46	<--- Select your MMT here using the dropdown.	38	MMT Portfolio
	Do not change other cells in this tab.	46	MMT Portfolio

Form 1.5b - STATEWIDE

California Energy Demand 2019-2030 Managed Forecast - Mid Demand / Mid AAEE Case

1-in-2 Net Electricity Peak Demand by Agency and Balancing Authority (MW)

Balancing Authority	Agency	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
	PG&E Service Area - Greater Bay Area	7,223	7,113	6,970	6,926	6,902	6,898	6,922	6,951	6,977	7,032
	NCPA - Greater Bay Area	198	194	190	188	186	185	186	186	186	187
	Power Enterprise of the San Francisco PUC	125	123	120	118	117	117	117	117	117	118
	Silicon Valley Power	530	542	540	546	553	562	569	570	570	573
	Other NP15 LSEs - Bay Area	5	5	5	5	5	5	5	5	5	5
	CDWR - Greater Bay Area	55	55	57	57	57	57	56	56	56	56
	WAPA - Greater Bay Area	52	52	52	52	52	52	52	52	52	52
Greater Bay Area Subtotal		**8,188**	**8,083**	**7,933**	**7,892**	**7,873**	**7,876**	**7,907**	**7,937**	**7,964**	**8,023**
	PG&E Service Area - Non Bay Area	9,955	9,803	9,606	9,545	9,513	9,507	9,540	9,580	9,616	9,691
	NCPA - Non Bay Area	211	207	202	200	199	198	198	198	199	200
	Other NP15 LSEs - Non Bay Area	7	7	7	7	7	7	7	7	7	7
	CDWR - Non Bay Area	55	55	57	57	57	57	56	56	56	56
	WAPA - Non Bay Area	185	185	185	185	185	185	185	185	185	185
Total North of Path 15		**18,602**	**18,341**	**17,991**	**17,886**	**17,832**	**17,829**	**17,893**	**17,964**	**18,026**	**18,161**
	PG&E Service Area - ZP26	2,047	2,016	1,975	1,963	1,956	1,955	1,962	1,970	1,977	1,993
	CDWR - ZP26	115	115	120	120	120	120	119	118	118	118
	WAPA - ZP26	15	15	15	15	15	15	15	15	15	15
Total Zone Path 26		**2,177**	**2,146**	**2,110**	**2,097**	**2,091**	**2,090**	**2,095**	**2,103**	**2,111**	**2,126**
Total Valley		**12,591**	**12,403**	**12,167**	**12,091**	**12,050**	**12,043**	**12,081**	**12,130**	**12,173**	**12,265**
Total North of Path 26 (Total PG&E TAC Area)		**20,779**	**20,486**	**20,100**	**19,983**	**19,923**	**19,919**	**19,988**	**20,067**	**20,137**	**20,287**
	Turlock Irrigation District	543	535	531	530	528	527	525	524	524	524
	Merced	109	108	107	107	106	106	106	106	106	106
Total Turlock Irrigation District Control Area		**652**	**643**	**638**	**637**	**634**	**633**	**631**	**630**	**629**	**630**
	SMUD	2,959	2,916	2,899	2,897	2,890	2,881	2,870	2,861	2,861	2,869
	Modesto Irrigation District	674	664	659	658	656	654	652	651	650	651

Form 1.5b - STATEWIDE

California Energy Demand 2019-2030 Managed Forecast - Mid Demand / Mid AAEE C

1-in-2 Net Electricity Peak Demand by Agency and Balancing Authority (MW)

Balancing Authority	Agency	2029	2030	Average Annual Growth (2019-2030)	CAISO area Non-IOU,CCA,ESP demand flag
	PG&E Service Area - Greater Bay Area	7,025	7,062	-0.20%	
	NCPA - Greater Bay Area	186	188	-0.49%	1
	Power Enterprise of the San Francisco PUC	118	118	-0.49%	1
	Silicon Valley Power	571	575	0.75%	1
	Other NP15 LSEs - Bay Area	5	5	-0.69%	1
	CDWR - Greater Bay Area	56	60	0.92%	1
	WAPA - Greater Bay Area	52	52	0.00%	1
Greater Bay Area Subtotal		**8,013**	**8,061**	**-0.14%**	
	PG&E Service Area - Non Bay Area	9,682	9,734	-0.20%	
	NCPA - Non Bay Area	199	200	-0.49%	1
	Other NP15 LSEs - Non Bay Area	7	7	-0.49%	1
	CDWR - Non Bay Area	56	60	0.92%	1
	WAPA - Non Bay Area	185	185	0.00%	1
Total North of Path 15		**18,142**	**18,247**	**-0.17%**	
	PG&E Service Area - ZP26	1,991	2,002	-0.20%	
	CDWR - ZP26	118	127	0.92%	1
	WAPA - ZP26	15	15	0.00%	1
Total Zone Path 26		**2,124**	**2,144**	**-0.14%**	
Total Valley		**12,253**	**12,330**	**-0.19%**	
Total North of Path 26 (Total PG&E TAC Area)		**20,266**	**20,391**	**-0.17%**	
	Turlock Irrigation District	525	527	-0.27%	
	Merced	106	106	-0.27%	
Total Turlock Irrigation District Control Area		**631**	**633**	**-0.27%**	
	SMUD	2,882	2,895	-0.20%	
	Modesto Irrigation District	652	654	-0.27%	

Balancing Authority	Agency	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
	Roseville	325	321	318	318	316	316	315	314	314	314
	Redding	221	217	216	215	215	214	213	213	213	213
	City of Shasta Lake	35	34	34	34	34	34	33	33	33	33
	WAPA (BANC)	90	90	90	90	90	90	90	90	90	90
Total Balancing Authority of Northern California Control Area		**4,304**	**4,242**	**4,215**	**4,211**	**4,200**	**4,188**	**4,174**	**4,163**	**4,161**	**4,171**
	SCE Service Area - LA Basin	16,297	16,109	15,975	15,861	15,850	15,796	15,753	15,749	15,769	15,789
	Anaheim	526	520	515	512	511	509	508	508	509	509
	Pasadena Water and Power	273	270	267	265	265	264	264	264	264	264
	Riverside	594	587	582	578	577	575	574	574	574	575
	Vernon	149	147	171	170	169	169	169	169	169	169
	Other SP15 LSEs - LA Basin	246	243	241	240	239	239	238	238	238	239
	MWD - LA Basin	20	20	20	20	20	20	20	20	20	20
LA Basin Subtotal		**18,104**	**17,895**	**17,771**	**17,645**	**17,633**	**17,572**	**17,525**	**17,521**	**17,542**	**17,565**
	SCE Service Area - Big Creek/Ventura	3,996	3,950	3,917	3,889	3,886	3,873	3,862	3,861	3,866	3,871
	CDWR - Big Creek/Ventura	290	275	275	275	275	275	275	276	276	303
Big Creek/Ventura Subtotal		**4,286**	**4,224**	**4,192**	**4,164**	**4,161**	**4,148**	**4,137**	**4,137**	**4,142**	**4,174**
	SCE Service Area - Other	1,010	999	990	983	983	979	977	976	977	979
	Other SP15 LSEs - Other	26	26	25	25	25	25	25	25	25	25
	CDWR - Other	47	45	45	45	45	45	45	45	45	50
	MWD - Other	163	154	154	154	154	154	154	154	154	171
Total SCE TAC Area		**23,637**	**23,343**	**23,177**	**23,015**	**23,000**	**22,923**	**22,862**	**22,859**	**22,886**	**22,964**
SDG&E TAC Area		**4,194**	**4,138**	**4,158**	**4,194**	**4,224**	**4,250**	**4,273**	**4,292**	**4,313**	**4,334**
Valley Electric Association (CA + NV Territory)		**133**	**145**	**153**	**156**	**159**	**161**	**164**	**166**	**169**	**171**
Total South of Path 26		**27,964**	**27,625**	**27,488**	**27,366**	**27,383**	**27,334**	**27,299**	**27,317**	**27,368**	**27,469**
	LADWP	5,787	5,696	5,608	5,555	5,450	5,368	5,246	5,160	5,059	4,992
	Burbank	286	284	284	285	283	282	281	279	279	279
	Glendale	297	295	294	295	294	292	291	290	289	290
Total LADWP Control Area		**6,370**	**6,275**	**6,186**	**6,135**	**6,028**	**5,942**	**5,818**	**5,729**	**5,627**	**5,561**
Imperial Irrigation District Control Area		**1,071**	**1,056**	**1,045**	**1,037**	**1,030**	**1,024**	**1,019**	**1,017**	**1,017**	**1,020**

Balancing Authority	Agency	2029	2030	Average Annual Growth (2019-2030)	CAISO area Non-IOU,CCA,ESP demand flag
	Roseville	315	316	-0.27%	
	Redding	213	214	-0.27%	
	City of Shasta Lake	34	34	-0.27%	
	WAPA (BANC)	90	90	0.00%	
Total Balancing Authority of Northern California Control Area		**4,186**	**4,202**	**-0.22%**	
	SCE Service Area - LA Basin	15,883	16,027	-0.15%	
	Anaheim	512	517	-0.15%	1
	Pasadena Water and Power	266	268	-0.15%	1
	Riverside	579	584	-0.15%	1
	Vernon	170	171	1.26%	1
	Other SP15 LSEs - LA Basin	240	242	-0.15%	1
	MWD - LA Basin	20	20	0.00%	1
LA Basin Subtotal		**17,669**	**17,829**	**-0.14%**	
	SCE Service Area - Big Creek/Ventura	3,894	3,929	-0.15%	
	CDWR - Big Creek/Ventura	303	303	0.40%	1
Big Creek/Ventura Subtotal		**4,197**	**4,233**	**-0.11%**	
	SCE Service Area - Other	985	993	-0.15%	
	Other SP15 LSEs - Other	25	25	-0.15%	1
	CDWR - Other	50	50	0.40%	1
	MWD - Other	172	172	0.45%	1
Total SCE TAC Area		**23,097**	**23,301**	**-0.13%**	
SDG&E TAC Area		**4,354**	**4,373**	**0.38%**	
Valley Electric Association (CA + NV Territory)		**173**	**176**	**2.53%**	1
Total South of Path 26		**27,625**	**27,850**	**-0.04%**	
	LADWP	4,940	4,872	-1.55%	
	Burbank	281	283	-0.11%	
	Glendale	291	293	-0.11%	
Total LADWP Control Area		**5,512**	**5,448**	**-1.41%**	
Imperial Irrigation District Control Area		**1,026**	**1,033**	**-0.33%**	

Balancing Authority	Agency	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Total California ISO Noncoincident Peak		48,743	48,112	47,589	47,349	47,306	47,253	47,287	47,384	47,505	47,757
Total California ISO Coincident Peak		46,117	45,647	45,184	45,280	45,447	45,610	45,827	46,011	46,227	46,493
Total STATEWIDE Noncoincident Peak		61,141	60,327	59,673	59,369	59,198	59,040	58,929	58,923	58,940	59,138
Total STATEWIDE Coincident Peak		57,848	57,236	56,658	56,775	56,872	56,987	57,109	57,216	57,354	57,572

Table developed using weather normalized 2019 net peak demand values for each BA area. Inlcudes the impact of IOU load-modifying demand response programs.
Agency peak demand within a BA area is adjusted to be coincident with the respective BA area net peak demand total.

Please input your LSE's 2021 System RA allocation, NQC MW here. This will be kept confidential	Redacted

		2,020	2,021	2,022	2,023	2,024	2,025	2,026	2,027	2,028
CAISO area Non-IOU,CCA,ESP non-coincident demand		3,985	3,997	3,988	3,992	3,995	3,999	4,004	4,009	4,068
CAISO area IOU,CCA,ESP non-coincident demand		44,127	43,592	43,361	43,314	43,259	43,288	43,380	43,496	43,689
coincident adjustment		95%	95%	96%	96%	97%	97%	97%	97%	97%
CAISO area IOU,CCA,ESP coincident demand		41,866	41,389	41,466	41,612	41,754	41,951	42,123	42,326	42,533
Your LSE'S estimated percent of CAISO area IOU,CCA,ESP coinc	0%									
Your LSE's estimated system RA requirement, NQC MW		170	168	169	169	170	171	171	172	173

Test TRUE

Balancing Authority	Agency	2029	2030	Average Annual Growth (2019-2030)	CAISO area Non-IOU,CCA,ESP demand flag
Total California ISO Noncoincident Peak		**47,891**	**48,241**	**-0.09%**	
Total California ISO Coincident Peak		**46,702**	**47,016**	**0.18%**	
Total STATEWIDE Noncoincident Peak		**59,246**	**59,558**	**-0.24%**	
Total STATEWIDE Coincident Peak		**57,776**	**58,045**	**0.03%**	

Table developed using weather normalized 2019 net peak demand values for each BA area. Inlcudes the
Agency peak demand within a BA area is adjusted to be coincident with the respective BA area net peak d

Please input your LSE's 2021 System RA allocation, NQC MW here. This will be kept confidential	**Redacted**

	2,029	2,030
CAISO area Non-IOU,CCA,ESP non-coincident dem	4,077	4,120
CAISO area IOU,CCA,ESP non-coincident deman	43,813	44,121
coincident adjustment	98%	97%
CAISO area IOU,CCA,ESP coincident demand	42,726	43,000
Your LSE'S estimated percent of CAISO area IOU,CCA,ESP coinc		
Your LSE's estimated system RA requirement, NQC	174	175

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	1	3.72	Redacted		online
3	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	2	3.48	Redacted		online
4	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	3	3.72	Redacted		online
5	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	4	2.4	Redacted		online
6	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	5	2.48	Redacted		online
7	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	6	3.15	Redacted		online
8	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	7	4.65	Redacted		online
9	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	8	4.65	Redacted		online
10	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	9	2.4	Redacted		online
11	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	10	2.84	Redacted		online
12	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	11	3.6	Redacted		online
13	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	12	3.72	Redacted		online
14	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	1	5.155	Redacted		online
15	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	2	4.235	Redacted		online
16	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	3	3.095	Redacted		online
17	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	4	2.87	Redacted		online
18	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	5	3.945	Redacted		online
19	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	6	15.63	Redacted		online
20	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	7	19.2	Redacted		online
21	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	8	18.36	Redacted		online
22	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	9	8.49	Redacted		online
23	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	10	6.195	Redacted		online
24	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	11	4.36	Redacted		online
25	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	12	7.215	Redacted		online
26	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	1	7.142	Redacted		online
27	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	2	5.336	Redacted		online
28	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	3	4.586	Redacted		online
29	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	4	4.352	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_1	0
3		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_2	0
4		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_3	0
5		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_4	0
6		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_5	0
7		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_6	0
8		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_7	0
9		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_8	0
10		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_9	0
11		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_10	0
12		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_11	0
13		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_12	0
14		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_1	0
15		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_2	0
16		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_3	0
17		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_4	0
18		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_5	0
19		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_6	0
20		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_7	0
21		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_8	0
22		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_9	0
23		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_10	0
24		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_11	0
25		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_12	0
26		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_1	0
27		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_2	0
28		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_3	0
29		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_4	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2	1	#N/A	Redacted	ok	special	1	0
3	1	#N/A	Redacted	ok	special	1	0
4	1	#N/A	Redacted	ok	special	1	0
5	1	#N/A	Redacted	ok	special	1	0
6	1	#N/A	Redacted	ok	special	1	0
7	1	#N/A	Redacted	ok	special	1	0
8	1	#N/A	Redacted	ok	special	1	0
9	1	#N/A	Redacted	ok	special	1	0
10	1	#N/A	Redacted	ok	special	1	0
11	1	#N/A	Redacted	ok	special	1	0
12	1	#N/A	Redacted	ok	special	1	0
13	1	#N/A	Redacted	ok	special	1	0
14	1	#N/A	Redacted	ok	special	1	0
15	1	#N/A	Redacted	ok	special	1	0
16	1	#N/A	Redacted	ok	special	1	0
17	1	#N/A	Redacted	ok	special	1	0
18	1	#N/A	Redacted	ok	special	1	0
19	1	#N/A	Redacted	ok	special	1	0
20	1	#N/A	Redacted	ok	special	1	0
21	1	#N/A	Redacted	ok	special	1	0
22	1	#N/A	Redacted	ok	special	1	0
23	1	#N/A	Redacted	ok	special	1	0
24	1	#N/A	Redacted	ok	special	1	0
25	1	#N/A	Redacted	ok	special	1	0
26	1	#N/A	Redacted	ok	special	1	0
27	1	#N/A	Redacted	ok	special	1	0
28	1	#N/A	Redacted	ok	special	1	0
29	1	#N/A	Redacted	ok	special	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2	unspecified_non_import_1079 MSCG_Shaped_1_LCE_System, 0.428	1	1	1	1	1	1	1	1	1	1
3	unspecified_non_import_1079 MSCG_Shaped_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
4	unspecified_non_import_1079 MSCG_Shaped_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
5	unspecified_non_import_1079 MSCG_Shaped_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
6	unspecified_non_import_1079 MSCG_Shaped_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
7	unspecified_non_import_1079 MSCG_Shaped_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
8	unspecified_non_import_1079 MSCG_Shaped_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
9	unspecified_non_import_1079 MSCG_Shaped_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
10	unspecified_non_import_1079 MSCG_Shaped_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
11	unspecified_non_import_1079 MSCG_Shaped_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
12	unspecified_non_import_1079 MSCG_Shaped_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
13	unspecified_non_import_1079 MSCG_Shaped_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
14	unspecified_non_import_1242 Direct_Shaped_4_LCE_System, 0.428	1	2	1	1	1	1	1	1	1	1
15	unspecified_non_import_1242 Direct_Shaped_4_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
16	unspecified_non_import_1242 Direct_Shaped_4_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
17	unspecified_non_import_1242 Direct_Shaped_4_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
18	unspecified_non_import_1242 Direct_Shaped_4_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
19	unspecified_non_import_1242 Direct_Shaped_4_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
20	unspecified_non_import_1242 Direct_Shaped_4_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
21	unspecified_non_import_1242 Direct_Shaped_4_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
22	unspecified_non_import_1242 Direct_Shaped_4_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
23	unspecified_non_import_1242 Direct_Shaped_4_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
24	unspecified_non_import_1242 Direct_Shaped_4_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
25	unspecified_non_import_1242 Direct_Shaped_4_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
26	unspecified_non_import_1243 Direct_Shaped_5_LCE_System, 0.428	1	3	1	1	1	1	1	1	1	1
27	unspecified_non_import_1243 Direct_Shaped_5_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
28	unspecified_non_import_1243 Direct_Shaped_5_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
29	unspecified_non_import_1243 Direct_Shaped_5_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
30	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	5	5.376	Redacted		online
31	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	6	11.688	Redacted		online
32	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	7	13.483	Redacted		online
33	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	8	13.436	Redacted		online
34	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	9	9.015	Redacted		online
35	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	10	7.688	Redacted		online
36	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	11	5.92	Redacted		online
37	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	12	7.592	Redacted		online
38	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	1	10.377	Redacted		online
39	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	2	9.832	Redacted		online
40	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	3	11.499	Redacted		online
41	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	4	11.23	Redacted		online
42	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	5	11.679	Redacted		online
43	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	6	15.256	Redacted		online
44	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	7	18.228	Redacted		online
45	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	8	19.659	Redacted		online
46	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	9	16.353	Redacted		online
47	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	10	12.572	Redacted		online
48	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	11	11.372	Redacted		online
49	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	12	10.013	Redacted		online
50	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	1	1.392350635	Redacted		online
51	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	2	1.451991279	Redacted		online
52	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	3	2.308249859	Redacted		online
53	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	4	2.367397019	Redacted		online
54	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	5	2.830979033	Redacted		online
55	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	6	2.961073224	Redacted		online
56	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	7	2.996775268	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
30		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_5	0
31		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_6	0
32		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_7	0
33		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_8	0
34		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_9	0
35		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_10	0
36		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_11	0
37		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_12	0
38		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_1	0
39		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_2	0
40		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_3	0
41		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_4	0
42		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_5	0
43		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_6	0
44		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_7	0
45		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_8	0
46		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_9	0
47		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_10	0
48		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_11	0
49		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_12	0
50		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_1	0.04
51		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_2	0.03
52		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_3	0.18
53		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_4	0.15
54		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_5	0.16
55		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_6	0.31
56		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_7	0.39

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
30	1	#N/A	Redacted	ok	special	1	0
31	1	#N/A	Redacted	ok	special	1	0
32	1	#N/A	Redacted	ok	special	1	0
33	1	#N/A	Redacted	ok	special	1	0
34	1	#N/A	Redacted	ok	special	1	0
35	1	#N/A	Redacted	ok	special	1	0
36	1	#N/A	Redacted	ok	special	1	0
37	1	#N/A	Redacted	ok	special	1	0
38	1	#N/A	Redacted	ok	special	1	0
39	1	#N/A	Redacted	ok	special	1	0
40	1	#N/A	Redacted	ok	special	1	0
41	1	#N/A	Redacted	ok	special	1	0
42	1	#N/A	Redacted	ok	special	1	0
43	1	#N/A	Redacted	ok	special	1	0
44	1	#N/A	Redacted	ok	special	1	0
45	1	#N/A	Redacted	ok	special	1	0
46	1	#N/A	Redacted	ok	special	1	0
47	1	#N/A	Redacted	ok	special	1	0
48	1	#N/A	Redacted	ok	special	1	0
49	1	#N/A	Redacted	ok	special	1	0
50	1	#N/A	Redacted	ok	physical	1	1
51	1	#N/A	Redacted	ok	physical	1	1
52	1	#N/A	Redacted	ok	physical	1	1
53	1	#N/A	Redacted	ok	physical	1	1
54	1	#N/A	Redacted	ok	physical	1	1
55	1	#N/A	Redacted	ok	physical	1	1
56	1	#N/A	Redacted	ok	physical	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
30	unspecified_non_import_1243 Direct_Shaped_5_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
31	unspecified_non_import_1243 Direct_Shaped_5_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
32	unspecified_non_import_1243 Direct_Shaped_5_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
33	unspecified_non_import_1243 Direct_Shaped_5_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
34	unspecified_non_import_1243 Direct_Shaped_5_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
35	unspecified_non_import_1243 Direct_Shaped_5_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
36	unspecified_non_import_1243 Direct_Shaped_5_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
37	unspecified_non_import_1243 Direct_Shaped_5_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
38	unspecified_non_import_1244 Direct_Shaped_6_LCE_System, 0.428	1	4	1	1	1	1	1	1	1	1
39	unspecified_non_import_1244 Direct_Shaped_6_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
40	unspecified_non_import_1244 Direct_Shaped_6_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
41	unspecified_non_import_1244 Direct_Shaped_6_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
42	unspecified_non_import_1244 Direct_Shaped_6_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
43	unspecified_non_import_1244 Direct_Shaped_6_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
44	unspecified_non_import_1244 Direct_Shaped_6_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
45	unspecified_non_import_1244 Direct_Shaped_6_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
46	unspecified_non_import_1244 Direct_Shaped_6_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
47	unspecified_non_import_1244 Direct_Shaped_6_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
48	unspecified_non_import_1244 Direct_Shaped_6_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
49	unspecified_non_import_1244 Direct_Shaped_6_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
50	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	1	5	1	1	1	1	1	1	1	1
51	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
52	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
53	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
54	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
55	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
56	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
57	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	8	2.793912239	Redacted		online
58	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	9	2.366447768	Redacted		online
59	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	10	2.023065763	Redacted		online
60	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	11	1.495196731	Redacted		online
61	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	12	1.346236155	Redacted		online
62	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	1	1.385388882	Redacted		online
63	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	2	1.394913001	Redacted		online
64	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	3	2.29670861	Redacted		online
65	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	4	2.355560034	Redacted		online
66	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	5	2.816824138	Redacted		online
67	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	6	2.946267858	Redacted		online
68	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	7	2.981791392	Redacted		online
69	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	8	2.779942678	Redacted		online
70	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	9	2.35461553	Redacted		online
71	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	10	2.012950435	Redacted		online
72	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	11	1.487720748	Redacted		online
73	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	12	1.339504974	Redacted		online
74	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	1	1.378461937	Redacted		online
75	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	2	1.387938437	Redacted		online
76	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	3	2.285225067	Redacted		online
77	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	4	2.343782234	Redacted		online
78	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	5	2.802740017	Redacted		online
79	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	6	2.931536519	Redacted		online
80	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	7	2.966882435	Redacted		online
81	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	8	2.766042965	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
57		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_8	0.27
58		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_9	0.14
59		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_10	0.02
60		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_11	0.02
61		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_12	0
62		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_1	0.04
63		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_2	0.03
64		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_3	0.18
65		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_4	0.15
66		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_5	0.16
67		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_6	0.31
68		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_7	0.39
69		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_8	0.27
70		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_9	0.14
71		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_10	0.02
72		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_11	0.02
73		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_12	0
74		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_1	0.04
75		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_2	0.03
76		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_3	0.18
77		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_4	0.15
78		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_5	0.16
79		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_6	0.31
80		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_7	0.39
81		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_8	0.27

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
57	1	#N/A	Redacted	ok	physical	1	1
58	1	#N/A	Redacted	ok	physical	1	1
59	1	#N/A	Redacted	ok	physical	1	1
60	1	#N/A	Redacted	ok	physical	1	1
61	1	#N/A	Redacted	ok	physical	1	0
62	1	#N/A	Redacted	ok	physical	1	1
63	1	#N/A	Redacted	ok	physical	1	1
64	1	#N/A	Redacted	ok	physical	1	1
65	1	#N/A	Redacted	ok	physical	1	1
66	1	#N/A	Redacted	ok	physical	1	1
67	1	#N/A	Redacted	ok	physical	1	1
68	1	#N/A	Redacted	ok	physical	1	1
69	1	#N/A	Redacted	ok	physical	1	1
70	1	#N/A	Redacted	ok	physical	1	1
71	1	#N/A	Redacted	ok	physical	1	1
72	1	#N/A	Redacted	ok	physical	1	1
73	1	#N/A	Redacted	ok	physical	1	0
74	1	#N/A	Redacted	ok	physical	1	1
75	1	#N/A	Redacted	ok	physical	1	1
76	1	#N/A	Redacted	ok	physical	1	1
77	1	#N/A	Redacted	ok	physical	1	1
78	1	#N/A	Redacted	ok	physical	1	1
79	1	#N/A	Redacted	ok	physical	1	1
80	1	#N/A	Redacted	ok	physical	1	1
81	1	#N/A	Redacted	ok	physical	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
57	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
58	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
59	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
60	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
61	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
62	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
63	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
64	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
65	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
66	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
67	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
68	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
69	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
70	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
71	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
72	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
73	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
74	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
75	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
76	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
77	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
78	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
79	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
80	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
81	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
82	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	9	2.342842451	Redacted		online
83	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	10	2.002885683	Redacted		online
84	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	11	1.480282144	Redacted		online
85	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	12	1.332807449	Redacted		online
86	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	1	1.371569628	Redacted		online
87	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	2	1.380998744	Redacted		online
88	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	3	2.273798942	Redacted		online
89	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	4	2.332063322	Redacted		online
90	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	5	2.788726317	Redacted		online
91	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	6	2.916878836	Redacted		online
92	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	7	2.952048023	Redacted		online
93	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	8	2.752212749	Redacted		online
94	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	9	2.331128239	Redacted		online
95	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	10	1.992871254	Redacted		online
96	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	11	1.472880733	Redacted		online
97	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	12	1.326143412	Redacted		online
98	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	1	1.36471178	Redacted		online
99	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	2	1.423168527	Redacted		online
100	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	3	2.262429947	Redacted		online
101	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	4	2.320403006	Redacted		online
102	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	5	2.774782686	Redacted		online
103	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	6	2.902294442	Redacted		online
104	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	7	2.937287782	Redacted		online
105	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	8	2.738451685	Redacted		online
106	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	9	2.319472598	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
82		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_9	0.14
83		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_10	0.02
84		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_11	0.02
85		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_12	0
86		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_1	0.04
87		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_2	0.03
88		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_3	0.18
89		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_4	0.15
90		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_5	0.16
91		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_6	0.31
92		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_7	0.39
93		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_8	0.27
94		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_9	0.14
95		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_10	0.02
96		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_11	0.02
97		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_12	0
98		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_1	0.034285714
99		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_2	0.025714286
100		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_3	0.154285714
101		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_4	0.128571429
102		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_5	0.137142857
103		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_6	0.265714286
104		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_7	0.334285714
105		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_8	0.231428571
106		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_9	0.122704067

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
82	1	#N/A	Redacted	ok	physical	1	1
83	1	#N/A	Redacted	ok	physical	1	1
84	1	#N/A	Redacted	ok	physical	1	1
85	1	#N/A	Redacted	ok	physical	1	0
86	1	#N/A	Redacted	ok	physical	1	1
87	1	#N/A	Redacted	ok	physical	1	1
88	1	#N/A	Redacted	ok	physical	1	1
89	1	#N/A	Redacted	ok	physical	1	1
90	1	#N/A	Redacted	ok	physical	1	1
91	1	#N/A	Redacted	ok	physical	1	1
92	1	#N/A	Redacted	ok	physical	1	1
93	1	#N/A	Redacted	ok	physical	1	1
94	1	#N/A	Redacted	ok	physical	1	1
95	1	#N/A	Redacted	ok	physical	1	1
96	1	#N/A	Redacted	ok	physical	1	1
97	1	#N/A	Redacted	ok	physical	1	0
98	1	#N/A	Redacted	ok	physical	1	1
99	1	#N/A	Redacted	ok	physical	1	1
100	1	#N/A	Redacted	ok	physical	1	1
101	1	#N/A	Redacted	ok	physical	1	1
102	1	#N/A	Redacted	ok	physical	1	1
103	1	#N/A	Redacted	ok	physical	1	1
104	1	#N/A	Redacted	ok	physical	1	1
105	1	#N/A	Redacted	ok	physical	1	1
106	1	#N/A	Redacted	ok	physical	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
82	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
83	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
84	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
85	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
86	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
87	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
88	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
89	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
90	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
91	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
92	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
93	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
94	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
95	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
96	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
97	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
98	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
99	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
100	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
101	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
102	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
103	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
104	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
105	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
106	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
107	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	10	1.982906898	Redacted		online
108	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	11	1.46551633	Redacted		online
109	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	12	1.319512695	Redacted		online
110	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	1	1.357888221	Redacted		online
111	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	2	1.367223281	Redacted		online
112	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	3	2.251117797	Redacted		online
113	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	4	2.308800992	Redacted		online
114	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	5	2.760908771	Redacted		online
115	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	6	2.88778297	Redacted		online
116	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	7	2.922601343	Redacted		online
117	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	8	2.724759427	Redacted		online
118	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	9	2.307875236	Redacted		online
119	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	10	1.972992363	Redacted		online
120	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	11	1.458188748	Redacted		online
121	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	12	1.312915132	Redacted		online
122	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	1	1.35109878	Redacted		online
123	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	2	1.360387165	Redacted		online
124	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	3	2.239862208	Redacted		online
125	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	4	2.297256986	Redacted		online
126	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	5	2.747104228	Redacted		online
127	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	6	2.873344055	Redacted		online
128	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	7	2.907988336	Redacted		online
129	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	8	2.71113563	Redacted		online
130	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	9	2.29633586	Redacted		online
131	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	10	1.963127401	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
107		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_10	0.017142857
108		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_11	0.017142857
109		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_12	0
110		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_1	0.031428571
111		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_2	0.023571429
112		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_3	0.141428571
113		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_4	0.117857143
114		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_5	0.125714286
115		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_6	0.243571429
116		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_7	0.306428571
117		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_8	0.212142857
118		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_9	0.105408133
119		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_10	0.015714286
120		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_11	0.015714286
121		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_12	0
122		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_1	0.025714286
123		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_2	0.019285714
124		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_3	0.115714286
125		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_4	0.096428571
126		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_5	0.102857143
127		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_6	0.199285714
128		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_7	0.250714286
129		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_8	0.173571429
130		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_9	0.0881122
131		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_10	0.012857143

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
107	1	#N/A	Redacted	ok	physical	1	1
108	1	#N/A	Redacted	ok	physical	1	1
109	1	#N/A	Redacted	ok	physical	1	0
110	1	#N/A	Redacted	ok	physical	1	1
111	1	#N/A	Redacted	ok	physical	1	1
112	1	#N/A	Redacted	ok	physical	1	1
113	1	#N/A	Redacted	ok	physical	1	1
114	1	#N/A	Redacted	ok	physical	1	1
115	1	#N/A	Redacted	ok	physical	1	1
116	1	#N/A	Redacted	ok	physical	1	1
117	1	#N/A	Redacted	ok	physical	1	1
118	1	#N/A	Redacted	ok	physical	1	1
119	1	#N/A	Redacted	ok	physical	1	1
120	1	#N/A	Redacted	ok	physical	1	1
121	1	#N/A	Redacted	ok	physical	1	0
122	1	#N/A	Redacted	ok	physical	1	1
123	1	#N/A	Redacted	ok	physical	1	1
124	1	#N/A	Redacted	ok	physical	1	1
125	1	#N/A	Redacted	ok	physical	1	1
126	1	#N/A	Redacted	ok	physical	1	1
127	1	#N/A	Redacted	ok	physical	1	1
128	1	#N/A	Redacted	ok	physical	1	1
129	1	#N/A	Redacted	ok	physical	1	1
130	1	#N/A	Redacted	ok	physical	1	1
131	1	#N/A	Redacted	ok	physical	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
107	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
108	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
109	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
110	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
111	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
112	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
113	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
114	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
115	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
116	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
117	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
118	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
119	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
120	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
121	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
122	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
123	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
124	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
125	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
126	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
127	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
128	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
129	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
130	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
131	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
132	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	11	1.450897804	Redacted		online
133	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	12	1.306350556	Redacted		online
134	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	1	1.344343286	Redacted		online
135	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	2	1.35358523	Redacted		online
136	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	3	2.228662897	Redacted		online
137	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	4	2.285770701	Redacted		online
138	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	5	2.733368706	Redacted		online
139	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	6	2.858977334	Redacted		online
140	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	7	2.893448395	Redacted		online
141	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	8	2.697579952	Redacted		online
142	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	9	2.28485418	Redacted		online
143	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	10	1.953311765	Redacted		online
144	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	11	1.443643315	Redacted		online
145	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	12	1.299818803	Redacted		online
146	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	1	1.337621569	Redacted		online
147	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	2	1.394917921	Redacted		online
148	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	3	2.217519582	Redacted		online
149	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	4	2.274341848	Redacted		online
150	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	5	2.719701863	Redacted		online
151	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	6	2.844682448	Redacted		online
152	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	7	2.878981153	Redacted		online
153	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	8	2.684092053	Redacted		online
154	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	9	2.273429909	Redacted		online
155	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	10	1.943545206	Redacted		online
156	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	11	1.436425098	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
132		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_11	0.012857143
133		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_12	0
134		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_1	0.025714286
135		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_2	0.019285714
136		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_3	0.115714286
137		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_4	0.096428571
138		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_5	0.102857143
139		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_6	0.199285714
140		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_7	0.250714286
141		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_8	0.173571429
142		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_9	0.088371588
143		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_10	0.012857143
144		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_11	0.012857143
145		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_12	0
146		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_1	0.025714286
147		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_2	0.019285714
148		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_3	0.115714286
149		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_4	0.096428571
150		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_5	0.102857143
151		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_6	0.199285714
152		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_7	0.250714286
153		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_8	0.173571429
154		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_9	0.088630976
155		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_10	0.012857143
156		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_11	0.012857143

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
132	1	#N/A	Redacted	ok	physical	1	1
133	1	#N/A	Redacted	ok	physical	1	0
134	1	#N/A	Redacted	ok	physical	1	1
135	1	#N/A	Redacted	ok	physical	1	1
136	1	#N/A	Redacted	ok	physical	1	1
137	1	#N/A	Redacted	ok	physical	1	1
138	1	#N/A	Redacted	ok	physical	1	1
139	1	#N/A	Redacted	ok	physical	1	1
140	1	#N/A	Redacted	ok	physical	1	1
141	1	#N/A	Redacted	ok	physical	1	1
142	1	#N/A	Redacted	ok	physical	1	1
143	1	#N/A	Redacted	ok	physical	1	1
144	1	#N/A	Redacted	ok	physical	1	1
145	1	#N/A	Redacted	ok	physical	1	0
146	1	#N/A	Redacted	ok	physical	1	1
147	1	#N/A	Redacted	ok	physical	1	1
148	1	#N/A	Redacted	ok	physical	1	1
149	1	#N/A	Redacted	ok	physical	1	1
150	1	#N/A	Redacted	ok	physical	1	1
151	1	#N/A	Redacted	ok	physical	1	1
152	1	#N/A	Redacted	ok	physical	1	1
153	1	#N/A	Redacted	ok	physical	1	1
154	1	#N/A	Redacted	ok	physical	1	1
155	1	#N/A	Redacted	ok	physical	1	1
156	1	#N/A	Redacted	ok	physical	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
132	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
133	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
134	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
135	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
136	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
137	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
138	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
139	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
140	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
141	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
142	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
143	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
144	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
145	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
146	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
147	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
148	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
149	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
150	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
151	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
152	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
153	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
154	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
155	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
156	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
157	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	12	1.293319709	Redacted		online
158	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	1	1.330933461	Redacted		online
159	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	2	1.340083217	Redacted		online
160	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	3	2.206431985	Redacted		online
161	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	4	2.262970138	Redacted		online
162	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	5	2.706103354	Redacted		online
163	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	6	2.830459036	Redacted		online
164	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	7	2.864586248	Redacted		online
165	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	8	2.670671592	Redacted		online
166	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	9	2.262062759	Redacted		online
167	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	10	1.93382748	Redacted		online
168	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	11	1.429242973	Redacted		online
169	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	12	1.286853111	Redacted		online
170	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	1	1.324278794	Redacted		online
171	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	2	1.333382801	Redacted		online
172	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	3	2.195399825	Redacted		online
173	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	4	2.251655288	Redacted		online
174	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	5	2.692572837	Redacted		online
175	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	6	2.816306741	Redacted		online
176	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	7	2.850263316	Redacted		online
177	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	8	2.657318235	Redacted		online
178	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	9	2.250752445	Redacted		online
179	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	10	1.924158342	Redacted		online
180	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	11	1.422096758	Redacted		online
181	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	12	1.280418846	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
157		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_12	0
158		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_1	0.025714286
159		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_2	0.019285714
160		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_3	0.115714286
161		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_4	0.096428571
162		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_5	0.102857143
163		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_6	0.199285714
164		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_7	0.250714286
165		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_8	0.173571429
166		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_9	0.088890363
167		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_10	0.012857143
168		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_11	0.012857143
169		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_12	0
170		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_1	0.025714286
171		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_2	0.019285714
172		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_3	0.115714286
173		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_4	0.096428571
174		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_5	0.102857143
175		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_6	0.199285714
176		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_7	0.250714286
177		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_8	0.173571429
178		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_9	0.089149751
179		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_10	0.012857143
180		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_11	0.012857143
181		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_12	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
157	1	#N/A	Redacted	ok	physical	1	0
158	1	#N/A	Redacted	ok	physical	1	1
159	1	#N/A	Redacted	ok	physical	1	1
160	1	#N/A	Redacted	ok	physical	1	1
161	1	#N/A	Redacted	ok	physical	1	1
162	1	#N/A	Redacted	ok	physical	1	1
163	1	#N/A	Redacted	ok	physical	1	1
164	1	#N/A	Redacted	ok	physical	1	1
165	1	#N/A	Redacted	ok	physical	1	1
166	1	#N/A	Redacted	ok	physical	1	1
167	1	#N/A	Redacted	ok	physical	1	1
168	1	#N/A	Redacted	ok	physical	1	1
169	1	#N/A	Redacted	ok	physical	1	0
170	1	#N/A	Redacted	ok	physical	1	1
171	1	#N/A	Redacted	ok	physical	1	1
172	1	#N/A	Redacted	ok	physical	1	1
173	1	#N/A	Redacted	ok	physical	1	1
174	1	#N/A	Redacted	ok	physical	1	1
175	1	#N/A	Redacted	ok	physical	1	1
176	1	#N/A	Redacted	ok	physical	1	1
177	1	#N/A	Redacted	ok	physical	1	1
178	1	#N/A	Redacted	ok	physical	1	1
179	1	#N/A	Redacted	ok	physical	1	1
180	1	#N/A	Redacted	ok	physical	1	1
181	1	#N/A	Redacted	ok	physical	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
157	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
158	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
159	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
160	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
161	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
162	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
163	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
164	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
165	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
166	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
167	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
168	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
169	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
170	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
171	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
172	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
173	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
174	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
175	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
176	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
177	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
178	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
179	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
180	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1
181	PLAINV_6_DSOLAR_1557 SPower_PPA_1_LCE_none	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
182	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2021	1	1.092819643	Redacted		online
183	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2021	2	1.808940076	Redacted		online
184	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2021	3	2.90419916	Redacted		online
185	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2021	4	3.89648191	Redacted		online
186	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2021	5	5.071220558	Redacted		online
187	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2021	6	4.537826821	Redacted		online
188	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2021	7	4.169107833	Redacted		online
189	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2021	8	4.193215943	Redacted		online
190	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2021	9	2.877406197	Redacted		online
191	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2021	10	2.367144639	Redacted		online
192	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2021	11	1.702557037	Redacted		online
193	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2021	12	1.069918347	Redacted		online
194	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2022	1	1.09281733	Redacted		online
195	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2022	2	1.808940076	Redacted		online
196	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2022	3	2.904197747	Redacted		online
197	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2022	4	3.8964809	Redacted		online
198	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2022	5	5.071218095	Redacted		online
199	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2022	6	4.537825645	Redacted		online
200	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2022	7	4.169105807	Redacted		online
201	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2022	8	4.193213906	Redacted		online
202	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2022	9	2.877405451	Redacted		online
203	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2022	10	2.367143489	Redacted		online
204	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2022	11	1.702556597	Redacted		online
205	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2022	12	1.069917827	Redacted		online
206	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2023	1	1.092814676	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
182		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_1	0.14
183		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_2	0.12
184		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_3	0.28
185		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_4	0.25
186		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_5	0.25
187		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_6	0.33
188		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_7	0.23
189		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_8	0.21
190		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_9	0.15
191		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_10	0.08
192		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_11	0.12
193		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_12	0.13
194		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_1	0.14
195		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_2	0.12
196		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_3	0.28
197		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_4	0.25
198		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_5	0.25
199		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_6	0.33
200		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_7	0.23
201		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_8	0.21
202		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_9	0.15
203		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_10	0.08
204		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_11	0.12
205		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_12	0.13
206		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_1	0.14

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
182	1	#N/A	Redacted	ok	physical	1	1
183	1	#N/A	Redacted	ok	physical	1	1
184	1	#N/A	Redacted	ok	physical	1	1
185	1	#N/A	Redacted	ok	physical	1	1
186	1	#N/A	Redacted	ok	physical	1	1
187	1	#N/A	Redacted	ok	physical	1	1
188	1	#N/A	Redacted	ok	physical	1	1
189	1	#N/A	Redacted	ok	physical	1	1
190	1	#N/A	Redacted	ok	physical	1	1
191	1	#N/A	Redacted	ok	physical	1	1
192	1	#N/A	Redacted	ok	physical	1	1
193	1	#N/A	Redacted	ok	physical	1	1
194	1	#N/A	Redacted	ok	physical	1	1
195	1	#N/A	Redacted	ok	physical	1	1
196	1	#N/A	Redacted	ok	physical	1	1
197	1	#N/A	Redacted	ok	physical	1	1
198	1	#N/A	Redacted	ok	physical	1	1
199	1	#N/A	Redacted	ok	physical	1	1
200	1	#N/A	Redacted	ok	physical	1	1
201	1	#N/A	Redacted	ok	physical	1	1
202	1	#N/A	Redacted	ok	physical	1	1
203	1	#N/A	Redacted	ok	physical	1	1
204	1	#N/A	Redacted	ok	physical	1	1
205	1	#N/A	Redacted	ok	physical	1	1
206	1	#N/A	Redacted	ok	physical	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
182	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	1	6	1	1	1	1	1	1	1	1
183	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
184	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
185	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
186	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
187	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
188	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
189	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
190	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
191	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
192	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
193	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
194	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
195	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
196	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
197	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
198	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
199	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
200	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
201	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
202	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
203	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
204	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
205	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
206	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
207	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2023	2	1.808940076	Redacted		online
208	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2023	3	2.904190682	Redacted		online
209	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2023	4	3.896478811	Redacted		online
210	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2023	5	5.071205776	Redacted		online
211	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2023	6	4.537823213	Redacted		online
212	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2023	7	4.16909568	Redacted		online
213	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2023	8	4.19320372	Redacted		online
214	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2023	9	2.877403908	Redacted		online
215	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2023	10	2.367137738	Redacted		online
216	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2023	11	1.702555685	Redacted		online
217	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2023	12	1.069915228	Redacted		online
218	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2024	1	1.092812021	Redacted		online
219	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2024	2	1.873542121	Redacted		online
220	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2024	3	2.904178832	Redacted		online
221	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2024	4	3.896462892	Redacted		online
222	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2024	5	5.071185191	Redacted		online
223	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2024	6	4.537804673	Redacted		online
224	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2024	7	4.169078757	Redacted		online
225	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2024	8	4.193186699	Redacted		online
226	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2024	9	2.877392153	Redacted		online
227	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2024	10	2.36712813	Redacted		online
228	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2024	11	1.70254874	Redacted		online
229	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2024	12	1.069910885	Redacted		online
230	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2025	1	1.092816457	Redacted		online
231	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2025	2	1.808940076	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
207		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_2	0.12
208		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_3	0.28
209		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_4	0.25
210		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_5	0.25
211		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_6	0.33
212		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_7	0.23
213		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_8	0.21
214		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_9	0.15
215		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_10	0.08
216		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_11	0.12
217		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_12	0.13
218		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_1	0.158666667
219		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_2	0.136
220		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_3	0.317333333
221		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_4	0.283333333
222		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_5	0.283333333
223		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_6	0.374
224		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_7	0.260666667
225		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_8	0.238
226		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_9	0.173333333
227		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_10	0.090666667
228		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_11	0.136
229		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_12	0.147333333
230		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_1	0.186666667
231		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_2	0.16

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
207	1	#N/A	Redacted	ok	physical	1	1
208	1	#N/A	Redacted	ok	physical	1	1
209	1	#N/A	Redacted	ok	physical	1	1
210	1	#N/A	Redacted	ok	physical	1	1
211	1	#N/A	Redacted	ok	physical	1	1
212	1	#N/A	Redacted	ok	physical	1	1
213	1	#N/A	Redacted	ok	physical	1	1
214	1	#N/A	Redacted	ok	physical	1	1
215	1	#N/A	Redacted	ok	physical	1	1
216	1	#N/A	Redacted	ok	physical	1	1
217	1	#N/A	Redacted	ok	physical	1	1
218	1	#N/A	Redacted	ok	physical	1	1
219	1	#N/A	Redacted	ok	physical	1	1
220	1	#N/A	Redacted	ok	physical	1	1
221	1	#N/A	Redacted	ok	physical	1	1
222	1	#N/A	Redacted	ok	physical	1	1
223	1	#N/A	Redacted	ok	physical	1	1
224	1	#N/A	Redacted	ok	physical	1	1
225	1	#N/A	Redacted	ok	physical	1	1
226	1	#N/A	Redacted	ok	physical	1	1
227	1	#N/A	Redacted	ok	physical	1	1
228	1	#N/A	Redacted	ok	physical	1	1
229	1	#N/A	Redacted	ok	physical	1	1
230	1	#N/A	Redacted	ok	physical	1	1
231	1	#N/A	Redacted	ok	physical	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
207	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
208	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
209	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
210	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
211	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
212	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
213	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
214	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
215	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
216	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
217	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
218	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
219	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
220	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
221	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
222	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
223	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
224	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
225	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
226	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
227	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
228	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
229	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
230	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
231	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
232	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2025	3	2.904185898	Redacted		online
233	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2025	4	3.896472066	Redacted		online
234	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2025	5	5.07119751	Redacted		online
235	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2025	6	4.537815357	Redacted		online
236	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2025	7	4.169088884	Redacted		online
237	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2025	8	4.193196885	Redacted		online
238	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2025	9	2.877398927	Redacted		online
239	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2025	10	2.36713388	Redacted		online
240	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2025	11	1.702552734	Redacted		online
241	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2025	12	1.069913484	Redacted		online
242	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2026	1	1.092819112	Redacted		online
243	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2026	2	1.808940076	Redacted		online
244	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2026	3	2.904192964	Redacted		online
245	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2026	4	3.8964809	Redacted		online
246	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2026	5	5.071209829	Redacted		online
247	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2026	6	4.537825645	Redacted		online
248	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2026	7	4.169099012	Redacted		online
249	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2026	8	4.193207072	Redacted		online
250	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2026	9	2.877405451	Redacted		online
251	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2026	10	2.36713963	Redacted		online
252	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2026	11	1.702556588	Redacted		online
253	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2026	12	1.069916083	Redacted		online
254	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2027	1	1.092819643	Redacted		online
255	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2027	2	1.808940076	Redacted		online
256	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2027	3	2.90419916	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
232		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_3	0.373333333
233		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_4	0.333333333
234		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_5	0.333333333
235		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_6	0.44
236		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_7	0.306666667
237		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_8	0.28
238		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_9	0.196666667
239		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_10	0.106666667
240		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_11	0.16
241		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_12	0.173333333
242		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_1	0.205333333
243		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_2	0.176
244		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_3	0.410666667
245		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_4	0.366666667
246		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_5	0.366666667
247		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_6	0.484
248		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_7	0.337333333
249		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_8	0.308
250		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_9	0.22
251		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_10	0.117333333
252		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_11	0.176
253		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_12	0.190666667
254		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_1	0.205333333
255		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_2	0.176
256		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_3	0.410666667

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
232	1	#N/A	Redacted	ok	physical	1	1
233	1	#N/A	Redacted	ok	physical	1	1
234	1	#N/A	Redacted	ok	physical	1	1
235	1	#N/A	Redacted	ok	physical	1	1
236	1	#N/A	Redacted	ok	physical	1	1
237	1	#N/A	Redacted	ok	physical	1	1
238	1	#N/A	Redacted	ok	physical	1	1
239	1	#N/A	Redacted	ok	physical	1	1
240	1	#N/A	Redacted	ok	physical	1	1
241	1	#N/A	Redacted	ok	physical	1	1
242	1	#N/A	Redacted	ok	physical	1	1
243	1	#N/A	Redacted	ok	physical	1	1
244	1	#N/A	Redacted	ok	physical	1	1
245	1	#N/A	Redacted	ok	physical	1	1
246	1	#N/A	Redacted	ok	physical	1	1
247	1	#N/A	Redacted	ok	physical	1	1
248	1	#N/A	Redacted	ok	physical	1	1
249	1	#N/A	Redacted	ok	physical	1	1
250	1	#N/A	Redacted	ok	physical	1	1
251	1	#N/A	Redacted	ok	physical	1	1
252	1	#N/A	Redacted	ok	physical	1	1
253	1	#N/A	Redacted	ok	physical	1	1
254	1	#N/A	Redacted	ok	physical	1	1
255	1	#N/A	Redacted	ok	physical	1	1
256	1	#N/A	Redacted	ok	physical	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
232	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
233	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
234	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
235	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
236	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
237	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
238	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
239	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
240	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
241	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
242	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
243	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
244	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
245	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
246	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
247	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
248	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
249	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
250	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
251	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
252	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
253	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
254	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
255	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
256	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
257	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2027	4	3.89648191	Redacted		online
258	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2027	5	5.071220558	Redacted		online
259	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2027	6	4.537826821	Redacted		online
260	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2027	7	4.169107833	Redacted		online
261	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2027	8	4.193215943	Redacted		online
262	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2027	9	2.877406197	Redacted		online
263	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2027	10	2.367144639	Redacted		online
264	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2027	11	1.702557037	Redacted		online
265	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2027	12	1.069918347	Redacted		online
266	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2028	1	1.09281733	Redacted		online
267	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2028	2	1.873545572	Redacted		online
268	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2028	3	2.904190682	Redacted		online
269	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2028	4	3.896478811	Redacted		online
270	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2028	5	5.071205776	Redacted		online
271	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2028	6	4.537823213	Redacted		online
272	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2028	7	4.16909568	Redacted		online
273	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2028	8	4.19320372	Redacted		online
274	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2028	9	2.877403908	Redacted		online
275	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2028	10	2.367137738	Redacted		online
276	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2028	11	1.702555685	Redacted		online
277	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2028	12	1.069915228	Redacted		online
278	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	1	1.092812021	Redacted		online
279	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	2	1.808940076	Redacted		online
280	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	3	2.904183616	Redacted		online
281	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	4	3.896469637	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
257		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_4	0.366666667
258		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_5	0.366666667
259		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_6	0.484
260		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_7	0.337333333
261		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_8	0.308
262		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_9	0.22
263		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_10	0.117333333
264		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_11	0.176
265		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_12	0.190666667
266		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_1	0.205333333
267		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_2	0.176
268		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_3	0.410666667
269		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_4	0.366666667
270		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_5	0.366666667
271		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_6	0.484
272		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_7	0.337333333
273		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_8	0.308
274		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_9	0.22
275		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_10	0.117333333
276		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_11	0.176
277		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_12	0.190666667
278		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_1	0.205333333
279		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_2	0.176
280		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_3	0.410666667
281		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_4	0.366666667

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
257	1	#N/A	Redacted	ok	physical	1	1
258	1	#N/A	Redacted	ok	physical	1	1
259	1	#N/A	Redacted	ok	physical	1	1
260	1	#N/A	Redacted	ok	physical	1	1
261	1	#N/A	Redacted	ok	physical	1	1
262	1	#N/A	Redacted	ok	physical	1	1
263	1	#N/A	Redacted	ok	physical	1	1
264	1	#N/A	Redacted	ok	physical	1	1
265	1	#N/A	Redacted	ok	physical	1	1
266	1	#N/A	Redacted	ok	physical	1	1
267	1	#N/A	Redacted	ok	physical	1	1
268	1	#N/A	Redacted	ok	physical	1	1
269	1	#N/A	Redacted	ok	physical	1	1
270	1	#N/A	Redacted	ok	physical	1	1
271	1	#N/A	Redacted	ok	physical	1	1
272	1	#N/A	Redacted	ok	physical	1	1
273	1	#N/A	Redacted	ok	physical	1	1
274	1	#N/A	Redacted	ok	physical	1	1
275	1	#N/A	Redacted	ok	physical	1	1
276	1	#N/A	Redacted	ok	physical	1	1
277	1	#N/A	Redacted	ok	physical	1	1
278	1	#N/A	Redacted	ok	physical	1	1
279	1	#N/A	Redacted	ok	physical	1	1
280	1	#N/A	Redacted	ok	physical	1	1
281	1	#N/A	Redacted	ok	physical	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
257	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
258	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
259	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
260	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
261	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
262	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
263	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
264	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
265	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
266	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
267	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
268	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
269	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
270	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
271	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
272	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
273	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
274	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
275	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
276	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
277	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
278	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
279	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
280	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
281	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
282	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	5	5.071193456	Redacted		online
283	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	6	4.537812529	Redacted		online
284	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	7	4.169085552	Redacted		online
285	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	8	4.193193534	Redacted		online
286	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	9	2.877397134	Redacted		online
287	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	10	2.367131988	Redacted		online
288	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	11	1.702551683	Redacted		online
289	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	12	1.069912629	Redacted		online
290	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	1	1.092813802	Redacted		online
291	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	2	1.808940076	Redacted		online
292	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	3	2.904178832	Redacted		online
293	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	4	3.896462892	Redacted		online
294	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	5	5.071185191	Redacted		online
295	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	6	4.537804673	Redacted		online
296	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	7	4.169078757	Redacted		online
297	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	8	4.193186699	Redacted		online
298	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	9	2.877392153	Redacted		online
299	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	10	2.36712813	Redacted		online
300	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	11	1.70254874	Redacted		online
301	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	12	1.069910885	Redacted		online
302	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2020	1	8.33333	Redacted		online
303	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2020	2	8.33333	Redacted		online
304	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2020	3	8.33333	Redacted		online
305	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2020	4	8.33333	Redacted		online
306	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2020	5	8.33333	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
282		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_5	0.366666667
283		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_6	0.484
284		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_7	0.337333333
285		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_8	0.308
286		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_9	0.22
287		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_10	0.117333333
288		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_11	0.176
289		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_12	0.190666667
290		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_1	0.205333333
291		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_2	0.176
292		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_3	0.410666667
293		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_4	0.366666667
294		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_5	0.366666667
295		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_6	0.484
296		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_7	0.337333333
297		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_8	0.308
298		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_9	0.22
299		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_10	0.117333333
300		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_11	0.176
301		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_12	0.190666667
302		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_1	0.6
303		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_2	0.7
304		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_3	0.73
305		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_4	0.72
306		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_5	0.69

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
282	1	#N/A	Redacted	ok	physical	1	1
283	1	#N/A	Redacted	ok	physical	1	1
284	1	#N/A	Redacted	ok	physical	1	1
285	1	#N/A	Redacted	ok	physical	1	1
286	1	#N/A	Redacted	ok	physical	1	1
287	1	#N/A	Redacted	ok	physical	1	1
288	1	#N/A	Redacted	ok	physical	1	1
289	1	#N/A	Redacted	ok	physical	1	1
290	1	#N/A	Redacted	ok	physical	1	1
291	1	#N/A	Redacted	ok	physical	1	1
292	1	#N/A	Redacted	ok	physical	1	1
293	1	#N/A	Redacted	ok	physical	1	1
294	1	#N/A	Redacted	ok	physical	1	1
295	1	#N/A	Redacted	ok	physical	1	1
296	1	#N/A	Redacted	ok	physical	1	1
297	1	#N/A	Redacted	ok	physical	1	1
298	1	#N/A	Redacted	ok	physical	1	1
299	1	#N/A	Redacted	ok	physical	1	1
300	1	#N/A	Redacted	ok	physical	1	1
301	1	#N/A	Redacted	ok	physical	1	1
302	1	#N/A	Redacted	ok	physical	1	0
303	1	#N/A	Redacted	ok	physical	1	0
304	1	#N/A	Redacted	ok	physical	1	0
305	1	#N/A	Redacted	ok	physical	1	0
306	1	#N/A	Redacted	ok	physical	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
282	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
283	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
284	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
285	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
286	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
287	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
288	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
289	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
290	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
291	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
292	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
293	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
294	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
295	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
296	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
297	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
298	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
299	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
300	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
301	MTWIND_1_UNIT 3_1561 Mountainview III_LT_1_LCE_none	0	0	1	1	1	1	1	1	1	1
302	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	1	7	1	1	1	1	1	1	1	1
303	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
304	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
305	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
306	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
307	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2020	6	8.33333	Redacted		online
308	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2020	7	8.33333	Redacted		online
309	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2020	8	8.33333	Redacted		online
310	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2020	9	8.33333	Redacted		online
311	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2020	10	8.33333	Redacted		online
312	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2020	11	8.33333	Redacted		online
313	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2020	12	8.33333	Redacted		online
314	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2021	1	8.33333	Redacted		online
315	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2021	2	8.33333	Redacted		online
316	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2021	3	8.33333	Redacted		online
317	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2021	4	8.33333	Redacted		online
318	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2021	5	8.33333	Redacted		online
319	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2021	6	8.33333	Redacted		online
320	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2021	7	8.33333	Redacted		online
321	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2021	8	8.33333	Redacted		online
322	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2021	9	8.33333	Redacted		online
323	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2021	10	8.33333	Redacted		online
324	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2021	11	8.33333	Redacted		online
325	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2021	12	8.33333	Redacted		online
326	LCE	unspecified_import	1573 MSCG_PCC1_1_LCE	2020	1	4.58333	Redacted		online
327	LCE	unspecified_import	1573 MSCG_PCC1_1_LCE	2020	2	4.58333	Redacted		online
328	LCE	unspecified_import	1573 MSCG_PCC1_1_LCE	2020	3	4.58333	Redacted		online
329	LCE	unspecified_import	1573 MSCG_PCC1_1_LCE	2020	4	4.58333	Redacted		online
330	LCE	unspecified_import	1573 MSCG_PCC1_1_LCE	2020	5	4.58333	Redacted		online
331	LCE	unspecified_import	1573 MSCG_PCC1_1_LCE	2020	6	4.58333	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
307		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_6	0.74
308		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_7	0.73
309		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_8	0.72
310		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_9	0.71
311		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_10	0.64
312		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_11	0.56
313		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2020_12	0.64
314		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_1	0.6
315		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_2	0.7
316		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_3	0.73
317		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_4	0.72
318		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_5	0.69
319		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_6	0.74
320		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_7	0.73
321		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_8	0.72
322		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_9	0.71
323		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_10	0.64
324		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_11	0.56
325		Redacted	Redacted	CAISO_Hydro	1	hydro	hydro_2021_12	0.64
326		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_1	0
327		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_2	0
328		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_3	0
329		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_4	0
330		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_5	0
331		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_6	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
307	1	#N/A	Redacted	ok	physical	1	0
308	1	#N/A	Redacted	ok	physical	1	0
309	1	#N/A	Redacted	ok	physical	1	0
310	1	#N/A	Redacted	ok	physical	1	0
311	1	#N/A	Redacted	ok	physical	1	0
312	1	#N/A	Redacted	ok	physical	1	0
313	1	#N/A	Redacted	ok	physical	1	0
314	1	#N/A	Redacted	ok	physical	1	0
315	1	#N/A	Redacted	ok	physical	1	0
316	1	#N/A	Redacted	ok	physical	1	0
317	1	#N/A	Redacted	ok	physical	1	0
318	1	#N/A	Redacted	ok	physical	1	0
319	1	#N/A	Redacted	ok	physical	1	0
320	1	#N/A	Redacted	ok	physical	1	0
321	1	#N/A	Redacted	ok	physical	1	0
322	1	#N/A	Redacted	ok	physical	1	0
323	1	#N/A	Redacted	ok	physical	1	0
324	1	#N/A	Redacted	ok	physical	1	0
325	1	#N/A	Redacted	ok	physical	1	0
326	1	#N/A	Redacted	ok	special	1	0
327	1	#N/A	Redacted	ok	special	1	0
328	1	#N/A	Redacted	ok	special	1	0
329	1	#N/A	Redacted	ok	special	1	0
330	1	#N/A	Redacted	ok	special	1	0
331	1	#N/A	Redacted	ok	special	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
307	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
308	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
309	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
310	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
311	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
312	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
313	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
314	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
315	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
316	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
317	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
318	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
319	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
320	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
321	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
322	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
323	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
324	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
325	EXCHEC_7_UNIT 1_1572 TNSK_CF_1_LCE_none	0	0	1	1	1	1	1	1	1	1
326	unspecified_import_1573 MSCG_PCC1_1_LCE_PCC2, CAISO, 0.428	1	8	1	1	1	1	1	1	1	1
327	unspecified_import_1573 MSCG_PCC1_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
328	unspecified_import_1573 MSCG_PCC1_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
329	unspecified_import_1573 MSCG_PCC1_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
330	unspecified_import_1573 MSCG_PCC1_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
331	unspecified_import_1573 MSCG_PCC1_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
332	LCE	unspecified_import	1573 MSCG_PCC1_1_LCE	2020	7	4.58333	Redacted		online
333	LCE	unspecified_import	1573 MSCG_PCC1_1_LCE	2020	8	4.58333	Redacted		online
334	LCE	unspecified_import	1573 MSCG_PCC1_1_LCE	2020	9	4.58333	Redacted		online
335	LCE	unspecified_import	1573 MSCG_PCC1_1_LCE	2020	10	4.58333	Redacted		online
336	LCE	unspecified_import	1573 MSCG_PCC1_1_LCE	2020	11	4.58333	Redacted		online
337	LCE	unspecified_import	1573 MSCG_PCC1_1_LCE	2020	12	4.58333	Redacted		online
338	LCE	unspecified_import	1574 MSCG_PCC2_1_LCE	2020	1	0.41667	Redacted		online
339	LCE	unspecified_import	1574 MSCG_PCC2_1_LCE	2020	2	0.41667	Redacted		online
340	LCE	unspecified_import	1574 MSCG_PCC2_1_LCE	2020	3	0.41667	Redacted		online
341	LCE	unspecified_import	1574 MSCG_PCC2_1_LCE	2020	4	0.41667	Redacted		online
342	LCE	unspecified_import	1574 MSCG_PCC2_1_LCE	2020	5	0.41667	Redacted		online
343	LCE	unspecified_import	1574 MSCG_PCC2_1_LCE	2020	6	0.41667	Redacted		online
344	LCE	unspecified_import	1574 MSCG_PCC2_1_LCE	2020	7	0.41667	Redacted		online
345	LCE	unspecified_import	1574 MSCG_PCC2_1_LCE	2020	8	0.41667	Redacted		online
346	LCE	unspecified_import	1574 MSCG_PCC2_1_LCE	2020	9	0.41667	Redacted		online
347	LCE	unspecified_import	1574 MSCG_PCC2_1_LCE	2020	10	0.41667	Redacted		online
348	LCE	unspecified_import	1574 MSCG_PCC2_1_LCE	2020	11	0.41667	Redacted		online
349	LCE	unspecified_import	1574 MSCG_PCC2_1_LCE	2020	12	0.41667	Redacted		online
350	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2021	1	1.45833	Redacted		online
351	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2021	2	1.45833	Redacted		online
352	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2021	3	1.45833	Redacted		online
353	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2021	4	1.45833	Redacted		online
354	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2021	5	1.45833	Redacted		online
355	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2021	6	1.45833	Redacted		online
356	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2021	7	1.45833	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
332		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_7	0
333		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_8	0
334		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_9	0
335		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_10	0
336		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_11	0
337		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_12	0
338		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_1	0
339		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_2	0
340		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_3	0
341		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_4	0
342		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_5	0
343		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_6	0
344		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_7	0
345		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_8	0
346		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_9	0
347		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_10	0
348		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_11	0
349		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_12	0
350		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_1	0.04
351		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_2	0.03
352		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_3	0.18
353		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_4	0.15
354		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_5	0.16
355		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_6	0.31
356		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_7	0.39

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
332	1	#N/A	Redacted	ok	special	1	0
333	1	#N/A	Redacted	ok	special	1	0
334	1	#N/A	Redacted	ok	special	1	0
335	1	#N/A	Redacted	ok	special	1	0
336	1	#N/A	Redacted	ok	special	1	0
337	1	#N/A	Redacted	ok	special	1	0
338	1	#N/A	Redacted	ok	special	1	0
339	1	#N/A	Redacted	ok	special	1	0
340	1	#N/A	Redacted	ok	special	1	0
341	1	#N/A	Redacted	ok	special	1	0
342	1	#N/A	Redacted	ok	special	1	0
343	1	#N/A	Redacted	ok	special	1	0
344	1	#N/A	Redacted	ok	special	1	0
345	1	#N/A	Redacted	ok	special	1	0
346	1	#N/A	Redacted	ok	special	1	0
347	1	#N/A	Redacted	ok	special	1	0
348	1	#N/A	Redacted	ok	special	1	0
349	1	#N/A	Redacted	ok	special	1	0
350	1	#N/A	Redacted	ok	existing_generic	1	0
351	1	#N/A	Redacted	ok	existing_generic	1	0
352	1	#N/A	Redacted	ok	existing_generic	1	0
353	1	#N/A	Redacted	ok	existing_generic	1	0
354	1	#N/A	Redacted	ok	existing_generic	1	0
355	1	#N/A	Redacted	ok	existing_generic	1	0
356	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
332	unspecified_import_1573 MSCG_PCC1_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
333	unspecified_import_1573 MSCG_PCC1_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
334	unspecified_import_1573 MSCG_PCC1_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
335	unspecified_import_1573 MSCG_PCC1_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
336	unspecified_import_1573 MSCG_PCC1_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
337	unspecified_import_1573 MSCG_PCC1_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
338	unspecified_import_1574 MSCG_PCC2_1_LCE_PCC2, CAISO, 0.428	1	9	1	1	1	1	1	1	1	1
339	unspecified_import_1574 MSCG_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
340	unspecified_import_1574 MSCG_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
341	unspecified_import_1574 MSCG_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
342	unspecified_import_1574 MSCG_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
343	unspecified_import_1574 MSCG_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
344	unspecified_import_1574 MSCG_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
345	unspecified_import_1574 MSCG_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
346	unspecified_import_1574 MSCG_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
347	unspecified_import_1574 MSCG_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
348	unspecified_import_1574 MSCG_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
349	unspecified_import_1574 MSCG_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
350	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	1	10	1	1	1	1	1	1	1	1
351	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
352	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
353	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
354	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
355	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
356	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
357	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2021	8	1.45833	Redacted		online
358	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2021	9	1.45833	Redacted		online
359	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2021	10	1.45833	Redacted		online
360	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2021	11	1.45833	Redacted		online
361	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2021	12	1.45833	Redacted		online
362	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2022	1	1.45833	Redacted		online
363	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2022	2	1.45833	Redacted		online
364	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2022	3	1.45833	Redacted		online
365	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2022	4	1.45833	Redacted		online
366	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2022	5	1.45833	Redacted		online
367	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2022	6	1.45833	Redacted		online
368	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2022	7	1.45833	Redacted		online
369	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2022	8	1.45833	Redacted		online
370	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2022	9	1.45833	Redacted		online
371	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2022	10	1.45833	Redacted		online
372	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2022	11	1.45833	Redacted		online
373	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2022	12	1.45833	Redacted		online
374	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2023	1	1.45833	Redacted		online
375	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2023	2	1.45833	Redacted		online
376	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2023	3	1.45833	Redacted		online
377	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2023	4	1.45833	Redacted		online
378	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2023	5	1.45833	Redacted		online
379	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2023	6	1.45833	Redacted		online
380	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2023	7	1.45833	Redacted		online
381	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2023	8	1.45833	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
357		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_8	0.27
358		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_9	0.14
359		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_10	0.02
360		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_11	0.02
361		Redacted	Redacted	CAISO_Solar	1	solar	solar_2021_12	0
362		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_1	0.04
363		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_2	0.03
364		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_3	0.18
365		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_4	0.15
366		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_5	0.16
367		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_6	0.31
368		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_7	0.39
369		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_8	0.27
370		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_9	0.14
371		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_10	0.02
372		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_11	0.02
373		Redacted	Redacted	CAISO_Solar	1	solar	solar_2022_12	0
374		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_1	0.04
375		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_2	0.03
376		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_3	0.18
377		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_4	0.15
378		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_5	0.16
379		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_6	0.31
380		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_7	0.39
381		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_8	0.27

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
357	1	#N/A	Redacted	ok	existing_generic	1	0
358	1	#N/A	Redacted	ok	existing_generic	1	0
359	1	#N/A	Redacted	ok	existing_generic	1	0
360	1	#N/A	Redacted	ok	existing_generic	1	0
361	1	#N/A	Redacted	ok	existing_generic	1	0
362	1	#N/A	Redacted	ok	existing_generic	1	0
363	1	#N/A	Redacted	ok	existing_generic	1	0
364	1	#N/A	Redacted	ok	existing_generic	1	0
365	1	#N/A	Redacted	ok	existing_generic	1	0
366	1	#N/A	Redacted	ok	existing_generic	1	0
367	1	#N/A	Redacted	ok	existing_generic	1	0
368	1	#N/A	Redacted	ok	existing_generic	1	0
369	1	#N/A	Redacted	ok	existing_generic	1	0
370	1	#N/A	Redacted	ok	existing_generic	1	0
371	1	#N/A	Redacted	ok	existing_generic	1	0
372	1	#N/A	Redacted	ok	existing_generic	1	0
373	1	#N/A	Redacted	ok	existing_generic	1	0
374	1	#N/A	Redacted	ok	existing_generic	1	0
375	1	#N/A	Redacted	ok	existing_generic	1	0
376	1	#N/A	Redacted	ok	existing_generic	1	0
377	1	#N/A	Redacted	ok	existing_generic	1	0
378	1	#N/A	Redacted	ok	existing_generic	1	0
379	1	#N/A	Redacted	ok	existing_generic	1	0
380	1	#N/A	Redacted	ok	existing_generic	1	0
381	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
357	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
358	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
359	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
360	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
361	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
362	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
363	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
364	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
365	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
366	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
367	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
368	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
369	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
370	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
371	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
372	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
373	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
374	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
375	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
376	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
377	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
378	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
379	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
380	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
381	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
382	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2023	9	1.45833	Redacted		online
383	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2023	10	1.45833	Redacted		online
384	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2023	11	1.45833	Redacted		online
385	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2023	12	1.45833	Redacted		online
386	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	1	1.45833	Redacted		online
387	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	2	1.45833	Redacted		online
388	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	3	1.45833	Redacted		online
389	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	4	1.45833	Redacted		online
390	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	5	1.45833	Redacted		online
391	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	6	1.45833	Redacted		online
392	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	7	1.45833	Redacted		online
393	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	8	1.45833	Redacted		online
394	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	9	1.45833	Redacted		online
395	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	10	1.45833	Redacted		online
396	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	11	1.45833	Redacted		online
397	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	12	1.45833	Redacted		online
398	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	1	1.45833	Redacted		online
399	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	2	1.45833	Redacted		online
400	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	3	1.45833	Redacted		online
401	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	4	1.45833	Redacted		online
402	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	5	1.45833	Redacted		online
403	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	6	1.45833	Redacted		online
404	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	7	1.45833	Redacted		online
405	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	8	1.45833	Redacted		online
406	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	9	1.45833	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
382		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_9	0.14
383		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_10	0.02
384		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_11	0.02
385		Redacted	Redacted	CAISO_Solar	1	solar	solar_2023_12	0
386		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_1	0.034285714
387		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_2	0.025714286
388		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_3	0.154285714
389		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_4	0.128571429
390		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_5	0.137142857
391		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_6	0.265714286
392		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_7	0.334285714
393		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_8	0.231428571
394		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_9	0.122704067
395		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_10	0.017142857
396		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_11	0.017142857
397		Redacted	Redacted	CAISO_Solar	1	solar	solar_2024_12	0
398		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_1	0.031428571
399		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_2	0.023571429
400		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_3	0.141428571
401		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_4	0.117857143
402		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_5	0.125714286
403		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_6	0.243571429
404		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_7	0.306428571
405		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_8	0.212142857
406		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_9	0.105408133

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
382	1	#N/A	Redacted	ok	existing_generic	1	0
383	1	#N/A	Redacted	ok	existing_generic	1	0
384	1	#N/A	Redacted	ok	existing_generic	1	0
385	1	#N/A	Redacted	ok	existing_generic	1	0
386	1	#N/A	Redacted	ok	existing_generic	1	0
387	1	#N/A	Redacted	ok	existing_generic	1	0
388	1	#N/A	Redacted	ok	existing_generic	1	0
389	1	#N/A	Redacted	ok	existing_generic	1	0
390	1	#N/A	Redacted	ok	existing_generic	1	0
391	1	#N/A	Redacted	ok	existing_generic	1	0
392	1	#N/A	Redacted	ok	existing_generic	1	0
393	1	#N/A	Redacted	ok	existing_generic	1	0
394	1	#N/A	Redacted	ok	existing_generic	1	0
395	1	#N/A	Redacted	ok	existing_generic	1	0
396	1	#N/A	Redacted	ok	existing_generic	1	0
397	1	#N/A	Redacted	ok	existing_generic	1	0
398	1	#N/A	Redacted	ok	existing_generic	1	0
399	1	#N/A	Redacted	ok	existing_generic	1	0
400	1	#N/A	Redacted	ok	existing_generic	1	0
401	1	#N/A	Redacted	ok	existing_generic	1	0
402	1	#N/A	Redacted	ok	existing_generic	1	0
403	1	#N/A	Redacted	ok	existing_generic	1	0
404	1	#N/A	Redacted	ok	existing_generic	1	0
405	1	#N/A	Redacted	ok	existing_generic	1	0
406	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
382	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
383	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
384	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
385	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
386	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
387	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
388	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
389	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
390	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
391	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
392	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
393	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
394	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
395	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
396	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
397	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
398	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
399	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
400	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
401	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
402	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
403	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
404	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
405	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
406	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
407	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	10	1.45833	Redacted		online
408	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	11	1.45833	Redacted		online
409	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	12	1.45833	Redacted		online
410	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	1	1.45833	Redacted		online
411	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	2	1.45833	Redacted		online
412	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	3	1.45833	Redacted		online
413	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	4	1.45833	Redacted		online
414	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	5	1.45833	Redacted		online
415	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	6	1.45833	Redacted		online
416	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	7	1.45833	Redacted		online
417	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	8	1.45833	Redacted		online
418	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	9	1.45833	Redacted		online
419	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	10	1.45833	Redacted		online
420	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	11	1.45833	Redacted		online
421	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	12	1.45833	Redacted		online
422	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	1	1.45833	Redacted		online
423	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	2	1.45833	Redacted		online
424	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	3	1.45833	Redacted		online
425	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	4	1.45833	Redacted		online
426	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	5	1.45833	Redacted		online
427	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	6	1.45833	Redacted		online
428	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	7	1.45833	Redacted		online
429	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	8	1.45833	Redacted		online
430	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	9	1.45833	Redacted		online
431	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	10	1.45833	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
407		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_10	0.015714286
408		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_11	0.015714286
409		Redacted	Redacted	CAISO_Solar	1	solar	solar_2025_12	0
410		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_1	0.025714286
411		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_2	0.019285714
412		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_3	0.115714286
413		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_4	0.096428571
414		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_5	0.102857143
415		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_6	0.199285714
416		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_7	0.250714286
417		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_8	0.173571429
418		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_9	0.0881122
419		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_10	0.012857143
420		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_11	0.012857143
421		Redacted	Redacted	CAISO_Solar	1	solar	solar_2026_12	0
422		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_1	0.025714286
423		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_2	0.019285714
424		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_3	0.115714286
425		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_4	0.096428571
426		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_5	0.102857143
427		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_6	0.199285714
428		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_7	0.250714286
429		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_8	0.173571429
430		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_9	0.088371588
431		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_10	0.012857143

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
407	1	#N/A	Redacted	ok	existing_generic	1	0
408	1	#N/A	Redacted	ok	existing_generic	1	0
409	1	#N/A	Redacted	ok	existing_generic	1	0
410	1	#N/A	Redacted	ok	existing_generic	1	0
411	1	#N/A	Redacted	ok	existing_generic	1	0
412	1	#N/A	Redacted	ok	existing_generic	1	0
413	1	#N/A	Redacted	ok	existing_generic	1	0
414	1	#N/A	Redacted	ok	existing_generic	1	0
415	1	#N/A	Redacted	ok	existing_generic	1	0
416	1	#N/A	Redacted	ok	existing_generic	1	0
417	1	#N/A	Redacted	ok	existing_generic	1	0
418	1	#N/A	Redacted	ok	existing_generic	1	0
419	1	#N/A	Redacted	ok	existing_generic	1	0
420	1	#N/A	Redacted	ok	existing_generic	1	0
421	1	#N/A	Redacted	ok	existing_generic	1	0
422	1	#N/A	Redacted	ok	existing_generic	1	0
423	1	#N/A	Redacted	ok	existing_generic	1	0
424	1	#N/A	Redacted	ok	existing_generic	1	0
425	1	#N/A	Redacted	ok	existing_generic	1	0
426	1	#N/A	Redacted	ok	existing_generic	1	0
427	1	#N/A	Redacted	ok	existing_generic	1	0
428	1	#N/A	Redacted	ok	existing_generic	1	0
429	1	#N/A	Redacted	ok	existing_generic	1	0
430	1	#N/A	Redacted	ok	existing_generic	1	0
431	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
407	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
408	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
409	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
410	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
411	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
412	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
413	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
414	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
415	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
416	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
417	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
418	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
419	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
420	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
421	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
422	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
423	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
424	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
425	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
426	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
427	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
428	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
429	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
430	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
431	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
432	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	11	1.45833	Redacted		online
433	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	12	1.45833	Redacted		online
434	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	1	1.45833	Redacted		online
435	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	2	1.45833	Redacted		online
436	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	3	1.45833	Redacted		online
437	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	4	1.45833	Redacted		online
438	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	5	1.45833	Redacted		online
439	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	6	1.45833	Redacted		online
440	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	7	1.45833	Redacted		online
441	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	8	1.45833	Redacted		online
442	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	9	1.45833	Redacted		online
443	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	10	1.45833	Redacted		online
444	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	11	1.45833	Redacted		online
445	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	12	1.45833	Redacted		online
446	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	1	1.45833	Redacted		online
447	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	2	1.45833	Redacted		online
448	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	3	1.45833	Redacted		online
449	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	4	1.45833	Redacted		online
450	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	5	1.45833	Redacted		online
451	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	6	1.45833	Redacted		online
452	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	7	1.45833	Redacted		online
453	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	8	1.45833	Redacted		online
454	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	9	1.45833	Redacted		online
455	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	10	1.45833	Redacted		online
456	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	11	1.45833	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
432		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_11	0.012857143
433		Redacted	Redacted	CAISO_Solar	1	solar	solar_2027_12	0
434		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_1	0.025714286
435		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_2	0.019285714
436		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_3	0.115714286
437		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_4	0.096428571
438		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_5	0.102857143
439		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_6	0.199285714
440		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_7	0.250714286
441		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_8	0.173571429
442		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_9	0.088630976
443		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_10	0.012857143
444		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_11	0.012857143
445		Redacted	Redacted	CAISO_Solar	1	solar	solar_2028_12	0
446		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_1	0.025714286
447		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_2	0.019285714
448		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_3	0.115714286
449		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_4	0.096428571
450		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_5	0.102857143
451		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_6	0.199285714
452		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_7	0.250714286
453		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_8	0.173571429
454		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_9	0.088890363
455		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_10	0.012857143
456		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_11	0.012857143

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
432	1	#N/A	Redacted	ok	existing_generic	1	0
433	1	#N/A	Redacted	ok	existing_generic	1	0
434	1	#N/A	Redacted	ok	existing_generic	1	0
435	1	#N/A	Redacted	ok	existing_generic	1	0
436	1	#N/A	Redacted	ok	existing_generic	1	0
437	1	#N/A	Redacted	ok	existing_generic	1	0
438	1	#N/A	Redacted	ok	existing_generic	1	0
439	1	#N/A	Redacted	ok	existing_generic	1	0
440	1	#N/A	Redacted	ok	existing_generic	1	0
441	1	#N/A	Redacted	ok	existing_generic	1	0
442	1	#N/A	Redacted	ok	existing_generic	1	0
443	1	#N/A	Redacted	ok	existing_generic	1	0
444	1	#N/A	Redacted	ok	existing_generic	1	0
445	1	#N/A	Redacted	ok	existing_generic	1	0
446	1	#N/A	Redacted	ok	existing_generic	1	0
447	1	#N/A	Redacted	ok	existing_generic	1	0
448	1	#N/A	Redacted	ok	existing_generic	1	0
449	1	#N/A	Redacted	ok	existing_generic	1	0
450	1	#N/A	Redacted	ok	existing_generic	1	0
451	1	#N/A	Redacted	ok	existing_generic	1	0
452	1	#N/A	Redacted	ok	existing_generic	1	0
453	1	#N/A	Redacted	ok	existing_generic	1	0
454	1	#N/A	Redacted	ok	existing_generic	1	0
455	1	#N/A	Redacted	ok	existing_generic	1	0
456	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
432	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
433	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
434	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
435	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
436	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
437	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
438	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
439	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
440	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
441	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
442	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
443	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
444	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
445	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
446	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
447	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
448	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
449	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
450	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
451	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
452	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
453	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
454	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
455	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
456	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
457	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	12	1.45833	Redacted		online
458	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	1	1.45833	Redacted		online
459	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	2	1.45833	Redacted		online
460	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	3	1.45833	Redacted		online
461	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	4	1.45833	Redacted		online
462	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	5	1.45833	Redacted		online
463	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	6	1.45833	Redacted		online
464	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	7	1.45833	Redacted		online
465	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	8	1.45833	Redacted		online
466	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	9	1.45833	Redacted		online
467	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	10	1.45833	Redacted		online
468	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	11	1.45833	Redacted		online
469	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	12	1.45833	Redacted		online
470	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	1	2.5	Redacted		online
471	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	2	2.5	Redacted		online
472	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	3	2.5	Redacted		online
473	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	4	2.5	Redacted		online
474	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	5	2.5	Redacted		online
475	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	6	2.5	Redacted		online
476	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	7	2.5	Redacted		online
477	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	8	2.5	Redacted		online
478	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	9	2.5	Redacted		online
479	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	10	2.5	Redacted		online
480	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	11	2.5	Redacted		online
481	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	12	2.5	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
457		Redacted	Redacted	CAISO_Solar	1	solar	solar_2029_12	0
458		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_1	0.025714286
459		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_2	0.019285714
460		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_3	0.115714286
461		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_4	0.096428571
462		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_5	0.102857143
463		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_6	0.199285714
464		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_7	0.250714286
465		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_8	0.173571429
466		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_9	0.089149751
467		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_10	0.012857143
468		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_11	0.012857143
469		Redacted	Redacted	CAISO_Solar	1	solar	solar_2030_12	0
470		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_1	0.95
471		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_2	0.92
472		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_3	0.88
473		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_4	0.76
474		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_5	0.74
475		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_6	0.7
476		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_7	0.84
477		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_8	0.82
478		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_9	0.83
479		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_10	0.86
480		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_11	0.93
481		Redacted	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_12	0.95

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
457	1	#N/A	Redacted	ok	existing_generic	1	0
458	1	#N/A	Redacted	ok	existing_generic	1	0
459	1	#N/A	Redacted	ok	existing_generic	1	0
460	1	#N/A	Redacted	ok	existing_generic	1	0
461	1	#N/A	Redacted	ok	existing_generic	1	0
462	1	#N/A	Redacted	ok	existing_generic	1	0
463	1	#N/A	Redacted	ok	existing_generic	1	0
464	1	#N/A	Redacted	ok	existing_generic	1	0
465	1	#N/A	Redacted	ok	existing_generic	1	0
466	1	#N/A	Redacted	ok	existing_generic	1	0
467	1	#N/A	Redacted	ok	existing_generic	1	0
468	1	#N/A	Redacted	ok	existing_generic	1	0
469	1	#N/A	Redacted	ok	existing_generic	1	0
470	1	#N/A	Redacted	ok	existing_generic	1	0
471	1	#N/A	Redacted	ok	existing_generic	1	0
472	1	#N/A	Redacted	ok	existing_generic	1	0
473	1	#N/A	Redacted	ok	existing_generic	1	0
474	1	#N/A	Redacted	ok	existing_generic	1	0
475	1	#N/A	Redacted	ok	existing_generic	1	0
476	1	#N/A	Redacted	ok	existing_generic	1	0
477	1	#N/A	Redacted	ok	existing_generic	1	0
478	1	#N/A	Redacted	ok	existing_generic	1	0
479	1	#N/A	Redacted	ok	existing_generic	1	0
480	1	#N/A	Redacted	ok	existing_generic	1	0
481	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
457	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
458	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
459	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
460	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
461	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
462	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
463	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
464	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
465	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
466	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
467	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
468	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
469	existing_generic_solar_1axis_1575 Direct_PCC1_LT_1_PCC1 can be from either of two resources	0	0	1	1	1	1	1	1	1	1
470	existing_generic_geothermal_1583 Calpine_PCC1_1_LCE_none	1	11	1	1	1	1	1	1	1	1
471	existing_generic_geothermal_1583 Calpine_PCC1_1_LCE_none	0	0	1	1	1	1	1	1	1	1
472	existing_generic_geothermal_1583 Calpine_PCC1_1_LCE_none	0	0	1	1	1	1	1	1	1	1
473	existing_generic_geothermal_1583 Calpine_PCC1_1_LCE_none	0	0	1	1	1	1	1	1	1	1
474	existing_generic_geothermal_1583 Calpine_PCC1_1_LCE_none	0	0	1	1	1	1	1	1	1	1
475	existing_generic_geothermal_1583 Calpine_PCC1_1_LCE_none	0	0	1	1	1	1	1	1	1	1
476	existing_generic_geothermal_1583 Calpine_PCC1_1_LCE_none	0	0	1	1	1	1	1	1	1	1
477	existing_generic_geothermal_1583 Calpine_PCC1_1_LCE_none	0	0	1	1	1	1	1	1	1	1
478	existing_generic_geothermal_1583 Calpine_PCC1_1_LCE_none	0	0	1	1	1	1	1	1	1	1
479	existing_generic_geothermal_1583 Calpine_PCC1_1_LCE_none	0	0	1	1	1	1	1	1	1	1
480	existing_generic_geothermal_1583 Calpine_PCC1_1_LCE_none	0	0	1	1	1	1	1	1	1	1
481	existing_generic_geothermal_1583 Calpine_PCC1_1_LCE_none	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
482	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	1	18.6	Redacted		online
483	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	2	17.4	Redacted		online
484	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	3	18.575	Redacted		online
485	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	4	18	Redacted		online
486	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	5	18.6	Redacted		online
487	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	6	18	Redacted		online
488	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	7	18.6	Redacted		online
489	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	8	18.6	Redacted		online
490	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	9	18	Redacted		online
491	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	10	18.6	Redacted		online
492	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	11	18.025	Redacted		online
493	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	12	18.6	Redacted		online
494	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	1	4.979	Redacted		online
495	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	2	3.986	Redacted		online
496	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	3	0	Redacted		online
497	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	4	0	Redacted		online
498	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	5	0	Redacted		online
499	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	6	0	Redacted		online
500	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	7	0	Redacted		online
501	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	8	0	Redacted		online
502	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	9	0	Redacted		online
503	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	10	0	Redacted		online
504	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	11	0	Redacted		online
505	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	12	0	Redacted		online
506	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	1	13.314	Redacted		online
507	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	2	8.472	Redacted		online
508	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	3	4.989	Redacted		online
509	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	4	3.43	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
482		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_1	0
483		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_2	0
484		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_3	0
485		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_4	0
486		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_5	0
487		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_6	0
488		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_7	0
489		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_8	0
490		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_9	0
491		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_10	0
492		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_11	0
493		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_12	0
494		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_1	0
495		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_2	0
496		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_3	0
497		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_4	0
498		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_5	0
499		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_6	0
500		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_7	0
501		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_8	0
502		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_9	0
503		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_10	0
504		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_11	0
505		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_12	0
506		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_1	0
507		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_2	0
508		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_3	0
509		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_4	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
482	1	#N/A	Redacted	ok	special	1	0
483	1	#N/A	Redacted	ok	special	1	0
484	1	#N/A	Redacted	ok	special	1	0
485	1	#N/A	Redacted	ok	special	1	0
486	1	#N/A	Redacted	ok	special	1	0
487	1	#N/A	Redacted	ok	special	1	0
488	1	#N/A	Redacted	ok	special	1	0
489	1	#N/A	Redacted	ok	special	1	0
490	1	#N/A	Redacted	ok	special	1	0
491	1	#N/A	Redacted	ok	special	1	0
492	1	#N/A	Redacted	ok	special	1	0
493	1	#N/A	Redacted	ok	special	1	0
494	1	#N/A	Redacted	ok	special	1	0
495	1	#N/A	Redacted	ok	special	1	0
496	1	#N/A	Redacted	ok	special	0	0
497	1	#N/A	Redacted	ok	special	0	0
498	1	#N/A	Redacted	ok	special	0	0
499	1	#N/A	Redacted	ok	special	0	0
500	1	#N/A	Redacted	ok	special	0	0
501	1	#N/A	Redacted	ok	special	0	0
502	1	#N/A	Redacted	ok	special	0	0
503	1	#N/A	Redacted	ok	special	0	0
504	1	#N/A	Redacted	ok	special	0	0
505	1	#N/A	Redacted	ok	special	0	0
506	1	#N/A	Redacted	ok	special	1	0
507	1	#N/A	Redacted	ok	special	1	0
508	1	#N/A	Redacted	ok	special	1	0
509	1	#N/A	Redacted	ok	special	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
482	unspecified_non_import_1584 Direct_ATC_1_LCE_System, 0.428	1	12	1	1	1	1	1	1	1	1
483	unspecified_non_import_1584 Direct_ATC_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
484	unspecified_non_import_1584 Direct_ATC_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
485	unspecified_non_import_1584 Direct_ATC_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
486	unspecified_non_import_1584 Direct_ATC_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
487	unspecified_non_import_1584 Direct_ATC_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
488	unspecified_non_import_1584 Direct_ATC_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
489	unspecified_non_import_1584 Direct_ATC_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
490	unspecified_non_import_1584 Direct_ATC_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
491	unspecified_non_import_1584 Direct_ATC_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
492	unspecified_non_import_1584 Direct_ATC_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
493	unspecified_non_import_1584 Direct_ATC_1_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
494	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	1	13	1	1	1	1	1	1	1	1
495	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
496	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
497	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
498	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
499	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
500	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
501	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
502	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
503	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
504	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
505	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
506	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
507	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
508	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
509	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
510	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	5	4.52	Redacted		online
511	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	6	13.774	Redacted		online
512	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	7	16.681	Redacted		online
513	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	8	15.207	Redacted		online
514	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	9	9.291	Redacted		online
515	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	10	10.801	Redacted		online
516	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	11	8.391	Redacted		online
517	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	12	14.889	Redacted		online
518	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	1	12.199	Redacted		online
519	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	2	9.292	Redacted		online
520	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	3	7.552	Redacted		online
521	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	4	5.487	Redacted		online
522	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	5	5.383	Redacted		online
523	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	6	14.1	Redacted		online
524	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	7	18.004	Redacted		online
525	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	8	17.884	Redacted		online
526	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	9	11.364	Redacted		online
527	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	10	11.416	Redacted		online
528	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	11	10.816	Redacted		online
529	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	12	12.622	Redacted		online
530	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	1	2	Redacted		online
531	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	2	2	Redacted		online
532	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	3	2	Redacted		online
533	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	4	2	Redacted		online
534	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	5	2	Redacted		online
535	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	6	2	Redacted		online
536	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	7	2	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
510		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_5	0
511		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_6	0
512		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_7	0
513		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_8	0
514		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_9	0
515		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_10	0
516		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_11	0
517		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_12	0
518		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_1	0
519		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_2	0
520		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_3	0
521		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_4	0
522		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_5	0
523		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_6	0
524		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_7	0
525		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_8	0
526		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_9	0
527		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_10	0
528		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_11	0
529		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_12	0
530		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2021_1	0
531		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2021_2	0
532		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2021_3	0
533		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2021_4	0
534		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2021_5	0
535		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2021_6	0
536		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2021_7	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
510	1	#N/A	Redacted	ok	special	1	0
511	1	#N/A	Redacted	ok	special	1	0
512	1	#N/A	Redacted	ok	special	1	0
513	1	#N/A	Redacted	ok	special	1	0
514	1	#N/A	Redacted	ok	special	1	0
515	1	#N/A	Redacted	ok	special	1	0
516	1	#N/A	Redacted	ok	special	1	0
517	1	#N/A	Redacted	ok	special	1	0
518	1	#N/A	Redacted	ok	special	1	0
519	1	#N/A	Redacted	ok	special	1	0
520	1	#N/A	Redacted	ok	special	1	0
521	1	#N/A	Redacted	ok	special	1	0
522	1	#N/A	Redacted	ok	special	1	0
523	1	#N/A	Redacted	ok	special	1	0
524	1	#N/A	Redacted	ok	special	1	0
525	1	#N/A	Redacted	ok	special	1	0
526	1	#N/A	Redacted	ok	special	1	0
527	1	#N/A	Redacted	ok	special	1	0
528	1	#N/A	Redacted	ok	special	1	0
529	1	#N/A	Redacted	ok	special	1	0
530	1	#N/A	Redacted	ok	special	1	0
531	1	#N/A	Redacted	ok	special	1	0
532	1	#N/A	Redacted	ok	special	1	0
533	1	#N/A	Redacted	ok	special	1	0
534	1	#N/A	Redacted	ok	special	1	0
535	1	#N/A	Redacted	ok	special	1	0
536	1	#N/A	Redacted	ok	special	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
510	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
511	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
512	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
513	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
514	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
515	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
516	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
517	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
518	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
519	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
520	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
521	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
522	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
523	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
524	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
525	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
526	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
527	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
528	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
529	unspecified_non_import_1619 Direct_Shaped_7_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
530	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	1	14	1	1	1	1	1	1	1	1
531	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
532	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
533	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
534	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
535	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
536	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
537	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	8	2	Redacted		online
538	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	9	2	Redacted		online
539	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	10	2	Redacted		online
540	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	11	2	Redacted		online
541	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	12	2	Redacted		online
542	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	1	2	Redacted		online
543	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	2	2	Redacted		online
544	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	3	2	Redacted		online
545	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	4	2	Redacted		online
546	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	5	2	Redacted		online
547	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	6	2	Redacted		online
548	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	7	2	Redacted		online
549	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	8	2	Redacted		online
550	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	9	2	Redacted		online
551	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	10	2	Redacted		online
552	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	11	2	Redacted		online
553	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	12	2	Redacted		online
554	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	1	2	Redacted		online
555	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	2	2	Redacted		online
556	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	3	2	Redacted		online
557	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	4	2	Redacted		online
558	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	5	2	Redacted		online
559	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	6	2	Redacted		online
560	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	7	2	Redacted		online
561	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	8	2	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
537		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2021_8	0
538		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2021_9	0
539		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2021_10	0
540		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2021_11	0
541		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2021_12	0
542		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2022_1	0
543		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2022_2	0
544		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2022_3	0
545		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2022_4	0
546		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2022_5	0
547		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2022_6	0
548		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2022_7	0
549		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2022_8	0
550		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2022_9	0
551		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2022_10	0
552		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2022_11	0
553		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2022_12	0
554		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2023_1	0
555		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2023_2	0
556		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2023_3	0
557		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2023_4	0
558		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2023_5	0
559		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2023_6	0
560		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2023_7	0
561		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2023_8	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
537	1	#N/A	Redacted	ok	special	1	0
538	1	#N/A	Redacted	ok	special	1	0
539	1	#N/A	Redacted	ok	special	1	0
540	1	#N/A	Redacted	ok	special	1	0
541	1	#N/A	Redacted	ok	special	1	0
542	1	#N/A	Redacted	ok	special	1	0
543	1	#N/A	Redacted	ok	special	1	0
544	1	#N/A	Redacted	ok	special	1	0
545	1	#N/A	Redacted	ok	special	1	0
546	1	#N/A	Redacted	ok	special	1	0
547	1	#N/A	Redacted	ok	special	1	0
548	1	#N/A	Redacted	ok	special	1	0
549	1	#N/A	Redacted	ok	special	1	0
550	1	#N/A	Redacted	ok	special	1	0
551	1	#N/A	Redacted	ok	special	1	0
552	1	#N/A	Redacted	ok	special	1	0
553	1	#N/A	Redacted	ok	special	1	0
554	1	#N/A	Redacted	ok	special	1	0
555	1	#N/A	Redacted	ok	special	1	0
556	1	#N/A	Redacted	ok	special	1	0
557	1	#N/A	Redacted	ok	special	1	0
558	1	#N/A	Redacted	ok	special	1	0
559	1	#N/A	Redacted	ok	special	1	0
560	1	#N/A	Redacted	ok	special	1	0
561	1	#N/A	Redacted	ok	special	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
537	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
538	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
539	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
540	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
541	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
542	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
543	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
544	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
545	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
546	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
547	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
548	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
549	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
550	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
551	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
552	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
553	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
554	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
555	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
556	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
557	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
558	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
559	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
560	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
561	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
562	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	9	2	Redacted		online
563	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	10	2	Redacted		online
564	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	11	2	Redacted		online
565	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	12	2	Redacted		online
566	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	1	2	Redacted		online
567	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	2	2	Redacted		online
568	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	3	2	Redacted		online
569	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	4	2	Redacted		online
570	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	5	2	Redacted		online
571	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	6	2	Redacted		online
572	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	7	2	Redacted		online
573	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	8	2	Redacted		online
574	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	9	2	Redacted		online
575	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	10	2	Redacted		online
576	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	11	2	Redacted		online
577	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	12	2	Redacted		online
578	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	1	2	Redacted		online
579	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	2	2	Redacted		online
580	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	3	2	Redacted		online
581	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	4	2	Redacted		online
582	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	5	2	Redacted		online
583	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	6	2	Redacted		online
584	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	7	2	Redacted		online
585	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	8	2	Redacted		online
586	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	9	2	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
562		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2023_9	0
563		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2023_10	0
564		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2023_11	0
565		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2023_12	0
566		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2024_1	0
567		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2024_2	0
568		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2024_3	0
569		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2024_4	0
570		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2024_5	0
571		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2024_6	0
572		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2024_7	0
573		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2024_8	0
574		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2024_9	0
575		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2024_10	0
576		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2024_11	0
577		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2024_12	0
578		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2025_1	0
579		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2025_2	0
580		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2025_3	0
581		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2025_4	0
582		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2025_5	0
583		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2025_6	0
584		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2025_7	0
585		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2025_8	0
586		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2025_9	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
562	1	#N/A	Redacted	ok	special	1	0
563	1	#N/A	Redacted	ok	special	1	0
564	1	#N/A	Redacted	ok	special	1	0
565	1	#N/A	Redacted	ok	special	1	0
566	1	#N/A	Redacted	ok	special	1	0
567	1	#N/A	Redacted	ok	special	1	0
568	1	#N/A	Redacted	ok	special	1	0
569	1	#N/A	Redacted	ok	special	1	0
570	1	#N/A	Redacted	ok	special	1	0
571	1	#N/A	Redacted	ok	special	1	0
572	1	#N/A	Redacted	ok	special	1	0
573	1	#N/A	Redacted	ok	special	1	0
574	1	#N/A	Redacted	ok	special	1	0
575	1	#N/A	Redacted	ok	special	1	0
576	1	#N/A	Redacted	ok	special	1	0
577	1	#N/A	Redacted	ok	special	1	0
578	1	#N/A	Redacted	ok	special	1	0
579	1	#N/A	Redacted	ok	special	1	0
580	1	#N/A	Redacted	ok	special	1	0
581	1	#N/A	Redacted	ok	special	1	0
582	1	#N/A	Redacted	ok	special	1	0
583	1	#N/A	Redacted	ok	special	1	0
584	1	#N/A	Redacted	ok	special	1	0
585	1	#N/A	Redacted	ok	special	1	0
586	1	#N/A	Redacted	ok	special	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
562	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
563	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
564	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
565	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
566	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
567	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
568	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
569	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
570	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
571	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
572	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
573	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
574	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
575	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
576	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
577	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
578	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
579	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
580	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
581	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
582	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
583	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
584	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
585	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
586	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
587	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	10	2	Redacted		online
588	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	11	2	Redacted		online
589	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	12	2	Redacted		online
590	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	1	2	Redacted		online
591	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	2	2	Redacted		online
592	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	3	2	Redacted		online
593	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	4	2	Redacted		online
594	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	5	2	Redacted		online
595	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	6	2	Redacted		online
596	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	7	2	Redacted		online
597	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	8	2	Redacted		online
598	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	9	2	Redacted		online
599	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	10	2	Redacted		online
600	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	11	2	Redacted		online
601	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	12	2	Redacted		online
602	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	1	2	Redacted		online
603	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	2	2	Redacted		online
604	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	3	2	Redacted		online
605	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	4	2	Redacted		online
606	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	5	2	Redacted		online
607	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	6	2	Redacted		online
608	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	7	2	Redacted		online
609	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	8	2	Redacted		online
610	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	9	2	Redacted		online
611	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	10	2	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
587		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2025_10	0
588		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2025_11	0
589		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2025_12	0
590		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2026_1	0
591		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2026_2	0
592		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2026_3	0
593		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2026_4	0
594		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2026_5	0
595		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2026_6	0
596		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2026_7	0
597		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2026_8	0
598		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2026_9	0
599		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2026_10	0
600		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2026_11	0
601		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2026_12	0
602		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2027_1	0
603		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2027_2	0
604		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2027_3	0
605		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2027_4	0
606		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2027_5	0
607		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2027_6	0
608		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2027_7	0
609		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2027_8	0
610		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2027_9	0
611		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2027_10	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
587	1	#N/A	Redacted	ok	special	1	0
588	1	#N/A	Redacted	ok	special	1	0
589	1	#N/A	Redacted	ok	special	1	0
590	1	#N/A	Redacted	ok	special	1	0
591	1	#N/A	Redacted	ok	special	1	0
592	1	#N/A	Redacted	ok	special	1	0
593	1	#N/A	Redacted	ok	special	1	0
594	1	#N/A	Redacted	ok	special	1	0
595	1	#N/A	Redacted	ok	special	1	0
596	1	#N/A	Redacted	ok	special	1	0
597	1	#N/A	Redacted	ok	special	1	0
598	1	#N/A	Redacted	ok	special	1	0
599	1	#N/A	Redacted	ok	special	1	0
600	1	#N/A	Redacted	ok	special	1	0
601	1	#N/A	Redacted	ok	special	1	0
602	1	#N/A	Redacted	ok	special	1	0
603	1	#N/A	Redacted	ok	special	1	0
604	1	#N/A	Redacted	ok	special	1	0
605	1	#N/A	Redacted	ok	special	1	0
606	1	#N/A	Redacted	ok	special	1	0
607	1	#N/A	Redacted	ok	special	1	0
608	1	#N/A	Redacted	ok	special	1	0
609	1	#N/A	Redacted	ok	special	1	0
610	1	#N/A	Redacted	ok	special	1	0
611	1	#N/A	Redacted	ok	special	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
587	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
588	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
589	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
590	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
591	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
592	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
593	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
594	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
595	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
596	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
597	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
598	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
599	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
600	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
601	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
602	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
603	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
604	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
605	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
606	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
607	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
608	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
609	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
610	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
611	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
612	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	11	2	Redacted		online
613	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	12	2	Redacted		online
614	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	1	2	Redacted		online
615	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	2	2	Redacted		online
616	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	3	2	Redacted		online
617	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	4	2	Redacted		online
618	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	5	2	Redacted		online
619	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	6	2	Redacted		online
620	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	7	2	Redacted		online
621	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	8	2	Redacted		online
622	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	9	2	Redacted		online
623	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	10	2	Redacted		online
624	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	11	2	Redacted		online
625	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	12	2	Redacted		online
626	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	1	2	Redacted		online
627	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	2	2	Redacted		online
628	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	3	2	Redacted		online
629	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	4	2	Redacted		online
630	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	5	2	Redacted		online
631	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	6	2	Redacted		online
632	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	7	2	Redacted		online
633	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	8	2	Redacted		online
634	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	9	2	Redacted		online
635	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	10	2	Redacted		online
636	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	11	2	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
612		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2027_11	0
613		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2027_12	0
614		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2028_1	0
615		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2028_2	0
616		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2028_3	0
617		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2028_4	0
618		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2028_5	0
619		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2028_6	0
620		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2028_7	0
621		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2028_8	0
622		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2028_9	0
623		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2028_10	0
624		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2028_11	0
625		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2028_12	0
626		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2029_1	0
627		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2029_2	0
628		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2029_3	0
629		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2029_4	0
630		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2029_5	0
631		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2029_6	0
632		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2029_7	0
633		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2029_8	0
634		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2029_9	0
635		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2029_10	0
636		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2029_11	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
612	1	#N/A	Redacted	ok	special	1	0
613	1	#N/A	Redacted	ok	special	1	0
614	1	#N/A	Redacted	ok	special	1	0
615	1	#N/A	Redacted	ok	special	1	0
616	1	#N/A	Redacted	ok	special	1	0
617	1	#N/A	Redacted	ok	special	1	0
618	1	#N/A	Redacted	ok	special	1	0
619	1	#N/A	Redacted	ok	special	1	0
620	1	#N/A	Redacted	ok	special	1	0
621	1	#N/A	Redacted	ok	special	1	0
622	1	#N/A	Redacted	ok	special	1	0
623	1	#N/A	Redacted	ok	special	1	0
624	1	#N/A	Redacted	ok	special	1	0
625	1	#N/A	Redacted	ok	special	1	0
626	1	#N/A	Redacted	ok	special	1	0
627	1	#N/A	Redacted	ok	special	1	0
628	1	#N/A	Redacted	ok	special	1	0
629	1	#N/A	Redacted	ok	special	1	0
630	1	#N/A	Redacted	ok	special	1	0
631	1	#N/A	Redacted	ok	special	1	0
632	1	#N/A	Redacted	ok	special	1	0
633	1	#N/A	Redacted	ok	special	1	0
634	1	#N/A	Redacted	ok	special	1	0
635	1	#N/A	Redacted	ok	special	1	0
636	1	#N/A	Redacted	ok	special	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
612	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
613	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
614	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
615	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
616	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
617	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
618	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
619	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
620	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
621	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
622	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
623	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
624	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
625	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
626	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
627	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
628	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
629	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
630	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
631	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
632	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
633	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
634	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
635	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
636	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
637	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	12	2	Redacted		online
638	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2030	1	2	Redacted		online
639	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2030	2	2	Redacted		online
640	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2030	3	2	Redacted		online
641	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2030	4	2	Redacted		online
642	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2030	5	2	Redacted		online
643	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2030	6	2	Redacted		online
644	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2030	7	2	Redacted		online
645	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2030	8	2	Redacted		online
646	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2030	9	2	Redacted		online
647	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2030	10	2	Redacted		online
648	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2030	11	2	Redacted		online
649	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2030	12	2	Redacted		online
650	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	1	2.256924577	Redacted		development
651	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	2	2.384108205	Redacted		development
652	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	3	2.939772279	Redacted		development
653	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	4	3.308370753	Redacted		development
654	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	5	3.877063591	Redacted		development
655	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	6	3.818138791	Redacted		development
656	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	7	2.99705347	Redacted		development
657	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	8	2.660059535	Redacted		development
658	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	9	2.013146344	Redacted		development
659	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	10	2.219957582	Redacted		development
660	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	11	2.174569199	Redacted		development
661	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	12	2.357850196	Redacted		development

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
637		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2029_12	0
638		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2030_1	0
639		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2030_2	0
640		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2030_3	0
641		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2030_4	0
642		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2030_5	0
643		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2030_6	0
644		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2030_7	0
645		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2030_8	0
646		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2030_9	0
647		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2030_10	0
648		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2030_11	0
649		Redacted	Redacted	unbundled_rec	1	unknown	unknown_2030_12	0
650		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_1	0.14
651		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_2	0.12
652		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_3	0.28
653		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_4	0.25
654		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_5	0.25
655		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_6	0.33
656		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_7	0.23
657		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_8	0.21
658		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_9	0.15
659		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_10	0.08
660		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_11	0.12
661		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_12	0.13

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
637	1	#N/A	Redacted	ok	special	1	0
638	1	#N/A	Redacted	ok	special	1	0
639	1	#N/A	Redacted	ok	special	1	0
640	1	#N/A	Redacted	ok	special	1	0
641	1	#N/A	Redacted	ok	special	1	0
642	1	#N/A	Redacted	ok	special	1	0
643	1	#N/A	Redacted	ok	special	1	0
644	1	#N/A	Redacted	ok	special	1	0
645	1	#N/A	Redacted	ok	special	1	0
646	1	#N/A	Redacted	ok	special	1	0
647	1	#N/A	Redacted	ok	special	1	0
648	1	#N/A	Redacted	ok	special	1	0
649	1	#N/A	Redacted	ok	special	1	0
650	1	#N/A	Redacted	ok	new_resolve	1	1
651	1	#N/A	Redacted	ok	new_resolve	1	1
652	1	#N/A	Redacted	ok	new_resolve	1	1
653	1	#N/A	Redacted	ok	new_resolve	1	1
654	1	#N/A	Redacted	ok	new_resolve	1	1
655	1	#N/A	Redacted	ok	new_resolve	1	1
656	1	#N/A	Redacted	ok	new_resolve	1	1
657	1	#N/A	Redacted	ok	new_resolve	1	1
658	1	#N/A	Redacted	ok	new_resolve	1	1
659	1	#N/A	Redacted	ok	new_resolve	1	1
660	1	#N/A	Redacted	ok	new_resolve	1	1
661	1	#N/A	Redacted	ok	new_resolve	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
637	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
638	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
639	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
640	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
641	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
642	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
643	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
644	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
645	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
646	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
647	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
648	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
649	unbundled_rec_1627 3Phases_PCC3_LT_1_LCE_PCC3, Biomethane	0	0	1	1	1	1	1	1	1	1
650	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	1	15	1	1	1	1	1	1	1	1
651	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
652	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
653	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
654	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
655	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
656	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
657	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
658	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
659	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
660	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
661	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
662	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	1	2.256924577	Redacted		development
663	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	2	2.384108205	Redacted		development
664	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	3	2.939772279	Redacted		development
665	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	4	3.308370753	Redacted		development
666	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	5	3.877063591	Redacted		development
667	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	6	3.818138791	Redacted		development
668	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	7	2.99705347	Redacted		development
669	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	8	2.660059535	Redacted		development
670	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	9	2.013146344	Redacted		development
671	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	10	2.219957582	Redacted		development
672	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	11	2.174569199	Redacted		development
673	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	12	2.357850196	Redacted		development
674	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	1	2.256924577	Redacted		development
675	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	2	2.384108205	Redacted		development
676	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	3	2.939772279	Redacted		development
677	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	4	3.308370753	Redacted		development
678	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	5	3.877063591	Redacted		development
679	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	6	3.818138791	Redacted		development
680	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	7	2.99705347	Redacted		development
681	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	8	2.660059535	Redacted		development
682	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	9	2.013146344	Redacted		development
683	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	10	2.219957582	Redacted		development
684	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	11	2.174569199	Redacted		development
685	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	12	2.357850196	Redacted		development
686	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2024	1	2.256924577	Redacted		development

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
662		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_1	0.14
663		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_2	0.12
664		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_3	0.28
665		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_4	0.25
666		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_5	0.25
667		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_6	0.33
668		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_7	0.23
669		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_8	0.21
670		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_9	0.15
671		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_10	0.08
672		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_11	0.12
673		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_12	0.13
674		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_1	0.14
675		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_2	0.12
676		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_3	0.28
677		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_4	0.25
678		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_5	0.25
679		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_6	0.33
680		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_7	0.23
681		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_8	0.21
682		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_9	0.15
683		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_10	0.08
684		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_11	0.12
685		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_12	0.13
686		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_1	0.158666667

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
662	1	#N/A	Redacted	ok	new_resolve	1	1
663	1	#N/A	Redacted	ok	new_resolve	1	1
664	1	#N/A	Redacted	ok	new_resolve	1	1
665	1	#N/A	Redacted	ok	new_resolve	1	1
666	1	#N/A	Redacted	ok	new_resolve	1	1
667	1	#N/A	Redacted	ok	new_resolve	1	1
668	1	#N/A	Redacted	ok	new_resolve	1	1
669	1	#N/A	Redacted	ok	new_resolve	1	1
670	1	#N/A	Redacted	ok	new_resolve	1	1
671	1	#N/A	Redacted	ok	new_resolve	1	1
672	1	#N/A	Redacted	ok	new_resolve	1	1
673	1	#N/A	Redacted	ok	new_resolve	1	1
674	1	#N/A	Redacted	ok	new_resolve	1	1
675	1	#N/A	Redacted	ok	new_resolve	1	1
676	1	#N/A	Redacted	ok	new_resolve	1	1
677	1	#N/A	Redacted	ok	new_resolve	1	1
678	1	#N/A	Redacted	ok	new_resolve	1	1
679	1	#N/A	Redacted	ok	new_resolve	1	1
680	1	#N/A	Redacted	ok	new_resolve	1	1
681	1	#N/A	Redacted	ok	new_resolve	1	1
682	1	#N/A	Redacted	ok	new_resolve	1	1
683	1	#N/A	Redacted	ok	new_resolve	1	1
684	1	#N/A	Redacted	ok	new_resolve	1	1
685	1	#N/A	Redacted	ok	new_resolve	1	1
686	1	#N/A	Redacted	ok	new_resolve	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
662	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
663	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
664	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
665	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
666	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
667	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
668	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
669	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
670	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
671	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
672	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
673	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
674	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
675	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
676	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
677	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
678	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
679	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
680	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
681	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
682	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
683	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
684	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
685	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
686	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
687	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2024	2	2.469254926	Redacted		development
688	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2024	3	2.939772279	Redacted		development
689	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2024	4	3.308370753	Redacted		development
690	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2024	5	3.877063591	Redacted		development
691	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2024	6	3.818138791	Redacted		development
692	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2024	7	2.99705347	Redacted		development
693	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2024	8	2.660059535	Redacted		development
694	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2024	9	2.013146344	Redacted		development
695	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2024	10	2.219957582	Redacted		development
696	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2024	11	2.174569199	Redacted		development
697	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2024	12	2.357850196	Redacted		development
698	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2025	1	2.256924577	Redacted		development
699	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2025	2	2.384108205	Redacted		development
700	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2025	3	2.939772279	Redacted		development
701	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2025	4	3.308370753	Redacted		development
702	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2025	5	3.877063591	Redacted		development
703	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2025	6	3.818138791	Redacted		development
704	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2025	7	2.99705347	Redacted		development
705	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2025	8	2.660059535	Redacted		development
706	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2025	9	2.013146344	Redacted		development
707	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2025	10	2.219957582	Redacted		development
708	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2025	11	2.174569199	Redacted		development
709	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2025	12	2.357850196	Redacted		development
710	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	1	2.256924577	Redacted		development
711	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	2	2.384108205	Redacted		development

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
687		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_2	0.136
688		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_3	0.317333333
689		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_4	0.283333333
690		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_5	0.283333333
691		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_6	0.374
692		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_7	0.260666667
693		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_8	0.238
694		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_9	0.173333333
695		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_10	0.090666667
696		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_11	0.136
697		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_12	0.147333333
698		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_1	0.186666667
699		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_2	0.16
700		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_3	0.373333333
701		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_4	0.333333333
702		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_5	0.333333333
703		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_6	0.44
704		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_7	0.306666667
705		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_8	0.28
706		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_9	0.196666667
707		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_10	0.106666667
708		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_11	0.16
709		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_12	0.173333333
710		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_1	0.205333333
711		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_2	0.176

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
687	1	#N/A	Redacted	ok	new_resolve	1	1
688	1	#N/A	Redacted	ok	new_resolve	1	1
689	1	#N/A	Redacted	ok	new_resolve	1	1
690	1	#N/A	Redacted	ok	new_resolve	1	1
691	1	#N/A	Redacted	ok	new_resolve	1	1
692	1	#N/A	Redacted	ok	new_resolve	1	1
693	1	#N/A	Redacted	ok	new_resolve	1	1
694	1	#N/A	Redacted	ok	new_resolve	1	1
695	1	#N/A	Redacted	ok	new_resolve	1	1
696	1	#N/A	Redacted	ok	new_resolve	1	1
697	1	#N/A	Redacted	ok	new_resolve	1	1
698	1	#N/A	Redacted	ok	new_resolve	1	1
699	1	#N/A	Redacted	ok	new_resolve	1	1
700	1	#N/A	Redacted	ok	new_resolve	1	1
701	1	#N/A	Redacted	ok	new_resolve	1	1
702	1	#N/A	Redacted	ok	new_resolve	1	1
703	1	#N/A	Redacted	ok	new_resolve	1	1
704	1	#N/A	Redacted	ok	new_resolve	1	1
705	1	#N/A	Redacted	ok	new_resolve	1	1
706	1	#N/A	Redacted	ok	new_resolve	1	1
707	1	#N/A	Redacted	ok	new_resolve	1	1
708	1	#N/A	Redacted	ok	new_resolve	1	1
709	1	#N/A	Redacted	ok	new_resolve	1	1
710	1	#N/A	Redacted	ok	new_resolve	1	1
711	1	#N/A	Redacted	ok	new_resolve	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
687	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
688	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
689	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
690	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
691	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
692	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
693	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
694	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
695	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
696	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
697	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
698	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
699	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
700	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
701	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
702	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
703	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
704	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
705	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
706	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
707	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
708	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
709	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
710	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
711	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
712	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	3	2.939772279	Redacted		development
713	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	4	3.308370753	Redacted		development
714	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	5	3.877063591	Redacted		development
715	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	6	3.818138791	Redacted		development
716	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	7	2.99705347	Redacted		development
717	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	8	2.660059535	Redacted		development
718	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	9	2.013146344	Redacted		development
719	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	10	2.219957582	Redacted		development
720	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	11	2.174569199	Redacted		development
721	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	12	2.357850196	Redacted		development
722	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	1	2.256924577	Redacted		development
723	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	2	2.384108205	Redacted		development
724	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	3	2.939772279	Redacted		development
725	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	4	3.308370753	Redacted		development
726	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	5	3.877063591	Redacted		development
727	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	6	3.818138791	Redacted		development
728	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	7	2.99705347	Redacted		development
729	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	8	2.660059535	Redacted		development
730	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	9	2.013146344	Redacted		development
731	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	10	2.219957582	Redacted		development
732	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	11	2.174569199	Redacted		development
733	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	12	2.357850196	Redacted		development
734	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	1	2.256924577	Redacted		development
735	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	2	2.469254926	Redacted		development
736	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	3	2.939772279	Redacted		development

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
712		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_3	0.410666667
713		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_4	0.366666667
714		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_5	0.366666667
715		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_6	0.484
716		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_7	0.337333333
717		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_8	0.308
718		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_9	0.22
719		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_10	0.117333333
720		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_11	0.176
721		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_12	0.190666667
722		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_1	0.205333333
723		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_2	0.176
724		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_3	0.410666667
725		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_4	0.366666667
726		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_5	0.366666667
727		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_6	0.484
728		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_7	0.337333333
729		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_8	0.308
730		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_9	0.22
731		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_10	0.117333333
732		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_11	0.176
733		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_12	0.190666667
734		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_1	0.205333333
735		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_2	0.176
736		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_3	0.410666667

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
712	1	#N/A	Redacted	ok	new_resolve	1	1
713	1	#N/A	Redacted	ok	new_resolve	1	1
714	1	#N/A	Redacted	ok	new_resolve	1	1
715	1	#N/A	Redacted	ok	new_resolve	1	1
716	1	#N/A	Redacted	ok	new_resolve	1	1
717	1	#N/A	Redacted	ok	new_resolve	1	1
718	1	#N/A	Redacted	ok	new_resolve	1	1
719	1	#N/A	Redacted	ok	new_resolve	1	1
720	1	#N/A	Redacted	ok	new_resolve	1	1
721	1	#N/A	Redacted	ok	new_resolve	1	1
722	1	#N/A	Redacted	ok	new_resolve	1	1
723	1	#N/A	Redacted	ok	new_resolve	1	1
724	1	#N/A	Redacted	ok	new_resolve	1	1
725	1	#N/A	Redacted	ok	new_resolve	1	1
726	1	#N/A	Redacted	ok	new_resolve	1	1
727	1	#N/A	Redacted	ok	new_resolve	1	1
728	1	#N/A	Redacted	ok	new_resolve	1	1
729	1	#N/A	Redacted	ok	new_resolve	1	1
730	1	#N/A	Redacted	ok	new_resolve	1	1
731	1	#N/A	Redacted	ok	new_resolve	1	1
732	1	#N/A	Redacted	ok	new_resolve	1	1
733	1	#N/A	Redacted	ok	new_resolve	1	1
734	1	#N/A	Redacted	ok	new_resolve	1	1
735	1	#N/A	Redacted	ok	new_resolve	1	1
736	1	#N/A	Redacted	ok	new_resolve	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
712	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
713	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
714	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
715	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
716	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
717	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
718	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
719	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
720	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
721	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
722	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
723	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
724	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
725	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
726	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
727	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
728	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
729	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
730	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
731	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
732	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
733	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
734	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
735	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
736	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
737	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	4	3.308370753	Redacted		development
738	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	5	3.877063591	Redacted		development
739	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	6	3.818138791	Redacted		development
740	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	7	2.99705347	Redacted		development
741	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	8	2.660059535	Redacted		development
742	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	9	2.013146344	Redacted		development
743	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	10	2.219957582	Redacted		development
744	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	11	2.174569199	Redacted		development
745	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	12	2.357850196	Redacted		development
746	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2029	1	2.256924577	Redacted		development
747	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2029	2	2.384108205	Redacted		development
748	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2029	3	2.939772279	Redacted		development
749	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2029	4	3.308370753	Redacted		development
750	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2029	5	3.877063591	Redacted		development
751	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2029	6	3.818138791	Redacted		development
752	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2029	7	2.99705347	Redacted		development
753	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2029	8	2.660059535	Redacted		development
754	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2029	9	2.013146344	Redacted		development
755	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2029	10	2.219957582	Redacted		development
756	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2029	11	2.174569199	Redacted		development
757	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2029	12	2.357850196	Redacted		development
758	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	1	2.256924577	Redacted		development
759	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	2	2.384108205	Redacted		development
760	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	3	2.939772279	Redacted		development
761	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	4	3.308370753	Redacted		development

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
737		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_4	0.366666667
738		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_5	0.366666667
739		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_6	0.484
740		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_7	0.337333333
741		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_8	0.308
742		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_9	0.22
743		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_10	0.117333333
744		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_11	0.176
745		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_12	0.190666667
746		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_1	0.205333333
747		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_2	0.176
748		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_3	0.410666667
749		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_4	0.366666667
750		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_5	0.366666667
751		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_6	0.484
752		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_7	0.337333333
753		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_8	0.308
754		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_9	0.22
755		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_10	0.117333333
756		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_11	0.176
757		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_12	0.190666667
758		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_1	0.205333333
759		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_2	0.176
760		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_3	0.410666667
761		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_4	0.366666667

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
737	1	#N/A	Redacted	ok	new_resolve	1	1
738	1	#N/A	Redacted	ok	new_resolve	1	1
739	1	#N/A	Redacted	ok	new_resolve	1	1
740	1	#N/A	Redacted	ok	new_resolve	1	1
741	1	#N/A	Redacted	ok	new_resolve	1	1
742	1	#N/A	Redacted	ok	new_resolve	1	1
743	1	#N/A	Redacted	ok	new_resolve	1	1
744	1	#N/A	Redacted	ok	new_resolve	1	1
745	1	#N/A	Redacted	ok	new_resolve	1	1
746	1	#N/A	Redacted	ok	new_resolve	1	1
747	1	#N/A	Redacted	ok	new_resolve	1	1
748	1	#N/A	Redacted	ok	new_resolve	1	1
749	1	#N/A	Redacted	ok	new_resolve	1	1
750	1	#N/A	Redacted	ok	new_resolve	1	1
751	1	#N/A	Redacted	ok	new_resolve	1	1
752	1	#N/A	Redacted	ok	new_resolve	1	1
753	1	#N/A	Redacted	ok	new_resolve	1	1
754	1	#N/A	Redacted	ok	new_resolve	1	1
755	1	#N/A	Redacted	ok	new_resolve	1	1
756	1	#N/A	Redacted	ok	new_resolve	1	1
757	1	#N/A	Redacted	ok	new_resolve	1	1
758	1	#N/A	Redacted	ok	new_resolve	1	1
759	1	#N/A	Redacted	ok	new_resolve	1	1
760	1	#N/A	Redacted	ok	new_resolve	1	1
761	1	#N/A	Redacted	ok	new_resolve	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
737	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
738	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
739	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
740	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
741	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
742	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
743	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
744	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
745	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
746	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
747	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
748	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
749	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
750	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
751	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
752	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
753	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
754	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
755	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
756	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
757	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
758	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
759	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
760	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
761	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
762	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	5	3.877063591	Redacted		development
763	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	6	3.818138791	Redacted		development
764	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	7	2.99705347	Redacted		development
765	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	8	2.660059535	Redacted		development
766	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	9	2.013146344	Redacted		development
767	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	10	2.219957582	Redacted		development
768	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	11	2.174569199	Redacted		development
769	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	12	2.357850196	Redacted		development
770	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2020	6	4.698	Redacted		online
771	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2020	7	7.788	Redacted		online
772	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2020	8	7.454	Redacted		online
773	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2020	9	6.099	Redacted		online
774	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2020	10	6.99	Redacted		online
775	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2020	11	4.612	Redacted		online
776	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2020	12	6.25	Redacted		online
777	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	1	5.965	Redacted		online
778	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	2	5.188	Redacted		online
779	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	3	4.992	Redacted		online
780	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	4	4.702	Redacted		online
781	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	5	4.794	Redacted		online
782	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	6	11.896	Redacted		online
783	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	7	14	Redacted		online
784	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	8	13.241	Redacted		online
785	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	9	8.145	Redacted		online
786	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	10	7.149	Redacted		online
787	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	11	6.625	Redacted		online
788	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	12	7.435	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
762		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_5	0.366666667
763		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_6	0.484
764		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_7	0.337333333
765		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_8	0.308
766		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_9	0.22
767		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_10	0.117333333
768		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_11	0.176
769		Redacted	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_12	0.190666667
770		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_6	0
771		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_7	0
772		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_8	0
773		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_9	0
774		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_10	0
775		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_11	0
776		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2020_12	0
777		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_1	0
778		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_2	0
779		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_3	0
780		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_4	0
781		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_5	0
782		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_6	0
783		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_7	0
784		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_8	0
785		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_9	0
786		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_10	0
787		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_11	0
788		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2021_12	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
762	1	#N/A	Redacted	ok	new_resolve	1	1
763	1	#N/A	Redacted	ok	new_resolve	1	1
764	1	#N/A	Redacted	ok	new_resolve	1	1
765	1	#N/A	Redacted	ok	new_resolve	1	1
766	1	#N/A	Redacted	ok	new_resolve	1	1
767	1	#N/A	Redacted	ok	new_resolve	1	1
768	1	#N/A	Redacted	ok	new_resolve	1	1
769	1	#N/A	Redacted	ok	new_resolve	1	1
770	1	#N/A	Redacted	ok	special	1	0
771	1	#N/A	Redacted	ok	special	1	0
772	1	#N/A	Redacted	ok	special	1	0
773	1	#N/A	Redacted	ok	special	1	0
774	1	#N/A	Redacted	ok	special	1	0
775	1	#N/A	Redacted	ok	special	1	0
776	1	#N/A	Redacted	ok	special	1	0
777	1	#N/A	Redacted	ok	special	1	0
778	1	#N/A	Redacted	ok	special	1	0
779	1	#N/A	Redacted	ok	special	1	0
780	1	#N/A	Redacted	ok	special	1	0
781	1	#N/A	Redacted	ok	special	1	0
782	1	#N/A	Redacted	ok	special	1	0
783	1	#N/A	Redacted	ok	special	1	0
784	1	#N/A	Redacted	ok	special	1	0
785	1	#N/A	Redacted	ok	special	1	0
786	1	#N/A	Redacted	ok	special	1	0
787	1	#N/A	Redacted	ok	special	1	0
788	1	#N/A	Redacted	ok	special	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
762	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
763	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
764	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
765	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
766	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
767	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
768	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
769	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
770	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	1	16	1	1	1	1	1	1	1	1
771	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
772	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
773	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
774	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
775	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
776	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
777	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
778	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
779	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
780	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
781	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
782	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
783	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
784	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
785	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
786	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
787	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
788	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
789	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	1	8.422	Redacted		online
790	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	2	6.364	Redacted		online
791	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	3	5.888	Redacted		online
792	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	4	5.736	Redacted		online
793	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	5	6.681	Redacted		online
794	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	6	12.804	Redacted		online
795	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	7	14.91	Redacted		online
796	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	8	14.878	Redacted		online
797	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	9	11.343	Redacted		online
798	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	10	9.223	Redacted		online
799	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	11	7.081	Redacted		online
800	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	12	9.906	Redacted		online
801	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	1	9.235	Redacted		online
802	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	2	6.86	Redacted		online
803	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	3	5.274	Redacted		online
804	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	4	3.86	Redacted		online
805	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	5	3.57	Redacted		online
806	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	6	8.824	Redacted		online
807	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	7	12.643	Redacted		online
808	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	8	13.062	Redacted		online
809	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	9	9.06	Redacted		online
810	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	10	8.441	Redacted		online
811	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	11	7.916	Redacted		online
812	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	12	10.51	Redacted		online
813	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	1	1	Redacted		online
814	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	2	1	Redacted		online
815	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	3	1	Redacted		online
816	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	4	1	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
789		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_1	0
790		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_2	0
791		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_3	0
792		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_4	0
793		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_5	0
794		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_6	0
795		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_7	0
796		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_8	0
797		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_9	0
798		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_10	0
799		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_11	0
800		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2022_12	0
801		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2023_1	0
802		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2023_2	0
803		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2023_3	0
804		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2023_4	0
805		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2023_5	0
806		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2023_6	0
807		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2023_7	0
808		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2023_8	0
809		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2023_9	0
810		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2023_10	0
811		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2023_11	0
812		Redacted	Redacted	unspecified_non_import	1	unknown	unknown_2023_12	0
813		Redacted	Redacted	unspecified_import	1	unknown	unknown_2021_1	0
814		Redacted	Redacted	unspecified_import	1	unknown	unknown_2021_2	0
815		Redacted	Redacted	unspecified_import	1	unknown	unknown_2021_3	0
816		Redacted	Redacted	unspecified_import	1	unknown	unknown_2021_4	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
789	1	#N/A	Redacted	ok	special	1	0
790	1	#N/A	Redacted	ok	special	1	0
791	1	#N/A	Redacted	ok	special	1	0
792	1	#N/A	Redacted	ok	special	1	0
793	1	#N/A	Redacted	ok	special	1	0
794	1	#N/A	Redacted	ok	special	1	0
795	1	#N/A	Redacted	ok	special	1	0
796	1	#N/A	Redacted	ok	special	1	0
797	1	#N/A	Redacted	ok	special	1	0
798	1	#N/A	Redacted	ok	special	1	0
799	1	#N/A	Redacted	ok	special	1	0
800	1	#N/A	Redacted	ok	special	1	0
801	1	#N/A	Redacted	ok	special	1	0
802	1	#N/A	Redacted	ok	special	1	0
803	1	#N/A	Redacted	ok	special	1	0
804	1	#N/A	Redacted	ok	special	1	0
805	1	#N/A	Redacted	ok	special	1	0
806	1	#N/A	Redacted	ok	special	1	0
807	1	#N/A	Redacted	ok	special	1	0
808	1	#N/A	Redacted	ok	special	1	0
809	1	#N/A	Redacted	ok	special	1	0
810	1	#N/A	Redacted	ok	special	1	0
811	1	#N/A	Redacted	ok	special	1	0
812	1	#N/A	Redacted	ok	special	1	0
813	1	#N/A	Redacted	ok	special	1	0
814	1	#N/A	Redacted	ok	special	1	0
815	1	#N/A	Redacted	ok	special	1	0
816	1	#N/A	Redacted	ok	special	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
789	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
790	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
791	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
792	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
793	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
794	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
795	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
796	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
797	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
798	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
799	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
800	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
801	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
802	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
803	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
804	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
805	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
806	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
807	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
808	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
809	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
810	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
811	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
812	unspecified_non_import_1783 Direct_Shaped_8_LCE_System, 0.428	0	0	1	1	1	1	1	1	1	1
813	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	1	17	1	1	1	1	1	1	1	1
814	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
815	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
816	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
817	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	5	1	Redacted		online
818	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	6	1	Redacted		online
819	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	7	1	Redacted		online
820	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	8	1	Redacted		online
821	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	9	1	Redacted		online
822	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	10	1	Redacted		online
823	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	11	1	Redacted		online
824	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	12	1	Redacted		online
825	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	1	1	Redacted		online
826	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	2	1	Redacted		online
827	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	3	1	Redacted		online
828	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	4	1	Redacted		online
829	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	5	1	Redacted		online
830	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	6	1	Redacted		online
831	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	7	1	Redacted		online
832	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	8	1	Redacted		online
833	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	9	1	Redacted		online
834	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	10	1	Redacted		online
835	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	11	1	Redacted		online
836	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	12	1	Redacted		online
837	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	3	0.7	Redacted		online
838	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	4	0.7	Redacted		online
839	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	5	0.7	Redacted		online
840	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	6	0.7	Redacted		online
841	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	7	0.7	Redacted		online
842	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	8	0.7	Redacted		online
843	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	9	0.7	Redacted		online
844	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	10	0.7	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
817		Redacted	Redacted	unspecified_import	1	unknown	unknown_2021_5	0
818		Redacted	Redacted	unspecified_import	1	unknown	unknown_2021_6	0
819		Redacted	Redacted	unspecified_import	1	unknown	unknown_2021_7	0
820		Redacted	Redacted	unspecified_import	1	unknown	unknown_2021_8	0
821		Redacted	Redacted	unspecified_import	1	unknown	unknown_2021_9	0
822		Redacted	Redacted	unspecified_import	1	unknown	unknown_2021_10	0
823		Redacted	Redacted	unspecified_import	1	unknown	unknown_2021_11	0
824		Redacted	Redacted	unspecified_import	1	unknown	unknown_2021_12	0
825		Redacted	Redacted	unspecified_import	1	unknown	unknown_2022_1	0
826		Redacted	Redacted	unspecified_import	1	unknown	unknown_2022_2	0
827		Redacted	Redacted	unspecified_import	1	unknown	unknown_2022_3	0
828		Redacted	Redacted	unspecified_import	1	unknown	unknown_2022_4	0
829		Redacted	Redacted	unspecified_import	1	unknown	unknown_2022_5	0
830		Redacted	Redacted	unspecified_import	1	unknown	unknown_2022_6	0
831		Redacted	Redacted	unspecified_import	1	unknown	unknown_2022_7	0
832		Redacted	Redacted	unspecified_import	1	unknown	unknown_2022_8	0
833		Redacted	Redacted	unspecified_import	1	unknown	unknown_2022_9	0
834		Redacted	Redacted	unspecified_import	1	unknown	unknown_2022_10	0
835		Redacted	Redacted	unspecified_import	1	unknown	unknown_2022_11	0
836		Redacted	Redacted	unspecified_import	1	unknown	unknown_2022_12	0
837		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_3	0
838		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_4	0
839		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_5	0
840		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_6	0
841		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_7	0
842		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_8	0
843		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_9	0
844		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_10	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
817	1	#N/A	Redacted	ok	special	1	0
818	1	#N/A	Redacted	ok	special	1	0
819	1	#N/A	Redacted	ok	special	1	0
820	1	#N/A	Redacted	ok	special	1	0
821	1	#N/A	Redacted	ok	special	1	0
822	1	#N/A	Redacted	ok	special	1	0
823	1	#N/A	Redacted	ok	special	1	0
824	1	#N/A	Redacted	ok	special	1	0
825	1	#N/A	Redacted	ok	special	1	0
826	1	#N/A	Redacted	ok	special	1	0
827	1	#N/A	Redacted	ok	special	1	0
828	1	#N/A	Redacted	ok	special	1	0
829	1	#N/A	Redacted	ok	special	1	0
830	1	#N/A	Redacted	ok	special	1	0
831	1	#N/A	Redacted	ok	special	1	0
832	1	#N/A	Redacted	ok	special	1	0
833	1	#N/A	Redacted	ok	special	1	0
834	1	#N/A	Redacted	ok	special	1	0
835	1	#N/A	Redacted	ok	special	1	0
836	1	#N/A	Redacted	ok	special	1	0
837	1	#N/A	Redacted	ok	special	1	0
838	1	#N/A	Redacted	ok	special	1	0
839	1	#N/A	Redacted	ok	special	1	0
840	1	#N/A	Redacted	ok	special	1	0
841	1	#N/A	Redacted	ok	special	1	0
842	1	#N/A	Redacted	ok	special	1	0
843	1	#N/A	Redacted	ok	special	1	0
844	1	#N/A	Redacted	ok	special	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
817	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
818	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
819	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
820	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
821	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
822	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
823	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
824	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
825	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
826	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
827	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
828	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
829	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
830	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
831	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
832	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
833	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
834	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
835	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
836	unspecified_import_1785 MSCG_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
837	unspecified_import_1951 3Phases_PCC2_2_LCE_PCC2, CAISO, 0.428	1	18	1	1	1	1	1	1	1	1
838	unspecified_import_1951 3Phases_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
839	unspecified_import_1951 3Phases_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
840	unspecified_import_1951 3Phases_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
841	unspecified_import_1951 3Phases_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
842	unspecified_import_1951 3Phases_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
843	unspecified_import_1951 3Phases_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
844	unspecified_import_1951 3Phases_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
845	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	11	0.7	Redacted		online
846	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	12	0.7	Redacted		online
847	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	1	2.916667	Redacted		online
848	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	2	2.916667	Redacted		online
849	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	3	2.916667	Redacted		online
850	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	4	2.916667	Redacted		online
851	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	5	2.916667	Redacted		online
852	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	6	2.916667	Redacted		online
853	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	7	2.916667	Redacted		online
854	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	8	2.916667	Redacted		online
855	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	9	2.916667	Redacted		online
856	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	10	2.916667	Redacted		online
857	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	11	2.916667	Redacted		online
858	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	12	2.916667	Redacted		online
859	LCE	unspecified_import	1961 TEA_PCC2_1_LCE	2020	7	1.864	Redacted		online
860	LCE	unspecified_import	1961 TEA_PCC2_1_LCE	2020	8	1.864	Redacted		online
861	LCE	unspecified_import	1961 TEA_PCC2_1_LCE	2020	9	1.864	Redacted		online
862	LCE	unspecified_import	1961 TEA_PCC2_1_LCE	2020	10	1.864	Redacted		online
863	LCE	unspecified_import	1961 TEA_PCC2_1_LCE	2020	11	1.864	Redacted		online
864	LCE	unspecified_import	1961 TEA_PCC2_1_LCE	2020	12	1.864	Redacted		online
865	LCE	transfer_sale	1460 MCE_RA_2_SS_LCE	2020	1	0	Redacted		online
866	LCE	transfer_sale	1460 MCE_RA_2_SS_LCE	2020	2	0	Redacted		online
867	LCE	transfer_sale	1460 MCE_RA_2_SS_LCE	2020	3	0	Redacted		online
868	LCE	transfer_sale	1460 MCE_RA_2_SS_LCE	2020	4	0	Redacted		online
869	LCE	transfer_sale	1460 MCE_RA_2_SS_LCE	2020	5	0	Redacted		online
870	LCE	transfer_sale	1460 MCE_RA_2_SS_LCE	2020	9	0	Redacted		online
871	LCE	Redacted	Redacted	2020	1	0	Redacted		online
872	LCE	Redacted	Redacted	2020	2	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
845		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_11	0
846		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_12	0
847		Redacted	Redacted	blended	1	unknown	unknown_2020_1	0
848		Redacted	Redacted	blended	1	unknown	unknown_2020_2	0
849		Redacted	Redacted	blended	1	unknown	unknown_2020_3	0
850		Redacted	Redacted	blended	1	unknown	unknown_2020_4	0
851		Redacted	Redacted	blended	1	unknown	unknown_2020_5	0
852		Redacted	Redacted	blended	1	unknown	unknown_2020_6	0
853		Redacted	Redacted	blended	1	unknown	unknown_2020_7	0
854		Redacted	Redacted	blended	1	unknown	unknown_2020_8	0
855		Redacted	Redacted	blended	1	unknown	unknown_2020_9	0
856		Redacted	Redacted	blended	1	unknown	unknown_2020_10	0
857		Redacted	Redacted	blended	1	unknown	unknown_2020_11	0
858		Redacted	Redacted	blended	1	unknown	unknown_2020_12	0
859		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_7	0
860		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_8	0
861		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_9	0
862		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_10	0
863		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_11	0
864		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_12	0
865		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_1	0
866		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_2	0
867		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_3	0
868		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_4	0
869		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_5	0
870		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_9	0
871		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
872		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
845	1	#N/A	Redacted	ok	special	1	0
846	1	#N/A	Redacted	ok	special	1	0
847	1	#N/A	Redacted	ok	special	1	0
848	1	#N/A	Redacted	ok	special	1	0
849	1	#N/A	Redacted	ok	special	1	0
850	1	#N/A	Redacted	ok	special	1	0
851	1	#N/A	Redacted	ok	special	1	0
852	1	#N/A	Redacted	ok	special	1	0
853	1	#N/A	Redacted	ok	special	1	0
854	1	#N/A	Redacted	ok	special	1	0
855	1	#N/A	Redacted	ok	special	1	0
856	1	#N/A	Redacted	ok	special	1	0
857	1	#N/A	Redacted	ok	special	1	0
858	1	#N/A	Redacted	ok	special	1	0
859	1	#N/A	Redacted	ok	special	1	0
860	1	#N/A	Redacted	ok	special	1	0
861	1	#N/A	Redacted	ok	special	1	0
862	1	#N/A	Redacted	ok	special	1	0
863	1	#N/A	Redacted	ok	special	1	0
864	1	#N/A	Redacted	ok	special	1	0
865	1	#N/A	Redacted	ok	special	0	0
866	1	#N/A	Redacted	ok	special	0	0
867	1	#N/A	Redacted	ok	special	0	0
868	1	#N/A	Redacted	ok	special	0	0
869	1	#N/A	Redacted	ok	special	0	0
870	1	#N/A	Redacted	ok	special	0	0
871	1	#N/A	Redacted	ok	special	0	1
872	1	#N/A	Redacted	ok	special	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
845	unspecified_import_1951 3Phases_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
846	unspecified_import_1951 3Phases_PCC2_2_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
847	blended_1952 3Phases_PCC1_1_LCE_Multiple Resources, instate and out of state	1	19	1	1	1	1	1	1	1	1
848	blended_1952 3Phases_PCC1_1_LCE_Multiple Resources, instate and out of state	0	0	1	1	1	1	1	1	1	1
849	blended_1952 3Phases_PCC1_1_LCE_Multiple Resources, instate and out of state	0	0	1	1	1	1	1	1	1	1
850	blended_1952 3Phases_PCC1_1_LCE_Multiple Resources, instate and out of state	0	0	1	1	1	1	1	1	1	1
851	blended_1952 3Phases_PCC1_1_LCE_Multiple Resources, instate and out of state	0	0	1	1	1	1	1	1	1	1
852	blended_1952 3Phases_PCC1_1_LCE_Multiple Resources, instate and out of state	0	0	1	1	1	1	1	1	1	1
853	blended_1952 3Phases_PCC1_1_LCE_Multiple Resources, instate and out of state	0	0	1	1	1	1	1	1	1	1
854	blended_1952 3Phases_PCC1_1_LCE_Multiple Resources, instate and out of state	0	0	1	1	1	1	1	1	1	1
855	blended_1952 3Phases_PCC1_1_LCE_Multiple Resources, instate and out of state	0	0	1	1	1	1	1	1	1	1
856	blended_1952 3Phases_PCC1_1_LCE_Multiple Resources, instate and out of state	0	0	1	1	1	1	1	1	1	1
857	blended_1952 3Phases_PCC1_1_LCE_Multiple Resources, instate and out of state	0	0	1	1	1	1	1	1	1	1
858	blended_1952 3Phases_PCC1_1_LCE_Multiple Resources, instate and out of state	0	0	1	1	1	1	1	1	1	1
859	unspecified_import_1961 TEA_PCC2_1_LCE_PCC2, CAISO, 0.428	1	20	1	1	1	1	1	1	1	1
860	unspecified_import_1961 TEA_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
861	unspecified_import_1961 TEA_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
862	unspecified_import_1961 TEA_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
863	unspecified_import_1961 TEA_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
864	unspecified_import_1961 TEA_PCC2_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
865	transfer_sale_1460 MCE_RA_2_SS_LCE_MCE, LCE, MORWD_6_QF, wind	1	21	1	1	1	1	1	1	1	1
866	transfer_sale_1460 MCE_RA_2_SS_LCE_MCE, LCE, MORWD_6_QF, wind	0	0	1	1	1	1	1	1	1	1
867	transfer_sale_1460 MCE_RA_2_SS_LCE_MCE, LCE, MORWD_6_QF, wind	0	0	1	1	1	1	1	1	1	1
868	transfer_sale_1460 MCE_RA_2_SS_LCE_MCE, LCE, MORWD_6_QF, wind	0	0	1	1	1	1	1	1	1	1
869	transfer_sale_1460 MCE_RA_2_SS_LCE_MCE, LCE, MORWD_6_QF, wind	0	0	1	1	1	1	1	1	1	1
870	transfer_sale_1460 MCE_RA_2_SS_LCE_MCE, LCE, MORWD_6_QF, wind	0	0	1	1	1	1	1	1	1	1
871	Redacted	1	22	1	1	1	1	1	1	1	1
872	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
873	LCE	Redacted	Redacted	2020	3	0	Redacted		online
874	LCE	Redacted	Redacted	2020	4	0	Redacted		online
875	LCE	Redacted	Redacted	2020	5	0	Redacted		online
876	LCE	Redacted	Redacted	2020	9	0	Redacted		online
877	LCE	transfer_sale	1502 AVCE_RA_1_NS_LCE	2020	5	0	Redacted		online
878	LCE	transfer_sale	1502 AVCE_RA_1_NS_LCE	2020	6	0	Redacted		online
879	LCE	transfer_sale	1502 AVCE_RA_1_NS_LCE	2020	7	0	Redacted		online
880	LCE	transfer_sale	1502 AVCE_RA_1_NS_LCE	2020	8	0	Redacted		online
881	LCE	transfer_sale	1502 AVCE_RA_1_NS_LCE	2020	9	0	Redacted		online
882	LCE	transfer_sale	1502 AVCE_RA_1_NS_LCE	2020	10	0	Redacted		online
883	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	1	0	Redacted		online
884	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	2	0	Redacted		online
885	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	3	0	Redacted		online
886	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	4	0	Redacted		online
887	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	5	0	Redacted		online
888	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	6	0	Redacted		online
889	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	7	0	Redacted		online
890	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	8	0	Redacted		online
891	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	9	0	Redacted		online
892	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	10	0	Redacted		online
893	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	11	0	Redacted		online
894	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	12	0	Redacted		online
895	LCE	transfer_sale	1504 PRIME_RA_1_NS_LCE	2020	5	0	Redacted		online
896	LCE	transfer_sale	1504 PRIME_RA_1_NS_LCE	2020	6	0	Redacted		online
897	LCE	transfer_sale	1504 PRIME_RA_1_NS_LCE	2020	7	0	Redacted		online
898	LCE	transfer_sale	1504 PRIME_RA_1_NS_LCE	2020	8	0	Redacted		online
899	LCE	transfer_sale	1504 PRIME_RA_1_NS_LCE	2020	9	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
873		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
874		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
875		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
876		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
877		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_5	0
878		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_6	0
879		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_7	0
880		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_8	0
881		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_9	0
882		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_10	0
883		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_1	0
884		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_2	0
885		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_3	0
886		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_4	0
887		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_5	0
888		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_6	0
889		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_7	0
890		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_8	0
891		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_9	0
892		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_10	0
893		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_11	0
894		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_12	0
895		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_5	0
896		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_6	0
897		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_7	0
898		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_8	0
899		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_9	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
873	1	#N/A	Redacted	ok	special	0	1
874	1	#N/A	Redacted	ok	special	0	1
875	1	#N/A	Redacted	ok	special	0	1
876	1	#N/A	Redacted	ok	special	0	1
877	1	#N/A	Redacted	ok	special	0	0
878	1	#N/A	Redacted	ok	special	0	0
879	1	#N/A	Redacted	ok	special	0	0
880	1	#N/A	Redacted	ok	special	0	0
881	1	#N/A	Redacted	ok	special	0	0
882	1	#N/A	Redacted	ok	special	0	0
883	1	#N/A	Redacted	ok	special	0	0
884	1	#N/A	Redacted	ok	special	0	0
885	1	#N/A	Redacted	ok	special	0	0
886	1	#N/A	Redacted	ok	special	0	0
887	1	#N/A	Redacted	ok	special	0	0
888	1	#N/A	Redacted	ok	special	0	0
889	1	#N/A	Redacted	ok	special	0	0
890	1	#N/A	Redacted	ok	special	0	0
891	1	#N/A	Redacted	ok	special	0	0
892	1	#N/A	Redacted	ok	special	0	0
893	1	#N/A	Redacted	ok	special	0	0
894	1	#N/A	Redacted	ok	special	0	0
895	1	#N/A	Redacted	ok	special	0	0
896	1	#N/A	Redacted	ok	special	0	0
897	1	#N/A	Redacted	ok	special	0	0
898	1	#N/A	Redacted	ok	special	0	0
899	1	#N/A	Redacted	ok	special	0	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
873	Redacted	0	0	1	1	1	1	1	1	1	1
874	Redacted	0	0	1	1	1	1	1	1	1	1
875	Redacted	0	0	1	1	1	1	1	1	1	1
876	Redacted	0	0	1	1	1	1	1	1	1	1
877	transfer_sale_1502 AVCE_RA_1_NS_LCE_AVCE, LCE, PWRX_MALIN500_I_F_DARA01, import	1	23	1	1	1	1	1	1	1	1
878	transfer_sale_1502 AVCE_RA_1_NS_LCE_AVCE, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
879	transfer_sale_1502 AVCE_RA_1_NS_LCE_AVCE, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
880	transfer_sale_1502 AVCE_RA_1_NS_LCE_AVCE, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
881	transfer_sale_1502 AVCE_RA_1_NS_LCE_AVCE, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
882	transfer_sale_1502 AVCE_RA_1_NS_LCE_AVCE, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
883	transfer_sale_1503 AVCE_RA_2_SS_LCE_AVCE, LCE, MSCG_NOB_I_F_IMS010, import	1	24	1	1	1	1	1	1	1	1
884	transfer_sale_1503 AVCE_RA_2_SS_LCE_AVCE, LCE, MSCG_NOB_I_F_IMS010, import	0	0	1	1	1	1	1	1	1	1
885	transfer_sale_1503 AVCE_RA_2_SS_LCE_AVCE, LCE, MSCG_NOB_I_F_IMS010, import	0	0	1	1	1	1	1	1	1	1
886	transfer_sale_1503 AVCE_RA_2_SS_LCE_AVCE, LCE, MSCG_NOB_I_F_IMS010, import	0	0	1	1	1	1	1	1	1	1
887	transfer_sale_1503 AVCE_RA_2_SS_LCE_AVCE, LCE, MSCG_NOB_I_F_IMS010, import	0	0	1	1	1	1	1	1	1	1
888	transfer_sale_1503 AVCE_RA_2_SS_LCE_AVCE, LCE, MSCG_NOB_I_F_IMS010, import	0	0	1	1	1	1	1	1	1	1
889	transfer_sale_1503 AVCE_RA_2_SS_LCE_AVCE, LCE, MSCG_NOB_I_F_IMS010, import	0	0	1	1	1	1	1	1	1	1
890	transfer_sale_1503 AVCE_RA_2_SS_LCE_AVCE, LCE, MSCG_NOB_I_F_IMS010, import	0	0	1	1	1	1	1	1	1	1
891	transfer_sale_1503 AVCE_RA_2_SS_LCE_AVCE, LCE, MSCG_NOB_I_F_IMS010, import	0	0	1	1	1	1	1	1	1	1
892	transfer_sale_1503 AVCE_RA_2_SS_LCE_AVCE, LCE, MSCG_NOB_I_F_IMS010, import	0	0	1	1	1	1	1	1	1	1
893	transfer_sale_1503 AVCE_RA_2_SS_LCE_AVCE, LCE, MSCG_NOB_I_F_IMS010, import	0	0	1	1	1	1	1	1	1	1
894	transfer_sale_1503 AVCE_RA_2_SS_LCE_AVCE, LCE, MSCG_NOB_I_F_IMS010, import	0	0	1	1	1	1	1	1	1	1
895	transfer_sale_1504 PRIME_RA_1_NS_LCE_PRIME, LCE, PWRX_MALIN500_I_F_DARA01, import	1	25	1	1	1	1	1	1	1	1
896	transfer_sale_1504 PRIME_RA_1_NS_LCE_PRIME, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
897	transfer_sale_1504 PRIME_RA_1_NS_LCE_PRIME, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
898	transfer_sale_1504 PRIME_RA_1_NS_LCE_PRIME, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
899	transfer_sale_1504 PRIME_RA_1_NS_LCE_PRIME, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
900	LCE	transfer_sale	1504 PRIME_RA_1_NS_LCE	2020	10	0	Redacted		online
901	LCE	transfer_sale	1505 RMEA_RA_1_NS_LCE	2020	5	0	Redacted		online
902	LCE	transfer_sale	1505 RMEA_RA_1_NS_LCE	2020	6	0	Redacted		online
903	LCE	transfer_sale	1505 RMEA_RA_1_NS_LCE	2020	7	0	Redacted		online
904	LCE	transfer_sale	1505 RMEA_RA_1_NS_LCE	2020	8	0	Redacted		online
905	LCE	transfer_sale	1505 RMEA_RA_1_NS_LCE	2020	9	0	Redacted		online
906	LCE	transfer_sale	1505 RMEA_RA_1_NS_LCE	2020	10	0	Redacted		online
907	LCE	transfer_sale	1506 SJP_RA_1_NS_LCE	2020	5	0	Redacted		online
908	LCE	transfer_sale	1506 SJP_RA_1_NS_LCE	2020	6	0	Redacted		online
909	LCE	transfer_sale	1506 SJP_RA_1_NS_LCE	2020	7	0	Redacted		online
910	LCE	transfer_sale	1506 SJP_RA_1_NS_LCE	2020	8	0	Redacted		online
911	LCE	transfer_sale	1506 SJP_RA_1_NS_LCE	2020	9	0	Redacted		online
912	LCE	transfer_sale	1506 SJP_RA_1_NS_LCE	2020	10	0	Redacted		online
913	LCE	Redacted	Redacted	2020	5	0	Redacted		online
914	LCE	Redacted	Redacted	2020	6	0	Redacted		online
915	LCE	Redacted	Redacted	2020	7	0	Redacted		online
916	LCE	Redacted	Redacted	2020	8	0	Redacted		online
917	LCE	Redacted	Redacted	2020	9	0	Redacted		online
918	LCE	Redacted	Redacted	2020	10	0	Redacted		online
919	LCE	Redacted	Redacted	2020	1	0	Redacted		online
920	LCE	Redacted	Redacted	2020	2	0	Redacted		online
921	LCE	Redacted	Redacted	2020	3	0	Redacted		online
922	LCE	Redacted	Redacted	2020	4	0	Redacted		online
923	LCE	Redacted	Redacted	2020	5	0	Redacted		online
924	LCE	Redacted	Redacted	2020	6	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
900		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_10	0
901		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_5	0
902		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_6	0
903		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_7	0
904		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_8	0
905		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_9	0
906		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_10	0
907		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_5	0
908		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_6	0
909		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_7	0
910		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_8	0
911		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_9	0
912		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_10	0
913		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
914		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
915		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
916		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
917		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
918		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
919	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
920	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
921	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
922	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
923	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
924	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
900	1	#N/A	Redacted	ok	special	0	0
901	1	#N/A	Redacted	ok	special	0	0
902	1	#N/A	Redacted	ok	special	0	0
903	1	#N/A	Redacted	ok	special	0	0
904	1	#N/A	Redacted	ok	special	0	0
905	1	#N/A	Redacted	ok	special	0	0
906	1	#N/A	Redacted	ok	special	0	0
907	1	#N/A	Redacted	ok	special	0	0
908	1	#N/A	Redacted	ok	special	0	0
909	1	#N/A	Redacted	ok	special	0	0
910	1	#N/A	Redacted	ok	special	0	0
911	1	#N/A	Redacted	ok	special	0	0
912	1	#N/A	Redacted	ok	special	0	0
913	1	#N/A	Redacted	ok	special	0	1
914	1	#N/A	Redacted	ok	special	0	1
915	1	#N/A	Redacted	ok	special	0	1
916	1	#N/A	Redacted	ok	special	0	1
917	1	#N/A	Redacted	ok	special	0	1
918	1	#N/A	Redacted	ok	special	0	1
919	1	#N/A	Redacted	ok	physical	0	1
920	1	#N/A	Redacted	ok	physical	0	1
921	1	#N/A	Redacted	ok	physical	0	1
922	1	#N/A	Redacted	ok	physical	0	1
923	1	#N/A	Redacted	ok	physical	0	1
924	1	#N/A	Redacted	ok	physical	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
900	transfer_sale_1504 PRIME_RA_1_NS_LCE_PRIME, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
901	transfer_sale_1505 RMEA_RA_1_NS_LCE_RMEA, LCE, PWRX_MALIN500_I_F_DARA01, import	1	26	1	1	1	1	1	1	1	1
902	transfer_sale_1505 RMEA_RA_1_NS_LCE_RMEA, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
903	transfer_sale_1505 RMEA_RA_1_NS_LCE_RMEA, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
904	transfer_sale_1505 RMEA_RA_1_NS_LCE_RMEA, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
905	transfer_sale_1505 RMEA_RA_1_NS_LCE_RMEA, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
906	transfer_sale_1505 RMEA_RA_1_NS_LCE_RMEA, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
907	transfer_sale_1506 SJP_RA_1_NS_LCE_SJP, LCE, PWRX_MALIN500_I_F_DARA01, import	1	27	1	1	1	1	1	1	1	1
908	transfer_sale_1506 SJP_RA_1_NS_LCE_SJP, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
909	transfer_sale_1506 SJP_RA_1_NS_LCE_SJP, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
910	transfer_sale_1506 SJP_RA_1_NS_LCE_SJP, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
911	transfer_sale_1506 SJP_RA_1_NS_LCE_SJP, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
912	transfer_sale_1506 SJP_RA_1_NS_LCE_SJP, LCE, PWRX_MALIN500_I_F_DARA01, import	0	0	1	1	1	1	1	1	1	1
913	Redacted	1	28	1	1	1	1	1	1	1	1
914	Redacted	0	0	1	1	1	1	1	1	1	1
915	Redacted	0	0	1	1	1	1	1	1	1	1
916	Redacted	0	0	1	1	1	1	1	1	1	1
917	Redacted	0	0	1	1	1	1	1	1	1	1
918	Redacted	0	0	1	1	1	1	1	1	1	1
919	Redacted	1	29	1	1	1	1	1	1	1	1
920	Redacted	0	0	1	1	1	1	1	1	1	1
921	Redacted	0	0	1	1	1	1	1	1	1	1
922	Redacted	0	0	1	1	1	1	1	1	1	1
923	Redacted	0	0	1	1	1	1	1	1	1	1
924	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
925	LCE	existing_generic_battery_storage	1508 VISTA_RA_1_SSF_LCE	2020	6	0	Redacted		online
926	LCE	Redacted	Redacted	2020	7	0	Redacted		online
927	LCE	Redacted	Redacted	2020	7	0	Redacted		online
928	LCE	Redacted	Redacted	2020	8	0	Redacted		online
929	LCE	Redacted	Redacted	2020	8	0	Redacted		online
930	LCE	Redacted	Redacted	2020	9	0	Redacted		online
931	LCE	Redacted	Redacted	2020	9	0	Redacted		online
932	LCE	Redacted	Redacted	2020	10	0	Redacted		online
933	LCE	Redacted	Redacted	2020	10	0	Redacted		online
934	LCE	Redacted	Redacted	2020	11	0	Redacted		online
935	LCE	Redacted	Redacted	2020	11	0	Redacted		online
936	LCE	Redacted	Redacted	2020	12	0	Redacted		online
937	LCE	Redacted	Redacted	2020	12	0	Redacted		online
938	LCE	Redacted	Redacted	2021	1	0	Redacted		online
939	LCE	Redacted	Redacted	2021	1	0	Redacted		online
940	LCE	Redacted	Redacted	2021	2	0	Redacted		online
941	LCE	Redacted	Redacted	2021	2	0	Redacted		online
942	LCE	Redacted	Redacted	2021	3	0	Redacted		online
943	LCE	Redacted	Redacted	2021	3	0	Redacted		online
944	LCE	Redacted	Redacted	2021	4	0	Redacted		online
945	LCE	Redacted	Redacted	2021	4	0	Redacted		online
946	LCE	Redacted	Redacted	2021	5	0	Redacted		online
947	LCE	Redacted	Redacted	2021	5	0	Redacted		online
948	LCE	Redacted	Redacted	2021	6	0	Redacted		online
949	LCE	Redacted	Redacted	2021	6	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
925	4	Redacted	Redacted	CAISO_Battery	1	battery	battery_2020_6	1
926	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
927	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
928	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
929	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
930	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
931	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
932	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
933	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
934	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
935	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
936	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
937	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
938	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
939	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
940	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
941	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
942	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
943	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
944	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
945	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
946	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
947	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
948	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
949	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
925	1	#N/A	Redacted	ok	existing_generic	0	0
926	1	#N/A	Redacted	ok	physical	0	1
927	1	#N/A	Redacted	ok	existing_generic	0	1
928	1	#N/A	Redacted	ok	physical	0	1
929	1	#N/A	Redacted	ok	existing_generic	0	1
930	1	#N/A	Redacted	ok	physical	0	1
931	1	#N/A	Redacted	ok	existing_generic	0	1
932	1	#N/A	Redacted	ok	physical	0	1
933	1	#N/A	Redacted	ok	existing_generic	0	1
934	1	#N/A	Redacted	ok	physical	0	1
935	1	#N/A	Redacted	ok	existing_generic	0	1
936	1	#N/A	Redacted	ok	physical	0	1
937	1	#N/A	Redacted	ok	existing_generic	0	1
938	1	#N/A	Redacted	ok	physical	0	1
939	1	#N/A	Redacted	ok	existing_generic	0	1
940	1	#N/A	Redacted	ok	physical	0	1
941	1	#N/A	Redacted	ok	existing_generic	0	1
942	1	#N/A	Redacted	ok	physical	0	1
943	1	#N/A	Redacted	ok	existing_generic	0	1
944	1	#N/A	Redacted	ok	physical	0	1
945	1	#N/A	Redacted	ok	existing_generic	0	1
946	1	#N/A	Redacted	ok	physical	0	1
947	1	#N/A	Redacted	ok	existing_generic	0	1
948	1	#N/A	Redacted	ok	physical	0	1
949	1	#N/A	Redacted	ok	existing_generic	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
925	existing_generic_battery_storage_1508 VISTA_RA_1_SSF_LCE_GATEWY_2_GESBT1, battery	1	30	1	1	1	1	1	1	1	1
926	Redacted	0	0	1	1	1	1	1	1	1	1
927	Redacted	0	0	1	1	1	1	1	1	1	1
928	Redacted	0	0	1	1	1	1	1	1	1	1
929	Redacted	0	0	1	1	1	1	1	1	1	1
930	Redacted	0	0	1	1	1	1	1	1	1	1
931	Redacted	0	0	1	1	1	1	1	1	1	1
932	Redacted	0	0	1	1	1	1	1	1	1	1
933	Redacted	0	0	1	1	1	1	1	1	1	1
934	Redacted	0	0	1	1	1	1	1	1	1	1
935	Redacted	0	0	1	1	1	1	1	1	1	1
936	Redacted	0	0	1	1	1	1	1	1	1	1
937	Redacted	0	0	1	1	1	1	1	1	1	1
938	Redacted	0	0	1	1	1	1	1	1	1	1
939	Redacted	0	0	1	1	1	1	1	1	1	1
940	Redacted	0	0	1	1	1	1	1	1	1	1
941	Redacted	0	0	1	1	1	1	1	1	1	1
942	Redacted	0	0	1	1	1	1	1	1	1	1
943	Redacted	0	0	1	1	1	1	1	1	1	1
944	Redacted	0	0	1	1	1	1	1	1	1	1
945	Redacted	0	0	1	1	1	1	1	1	1	1
946	Redacted	0	0	1	1	1	1	1	1	1	1
947	Redacted	0	0	1	1	1	1	1	1	1	1
948	Redacted	0	0	1	1	1	1	1	1	1	1
949	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
950	LCE	Redacted	Redacted	2021	7	0	Redacted		online
951	LCE	Redacted	Redacted	2021	7	0	Redacted		online
952	LCE	Redacted	Redacted	2021	8	0	Redacted		online
953	LCE	Redacted	Redacted	2021	8	0	Redacted		online
954	LCE	Redacted	Redacted	2021	9	0	Redacted		online
955	LCE	Redacted	Redacted	2021	9	0	Redacted		online
956	LCE	Redacted	Redacted	2021	10	0	Redacted		online
957	LCE	Redacted	Redacted	2021	10	0	Redacted		online
958	LCE	Redacted	Redacted	2021	11	0	Redacted		online
959	LCE	Redacted	Redacted	2021	11	0	Redacted		online
960	LCE	Redacted	Redacted	2021	12	0	Redacted		online
961	LCE	Redacted	Redacted	2021	12	0	Redacted		online
962	LCE	Redacted	Redacted	2022	1	0	Redacted		online
963	LCE	Redacted	Redacted	2022	1	0	Redacted		online
964	LCE	Redacted	Redacted	2022	2	0	Redacted		online
965	LCE	Redacted	Redacted	2022	2	0	Redacted		online
966	LCE	Redacted	Redacted	2022	3	0	Redacted		online
967	LCE	Redacted	Redacted	2022	3	0	Redacted		online
968	LCE	Redacted	Redacted	2022	4	0	Redacted		online
969	LCE	Redacted	Redacted	2022	4	0	Redacted		online
970	LCE	Redacted	Redacted	2022	5	0	Redacted		online
971	LCE	Redacted	Redacted	2022	5	0	Redacted		online
972	LCE	Redacted	Redacted	2022	6	0	Redacted		online
973	LCE	Redacted	Redacted	2022	6	0	Redacted		online
974	LCE	Redacted	Redacted	2022	7	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
950	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
951	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
952	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
953	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
954	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
955	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
956	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
957	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
958	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
959	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
960	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
961	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
962	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
963	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
964	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
965	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
966	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
967	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
968	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
969	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
970	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
971	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
972	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
973	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
974	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
950	1	#N/A	Redacted	ok	physical	0	1
951	1	#N/A	Redacted	ok	existing_generic	0	1
952	1	#N/A	Redacted	ok	physical	0	1
953	1	#N/A	Redacted	ok	existing_generic	0	1
954	1	#N/A	Redacted	ok	physical	0	1
955	1	#N/A	Redacted	ok	existing_generic	0	1
956	1	#N/A	Redacted	ok	physical	0	1
957	1	#N/A	Redacted	ok	existing_generic	0	1
958	1	#N/A	Redacted	ok	physical	0	1
959	1	#N/A	Redacted	ok	existing_generic	0	1
960	1	#N/A	Redacted	ok	physical	0	1
961	1	#N/A	Redacted	ok	existing_generic	0	1
962	1	#N/A	Redacted	ok	physical	0	1
963	1	#N/A	Redacted	ok	existing_generic	0	1
964	1	#N/A	Redacted	ok	physical	0	1
965	1	#N/A	Redacted	ok	existing_generic	0	1
966	1	#N/A	Redacted	ok	physical	0	1
967	1	#N/A	Redacted	ok	existing_generic	0	1
968	1	#N/A	Redacted	ok	physical	0	1
969	1	#N/A	Redacted	ok	existing_generic	0	1
970	1	#N/A	Redacted	ok	physical	0	1
971	1	#N/A	Redacted	ok	existing_generic	0	1
972	1	#N/A	Redacted	ok	physical	0	1
973	1	#N/A	Redacted	ok	existing_generic	0	1
974	1	#N/A	Redacted	ok	physical	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
950	Redacted	0	0	1	1	1	1	1	1	1	1
951	Redacted	0	0	1	1	1	1	1	1	1	1
952	Redacted	0	0	1	1	1	1	1	1	1	1
953	Redacted	0	0	1	1	1	1	1	1	1	1
954	Redacted	0	0	1	1	1	1	1	1	1	1
955	Redacted	0	0	1	1	1	1	1	1	1	1
956	Redacted	0	0	1	1	1	1	1	1	1	1
957	Redacted	0	0	1	1	1	1	1	1	1	1
958	Redacted	0	0	1	1	1	1	1	1	1	1
959	Redacted	0	0	1	1	1	1	1	1	1	1
960	Redacted	0	0	1	1	1	1	1	1	1	1
961	Redacted	0	0	1	1	1	1	1	1	1	1
962	Redacted	0	0	1	1	1	1	1	1	1	1
963	Redacted	0	0	1	1	1	1	1	1	1	1
964	Redacted	0	0	1	1	1	1	1	1	1	1
965	Redacted	0	0	1	1	1	1	1	1	1	1
966	Redacted	0	0	1	1	1	1	1	1	1	1
967	Redacted	0	0	1	1	1	1	1	1	1	1
968	Redacted	0	0	1	1	1	1	1	1	1	1
969	Redacted	0	0	1	1	1	1	1	1	1	1
970	Redacted	0	0	1	1	1	1	1	1	1	1
971	Redacted	0	0	1	1	1	1	1	1	1	1
972	Redacted	0	0	1	1	1	1	1	1	1	1
973	Redacted	0	0	1	1	1	1	1	1	1	1
974	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
975	LCE	Redacted	Redacted	2022	7	0	Redacted		online
976	LCE	Redacted	Redacted	2022	8	0	Redacted		online
977	LCE	Redacted	Redacted	2022	8	0	Redacted		online
978	LCE	Redacted	Redacted	2022	9	0	Redacted		online
979	LCE	Redacted	Redacted	2022	9	0	Redacted		online
980	LCE	Redacted	Redacted	2022	10	0	Redacted		online
981	LCE	Redacted	Redacted	2022	10	0	Redacted		online
982	LCE	Redacted	Redacted	2022	11	0	Redacted		online
983	LCE	Redacted	Redacted	2022	11	0	Redacted		online
984	LCE	Redacted	Redacted	2022	12	0	Redacted		online
985	LCE	Redacted	Redacted	2022	12	0	Redacted		online
986	LCE	Redacted	Redacted	2020	1	0	Redacted		online
987	LCE	Redacted	Redacted	2020	2	0	Redacted		online
988	LCE	Redacted	Redacted	2020	3	0	Redacted		online
989	LCE	Redacted	Redacted	2020	4	0	Redacted		online
990	LCE	Redacted	Redacted	2020	5	0	Redacted		online
991	LCE	Redacted	Redacted	2020	6	0	Redacted		online
992	LCE	Redacted	Redacted	2020	7	0	Redacted		online
993	LCE	Redacted	Redacted	2020	8	0	Redacted		online
994	LCE	Redacted	Redacted	2020	9	0	Redacted		online
995	LCE	Redacted	Redacted	2020	10	0	Redacted		online
996	LCE	Redacted	Redacted	2020	11	0	Redacted		online
997	LCE	Redacted	Redacted	2020	12	0	Redacted		online
998	LCE	Redacted	Redacted	2020	1	0	Redacted		online
999	LCE	Redacted	Redacted	2020	2	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
975	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
976	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
977	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
978	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
979	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
980	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
981	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
982	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
983	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
984	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
985	4	Redacted	Redacted	Redacted	1	Redacted	Redacted	1
986		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
987		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
988		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
989		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
990		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
991		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
992		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
993		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
994		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
995		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
996		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
997		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
998		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
999		Redacted	Redacted	Redacted	1	Redacted	Redacted	1

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
975	1	#N/A	Redacted	ok	existing_generic	0	1
976	1	#N/A	Redacted	ok	physical	0	1
977	1	#N/A	Redacted	ok	existing_generic	0	1
978	1	#N/A	Redacted	ok	physical	0	1
979	1	#N/A	Redacted	ok	existing_generic	0	1
980	1	#N/A	Redacted	ok	physical	0	1
981	1	#N/A	Redacted	ok	existing_generic	0	1
982	1	#N/A	Redacted	ok	physical	0	1
983	1	#N/A	Redacted	ok	existing_generic	0	1
984	1	#N/A	Redacted	ok	physical	0	1
985	1	#N/A	Redacted	ok	existing_generic	0	1
986	1	#N/A	Redacted	ok	physical	0	1
987	1	#N/A	Redacted	ok	physical	0	1
988	1	#N/A	Redacted	ok	physical	0	1
989	1	#N/A	Redacted	ok	physical	0	1
990	1	#N/A	Redacted	ok	physical	0	1
991	1	#N/A	Redacted	ok	physical	0	1
992	1	#N/A	Redacted	ok	physical	0	1
993	1	#N/A	Redacted	ok	physical	0	1
994	1	#N/A	Redacted	ok	physical	0	1
995	1	#N/A	Redacted	ok	physical	0	1
996	1	#N/A	Redacted	ok	physical	0	1
997	1	#N/A	Redacted	ok	physical	0	1
998	1	#N/A	Redacted	ok	physical	0	1
999	1	#N/A	Redacted	ok	physical	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
975	Redacted	0	0	1	1	1	1	1	1	1	1
976	Redacted	0	0	1	1	1	1	1	1	1	1
977	Redacted	0	0	1	1	1	1	1	1	1	1
978	Redacted	0	0	1	1	1	1	1	1	1	1
979	Redacted	0	0	1	1	1	1	1	1	1	1
980	Redacted	0	0	1	1	1	1	1	1	1	1
981	Redacted	0	0	1	1	1	1	1	1	1	1
982	Redacted	0	0	1	1	1	1	1	1	1	1
983	Redacted	0	0	1	1	1	1	1	1	1	1
984	Redacted	0	0	1	1	1	1	1	1	1	1
985	Redacted	0	0	1	1	1	1	1	1	1	1
986	Redacted	1	31	1	1	1	1	1	1	1	1
987	Redacted	0	0	1	1	1	1	1	1	1	1
988	Redacted	0	0	1	1	1	1	1	1	1	1
989	Redacted	0	0	1	1	1	1	1	1	1	1
990	Redacted	0	0	1	1	1	1	1	1	1	1
991	Redacted	0	0	1	1	1	1	1	1	1	1
992	Redacted	0	0	1	1	1	1	1	1	1	1
993	Redacted	0	0	1	1	1	1	1	1	1	1
994	Redacted	0	0	1	1	1	1	1	1	1	1
995	Redacted	0	0	1	1	1	1	1	1	1	1
996	Redacted	0	0	1	1	1	1	1	1	1	1
997	Redacted	0	0	1	1	1	1	1	1	1	1
998	Redacted	1	32	1	1	1	1	1	1	1	1
999	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1000	LCE	Redacted	Redacted	2020	3	0	Redacted		online
1001	LCE	Redacted	Redacted	2020	4	0	Redacted		online
1002	LCE	Redacted	Redacted	2020	5	0	Redacted		online
1003	LCE	Redacted	Redacted	2020	6	0	Redacted		online
1004	LCE	Redacted	Redacted	2020	7	0	Redacted		online
1005	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1006	LCE	Redacted	Redacted	2020	9	0	Redacted		online
1007	LCE	Redacted	Redacted	2020	10	0	Redacted		online
1008	LCE	Redacted	Redacted	2020	11	0	Redacted		online
1009	LCE	Redacted	Redacted	2020	12	0	Redacted		online
1010	LCE	unspecified_import	1511 MSCG_RA_1_SS_LCE	2020	1	0	Redacted		online
1011	LCE	Redacted	Redacted	2020	2	0	Redacted		online
1012	LCE	Redacted	Redacted	2020	3	0	Redacted		online
1013	LCE	Redacted	Redacted	2020	4	0	Redacted		online
1014	LCE	Redacted	Redacted	2020	5	0	Redacted		online
1015	LCE	Redacted	Redacted	2020	6	0	Redacted		online
1016	LCE	Redacted	Redacted	2020	7	0	Redacted		online
1017	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1018	LCE	Redacted	Redacted	2020	9	0	Redacted		online
1019	LCE	Redacted	Redacted	2020	10	0	Redacted		online
1020	LCE	Redacted	Redacted	2020	11	0	Redacted		online
1021	LCE	Redacted	Redacted	2020	12	0	Redacted		online
1022	LCE	unspecified_import	1512 MSCG_RA_2_SS_LCE	2020	1	0	Redacted		online
1023	LCE	Redacted	Redacted	2020	2	0	Redacted		online
1024	LCE	Redacted	Redacted	2020	3	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1000		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1001		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1002		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1003		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1004		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1005		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1006		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1007		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1008		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1009		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1010		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_1	0
1011		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1012		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1013		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1014		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1015		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1016		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1017		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1018		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1019		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1020		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1021		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1022		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_1	0
1023		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1024		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1000	1	#N/A	Redacted	ok	physical	0	1
1001	1	#N/A	Redacted	ok	physical	0	1
1002	1	#N/A	Redacted	ok	physical	0	1
1003	1	#N/A	Redacted	ok	physical	0	1
1004	1	#N/A	Redacted	ok	physical	0	1
1005	1	#N/A	Redacted	ok	physical	0	1
1006	1	#N/A	Redacted	ok	physical	0	1
1007	1	#N/A	Redacted	ok	physical	0	1
1008	1	#N/A	Redacted	ok	physical	0	1
1009	1	#N/A	Redacted	ok	physical	0	1
1010	1	#N/A	Redacted	ok	special	0	0
1011	1	#N/A	Redacted	ok	special	0	1
1012	1	#N/A	Redacted	ok	special	0	1
1013	1	#N/A	Redacted	ok	special	0	1
1014	1	#N/A	Redacted	ok	special	0	1
1015	1	#N/A	Redacted	ok	special	0	1
1016	1	#N/A	Redacted	ok	special	0	1
1017	1	#N/A	Redacted	ok	special	0	1
1018	1	#N/A	Redacted	ok	special	0	1
1019	1	#N/A	Redacted	ok	special	0	1
1020	1	#N/A	Redacted	ok	special	0	1
1021	1	#N/A	Redacted	ok	special	0	1
1022	1	#N/A	Redacted	ok	special	0	0
1023	1	#N/A	Redacted	ok	special	0	1
1024	1	#N/A	Redacted	ok	special	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1000	Redacted	0	0	1	1	1	1	1	1	1	1
1001	Redacted	0	0	1	1	1	1	1	1	1	1
1002	Redacted	0	0	1	1	1	1	1	1	1	1
1003	Redacted	0	0	1	1	1	1	1	1	1	1
1004	Redacted	0	0	1	1	1	1	1	1	1	1
1005	Redacted	0	0	1	1	1	1	1	1	1	1
1006	Redacted	0	0	1	1	1	1	1	1	1	1
1007	Redacted	0	0	1	1	1	1	1	1	1	1
1008	Redacted	0	0	1	1	1	1	1	1	1	1
1009	Redacted	0	0	1	1	1	1	1	1	1	1
1010	unspecified_import_1511 MSCG_RA_1_SS_LCE_MSCG_NOB_I_F_IMS010	1	33	1	1	1	1	1	1	1	1
1011	Redacted	0	0	1	1	1	1	1	1	1	1
1012	Redacted	0	0	1	1	1	1	1	1	1	1
1013	Redacted	0	0	1	1	1	1	1	1	1	1
1014	Redacted	0	0	1	1	1	1	1	1	1	1
1015	Redacted	0	0	1	1	1	1	1	1	1	1
1016	Redacted	0	0	1	1	1	1	1	1	1	1
1017	Redacted	0	0	1	1	1	1	1	1	1	1
1018	Redacted	0	0	1	1	1	1	1	1	1	1
1019	Redacted	0	0	1	1	1	1	1	1	1	1
1020	Redacted	0	0	1	1	1	1	1	1	1	1
1021	Redacted	0	0	1	1	1	1	1	1	1	1
1022	unspecified_import_1512 MSCG_RA_2_SS_LCE_MSCG_NOB_I_F_IMS010	1	34	1	1	1	1	1	1	1	1
1023	Redacted	0	0	1	1	1	1	1	1	1	1
1024	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1025	LCE	Redacted	Redacted	2020	4	0	Redacted		online
1026	LCE	Redacted	Redacted	2020	5	0	Redacted		online
1027	LCE	Redacted	Redacted	2020	6	0	Redacted		online
1028	LCE	Redacted	Redacted	2020	7	0	Redacted		online
1029	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1030	LCE	Redacted	Redacted	2020	9	0	Redacted		online
1031	LCE	Redacted	Redacted	2020	10	0	Redacted		online
1032	LCE	Redacted	Redacted	2020	11	0	Redacted		online
1033	LCE	Redacted	Redacted	2020	12	0	Redacted		online
1034	LCE	Redacted	Redacted	2020	1	0	Redacted		online
1035	LCE	Redacted	Redacted	2020	2	0	Redacted		online
1036	LCE	Redacted	Redacted	2020	3	0	Redacted		online
1037	LCE	Redacted	Redacted	2020	4	0	Redacted		online
1038	LCE	Redacted	Redacted	2020	5	0	Redacted		online
1039	LCE	Redacted	Redacted	2020	6	0	Redacted		online
1040	LCE	Redacted	Redacted	2020	7	0	Redacted		online
1041	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1042	LCE	Redacted	Redacted	2020	9	0	Redacted		online
1043	LCE	Redacted	Redacted	2020	10	0	Redacted		online
1044	LCE	Redacted	Redacted	2020	11	0	Redacted		online
1045	LCE	Redacted	Redacted	2020	12	0	Redacted		online
1046	LCE	Redacted	Redacted	2021	1	0	Redacted		online
1047	LCE	Redacted	Redacted	2021	2	0	Redacted		online
1048	LCE	Redacted	Redacted	2021	3	0	Redacted		online
1049	LCE	Redacted	Redacted	2021	4	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1025		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1026		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1027		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1028		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1029		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1030		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1031		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1032		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1033		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1034		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1035		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1036		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1037		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1038		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1039		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1040		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1041		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1042		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1043		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1044		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1045		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1046		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1047		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1048		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1049		Redacted	Redacted	Redacted	1	Redacted	Redacted	1

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1025	1	#N/A	Redacted	ok	special	0	1
1026	1	#N/A	Redacted	ok	special	0	1
1027	1	#N/A	Redacted	ok	special	0	1
1028	1	#N/A	Redacted	ok	special	0	1
1029	1	#N/A	Redacted	ok	special	0	1
1030	1	#N/A	Redacted	ok	special	0	1
1031	1	#N/A	Redacted	ok	special	0	1
1032	1	#N/A	Redacted	ok	special	0	1
1033	1	#N/A	Redacted	ok	special	0	1
1034	1	#N/A	Redacted	ok	physical	0	1
1035	1	#N/A	Redacted	ok	physical	0	1
1036	1	#N/A	Redacted	ok	physical	0	1
1037	1	#N/A	Redacted	ok	physical	0	1
1038	1	#N/A	Redacted	ok	physical	0	1
1039	1	#N/A	Redacted	ok	physical	0	1
1040	1	#N/A	Redacted	ok	physical	0	1
1041	1	#N/A	Redacted	ok	physical	0	1
1042	1	#N/A	Redacted	ok	physical	0	1
1043	1	#N/A	Redacted	ok	physical	0	1
1044	1	#N/A	Redacted	ok	physical	0	1
1045	1	#N/A	Redacted	ok	physical	0	1
1046	1	#N/A	Redacted	ok	physical	0	1
1047	1	#N/A	Redacted	ok	physical	0	1
1048	1	#N/A	Redacted	ok	physical	0	1
1049	1	#N/A	Redacted	ok	physical	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1025	Redacted	0	0	1	1	1	1	1	1	1	1
1026	Redacted	0	0	1	1	1	1	1	1	1	1
1027	Redacted	0	0	1	1	1	1	1	1	1	1
1028	Redacted	0	0	1	1	1	1	1	1	1	1
1029	Redacted	0	0	1	1	1	1	1	1	1	1
1030	Redacted	0	0	1	1	1	1	1	1	1	1
1031	Redacted	0	0	1	1	1	1	1	1	1	1
1032	Redacted	0	0	1	1	1	1	1	1	1	1
1033	Redacted	0	0	1	1	1	1	1	1	1	1
1034	Redacted	1	35	1	1	1	1	1	1	1	1
1035	Redacted	0	0	1	1	1	1	1	1	1	1
1036	Redacted	0	0	1	1	1	1	1	1	1	1
1037	Redacted	0	0	1	1	1	1	1	1	1	1
1038	Redacted	0	0	1	1	1	1	1	1	1	1
1039	Redacted	0	0	1	1	1	1	1	1	1	1
1040	Redacted	0	0	1	1	1	1	1	1	1	1
1041	Redacted	0	0	1	1	1	1	1	1	1	1
1042	Redacted	0	0	1	1	1	1	1	1	1	1
1043	Redacted	0	0	1	1	1	1	1	1	1	1
1044	Redacted	0	0	1	1	1	1	1	1	1	1
1045	Redacted	0	0	1	1	1	1	1	1	1	1
1046	Redacted	1	36	1	1	1	1	1	1	1	1
1047	Redacted	0	0	1	1	1	1	1	1	1	1
1048	Redacted	0	0	1	1	1	1	1	1	1	1
1049	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1050	LCE	Redacted	Redacted	2021	5	0	Redacted		online
1051	LCE	Redacted	Redacted	2021	6	0	Redacted		online
1052	LCE	Redacted	Redacted	2021	7	0	Redacted		online
1053	LCE	Redacted	Redacted	2021	8	0	Redacted		online
1054	LCE	Redacted	Redacted	2021	9	0	Redacted		online
1055	LCE	Redacted	Redacted	2021	10	0	Redacted		online
1056	LCE	Redacted	Redacted	2021	11	0	Redacted		online
1057	LCE	Redacted	Redacted	2021	12	0	Redacted		online
1058	LCE	Redacted	Redacted	2020	1	0	Redacted		online
1059	LCE	Redacted	Redacted	2020	2	0	Redacted		online
1060	LCE	Redacted	Redacted	2020	3	0	Redacted		online
1061	LCE	Redacted	Redacted	2020	4	0	Redacted		online
1062	LCE	Redacted	Redacted	2020	5	0	Redacted		online
1063	LCE	Redacted	Redacted	2020	6	0	Redacted		online
1064	LCE	Redacted	Redacted	2020	7	0	Redacted		online
1065	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1066	LCE	Redacted	Redacted	2020	9	0	Redacted		online
1067	LCE	Redacted	Redacted	2020	10	0	Redacted		online
1068	LCE	Redacted	Redacted	2020	11	0	Redacted		online
1069	LCE	Redacted	Redacted	2020	12	0	Redacted		online
1070	LCE	Redacted	Redacted	2021	1	0	Redacted		online
1071	LCE	Redacted	Redacted	2021	2	0	Redacted		online
1072	LCE	Redacted	Redacted	2021	3	0	Redacted		online
1073	LCE	Redacted	Redacted	2021	4	0	Redacted		online
1074	LCE	Redacted	Redacted	2021	5	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1050		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1051		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1052		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1053		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1054		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1055		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1056		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1057		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1058		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1059		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1060		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1061		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1062		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1063		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1064		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1065		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1066		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1067		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1068		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1069		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1070		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1071		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1072		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1073		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1074		Redacted	Redacted	Redacted	1	Redacted	Redacted	1

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1050	1	#N/A	Redacted	ok	physical	0	1
1051	1	#N/A	Redacted	ok	physical	0	1
1052	1	#N/A	Redacted	ok	physical	0	1
1053	1	#N/A	Redacted	ok	physical	0	1
1054	1	#N/A	Redacted	ok	physical	0	1
1055	1	#N/A	Redacted	ok	physical	0	1
1056	1	#N/A	Redacted	ok	physical	0	1
1057	1	#N/A	Redacted	ok	physical	0	1
1058	1	#N/A	Redacted	ok	physical	0	1
1059	1	#N/A	Redacted	ok	physical	0	1
1060	1	#N/A	Redacted	ok	physical	0	1
1061	1	#N/A	Redacted	ok	physical	0	1
1062	1	#N/A	Redacted	ok	physical	0	1
1063	1	#N/A	Redacted	ok	physical	0	1
1064	1	#N/A	Redacted	ok	physical	0	1
1065	1	#N/A	Redacted	ok	physical	0	1
1066	1	#N/A	Redacted	ok	physical	0	1
1067	1	#N/A	Redacted	ok	physical	0	1
1068	1	#N/A	Redacted	ok	physical	0	1
1069	1	#N/A	Redacted	ok	physical	0	1
1070	1	#N/A	Redacted	ok	physical	0	1
1071	1	#N/A	Redacted	ok	physical	0	1
1072	1	#N/A	Redacted	ok	physical	0	1
1073	1	#N/A	Redacted	ok	physical	0	1
1074	1	#N/A	Redacted	ok	physical	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1050	Redacted	0	0	1	1	1	1	1	1	1	1
1051	Redacted	0	0	1	1	1	1	1	1	1	1
1052	Redacted	0	0	1	1	1	1	1	1	1	1
1053	Redacted	0	0	1	1	1	1	1	1	1	1
1054	Redacted	0	0	1	1	1	1	1	1	1	1
1055	Redacted	0	0	1	1	1	1	1	1	1	1
1056	Redacted	0	0	1	1	1	1	1	1	1	1
1057	Redacted	0	0	1	1	1	1	1	1	1	1
1058	Redacted	1	37	1	1	1	1	1	1	1	1
1059	Redacted	0	0	1	1	1	1	1	1	1	1
1060	Redacted	0	0	1	1	1	1	1	1	1	1
1061	Redacted	0	0	1	1	1	1	1	1	1	1
1062	Redacted	0	0	1	1	1	1	1	1	1	1
1063	Redacted	0	0	1	1	1	1	1	1	1	1
1064	Redacted	0	0	1	1	1	1	1	1	1	1
1065	Redacted	0	0	1	1	1	1	1	1	1	1
1066	Redacted	0	0	1	1	1	1	1	1	1	1
1067	Redacted	0	0	1	1	1	1	1	1	1	1
1068	Redacted	0	0	1	1	1	1	1	1	1	1
1069	Redacted	0	0	1	1	1	1	1	1	1	1
1070	Redacted	0	0	1	1	1	1	1	1	1	1
1071	Redacted	0	0	1	1	1	1	1	1	1	1
1072	Redacted	0	0	1	1	1	1	1	1	1	1
1073	Redacted	0	0	1	1	1	1	1	1	1	1
1074	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1075	LCE	Redacted	Redacted	2021	6	0	Redacted		online
1076	LCE	Redacted	Redacted	2021	7	0	Redacted		online
1077	LCE	Redacted	Redacted	2021	8	0	Redacted		online
1078	LCE	Redacted	Redacted	2021	9	0	Redacted		online
1079	LCE	Redacted	Redacted	2021	10	0	Redacted		online
1080	LCE	Redacted	Redacted	2021	11	0	Redacted		online
1081	LCE	Redacted	Redacted	2021	12	0	Redacted		online
1082	LCE	Redacted	Redacted	2022	1	0	Redacted		online
1083	LCE	Redacted	Redacted	2022	2	0	Redacted		online
1084	LCE	Redacted	Redacted	2022	3	0	Redacted		online
1085	LCE	Redacted	Redacted	2022	4	0	Redacted		online
1086	LCE	Redacted	Redacted	2022	5	0	Redacted		online
1087	LCE	Redacted	Redacted	2022	6	0	Redacted		online
1088	LCE	Redacted	Redacted	2022	7	0	Redacted		online
1089	LCE	Redacted	Redacted	2022	8	0	Redacted		online
1090	LCE	Redacted	Redacted	2022	9	0	Redacted		online
1091	LCE	Redacted	Redacted	2022	10	0	Redacted		online
1092	LCE	Redacted	Redacted	2022	11	0	Redacted		online
1093	LCE	Redacted	Redacted	2022	12	0	Redacted		online
1094	LCE	Redacted	Redacted	2020	5	0	Redacted		online
1095	LCE	Redacted	Redacted	2020	6	0	Redacted		online
1096	LCE	Redacted	Redacted	2020	7	0	Redacted		online
1097	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1098	LCE	Redacted	Redacted	2020	9	0	Redacted		online
1099	LCE	Redacted	Redacted	2020	10	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1075		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1076		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1077		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1078		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1079		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1080		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1081		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1082		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1083		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1084		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1085		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1086		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1087		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1088		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1089		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1090		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1091		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1092		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1093		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1094		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1095		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1096		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1097		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1098		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1099		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1075	1	#N/A	Redacted	ok	physical	0	1
1076	1	#N/A	Redacted	ok	physical	0	1
1077	1	#N/A	Redacted	ok	physical	0	1
1078	1	#N/A	Redacted	ok	physical	0	1
1079	1	#N/A	Redacted	ok	physical	0	1
1080	1	#N/A	Redacted	ok	physical	0	1
1081	1	#N/A	Redacted	ok	physical	0	1
1082	1	#N/A	Redacted	ok	physical	0	1
1083	1	#N/A	Redacted	ok	physical	0	1
1084	1	#N/A	Redacted	ok	physical	0	1
1085	1	#N/A	Redacted	ok	physical	0	1
1086	1	#N/A	Redacted	ok	physical	0	1
1087	1	#N/A	Redacted	ok	physical	0	1
1088	1	#N/A	Redacted	ok	physical	0	1
1089	1	#N/A	Redacted	ok	physical	0	1
1090	1	#N/A	Redacted	ok	physical	0	1
1091	1	#N/A	Redacted	ok	physical	0	1
1092	1	#N/A	Redacted	ok	physical	0	1
1093	1	#N/A	Redacted	ok	physical	0	1
1094	1	#N/A	Redacted	ok	special	0	1
1095	1	#N/A	Redacted	ok	special	0	1
1096	1	#N/A	Redacted	ok	special	0	1
1097	1	#N/A	Redacted	ok	special	0	1
1098	1	#N/A	Redacted	ok	special	0	1
1099	1	#N/A	Redacted	ok	special	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1075	Redacted	0	0	1	1	1	1	1	1	1	1
1076	Redacted	0	0	1	1	1	1	1	1	1	1
1077	Redacted	0	0	1	1	1	1	1	1	1	1
1078	Redacted	0	0	1	1	1	1	1	1	1	1
1079	Redacted	0	0	1	1	1	1	1	1	1	1
1080	Redacted	0	0	1	1	1	1	1	1	1	1
1081	Redacted	0	0	1	1	1	1	1	1	1	1
1082	Redacted	0	0	1	1	1	1	1	1	1	1
1083	Redacted	0	0	1	1	1	1	1	1	1	1
1084	Redacted	0	0	1	1	1	1	1	1	1	1
1085	Redacted	0	0	1	1	1	1	1	1	1	1
1086	Redacted	0	0	1	1	1	1	1	1	1	1
1087	Redacted	0	0	1	1	1	1	1	1	1	1
1088	Redacted	0	0	1	1	1	1	1	1	1	1
1089	Redacted	0	0	1	1	1	1	1	1	1	1
1090	Redacted	0	0	1	1	1	1	1	1	1	1
1091	Redacted	0	0	1	1	1	1	1	1	1	1
1092	Redacted	0	0	1	1	1	1	1	1	1	1
1093	Redacted	0	0	1	1	1	1	1	1	1	1
1094	Redacted	1	38	1	1	1	1	1	1	1	1
1095	Redacted	0	0	1	1	1	1	1	1	1	1
1096	Redacted	0	0	1	1	1	1	1	1	1	1
1097	Redacted	0	0	1	1	1	1	1	1	1	1
1098	Redacted	0	0	1	1	1	1	1	1	1	1
1099	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1100	LCE	Redacted	Redacted	2020	5	0	Redacted		online
1101	LCE	Redacted	Redacted	2020	6	0	Redacted		online
1102	LCE	Redacted	Redacted	2020	7	0	Redacted		online
1103	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1104	LCE	Redacted	Redacted	2020	9	0	Redacted		online
1105	LCE	Redacted	Redacted	2020	10	0	Redacted		online
1106	LCE	Redacted	Redacted	2020	1	0	Redacted		online
1107	LCE	Redacted	Redacted	2020	1	0	Redacted		online
1108	LCE	Redacted	Redacted	2020	2	0	Redacted		online
1109	LCE	Redacted	Redacted	2020	2	0	Redacted		online
1110	LCE	Redacted	Redacted	2020	3	0	Redacted		online
1111	LCE	Redacted	Redacted	2020	3	0	Redacted		online
1112	LCE	Redacted	Redacted	2020	4	0	Redacted		online
1113	LCE	Redacted	Redacted	2020	4	0	Redacted		online
1114	LCE	Redacted	Redacted	2020	5	0	Redacted		online
1115	LCE	Redacted	Redacted	2020	5	0	Redacted		online
1116	LCE	Redacted	Redacted	2020	6	0	Redacted		online
1117	LCE	Redacted	Redacted	2020	6	0	Redacted		online
1118	LCE	Redacted	Redacted	2020	7	0	Redacted		online
1119	LCE	Redacted	Redacted	2020	7	0	Redacted		online
1120	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1121	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1122	LCE	Redacted	Redacted	2020	9	0	Redacted		online
1123	LCE	Redacted	Redacted	2020	9	0	Redacted		online
1124	LCE	Redacted	Redacted	2020	10	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1100		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1101		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1102		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1103		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1104		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1105		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1106		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.14
1107		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.14
1108		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1109		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1110		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.28
1111		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.28
1112		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1113		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1114		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1115		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1116		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.33
1117		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.33
1118		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.23
1119		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.23
1120		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.21
1121		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.21
1122		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.15
1123		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.15
1124		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.08

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1100	1	#N/A	Redacted	ok	special	0	1
1101	1	#N/A	Redacted	ok	special	0	1
1102	1	#N/A	Redacted	ok	special	0	1
1103	1	#N/A	Redacted	ok	special	0	1
1104	1	#N/A	Redacted	ok	special	0	1
1105	1	#N/A	Redacted	ok	special	0	1
1106	1	#N/A	Redacted	ok	physical	0	1
1107	1	#N/A	Redacted	ok	physical	0	1
1108	1	#N/A	Redacted	ok	physical	0	1
1109	1	#N/A	Redacted	ok	physical	0	1
1110	1	#N/A	Redacted	ok	physical	0	1
1111	1	#N/A	Redacted	ok	physical	0	1
1112	1	#N/A	Redacted	ok	physical	0	1
1113	1	#N/A	Redacted	ok	physical	0	1
1114	1	#N/A	Redacted	ok	physical	0	1
1115	1	#N/A	Redacted	ok	physical	0	1
1116	1	#N/A	Redacted	ok	physical	0	1
1117	1	#N/A	Redacted	ok	physical	0	1
1118	1	#N/A	Redacted	ok	physical	0	1
1119	1	#N/A	Redacted	ok	physical	0	1
1120	1	#N/A	Redacted	ok	physical	0	1
1121	1	#N/A	Redacted	ok	physical	0	1
1122	1	#N/A	Redacted	ok	physical	0	1
1123	1	#N/A	Redacted	ok	physical	0	1
1124	1	#N/A	Redacted	ok	physical	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1100	Redacted	1	39	1	1	1	1	1	1	1	1
1101	Redacted	0	0	1	1	1	1	1	1	1	1
1102	Redacted	0	0	1	1	1	1	1	1	1	1
1103	Redacted	0	0	1	1	1	1	1	1	1	1
1104	Redacted	0	0	1	1	1	1	1	1	1	1
1105	Redacted	0	0	1	1	1	1	1	1	1	1
1106	Redacted	1	40	1	1	1	1	1	1	1	1
1107	Redacted	1	41	1	1	1	1	1	1	1	1
1108	Redacted	0	0	1	1	1	1	1	1	1	1
1109	Redacted	0	0	1	1	1	1	1	1	1	1
1110	Redacted	0	0	1	1	1	1	1	1	1	1
1111	Redacted	0	0	1	1	1	1	1	1	1	1
1112	Redacted	0	0	1	1	1	1	1	1	1	1
1113	Redacted	0	0	1	1	1	1	1	1	1	1
1114	Redacted	0	0	1	1	1	1	1	1	1	1
1115	Redacted	0	0	1	1	1	1	1	1	1	1
1116	Redacted	0	0	1	1	1	1	1	1	1	1
1117	Redacted	0	0	1	1	1	1	1	1	1	1
1118	Redacted	0	0	1	1	1	1	1	1	1	1
1119	Redacted	0	0	1	1	1	1	1	1	1	1
1120	Redacted	0	0	1	1	1	1	1	1	1	1
1121	Redacted	0	0	1	1	1	1	1	1	1	1
1122	Redacted	0	0	1	1	1	1	1	1	1	1
1123	Redacted	0	0	1	1	1	1	1	1	1	1
1124	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1125	LCE	Redacted	Redacted	2020	10	0	Redacted		online
1126	LCE	Redacted	Redacted	2020	11	0	Redacted		online
1127	LCE	Redacted	Redacted	2020	11	0	Redacted		online
1128	LCE	Redacted	Redacted	2020	12	0	Redacted		online
1129	LCE	Redacted	Redacted	2020	12	0	Redacted		online
1130	LCE	Redacted	Redacted	2021	1	0	Redacted		online
1131	LCE	Redacted	Redacted	2021	1	0	Redacted		online
1132	LCE	Redacted	Redacted	2021	2	0	Redacted		online
1133	LCE	Redacted	Redacted	2021	2	0	Redacted		online
1134	LCE	Redacted	Redacted	2021	3	0	Redacted		online
1135	LCE	Redacted	Redacted	2021	3	0	Redacted		online
1136	LCE	Redacted	Redacted	2021	4	0	Redacted		online
1137	LCE	Redacted	Redacted	2021	4	0	Redacted		online
1138	LCE	Redacted	Redacted	2021	5	0	Redacted		online
1139	LCE	Redacted	Redacted	2021	5	0	Redacted		online
1140	LCE	Redacted	Redacted	2021	6	0	Redacted		online
1141	LCE	Redacted	Redacted	2021	6	0	Redacted		online
1142	LCE	Redacted	Redacted	2021	7	0	Redacted		online
1143	LCE	Redacted	Redacted	2021	7	0	Redacted		online
1144	LCE	Redacted	Redacted	2021	8	0	Redacted		online
1145	LCE	Redacted	Redacted	2021	8	0	Redacted		online
1146	LCE	Redacted	Redacted	2021	9	0	Redacted		online
1147	LCE	Redacted	Redacted	2021	9	0	Redacted		online
1148	LCE	Redacted	Redacted	2021	10	0	Redacted		online
1149	LCE	Redacted	Redacted	2021	10	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1125		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.08
1126		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1127		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1128		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.13
1129		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.13
1130		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.14
1131		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.14
1132		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1133		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1134		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.28
1135		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.28
1136		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1137		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1138		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1139		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1140		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.33
1141		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.33
1142		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.23
1143		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.23
1144		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.21
1145		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.21
1146		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.15
1147		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.15
1148		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.08
1149		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.08

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1125	1	#N/A	Redacted	ok	physical	0	1
1126	1	#N/A	Redacted	ok	physical	0	1
1127	1	#N/A	Redacted	ok	physical	0	1
1128	1	#N/A	Redacted	ok	physical	0	1
1129	1	#N/A	Redacted	ok	physical	0	1
1130	1	#N/A	Redacted	ok	physical	0	1
1131	1	#N/A	Redacted	ok	physical	0	1
1132	1	#N/A	Redacted	ok	physical	0	1
1133	1	#N/A	Redacted	ok	physical	0	1
1134	1	#N/A	Redacted	ok	physical	0	1
1135	1	#N/A	Redacted	ok	physical	0	1
1136	1	#N/A	Redacted	ok	physical	0	1
1137	1	#N/A	Redacted	ok	physical	0	1
1138	1	#N/A	Redacted	ok	physical	0	1
1139	1	#N/A	Redacted	ok	physical	0	1
1140	1	#N/A	Redacted	ok	physical	0	1
1141	1	#N/A	Redacted	ok	physical	0	1
1142	1	#N/A	Redacted	ok	physical	0	1
1143	1	#N/A	Redacted	ok	physical	0	1
1144	1	#N/A	Redacted	ok	physical	0	1
1145	1	#N/A	Redacted	ok	physical	0	1
1146	1	#N/A	Redacted	ok	physical	0	1
1147	1	#N/A	Redacted	ok	physical	0	1
1148	1	#N/A	Redacted	ok	physical	0	1
1149	1	#N/A	Redacted	ok	physical	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1125	Redacted	0	0	1	1	1	1	1	1	1	1
1126	Redacted	0	0	1	1	1	1	1	1	1	1
1127	Redacted	0	0	1	1	1	1	1	1	1	1
1128	Redacted	0	0	1	1	1	1	1	1	1	1
1129	Redacted	0	0	1	1	1	1	1	1	1	1
1130	Redacted	0	0	1	1	1	1	1	1	1	1
1131	Redacted	0	0	1	1	1	1	1	1	1	1
1132	Redacted	0	0	1	1	1	1	1	1	1	1
1133	Redacted	0	0	1	1	1	1	1	1	1	1
1134	Redacted	0	0	1	1	1	1	1	1	1	1
1135	Redacted	0	0	1	1	1	1	1	1	1	1
1136	Redacted	0	0	1	1	1	1	1	1	1	1
1137	Redacted	0	0	1	1	1	1	1	1	1	1
1138	Redacted	0	0	1	1	1	1	1	1	1	1
1139	Redacted	0	0	1	1	1	1	1	1	1	1
1140	Redacted	0	0	1	1	1	1	1	1	1	1
1141	Redacted	0	0	1	1	1	1	1	1	1	1
1142	Redacted	0	0	1	1	1	1	1	1	1	1
1143	Redacted	0	0	1	1	1	1	1	1	1	1
1144	Redacted	0	0	1	1	1	1	1	1	1	1
1145	Redacted	0	0	1	1	1	1	1	1	1	1
1146	Redacted	0	0	1	1	1	1	1	1	1	1
1147	Redacted	0	0	1	1	1	1	1	1	1	1
1148	Redacted	0	0	1	1	1	1	1	1	1	1
1149	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1150	LCE	Redacted	Redacted	2021	11	0	Redacted		online
1151	LCE	Redacted	Redacted	2021	11	0	Redacted		online
1152	LCE	Redacted	Redacted	2021	12	0	Redacted		online
1153	LCE	Redacted	Redacted	2021	12	0	Redacted		online
1154	LCE	Redacted	Redacted	2022	1	0	Redacted		online
1155	LCE	Redacted	Redacted	2022	1	0	Redacted		online
1156	LCE	Redacted	Redacted	2022	2	0	Redacted		online
1157	LCE	Redacted	Redacted	2022	2	0	Redacted		online
1158	LCE	Redacted	Redacted	2022	3	0	Redacted		online
1159	LCE	Redacted	Redacted	2022	3	0	Redacted		online
1160	LCE	Redacted	Redacted	2022	4	0	Redacted		online
1161	LCE	Redacted	Redacted	2022	4	0	Redacted		online
1162	LCE	Redacted	Redacted	2022	5	0	Redacted		online
1163	LCE	Redacted	Redacted	2022	5	0	Redacted		online
1164	LCE	Redacted	Redacted	2022	6	0	Redacted		online
1165	LCE	Redacted	Redacted	2022	6	0	Redacted		online
1166	LCE	Redacted	Redacted	2022	7	0	Redacted		online
1167	LCE	Redacted	Redacted	2022	7	0	Redacted		online
1168	LCE	Redacted	Redacted	2022	8	0	Redacted		online
1169	LCE	Redacted	Redacted	2022	8	0	Redacted		online
1170	LCE	Redacted	Redacted	2022	9	0	Redacted		online
1171	LCE	Redacted	Redacted	2022	9	0	Redacted		online
1172	LCE	Redacted	Redacted	2022	10	0	Redacted		online
1173	LCE	Redacted	Redacted	2022	10	0	Redacted		online
1174	LCE	Redacted	Redacted	2022	11	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1150		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1151		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1152		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.13
1153		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.13
1154		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.14
1155		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.14
1156		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1157		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1158		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.28
1159		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.28
1160		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1161		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1162		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1163		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1164		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.33
1165		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.33
1166		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.23
1167		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.23
1168		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.21
1169		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.21
1170		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.15
1171		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.15
1172		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.08
1173		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.08
1174		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1150	1	#N/A	Redacted	ok	physical	0	1
1151	1	#N/A	Redacted	ok	physical	0	1
1152	1	#N/A	Redacted	ok	physical	0	1
1153	1	#N/A	Redacted	ok	physical	0	1
1154	1	#N/A	Redacted	ok	physical	0	1
1155	1	#N/A	Redacted	ok	physical	0	1
1156	1	#N/A	Redacted	ok	physical	0	1
1157	1	#N/A	Redacted	ok	physical	0	1
1158	1	#N/A	Redacted	ok	physical	0	1
1159	1	#N/A	Redacted	ok	physical	0	1
1160	1	#N/A	Redacted	ok	physical	0	1
1161	1	#N/A	Redacted	ok	physical	0	1
1162	1	#N/A	Redacted	ok	physical	0	1
1163	1	#N/A	Redacted	ok	physical	0	1
1164	1	#N/A	Redacted	ok	physical	0	1
1165	1	#N/A	Redacted	ok	physical	0	1
1166	1	#N/A	Redacted	ok	physical	0	1
1167	1	#N/A	Redacted	ok	physical	0	1
1168	1	#N/A	Redacted	ok	physical	0	1
1169	1	#N/A	Redacted	ok	physical	0	1
1170	1	#N/A	Redacted	ok	physical	0	1
1171	1	#N/A	Redacted	ok	physical	0	1
1172	1	#N/A	Redacted	ok	physical	0	1
1173	1	#N/A	Redacted	ok	physical	0	1
1174	1	#N/A	Redacted	ok	physical	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1150	Redacted	0	0	1	1	1	1	1	1	1	1
1151	Redacted	0	0	1	1	1	1	1	1	1	1
1152	Redacted	0	0	1	1	1	1	1	1	1	1
1153	Redacted	0	0	1	1	1	1	1	1	1	1
1154	Redacted	0	0	1	1	1	1	1	1	1	1
1155	Redacted	0	0	1	1	1	1	1	1	1	1
1156	Redacted	0	0	1	1	1	1	1	1	1	1
1157	Redacted	0	0	1	1	1	1	1	1	1	1
1158	Redacted	0	0	1	1	1	1	1	1	1	1
1159	Redacted	0	0	1	1	1	1	1	1	1	1
1160	Redacted	0	0	1	1	1	1	1	1	1	1
1161	Redacted	0	0	1	1	1	1	1	1	1	1
1162	Redacted	0	0	1	1	1	1	1	1	1	1
1163	Redacted	0	0	1	1	1	1	1	1	1	1
1164	Redacted	0	0	1	1	1	1	1	1	1	1
1165	Redacted	0	0	1	1	1	1	1	1	1	1
1166	Redacted	0	0	1	1	1	1	1	1	1	1
1167	Redacted	0	0	1	1	1	1	1	1	1	1
1168	Redacted	0	0	1	1	1	1	1	1	1	1
1169	Redacted	0	0	1	1	1	1	1	1	1	1
1170	Redacted	0	0	1	1	1	1	1	1	1	1
1171	Redacted	0	0	1	1	1	1	1	1	1	1
1172	Redacted	0	0	1	1	1	1	1	1	1	1
1173	Redacted	0	0	1	1	1	1	1	1	1	1
1174	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1175	LCE	Redacted	Redacted	2022	11	0	Redacted		online
1176	LCE	Redacted	Redacted	2022	12	0	Redacted		online
1177	LCE	Redacted	Redacted	2022	12	0	Redacted		online
1178	LCE	Redacted	Redacted	2021	1	0	Redacted		online
1179	LCE	Redacted	Redacted	2021	2	0	Redacted		online
1180	LCE	Redacted	Redacted	2021	3	0	Redacted		online
1181	LCE	Redacted	Redacted	2021	4	0	Redacted		online
1182	LCE	Redacted	Redacted	2021	5	0	Redacted		online
1183	LCE	Redacted	Redacted	2021	6	0	Redacted		online
1184	LCE	Redacted	Redacted	2021	7	0	Redacted		online
1185	LCE	Redacted	Redacted	2021	8	0	Redacted		online
1186	LCE	Redacted	Redacted	2021	9	0	Redacted		online
1187	LCE	Redacted	Redacted	2021	10	0	Redacted		online
1188	LCE	Redacted	Redacted	2021	11	0	Redacted		online
1189	LCE	Redacted	Redacted	2021	12	0	Redacted		online
1190	LCE	Redacted	Redacted	2022	1	0	Redacted		online
1191	LCE	Redacted	Redacted	2022	2	0	Redacted		online
1192	LCE	Redacted	Redacted	2022	3	0	Redacted		online
1193	LCE	Redacted	Redacted	2022	4	0	Redacted		online
1194	LCE	Redacted	Redacted	2022	5	0	Redacted		online
1195	LCE	Redacted	Redacted	2022	6	0	Redacted		online
1196	LCE	Redacted	Redacted	2022	7	0	Redacted		online
1197	LCE	Redacted	Redacted	2022	8	0	Redacted		online
1198	LCE	Redacted	Redacted	2022	9	0	Redacted		online
1199	LCE	Redacted	Redacted	2022	10	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1175		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1176		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.13
1177		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.13
1178		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1179		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1180		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1181		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1182		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1183		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1184		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1185		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1186		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1187		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1188		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1189		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1190		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1191		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1192		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1193		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1194		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1195		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1196		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1197		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1198		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1199		Redacted	Redacted	Redacted	1	Redacted	Redacted	1

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1175	1	#N/A	Redacted	ok	physical	0	1
1176	1	#N/A	Redacted	ok	physical	0	1
1177	1	#N/A	Redacted	ok	physical	0	1
1178	1	#N/A	Redacted	ok	physical	0	1
1179	1	#N/A	Redacted	ok	physical	0	1
1180	1	#N/A	Redacted	ok	physical	0	1
1181	1	#N/A	Redacted	ok	physical	0	1
1182	1	#N/A	Redacted	ok	physical	0	1
1183	1	#N/A	Redacted	ok	physical	0	1
1184	1	#N/A	Redacted	ok	physical	0	1
1185	1	#N/A	Redacted	ok	physical	0	1
1186	1	#N/A	Redacted	ok	physical	0	1
1187	1	#N/A	Redacted	ok	physical	0	1
1188	1	#N/A	Redacted	ok	physical	0	1
1189	1	#N/A	Redacted	ok	physical	0	1
1190	1	#N/A	Redacted	ok	physical	0	1
1191	1	#N/A	Redacted	ok	physical	0	1
1192	1	#N/A	Redacted	ok	physical	0	1
1193	1	#N/A	Redacted	ok	physical	0	1
1194	1	#N/A	Redacted	ok	physical	0	1
1195	1	#N/A	Redacted	ok	physical	0	1
1196	1	#N/A	Redacted	ok	physical	0	1
1197	1	#N/A	Redacted	ok	physical	0	1
1198	1	#N/A	Redacted	ok	physical	0	1
1199	1	#N/A	Redacted	ok	physical	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1175	Redacted	0	0	1	1	1	1	1	1	1	1
1176	Redacted	0	0	1	1	1	1	1	1	1	1
1177	Redacted	0	0	1	1	1	1	1	1	1	1
1178	Redacted	1	42	1	1	1	1	1	1	1	1
1179	Redacted	0	0	1	1	1	1	1	1	1	1
1180	Redacted	0	0	1	1	1	1	1	1	1	1
1181	Redacted	0	0	1	1	1	1	1	1	1	1
1182	Redacted	0	0	1	1	1	1	1	1	1	1
1183	Redacted	0	0	1	1	1	1	1	1	1	1
1184	Redacted	0	0	1	1	1	1	1	1	1	1
1185	Redacted	0	0	1	1	1	1	1	1	1	1
1186	Redacted	0	0	1	1	1	1	1	1	1	1
1187	Redacted	0	0	1	1	1	1	1	1	1	1
1188	Redacted	0	0	1	1	1	1	1	1	1	1
1189	Redacted	0	0	1	1	1	1	1	1	1	1
1190	Redacted	0	0	1	1	1	1	1	1	1	1
1191	Redacted	0	0	1	1	1	1	1	1	1	1
1192	Redacted	0	0	1	1	1	1	1	1	1	1
1193	Redacted	0	0	1	1	1	1	1	1	1	1
1194	Redacted	0	0	1	1	1	1	1	1	1	1
1195	Redacted	0	0	1	1	1	1	1	1	1	1
1196	Redacted	0	0	1	1	1	1	1	1	1	1
1197	Redacted	0	0	1	1	1	1	1	1	1	1
1198	Redacted	0	0	1	1	1	1	1	1	1	1
1199	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1200	LCE	Redacted	Redacted	2022	11	0	Redacted		online
1201	LCE	Redacted	Redacted	2022	12	0	Redacted		online
1202	LCE	Redacted	Redacted	2021	1	0	Redacted		online
1203	LCE	Redacted	Redacted	2021	2	0	Redacted		online
1204	LCE	Redacted	Redacted	2021	3	0	Redacted		online
1205	LCE	Redacted	Redacted	2021	4	0	Redacted		online
1206	LCE	Redacted	Redacted	2021	5	0	Redacted		online
1207	LCE	Redacted	Redacted	2021	6	0	Redacted		online
1208	LCE	Redacted	Redacted	2021	7	0	Redacted		online
1209	LCE	Redacted	Redacted	2021	8	0	Redacted		online
1210	LCE	Redacted	Redacted	2021	9	0	Redacted		online
1211	LCE	Redacted	Redacted	2021	10	0	Redacted		online
1212	LCE	Redacted	Redacted	2021	11	0	Redacted		online
1213	LCE	Redacted	Redacted	2021	12	0	Redacted		online
1214	LCE	Redacted	Redacted	2022	1	0	Redacted		online
1215	LCE	Redacted	Redacted	2022	2	0	Redacted		online
1216	LCE	Redacted	Redacted	2022	3	0	Redacted		online
1217	LCE	Redacted	Redacted	2022	4	0	Redacted		online
1218	LCE	Redacted	Redacted	2022	5	0	Redacted		online
1219	LCE	Redacted	Redacted	2022	6	0	Redacted		online
1220	LCE	Redacted	Redacted	2022	7	0	Redacted		online
1221	LCE	Redacted	Redacted	2022	8	0	Redacted		online
1222	LCE	Redacted	Redacted	2022	9	0	Redacted		online
1223	LCE	Redacted	Redacted	2022	10	0	Redacted		online
1224	LCE	Redacted	Redacted	2022	11	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1200		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1201		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1202		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1203		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1204		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1205		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1206		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1207		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1208		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1209		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1210		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1211		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1212		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1213		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1214		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1215		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1216		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1217		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1218		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1219		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1220		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1221		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1222		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1223		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1224		Redacted	Redacted	Redacted	1	Redacted	Redacted	1

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1200	1	#N/A	Redacted	ok	physical	0	1
1201	1	#N/A	Redacted	ok	physical	0	1
1202	1	#N/A	Redacted	ok	physical	0	1
1203	1	#N/A	Redacted	ok	physical	0	1
1204	1	#N/A	Redacted	ok	physical	0	1
1205	1	#N/A	Redacted	ok	physical	0	1
1206	1	#N/A	Redacted	ok	physical	0	1
1207	1	#N/A	Redacted	ok	physical	0	1
1208	1	#N/A	Redacted	ok	physical	0	1
1209	1	#N/A	Redacted	ok	physical	0	1
1210	1	#N/A	Redacted	ok	physical	0	1
1211	1	#N/A	Redacted	ok	physical	0	1
1212	1	#N/A	Redacted	ok	physical	0	1
1213	1	#N/A	Redacted	ok	physical	0	1
1214	1	#N/A	Redacted	ok	physical	0	1
1215	1	#N/A	Redacted	ok	physical	0	1
1216	1	#N/A	Redacted	ok	physical	0	1
1217	1	#N/A	Redacted	ok	physical	0	1
1218	1	#N/A	Redacted	ok	physical	0	1
1219	1	#N/A	Redacted	ok	physical	0	1
1220	1	#N/A	Redacted	ok	physical	0	1
1221	1	#N/A	Redacted	ok	physical	0	1
1222	1	#N/A	Redacted	ok	physical	0	1
1223	1	#N/A	Redacted	ok	physical	0	1
1224	1	#N/A	Redacted	ok	physical	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1200	Redacted	0	0	1	1	1	1	1	1	1	1
1201	Redacted	0	0	1	1	1	1	1	1	1	1
1202	Redacted	1	43	1	1	1	1	1	1	1	1
1203	Redacted	0	0	1	1	1	1	1	1	1	1
1204	Redacted	0	0	1	1	1	1	1	1	1	1
1205	Redacted	0	0	1	1	1	1	1	1	1	1
1206	Redacted	0	0	1	1	1	1	1	1	1	1
1207	Redacted	0	0	1	1	1	1	1	1	1	1
1208	Redacted	0	0	1	1	1	1	1	1	1	1
1209	Redacted	0	0	1	1	1	1	1	1	1	1
1210	Redacted	0	0	1	1	1	1	1	1	1	1
1211	Redacted	0	0	1	1	1	1	1	1	1	1
1212	Redacted	0	0	1	1	1	1	1	1	1	1
1213	Redacted	0	0	1	1	1	1	1	1	1	1
1214	Redacted	0	0	1	1	1	1	1	1	1	1
1215	Redacted	0	0	1	1	1	1	1	1	1	1
1216	Redacted	0	0	1	1	1	1	1	1	1	1
1217	Redacted	0	0	1	1	1	1	1	1	1	1
1218	Redacted	0	0	1	1	1	1	1	1	1	1
1219	Redacted	0	0	1	1	1	1	1	1	1	1
1220	Redacted	0	0	1	1	1	1	1	1	1	1
1221	Redacted	0	0	1	1	1	1	1	1	1	1
1222	Redacted	0	0	1	1	1	1	1	1	1	1
1223	Redacted	0	0	1	1	1	1	1	1	1	1
1224	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1225	LCE	Redacted	Redacted	2022	12	0	Redacted		online
1226	LCE	Redacted	Redacted	2020	1	0	Redacted		online
1227	LCE	Redacted	Redacted	2020	1	0	Redacted		online
1228	LCE	Redacted	Redacted	2020	7	0	Redacted		online
1229	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1230	LCE	Redacted	Redacted	2020	9	0	Redacted		online
1231	LCE	WSTWND_2_M89WD1	1722 CALPINE_RA_6_SS_LCE	2020	3	0	Redacted		online
1232	LCE	WSTWND_2_M89WD1	1723 CALPINE_RA_10_SS_LCE	2020	5	0	Redacted		online
1233	LCE	LEBECS_2_UNITS	1724 CALPINE_RA_11_BC_LCE	2020	5	0	Redacted		online
1234	LCE	VSTAES_6_VESBT1	1725 CALPINE_RA_7_SSF3_LCE	2020	5	0	Redacted		online
1235	LCE	PLAINV_6_DSOLAR	1726 CALPINE_RA_8_BC_LCE	2020	5	0	Redacted		online
1236	LCE	MORWD_6_QF	1727 CALPINE_RA_9_SS_LCE	2020	5	0	Redacted		online
1237	LCE	Redacted	Redacted	2022	1	0	Redacted		online
1238	LCE	Redacted	Redacted	2022	2	0	Redacted		online
1239	LCE	Redacted	Redacted	2022	3	0	Redacted		online
1240	LCE	Redacted	Redacted	2022	4	0	Redacted		online
1241	LCE	Redacted	Redacted	2022	5	0	Redacted		online
1242	LCE	Redacted	Redacted	2022	6	0	Redacted		online
1243	LCE	Redacted	Redacted	2022	7	0	Redacted		online
1244	LCE	Redacted	Redacted	2022	8	0	Redacted		online
1245	LCE	Redacted	Redacted	2022	9	0	Redacted		online
1246	LCE	Redacted	Redacted	2022	10	0	Redacted		online
1247	LCE	Redacted	Redacted	2022	11	0	Redacted		online
1248	LCE	Redacted	Redacted	2022	12	0	Redacted		online
1249	LCE	Redacted	Redacted	2023	1	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1225		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1226		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1227		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1228		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1229		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1230		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1231		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_3	0.28
1232		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_5	0.25
1233		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_5	1
1234		Redacted	Redacted	CAISO_Li_Battery	1	battery	battery_2020_5	1
1235		Redacted	Redacted	CAISO_Solar	1	solar	solar_2020_5	0.16
1236		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_5	0.25
1237		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1238		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1239		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1240		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1241		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1242		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1243		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1244		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1245		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1246		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1247		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1248		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1249		Redacted	Redacted	Redacted	1	Redacted	Redacted	1

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1225	1	#N/A	Redacted	ok	physical	0	1
1226	1	#N/A	Redacted	ok	physical	0	1
1227	1	#N/A	Redacted	ok	special	0	1
1228	1	#N/A	Redacted	ok	special	0	1
1229	1	#N/A	Redacted	ok	special	0	1
1230	1	#N/A	Redacted	ok	special	0	1
1231	1	#N/A	Redacted	ok	physical	0	0
1232	1	#N/A	Redacted	ok	physical	0	0
1233	1	#N/A	Redacted	ok	physical	0	0
1234	0	#N/A	Redacted	ok	physical	0	0
1235	1	#N/A	Redacted	ok	physical	0	0
1236	1	#N/A	Redacted	ok	physical	0	0
1237	1	#N/A	Redacted	ok	physical	0	1
1238	1	#N/A	Redacted	ok	physical	0	1
1239	1	#N/A	Redacted	ok	physical	0	1
1240	1	#N/A	Redacted	ok	physical	0	1
1241	1	#N/A	Redacted	ok	physical	0	1
1242	1	#N/A	Redacted	ok	physical	0	1
1243	1	#N/A	Redacted	ok	physical	0	1
1244	1	#N/A	Redacted	ok	physical	0	1
1245	1	#N/A	Redacted	ok	physical	0	1
1246	1	#N/A	Redacted	ok	physical	0	1
1247	1	#N/A	Redacted	ok	physical	0	1
1248	1	#N/A	Redacted	ok	physical	0	1
1249	1	#N/A	Redacted	ok	physical	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1225	Redacted	0	0	1	1	1	1	1	1	1	1
1226	Redacted	1	44	1	1	1	1	1	1	1	1
1227	Redacted	1	45	1	1	1	1	1	1	1	1
1228	Redacted	1	46	1	1	1	1	1	1	1	1
1229	Redacted	0	0	1	1	1	1	1	1	1	1
1230	Redacted	0	0	1	1	1	1	1	1	1	1
1231	WSTWND_2_M89WD1_1722 CALPINE_RA_6_SS_LCE_none	1	47	1	1	1	1	1	1	1	1
1232	WSTWND_2_M89WD1_1723 CALPINE_RA_10_SS_LCE_none	1	48	1	1	1	1	1	1	1	1
1233	LEBECS_2_UNITS_1724 CALPINE_RA_11_BC_LCE_none	1	49	1	1	1	1	1	1	1	1
1234	VSTAES_6_VESBT1_1725 CALPINE_RA_7_SSF3_LCE_none	1	50	1	1	1	1	1	1	1	1
1235	PLAINV_6_DSOLAR_1726 CALPINE_RA_8_BC_LCE_none	1	51	1	1	1	1	1	1	1	1
1236	MORWD_6_QF_1727 CALPINE_RA_9_SS_LCE_none	1	52	1	1	1	1	1	1	1	1
1237	Redacted	1	53	1	1	1	1	1	1	1	1
1238	Redacted	0	0	1	1	1	1	1	1	1	1
1239	Redacted	0	0	1	1	1	1	1	1	1	1
1240	Redacted	0	0	1	1	1	1	1	1	1	1
1241	Redacted	0	0	1	1	1	1	1	1	1	1
1242	Redacted	0	0	1	1	1	1	1	1	1	1
1243	Redacted	0	0	1	1	1	1	1	1	1	1
1244	Redacted	0	0	1	1	1	1	1	1	1	1
1245	Redacted	0	0	1	1	1	1	1	1	1	1
1246	Redacted	0	0	1	1	1	1	1	1	1	1
1247	Redacted	0	0	1	1	1	1	1	1	1	1
1248	Redacted	0	0	1	1	1	1	1	1	1	1
1249	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1250	LCE	Redacted	Redacted	2023	2	0	Redacted		online
1251	LCE	Redacted	Redacted	2023	3	0	Redacted		online
1252	LCE	Redacted	Redacted	2023	4	0	Redacted		online
1253	LCE	Redacted	Redacted	2023	5	0	Redacted		online
1254	LCE	Redacted	Redacted	2023	6	0	Redacted		online
1255	LCE	Redacted	Redacted	2023	7	0	Redacted		online
1256	LCE	Redacted	Redacted	2023	8	0	Redacted		online
1257	LCE	Redacted	Redacted	2023	9	0	Redacted		online
1258	LCE	Redacted	Redacted	2023	10	0	Redacted		online
1259	LCE	Redacted	Redacted	2023	11	0	Redacted		online
1260	LCE	Redacted	Redacted	2023	12	0	Redacted		online
1261	LCE	Redacted	Redacted	2021	1	0	Redacted		online
1262	LCE	Redacted	Redacted	2021	2	0	Redacted		online
1263	LCE	Redacted	Redacted	2021	3	0	Redacted		online
1264	LCE	Redacted	Redacted	2021	4	0	Redacted		online
1265	LCE	Redacted	Redacted	2021	5	0	Redacted		online
1266	LCE	Redacted	Redacted	2021	6	0	Redacted		online
1267	LCE	Redacted	Redacted	2021	7	0	Redacted		online
1268	LCE	Redacted	Redacted	2021	8	0	Redacted		online
1269	LCE	Redacted	Redacted	2021	9	0	Redacted		online
1270	LCE	Redacted	Redacted	2021	10	0	Redacted		online
1271	LCE	Redacted	Redacted	2021	11	0	Redacted		online
1272	LCE	Redacted	Redacted	2021	12	0	Redacted		online
1273	LCE	Redacted	Redacted	2022	1	0	Redacted		online
1274	LCE	Redacted	Redacted	2022	2	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1250		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1251		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1252		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1253		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1254		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1255		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1256		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1257		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1258		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1259		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1260		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1261		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1262		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1263		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1264		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1265		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1266		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1267		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1268		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1269		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1270		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1271		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1272		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1273		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1274		Redacted	Redacted	Redacted	1	Redacted	Redacted	1

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1250	1	#N/A	Redacted	ok	physical	0	1
1251	1	#N/A	Redacted	ok	physical	0	1
1252	1	#N/A	Redacted	ok	physical	0	1
1253	1	#N/A	Redacted	ok	physical	0	1
1254	1	#N/A	Redacted	ok	physical	0	1
1255	1	#N/A	Redacted	ok	physical	0	1
1256	1	#N/A	Redacted	ok	physical	0	1
1257	1	#N/A	Redacted	ok	physical	0	1
1258	1	#N/A	Redacted	ok	physical	0	1
1259	1	#N/A	Redacted	ok	physical	0	1
1260	1	#N/A	Redacted	ok	physical	0	1
1261	1	#N/A	Redacted	ok	physical	0	1
1262	1	#N/A	Redacted	ok	physical	0	1
1263	1	#N/A	Redacted	ok	physical	0	1
1264	1	#N/A	Redacted	ok	physical	0	1
1265	1	#N/A	Redacted	ok	physical	0	1
1266	1	#N/A	Redacted	ok	physical	0	1
1267	1	#N/A	Redacted	ok	physical	0	1
1268	1	#N/A	Redacted	ok	physical	0	1
1269	1	#N/A	Redacted	ok	physical	0	1
1270	1	#N/A	Redacted	ok	physical	0	1
1271	1	#N/A	Redacted	ok	physical	0	1
1272	1	#N/A	Redacted	ok	physical	0	1
1273	1	#N/A	Redacted	ok	physical	0	1
1274	1	#N/A	Redacted	ok	physical	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1250	Redacted	0	0	1	1	1	1	1	1	1	1
1251	Redacted	0	0	1	1	1	1	1	1	1	1
1252	Redacted	0	0	1	1	1	1	1	1	1	1
1253	Redacted	0	0	1	1	1	1	1	1	1	1
1254	Redacted	0	0	1	1	1	1	1	1	1	1
1255	Redacted	0	0	1	1	1	1	1	1	1	1
1256	Redacted	0	0	1	1	1	1	1	1	1	1
1257	Redacted	0	0	1	1	1	1	1	1	1	1
1258	Redacted	0	0	1	1	1	1	1	1	1	1
1259	Redacted	0	0	1	1	1	1	1	1	1	1
1260	Redacted	0	0	1	1	1	1	1	1	1	1
1261	Redacted	1	54	1	1	1	1	1	1	1	1
1262	Redacted	0	0	1	1	1	1	1	1	1	1
1263	Redacted	0	0	1	1	1	1	1	1	1	1
1264	Redacted	0	0	1	1	1	1	1	1	1	1
1265	Redacted	0	0	1	1	1	1	1	1	1	1
1266	Redacted	0	0	1	1	1	1	1	1	1	1
1267	Redacted	0	0	1	1	1	1	1	1	1	1
1268	Redacted	0	0	1	1	1	1	1	1	1	1
1269	Redacted	0	0	1	1	1	1	1	1	1	1
1270	Redacted	0	0	1	1	1	1	1	1	1	1
1271	Redacted	0	0	1	1	1	1	1	1	1	1
1272	Redacted	0	0	1	1	1	1	1	1	1	1
1273	Redacted	0	0	1	1	1	1	1	1	1	1
1274	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1275	LCE	Redacted	Redacted	2022	3	0	Redacted		online
1276	LCE	Redacted	Redacted	2022	4	0	Redacted		online
1277	LCE	Redacted	Redacted	2022	5	0	Redacted		online
1278	LCE	Redacted	Redacted	2022	6	0	Redacted		online
1279	LCE	Redacted	Redacted	2022	7	0	Redacted		online
1280	LCE	Redacted	Redacted	2022	8	0	Redacted		online
1281	LCE	Redacted	Redacted	2022	9	0	Redacted		online
1282	LCE	Redacted	Redacted	2022	10	0	Redacted		online
1283	LCE	Redacted	Redacted	2022	11	0	Redacted		online
1284	LCE	Redacted	Redacted	2022	12	0	Redacted		online
1285	LCE	Redacted	Redacted	2023	1	0	Redacted		online
1286	LCE	Redacted	Redacted	2023	2	0	Redacted		online
1287	LCE	Redacted	Redacted	2023	3	0	Redacted		online
1288	LCE	Redacted	Redacted	2023	4	0	Redacted		online
1289	LCE	Redacted	Redacted	2023	5	0	Redacted		online
1290	LCE	Redacted	Redacted	2023	6	0	Redacted		online
1291	LCE	Redacted	Redacted	2023	7	0	Redacted		online
1292	LCE	Redacted	Redacted	2023	8	0	Redacted		online
1293	LCE	Redacted	Redacted	2023	9	0	Redacted		online
1294	LCE	Redacted	Redacted	2023	10	0	Redacted		online
1295	LCE	Redacted	Redacted	2023	11	0	Redacted		online
1296	LCE	Redacted	Redacted	2023	12	0	Redacted		online
1297	LCE	WSTWND_2_M89WD1	1821 AZUSA_RA_1_SS_LCE	2020	6	0	Redacted		online
1298	LCE	Redacted	Redacted	2022	6	0	Redacted		development
1299	LCE	Redacted	Redacted	2022	7	0	Redacted		development

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1275		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1276		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1277		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1278		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1279		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1280		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1281		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1282		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1283		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1284		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1285		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1286		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1287		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1288		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1289		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1290		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1291		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1292		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1293		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1294		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1295		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1296		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1297		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	0.33
1298	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1299	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1275	1	#N/A	Redacted	ok	physical	0	1
1276	1	#N/A	Redacted	ok	physical	0	1
1277	1	#N/A	Redacted	ok	physical	0	1
1278	1	#N/A	Redacted	ok	physical	0	1
1279	1	#N/A	Redacted	ok	physical	0	1
1280	1	#N/A	Redacted	ok	physical	0	1
1281	1	#N/A	Redacted	ok	physical	0	1
1282	1	#N/A	Redacted	ok	physical	0	1
1283	1	#N/A	Redacted	ok	physical	0	1
1284	1	#N/A	Redacted	ok	physical	0	1
1285	1	#N/A	Redacted	ok	physical	0	1
1286	1	#N/A	Redacted	ok	physical	0	1
1287	1	#N/A	Redacted	ok	physical	0	1
1288	1	#N/A	Redacted	ok	physical	0	1
1289	1	#N/A	Redacted	ok	physical	0	1
1290	1	#N/A	Redacted	ok	physical	0	1
1291	1	#N/A	Redacted	ok	physical	0	1
1292	1	#N/A	Redacted	ok	physical	0	1
1293	1	#N/A	Redacted	ok	physical	0	1
1294	1	#N/A	Redacted	ok	physical	0	1
1295	1	#N/A	Redacted	ok	physical	0	1
1296	1	#N/A	Redacted	ok	physical	0	1
1297	1	#N/A	Redacted	ok	physical	0	0
1298	1	#N/A	Redacted	ok	new_generic	0	1
1299	1	#N/A	Redacted	ok	new_generic	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1275	Redacted	0	0	1	1	1	1	1	1	1	1
1276	Redacted	0	0	1	1	1	1	1	1	1	1
1277	Redacted	0	0	1	1	1	1	1	1	1	1
1278	Redacted	0	0	1	1	1	1	1	1	1	1
1279	Redacted	0	0	1	1	1	1	1	1	1	1
1280	Redacted	0	0	1	1	1	1	1	1	1	1
1281	Redacted	0	0	1	1	1	1	1	1	1	1
1282	Redacted	0	0	1	1	1	1	1	1	1	1
1283	Redacted	0	0	1	1	1	1	1	1	1	1
1284	Redacted	0	0	1	1	1	1	1	1	1	1
1285	Redacted	0	0	1	1	1	1	1	1	1	1
1286	Redacted	0	0	1	1	1	1	1	1	1	1
1287	Redacted	0	0	1	1	1	1	1	1	1	1
1288	Redacted	0	0	1	1	1	1	1	1	1	1
1289	Redacted	0	0	1	1	1	1	1	1	1	1
1290	Redacted	0	0	1	1	1	1	1	1	1	1
1291	Redacted	0	0	1	1	1	1	1	1	1	1
1292	Redacted	0	0	1	1	1	1	1	1	1	1
1293	Redacted	0	0	1	1	1	1	1	1	1	1
1294	Redacted	0	0	1	1	1	1	1	1	1	1
1295	Redacted	0	0	1	1	1	1	1	1	1	1
1296	Redacted	0	0	1	1	1	1	1	1	1	1
1297	WSTWND_2_M89WD1_1821 AZUSA_RA_1_SS_LCE_none	1	55	1	1	1	1	1	1	1	1
1298	Redacted	1	56	1	1	1	1	1	1	1	1
1299	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1300	LCE	Redacted	Redacted	2022	8	0	Redacted		development
1301	LCE	Redacted	Redacted	2022	9	0	Redacted		development
1302	LCE	Redacted	Redacted	2022	10	0	Redacted		development
1303	LCE	Redacted	Redacted	2022	11	0	Redacted		development
1304	LCE	Redacted	Redacted	2022	12	0	Redacted		development
1305	LCE	Redacted	Redacted	2023	1	0	Redacted		development
1306	LCE	Redacted	Redacted	2023	2	0	Redacted		development
1307	LCE	Redacted	Redacted	2023	3	0	Redacted		development
1308	LCE	Redacted	Redacted	2023	4	0	Redacted		development
1309	LCE	Redacted	Redacted	2023	5	0	Redacted		development
1310	LCE	Redacted	Redacted	2023	6	0	Redacted		development
1311	LCE	Redacted	Redacted	2023	7	0	Redacted		development
1312	LCE	Redacted	Redacted	2023	8	0	Redacted		development
1313	LCE	Redacted	Redacted	2023	9	0	Redacted		development
1314	LCE	Redacted	Redacted	2023	10	0	Redacted		development
1315	LCE	Redacted	Redacted	2023	11	0	Redacted		development
1316	LCE	Redacted	Redacted	2023	12	0	Redacted		development
1317	LCE	Redacted	Redacted	2024	1	0	Redacted		development
1318	LCE	Redacted	Redacted	2024	2	0	Redacted		development
1319	LCE	Redacted	Redacted	2024	3	0	Redacted		development
1320	LCE	Redacted	Redacted	2024	4	0	Redacted		development
1321	LCE	Redacted	Redacted	2024	5	0	Redacted		development
1322	LCE	Redacted	Redacted	2024	6	0	Redacted		development
1323	LCE	Redacted	Redacted	2024	7	0	Redacted		development
1324	LCE	Redacted	Redacted	2024	8	0	Redacted		development

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1300	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1301	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1302	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1303	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1304	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1305	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1306	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1307	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1308	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1309	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1310	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1311	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1312	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1313	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1314	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1315	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1316	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1317	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1318	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1319	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1320	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1321	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1322	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1323	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1324	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1300	1	#N/A	Redacted	ok	new_generic	0	1
1301	1	#N/A	Redacted	ok	new_generic	0	1
1302	1	#N/A	Redacted	ok	new_generic	0	1
1303	1	#N/A	Redacted	ok	new_generic	0	1
1304	1	#N/A	Redacted	ok	new_generic	0	1
1305	1	#N/A	Redacted	ok	new_generic	0	1
1306	1	#N/A	Redacted	ok	new_generic	0	1
1307	1	#N/A	Redacted	ok	new_generic	0	1
1308	1	#N/A	Redacted	ok	new_generic	0	1
1309	1	#N/A	Redacted	ok	new_generic	0	1
1310	1	#N/A	Redacted	ok	new_generic	0	1
1311	1	#N/A	Redacted	ok	new_generic	0	1
1312	1	#N/A	Redacted	ok	new_generic	0	1
1313	1	#N/A	Redacted	ok	new_generic	0	1
1314	1	#N/A	Redacted	ok	new_generic	0	1
1315	1	#N/A	Redacted	ok	new_generic	0	1
1316	1	#N/A	Redacted	ok	new_generic	0	1
1317	1	#N/A	Redacted	ok	new_generic	0	1
1318	1	#N/A	Redacted	ok	new_generic	0	1
1319	1	#N/A	Redacted	ok	new_generic	0	1
1320	1	#N/A	Redacted	ok	new_generic	0	1
1321	1	#N/A	Redacted	ok	new_generic	0	1
1322	1	#N/A	Redacted	ok	new_generic	0	1
1323	1	#N/A	Redacted	ok	new_generic	0	1
1324	1	#N/A	Redacted	ok	new_generic	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1300	Redacted	0	0	1	1	1	1	1	1	1	1
1301	Redacted	0	0	1	1	1	1	1	1	1	1
1302	Redacted	0	0	1	1	1	1	1	1	1	1
1303	Redacted	0	0	1	1	1	1	1	1	1	1
1304	Redacted	0	0	1	1	1	1	1	1	1	1
1305	Redacted	0	0	1	1	1	1	1	1	1	1
1306	Redacted	0	0	1	1	1	1	1	1	1	1
1307	Redacted	0	0	1	1	1	1	1	1	1	1
1308	Redacted	0	0	1	1	1	1	1	1	1	1
1309	Redacted	0	0	1	1	1	1	1	1	1	1
1310	Redacted	0	0	1	1	1	1	1	1	1	1
1311	Redacted	0	0	1	1	1	1	1	1	1	1
1312	Redacted	0	0	1	1	1	1	1	1	1	1
1313	Redacted	0	0	1	1	1	1	1	1	1	1
1314	Redacted	0	0	1	1	1	1	1	1	1	1
1315	Redacted	0	0	1	1	1	1	1	1	1	1
1316	Redacted	0	0	1	1	1	1	1	1	1	1
1317	Redacted	0	0	1	1	1	1	1	1	1	1
1318	Redacted	0	0	1	1	1	1	1	1	1	1
1319	Redacted	0	0	1	1	1	1	1	1	1	1
1320	Redacted	0	0	1	1	1	1	1	1	1	1
1321	Redacted	0	0	1	1	1	1	1	1	1	1
1322	Redacted	0	0	1	1	1	1	1	1	1	1
1323	Redacted	0	0	1	1	1	1	1	1	1	1
1324	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1325	LCE	Redacted	Redacted	2024	9	0	Redacted		development
1326	LCE	Redacted	Redacted	2024	10	0	Redacted		development
1327	LCE	Redacted	Redacted	2024	11	0	Redacted		development
1328	LCE	Redacted	Redacted	2024	12	0	Redacted		development
1329	LCE	Redacted	Redacted	2025	1	0	Redacted		development
1330	LCE	Redacted	Redacted	2025	2	0	Redacted		development
1331	LCE	Redacted	Redacted	2025	3	0	Redacted		development
1332	LCE	Redacted	Redacted	2025	4	0	Redacted		development
1333	LCE	Redacted	Redacted	2025	5	0	Redacted		development
1334	LCE	Redacted	Redacted	2025	6	0	Redacted		development
1335	LCE	Redacted	Redacted	2025	7	0	Redacted		development
1336	LCE	Redacted	Redacted	2025	8	0	Redacted		development
1337	LCE	Redacted	Redacted	2025	9	0	Redacted		development
1338	LCE	Redacted	Redacted	2025	10	0	Redacted		development
1339	LCE	Redacted	Redacted	2025	11	0	Redacted		development
1340	LCE	Redacted	Redacted	2025	12	0	Redacted		development
1341	LCE	Redacted	Redacted	2026	1	0	Redacted		development
1342	LCE	Redacted	Redacted	2026	2	0	Redacted		development
1343	LCE	Redacted	Redacted	2026	3	0	Redacted		development
1344	LCE	Redacted	Redacted	2026	4	0	Redacted		development
1345	LCE	Redacted	Redacted	2026	5	0	Redacted		development
1346	LCE	Redacted	Redacted	2026	6	0	Redacted		development
1347	LCE	Redacted	Redacted	2026	7	0	Redacted		development
1348	LCE	Redacted	Redacted	2026	8	0	Redacted		development
1349	LCE	Redacted	Redacted	2026	9	0	Redacted		development

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1325	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1326	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1327	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1328	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	1
1329	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.983017324
1330	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.983017324
1331	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.983017324
1332	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.983017324
1333	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.983017324
1334	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.983017324
1335	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.983017324
1336	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.983017324
1337	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.983017324
1338	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.983017324
1339	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.983017324
1340	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.983017324
1341	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1342	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1343	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1344	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1345	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1346	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1347	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1348	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1349	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1325	1	#N/A	Redacted	ok	new_generic	0	1
1326	1	#N/A	Redacted	ok	new_generic	0	1
1327	1	#N/A	Redacted	ok	new_generic	0	1
1328	1	#N/A	Redacted	ok	new_generic	0	1
1329	1	#N/A	Redacted	ok	new_generic	0	1
1330	1	#N/A	Redacted	ok	new_generic	0	1
1331	1	#N/A	Redacted	ok	new_generic	0	1
1332	1	#N/A	Redacted	ok	new_generic	0	1
1333	1	#N/A	Redacted	ok	new_generic	0	1
1334	1	#N/A	Redacted	ok	new_generic	0	1
1335	1	#N/A	Redacted	ok	new_generic	0	1
1336	1	#N/A	Redacted	ok	new_generic	0	1
1337	1	#N/A	Redacted	ok	new_generic	0	1
1338	1	#N/A	Redacted	ok	new_generic	0	1
1339	1	#N/A	Redacted	ok	new_generic	0	1
1340	1	#N/A	Redacted	ok	new_generic	0	1
1341	1	#N/A	Redacted	ok	new_generic	0	1
1342	1	#N/A	Redacted	ok	new_generic	0	1
1343	1	#N/A	Redacted	ok	new_generic	0	1
1344	1	#N/A	Redacted	ok	new_generic	0	1
1345	1	#N/A	Redacted	ok	new_generic	0	1
1346	1	#N/A	Redacted	ok	new_generic	0	1
1347	1	#N/A	Redacted	ok	new_generic	0	1
1348	1	#N/A	Redacted	ok	new_generic	0	1
1349	1	#N/A	Redacted	ok	new_generic	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1325	Redacted	0	0	1	1	1	1	1	1	1	1
1326	Redacted	0	0	1	1	1	1	1	1	1	1
1327	Redacted	0	0	1	1	1	1	1	1	1	1
1328	Redacted	0	0	1	1	1	1	1	1	1	1
1329	Redacted	0	0	1	1	1	1	1	1	1	1
1330	Redacted	0	0	1	1	1	1	1	1	1	1
1331	Redacted	0	0	1	1	1	1	1	1	1	1
1332	Redacted	0	0	1	1	1	1	1	1	1	1
1333	Redacted	0	0	1	1	1	1	1	1	1	1
1334	Redacted	0	0	1	1	1	1	1	1	1	1
1335	Redacted	0	0	1	1	1	1	1	1	1	1
1336	Redacted	0	0	1	1	1	1	1	1	1	1
1337	Redacted	0	0	1	1	1	1	1	1	1	1
1338	Redacted	0	0	1	1	1	1	1	1	1	1
1339	Redacted	0	0	1	1	1	1	1	1	1	1
1340	Redacted	0	0	1	1	1	1	1	1	1	1
1341	Redacted	0	0	1	1	1	1	1	1	1	1
1342	Redacted	0	0	1	1	1	1	1	1	1	1
1343	Redacted	0	0	1	1	1	1	1	1	1	1
1344	Redacted	0	0	1	1	1	1	1	1	1	1
1345	Redacted	0	0	1	1	1	1	1	1	1	1
1346	Redacted	0	0	1	1	1	1	1	1	1	1
1347	Redacted	0	0	1	1	1	1	1	1	1	1
1348	Redacted	0	0	1	1	1	1	1	1	1	1
1349	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1350	LCE	Redacted	Redacted	2026	10	0	Redacted		development
1351	LCE	Redacted	Redacted	2026	11	0	Redacted		development
1352	LCE	Redacted	Redacted	2026	12	0	Redacted		development
1353	LCE	Redacted	Redacted	2027	1	0	Redacted		development
1354	LCE	Redacted	Redacted	2027	2	0	Redacted		development
1355	LCE	Redacted	Redacted	2027	3	0	Redacted		development
1356	LCE	Redacted	Redacted	2027	4	0	Redacted		development
1357	LCE	Redacted	Redacted	2027	5	0	Redacted		development
1358	LCE	Redacted	Redacted	2027	6	0	Redacted		development
1359	LCE	Redacted	Redacted	2027	7	0	Redacted		development
1360	LCE	Redacted	Redacted	2027	8	0	Redacted		development
1361	LCE	Redacted	Redacted	2027	9	0	Redacted		development
1362	LCE	Redacted	Redacted	2027	10	0	Redacted		development
1363	LCE	Redacted	Redacted	2027	11	0	Redacted		development
1364	LCE	Redacted	Redacted	2027	12	0	Redacted		development
1365	LCE	Redacted	Redacted	2028	1	0	Redacted		development
1366	LCE	Redacted	Redacted	2028	2	0	Redacted		development
1367	LCE	Redacted	Redacted	2028	3	0	Redacted		development
1368	LCE	Redacted	Redacted	2028	4	0	Redacted		development
1369	LCE	Redacted	Redacted	2028	5	0	Redacted		development
1370	LCE	Redacted	Redacted	2028	6	0	Redacted		development
1371	LCE	Redacted	Redacted	2028	7	0	Redacted		development
1372	LCE	Redacted	Redacted	2028	8	0	Redacted		development
1373	LCE	Redacted	Redacted	2028	9	0	Redacted		development
1374	LCE	Redacted	Redacted	2028	10	0	Redacted		development

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1350	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1351	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1352	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1353	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1354	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1355	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1356	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1357	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1358	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1359	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1360	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1361	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1362	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1363	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1364	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1365	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1366	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1367	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1368	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1369	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1370	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1371	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1372	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1373	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1374	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1350	1	#N/A	Redacted	ok	new_generic	0	1
1351	1	#N/A	Redacted	ok	new_generic	0	1
1352	1	#N/A	Redacted	ok	new_generic	0	1
1353	1	#N/A	Redacted	ok	new_generic	0	1
1354	1	#N/A	Redacted	ok	new_generic	0	1
1355	1	#N/A	Redacted	ok	new_generic	0	1
1356	1	#N/A	Redacted	ok	new_generic	0	1
1357	1	#N/A	Redacted	ok	new_generic	0	1
1358	1	#N/A	Redacted	ok	new_generic	0	1
1359	1	#N/A	Redacted	ok	new_generic	0	1
1360	1	#N/A	Redacted	ok	new_generic	0	1
1361	1	#N/A	Redacted	ok	new_generic	0	1
1362	1	#N/A	Redacted	ok	new_generic	0	1
1363	1	#N/A	Redacted	ok	new_generic	0	1
1364	1	#N/A	Redacted	ok	new_generic	0	1
1365	1	#N/A	Redacted	ok	new_generic	0	1
1366	1	#N/A	Redacted	ok	new_generic	0	1
1367	1	#N/A	Redacted	ok	new_generic	0	1
1368	1	#N/A	Redacted	ok	new_generic	0	1
1369	1	#N/A	Redacted	ok	new_generic	0	1
1370	1	#N/A	Redacted	ok	new_generic	0	1
1371	1	#N/A	Redacted	ok	new_generic	0	1
1372	1	#N/A	Redacted	ok	new_generic	0	1
1373	1	#N/A	Redacted	ok	new_generic	0	1
1374	1	#N/A	Redacted	ok	new_generic	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1350	Redacted	0	0	1	1	1	1	1	1	1	1
1351	Redacted	0	0	1	1	1	1	1	1	1	1
1352	Redacted	0	0	1	1	1	1	1	1	1	1
1353	Redacted	0	0	1	1	1	1	1	1	1	1
1354	Redacted	0	0	1	1	1	1	1	1	1	1
1355	Redacted	0	0	1	1	1	1	1	1	1	1
1356	Redacted	0	0	1	1	1	1	1	1	1	1
1357	Redacted	0	0	1	1	1	1	1	1	1	1
1358	Redacted	0	0	1	1	1	1	1	1	1	1
1359	Redacted	0	0	1	1	1	1	1	1	1	1
1360	Redacted	0	0	1	1	1	1	1	1	1	1
1361	Redacted	0	0	1	1	1	1	1	1	1	1
1362	Redacted	0	0	1	1	1	1	1	1	1	1
1363	Redacted	0	0	1	1	1	1	1	1	1	1
1364	Redacted	0	0	1	1	1	1	1	1	1	1
1365	Redacted	0	0	1	1	1	1	1	1	1	1
1366	Redacted	0	0	1	1	1	1	1	1	1	1
1367	Redacted	0	0	1	1	1	1	1	1	1	1
1368	Redacted	0	0	1	1	1	1	1	1	1	1
1369	Redacted	0	0	1	1	1	1	1	1	1	1
1370	Redacted	0	0	1	1	1	1	1	1	1	1
1371	Redacted	0	0	1	1	1	1	1	1	1	1
1372	Redacted	0	0	1	1	1	1	1	1	1	1
1373	Redacted	0	0	1	1	1	1	1	1	1	1
1374	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1375	LCE	Redacted	Redacted	2028	11	0	Redacted		development
1376	LCE	Redacted	Redacted	2028	12	0	Redacted		development
1377	LCE	Redacted	Redacted	2029	1	0	Redacted		development
1378	LCE	Redacted	Redacted	2029	2	0	Redacted		development
1379	LCE	Redacted	Redacted	2029	3	0	Redacted		development
1380	LCE	Redacted	Redacted	2029	4	0	Redacted		development
1381	LCE	Redacted	Redacted	2029	5	0	Redacted		development
1382	LCE	Redacted	Redacted	2029	6	0	Redacted		development
1383	LCE	Redacted	Redacted	2029	7	0	Redacted		development
1384	LCE	Redacted	Redacted	2029	8	0	Redacted		development
1385	LCE	Redacted	Redacted	2029	9	0	Redacted		development
1386	LCE	Redacted	Redacted	2029	10	0	Redacted		development
1387	LCE	Redacted	Redacted	2029	11	0	Redacted		development
1388	LCE	Redacted	Redacted	2029	12	0	Redacted		development
1389	LCE	Redacted	Redacted	2030	1	0	Redacted		development
1390	LCE	Redacted	Redacted	2030	2	0	Redacted		development
1391	LCE	Redacted	Redacted	2030	3	0	Redacted		development
1392	LCE	Redacted	Redacted	2030	4	0	Redacted		development
1393	LCE	Redacted	Redacted	2030	5	0	Redacted		development
1394	LCE	Redacted	Redacted	2030	6	0	Redacted		development
1395	LCE	Redacted	Redacted	2030	7	0	Redacted		development
1396	LCE	Redacted	Redacted	2030	8	0	Redacted		development
1397	LCE	Redacted	Redacted	2030	9	0	Redacted		development
1398	LCE	Redacted	Redacted	2030	10	0	Redacted		development
1399	LCE	Redacted	Redacted	2030	11	0	Redacted		development

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1375	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1376	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1377	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1378	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1379	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1380	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1381	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1382	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1383	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1384	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1385	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1386	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1387	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1388	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1389	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1390	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1391	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1392	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1393	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1394	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1395	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1396	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1397	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1398	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1399	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1375	1	#N/A	Redacted	ok	new_generic	0	1
1376	1	#N/A	Redacted	ok	new_generic	0	1
1377	1	#N/A	Redacted	ok	new_generic	0	1
1378	1	#N/A	Redacted	ok	new_generic	0	1
1379	1	#N/A	Redacted	ok	new_generic	0	1
1380	1	#N/A	Redacted	ok	new_generic	0	1
1381	1	#N/A	Redacted	ok	new_generic	0	1
1382	1	#N/A	Redacted	ok	new_generic	0	1
1383	1	#N/A	Redacted	ok	new_generic	0	1
1384	1	#N/A	Redacted	ok	new_generic	0	1
1385	1	#N/A	Redacted	ok	new_generic	0	1
1386	1	#N/A	Redacted	ok	new_generic	0	1
1387	1	#N/A	Redacted	ok	new_generic	0	1
1388	1	#N/A	Redacted	ok	new_generic	0	1
1389	1	#N/A	Redacted	ok	new_generic	0	1
1390	1	#N/A	Redacted	ok	new_generic	0	1
1391	1	#N/A	Redacted	ok	new_generic	0	1
1392	1	#N/A	Redacted	ok	new_generic	0	1
1393	1	#N/A	Redacted	ok	new_generic	0	1
1394	1	#N/A	Redacted	ok	new_generic	0	1
1395	1	#N/A	Redacted	ok	new_generic	0	1
1396	1	#N/A	Redacted	ok	new_generic	0	1
1397	1	#N/A	Redacted	ok	new_generic	0	1
1398	1	#N/A	Redacted	ok	new_generic	0	1
1399	1	#N/A	Redacted	ok	new_generic	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1375	Redacted	0	0	1	1	1	1	1	1	1	1
1376	Redacted	0	0	1	1	1	1	1	1	1	1
1377	Redacted	0	0	1	1	1	1	1	1	1	1
1378	Redacted	0	0	1	1	1	1	1	1	1	1
1379	Redacted	0	0	1	1	1	1	1	1	1	1
1380	Redacted	0	0	1	1	1	1	1	1	1	1
1381	Redacted	0	0	1	1	1	1	1	1	1	1
1382	Redacted	0	0	1	1	1	1	1	1	1	1
1383	Redacted	0	0	1	1	1	1	1	1	1	1
1384	Redacted	0	0	1	1	1	1	1	1	1	1
1385	Redacted	0	0	1	1	1	1	1	1	1	1
1386	Redacted	0	0	1	1	1	1	1	1	1	1
1387	Redacted	0	0	1	1	1	1	1	1	1	1
1388	Redacted	0	0	1	1	1	1	1	1	1	1
1389	Redacted	0	0	1	1	1	1	1	1	1	1
1390	Redacted	0	0	1	1	1	1	1	1	1	1
1391	Redacted	0	0	1	1	1	1	1	1	1	1
1392	Redacted	0	0	1	1	1	1	1	1	1	1
1393	Redacted	0	0	1	1	1	1	1	1	1	1
1394	Redacted	0	0	1	1	1	1	1	1	1	1
1395	Redacted	0	0	1	1	1	1	1	1	1	1
1396	Redacted	0	0	1	1	1	1	1	1	1	1
1397	Redacted	0	0	1	1	1	1	1	1	1	1
1398	Redacted	0	0	1	1	1	1	1	1	1	1
1399	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1400	LCE	Redacted	Redacted	2030	12	0	Redacted		development
1401	LCE	MORWD_6_QF	1843 AZUSA_RA_2_SS_LCE	2020	7	0	Redacted		online
1402	LCE	WSTWND_2_M89WD1	1843 AZUSA_RA_2_SS_LCE	2020	7	0	Redacted		online
1403	LCE	Redacted	Redacted	2020	7	0	Redacted		online
1404	LCE	Redacted	Redacted	2020	7	0	Redacted		online
1405	LCE	Redacted	Redacted	2020	7	0	Redacted		online
1406	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1407	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1408	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1409	LCE	Redacted	Redacted	2020	10	0	Redacted		online
1410	LCE	Redacted	Redacted	2020	10	0	Redacted		online
1411	LCE	Redacted	Redacted	2020	10	0	Redacted		online
1412	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1413	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1414	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1415	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1416	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1417	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1418	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1419	LCE	transfer_sale	1858 AVCE_RA_4_SS_LCE	2020	8	0	Redacted		online
1420	LCE	transfer_sale	1859 RMEA_RA_4_SS_LCE	2020	8	0	Redacted		online
1421	LCE	transfer_sale	1867 PRIME_RA_3_SS_LCE	2020	8	0	Redacted		online
1422	LCE	transfer_sale	1868 SJP_RA_3_SS_LCE	2020	8	0	Redacted		online
1423	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online
1424	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1400	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
1401		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_7	0.23
1402		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_7	0.23
1403		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1404		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1405		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1406		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1407		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1408		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1409		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1410		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1411		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1412		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1413		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1414		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1415		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1416		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1417		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1418		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1419		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_8	0
1420		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_8	0
1421		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_8	0
1422		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_8	0
1423		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0
1424		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1400	1	#N/A	Redacted	ok	new_generic	0	1
1401	1	#N/A	Redacted	ok	physical	0	0
1402	1	#N/A	Redacted	ok	physical	0	0
1403	1	#N/A	Redacted	ok	special	0	1
1404	1	#N/A	Redacted	ok	special	0	1
1405	1	#N/A	Redacted	ok	special	0	1
1406	1	#N/A	Redacted	ok	specified_imports	0	1
1407	1	#N/A	Redacted	ok	specified_imports	0	1
1408	1	#N/A	Redacted	ok	specified_imports	0	1
1409	1	#N/A	Redacted	ok	specified_imports	0	1
1410	1	#N/A	Redacted	ok	specified_imports	0	1
1411	1	#N/A	Redacted	ok	specified_imports	0	1
1412	1	#N/A	Redacted	ok	specified_imports	0	1
1413	1	#N/A	Redacted	ok	special	0	1
1414	1	#N/A	Redacted	ok	special	0	1
1415	1	#N/A	Redacted	ok	special	0	1
1416	1	#N/A	Redacted	ok	special	0	1
1417	1	#N/A	Redacted	ok	special	0	1
1418	1	#N/A	Redacted	ok	special	0	1
1419	1	#N/A	Redacted	ok	special	0	0
1420	1	#N/A	Redacted	ok	special	0	0
1421	1	#N/A	Redacted	ok	special	0	0
1422	1	#N/A	Redacted	ok	special	0	0
1423	1	#N/A	Redacted	ok	special	0	0
1424	1	#N/A	Redacted	ok	special	0	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1400	Redacted	0	0	1	1	1	1	1	1	1	1
1401	MORWD_6_QF_1843 AZUSA_RA_2_SS_LCE_none	1	57	1	1	1	1	1	1	1	1
1402	WSTWND_2_M89WD1_1843 AZUSA_RA_2_SS_LCE_none	1	58	1	1	1	1	1	1	1	1
1403	Redacted	1	59	1	1	1	1	1	1	1	1
1404	Redacted	1	60	1	1	1	1	1	1	1	1
1405	Redacted	1	61	1	1	1	1	1	1	1	1
1406	Redacted	1	62	1	1	1	1	1	1	1	1
1407	Redacted	1	63	1	1	1	1	1	1	1	1
1408	Redacted	1	64	1	1	1	1	1	1	1	1
1409	Redacted	0	0	1	1	1	1	1	1	1	1
1410	Redacted	0	0	1	1	1	1	1	1	1	1
1411	Redacted	0	0	1	1	1	1	1	1	1	1
1412	Redacted	1	65	1	1	1	1	1	1	1	1
1413	Redacted	1	66	1	1	1	1	1	1	1	1
1414	Redacted	1	67	1	1	1	1	1	1	1	1
1415	Redacted	1	68	1	1	1	1	1	1	1	1
1416	Redacted	1	69	1	1	1	1	1	1	1	1
1417	Redacted	1	70	1	1	1	1	1	1	1	1
1418	Redacted	1	71	1	1	1	1	1	1	1	1
1419	transfer_sale_1858 AVCE_RA_4_SS_LCE_AVCE, LCE, ARKANS_1_ARKSLR, specified import	1	72	1	1	1	1	1	1	1	1
1420	transfer_sale_1859 RMEA_RA_4_SS_LCE_RMEA, LCE, ALHMBR_1_ALHSLR, specified import	1	73	1	1	1	1	1	1	1	1
1421	transfer_sale_1867 PRIME_RA_3_SS_LCE_PRIME, LCE, WSTWND_2_M89WD1, wind	1	74	1	1	1	1	1	1	1	1
1422	transfer_sale_1868 SJP_RA_3_SS_LCE_LCE, SJP, WSTWND_2_M89WD1, wind	1	75	1	1	1	1	1	1	1	1
1423	transfer_purchase_1874 SANJOSE_RA_1_SS_LCE_SJCE, LCE, ESCNDO_6_UNITB1, thermal	1	76	1	1	1	1	1	1	1	1
1424	transfer_purchase_1874 SANJOSE_RA_1_SS_LCE_SJCE, LCE, HINSON_6_LBECH1, thermal	1	77	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1425	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online
1426	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online
1427	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online
1428	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online
1429	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online
1430	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online
1431	LCE	MORWD_6_QF	1920 EDFTNA_RA_1_SS_LCE	2020	10	0	Redacted		online
1432	LCE	WSTWND_2_M89WD1	1923 EXELON_RA_1_SS_LCE	2020	9	0	Redacted		online
1433	LCE	transfer_sale	1924 SCP_RA_1_SS_LCE	2020	8	0	Redacted		online
1434	LCE	transfer_sale	1924 SCP_RA_1_SS_LCE	2020	8	0	Redacted		online
1435	LCE	transfer_sale	1924 SCP_RA_1_SS_LCE	2020	8	0	Redacted		online
1436	LCE	transfer_sale	1924 SCP_RA_1_SS_LCE	2020	8	0	Redacted		online
1437	LCE	LEBECS_2_UNITS	1931 EDFTNA_RA_2_SS_LCE	2020	6	0	Redacted		online
1438	LCE	LEBECS_2_UNITS	1931 EDFTNA_RA_2_SS_LCE	2020	6	0	Redacted		online
1439	LCE	LEBECS_2_UNITS	1931 EDFTNA_RA_2_SS_LCE	2020	6	0	Redacted		online
1440	LCE	MORWD_6_QF	1932 EDFTNA_RA_2a_SS_LCE	2020	6	0	Redacted		online
1441	LCE	MORWD_6_QF	1932 EDFTNA_RA_2a_SS_LCE	2020	6	0	Redacted		online
1442	LCE	MORWD_6_QF	1932 EDFTNA_RA_2a_SS_LCE	2020	6	0	Redacted		online
1443	LCE	WSTWND_2_M89WD1	1933 EDFTNA_RA_2b_SS_LCE	2020	6	0	Redacted		online
1444	LCE	WSTWND_2_M89WD1	1933 EDFTNA_RA_2b_SS_LCE	2020	6	0	Redacted		online
1445	LCE	WSTWND_2_M89WD1	1933 EDFTNA_RA_2b_SS_LCE	2020	6	0	Redacted		online
1446	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	1	0	Redacted		online
1447	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	2	0	Redacted		online
1448	LCE	WSTWND_2_M89WD1	1950 BANNING_RA_1_SS_LCE	2021	2	0	Redacted		online
1449	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	3	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1425		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0
1426		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0
1427		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0
1428		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0
1429		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0
1430		Redacted	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0
1431		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_10	0.08
1432		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_9	0.15
1433		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_8	0
1434		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_8	0
1435		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_8	0
1436		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_8	0
1437		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_6	1
1438		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_6	1
1439		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_6	1
1440		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	0.33
1441		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	0.33
1442		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	0.33
1443		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	0.33
1444		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	0.33
1445		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	0.33
1446		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_1	0.14
1447		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_2	0.12
1448		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_2	0.12
1449		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_3	0.28

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1425	1	#N/A	Redacted	ok	special	0	0
1426	1	#N/A	Redacted	ok	special	0	0
1427	1	#N/A	Redacted	ok	special	0	0
1428	1	#N/A	Redacted	ok	special	0	0
1429	1	#N/A	Redacted	ok	special	0	0
1430	1	#N/A	Redacted	ok	special	0	0
1431	1	#N/A	Redacted	ok	physical	0	0
1432	1	#N/A	Redacted	ok	physical	0	0
1433	1	#N/A	Redacted	ok	special	0	0
1434	1	#N/A	Redacted	ok	special	0	0
1435	1	#N/A	Redacted	ok	special	0	0
1436	1	#N/A	Redacted	ok	special	0	0
1437	1	#N/A	Redacted	ok	physical	0	0
1438	1	#N/A	Redacted	ok	physical	0	0
1439	1	#N/A	Redacted	ok	physical	0	0
1440	1	#N/A	Redacted	ok	physical	0	0
1441	1	#N/A	Redacted	ok	physical	0	0
1442	1	#N/A	Redacted	ok	physical	0	0
1443	1	#N/A	Redacted	ok	physical	0	0
1444	1	#N/A	Redacted	ok	physical	0	0
1445	1	#N/A	Redacted	ok	physical	0	0
1446	1	#N/A	Redacted	ok	physical	0	0
1447	1	#N/A	Redacted	ok	physical	0	0
1448	1	#N/A	Redacted	ok	physical	0	0
1449	1	#N/A	Redacted	ok	physical	0	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1425	transfer_purchase_1874 SANJOSE_RA_1_SS_LCE_SJCE, LCE, MORWD_6_QF, wind	1	78	1	1	1	1	1	1	1	1
1426	transfer_purchase_1874 SANJOSE_RA_1_SS_LCE_SJCE, LCE, LEBECS_2_UNITS, thermal	1	79	1	1	1	1	1	1	1	1
1427	transfer_purchase_1874 SANJOSE_RA_1_SS_LCE_SJCE, LCE, ENWIND_2_WIND2, wind	1	80	1	1	1	1	1	1	1	1
1428	transfer_purchase_1874 SANJOSE_RA_1_SS_LCE_SJCE, LCE, SANWD_1_QF, wind	1	81	1	1	1	1	1	1	1	1
1429	transfer_purchase_1874 SANJOSE_RA_1_SS_LCE_SJCE, LCE, WSTWND_2_M89WD1, wind	1	82	1	1	1	1	1	1	1	1
1430	transfer_purchase_1874 SANJOSE_RA_1_SS_LCE_SJCE, LCE, VSTAES_6_VESBT1, battery	1	83	1	1	1	1	1	1	1	1
1431	MORWD_6_QF_1920 EDFTNA_RA_1_SS_LCE_EIPS, LCE, MORWD_6_QF, wind	1	84	1	1	1	1	1	1	1	1
1432	WSTWND_2_M89WD1_1923 EXELON_RA_1_SS_LCE_none	1	85	1	1	1	1	1	1	1	1
1433	transfer_sale_1924 SCP_RA_1_SS_LCE_SCP, LCE, ESCNDO_6_UNITB1, thermal	1	86	1	1	1	1	1	1	1	1
1434	transfer_sale_1924 SCP_RA_1_SS_LCE_SCP, LCE, HINSON_6_LBECH1, thermal	1	87	1	1	1	1	1	1	1	1
1435	transfer_sale_1924 SCP_RA_1_SS_LCE_SCP, LCE, WSTWND_2_M89WD1, wind	1	88	1	1	1	1	1	1	1	1
1436	transfer_sale_1924 SCP_RA_1_SS_LCE_SCP, LCE, VSTAES_6_VESBT1, battery	1	89	1	1	1	1	1	1	1	1
1437	LEBECS_2_UNITS_1931 EDFTNA_RA_2_SS_LCE_none	1	90	1	1	1	1	1	1	1	1
1438	LEBECS_2_UNITS_1931 EDFTNA_RA_2_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1439	LEBECS_2_UNITS_1931 EDFTNA_RA_2_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1440	MORWD_6_QF_1932 EDFTNA_RA_2a_SS_LCE_none	1	91	1	1	1	1	1	1	1	1
1441	MORWD_6_QF_1932 EDFTNA_RA_2a_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1442	MORWD_6_QF_1932 EDFTNA_RA_2a_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1443	WSTWND_2_M89WD1_1933 EDFTNA_RA_2b_SS_LCE_none	1	92	1	1	1	1	1	1	1	1
1444	WSTWND_2_M89WD1_1933 EDFTNA_RA_2b_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1445	WSTWND_2_M89WD1_1933 EDFTNA_RA_2b_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1446	MORWD_6_QF_1950 BANNING_RA_1_SS_LCE_none	1	93	1	1	1	1	1	1	1	1
1447	MORWD_6_QF_1950 BANNING_RA_1_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1448	WSTWND_2_M89WD1_1950 BANNING_RA_1_SS_LCE_none	1	94	1	1	1	1	1	1	1	1
1449	MORWD_6_QF_1950 BANNING_RA_1_SS_LCE_none	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1450	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	4	0	Redacted		online
1451	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	5	0	Redacted		online
1452	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	6	0	Redacted		online
1453	LCE	WSTWND_2_M89WD1	1950 BANNING_RA_1_SS_LCE	2021	6	0	Redacted		online
1454	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	11	0	Redacted		online
1455	LCE	WSTWND_2_M89WD1	1950 BANNING_RA_1_SS_LCE	2021	11	0	Redacted		online
1456	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	12	0	Redacted		online
1457	LCE	WSTWND_2_M89WD1	1950 BANNING_RA_1_SS_LCE	2021	12	0	Redacted		online
1458	LCE	LEBECS_2_UNITS	1964 TEA_RA_1_SS_LCE	2020	9	0	Redacted		online
1459	LCE	transfer_sale	1972 DIRECT_RA_1_SS_LCE	2020	9	0	Redacted		online
1460	LCE	transfer_sale	1977 AVCE_RA_1_SS_LCE	2020	9	0	Redacted		online
1461	LCE	VSTAES_6_VESBT1	1984 AZUSA_RA_3_SS_LCE	2021	4	0	Redacted		online
1462	LCE	existing_generic_battery_storage	1984 AZUSA_RA_3_SS_LCE	2021	4	0	Redacted		online
1463	LCE	HIDSRT_2_UNITS	1984 AZUSA_RA_3_SS_LCE	2021	6	0	Redacted		online
1464	LCE	VSTAES_6_VESBT1	1984 AZUSA_RA_3_SS_LCE	2021	6	0	Redacted		online
1465	LCE	existing_generic_battery_storage	1984 AZUSA_RA_3_SS_LCE	2021	6	0	Redacted		online
1466	LCE	HIDSRT_2_UNITS	1984 AZUSA_RA_3_SS_LCE	2021	10	0	Redacted		online
1467	LCE	VSTAES_6_VESBT1	1984 AZUSA_RA_3_SS_LCE	2021	10	0	Redacted		online
1468	LCE	existing_generic_battery_storage	1984 AZUSA_RA_3_SS_LCE	2021	10	0	Redacted		online
1469	LCE	LEBECS_2_UNITS	1986 CONOCO_RA_1_SS_LCE	2020	10	0	Redacted		online
1470	LCE	existing_generic_battery_storage	1986 CONOCO_RA_1_SS_LCE	2020	10	0	Redacted		online
1471	LCE	ESCNDO_6_UNITB1	2013 CALPINE_RA_14_SS_LCE	2020	10	0	Redacted		online
1472	LCE	VSTAES_6_VESBT1	2014 CALPINE_RA_15_SS_LCE	2020	10	0	Redacted		online
1473	LCE	existing_generic_battery_storage	2015 CALPINE_RA_16_SS_LCE	2020	10	0	Redacted		online
1474	LCE	WSTWND_2_M89WD1	2016 CALPINE_RA_17_SS_LCE	2020	10	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1450		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_4	0.25
1451		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_5	0.25
1452		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_6	0.33
1453		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_6	0.33
1454		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_11	0.12
1455		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_11	0.12
1456		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_12	0.13
1457		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_12	0.13
1458		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_9	1
1459		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_9	0
1460		Redacted	Redacted	transfer_sale	1	unknown	unknown_2020_9	0
1461		Redacted	Redacted	CAISO_Li_Battery	1	battery	battery_2021_4	1
1462		Redacted	Redacted	CAISO_Battery	1	battery	battery_2021_4	1
1463		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_6	1
1464		Redacted	Redacted	CAISO_Li_Battery	1	battery	battery_2021_6	1
1465		Redacted	Redacted	CAISO_Battery	1	battery	battery_2021_6	1
1466		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_10	1
1467		Redacted	Redacted	CAISO_Li_Battery	1	battery	battery_2021_10	1
1468		Redacted	Redacted	CAISO_Battery	1	battery	battery_2021_10	1
1469		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_10	1
1470		Redacted	Redacted	CAISO_Battery	1	battery	battery_2020_10	1
1471		Redacted	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_10	1
1472		Redacted	Redacted	CAISO_Li_Battery	1	battery	battery_2020_10	1
1473		Redacted	Redacted	CAISO_Battery	1	battery	battery_2020_10	1
1474		Redacted	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_10	0.08

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1450	1	#N/A	Redacted	ok	physical	0	0
1451	1	#N/A	Redacted	ok	physical	0	0
1452	1	#N/A	Redacted	ok	physical	0	0
1453	1	#N/A	Redacted	ok	physical	0	0
1454	1	#N/A	Redacted	ok	physical	0	0
1455	1	#N/A	Redacted	ok	physical	0	0
1456	1	#N/A	Redacted	ok	physical	0	0
1457	1	#N/A	Redacted	ok	physical	0	0
1458	1	#N/A	Redacted	ok	physical	0	0
1459	1	#N/A	Redacted	ok	special	0	0
1460	1	#N/A	Redacted	ok	special	0	0
1461	0	#N/A	Redacted	ok	physical	0	0
1462	0	#N/A	Redacted	ok	existing_generic	0	0
1463	1	#N/A	Redacted	ok	physical	0	0
1464	0	#N/A	Redacted	ok	physical	0	0
1465	0	#N/A	Redacted	ok	existing_generic	0	0
1466	1	#N/A	Redacted	ok	physical	0	0
1467	0	#N/A	Redacted	ok	physical	0	0
1468	0	#N/A	Redacted	ok	existing_generic	0	0
1469	1	#N/A	Redacted	ok	physical	0	0
1470	0	#N/A	Redacted	ok	existing_generic	0	0
1471	1	#N/A	Redacted	ok	physical	0	0
1472	0	#N/A	Redacted	ok	physical	0	0
1473	0	#N/A	Redacted	ok	existing_generic	0	0
1474	1	#N/A	Redacted	ok	physical	0	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1450	MORWD_6_QF_1950 BANNING_RA_1_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1451	MORWD_6_QF_1950 BANNING_RA_1_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1452	MORWD_6_QF_1950 BANNING_RA_1_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1453	WSTWND_2_M89WD1_1950 BANNING_RA_1_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1454	MORWD_6_QF_1950 BANNING_RA_1_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1455	WSTWND_2_M89WD1_1950 BANNING_RA_1_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1456	MORWD_6_QF_1950 BANNING_RA_1_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1457	WSTWND_2_M89WD1_1950 BANNING_RA_1_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1458	LEBECS_2_UNITS_1964 TEA_RA_1_SS_LCE_none	1	95	1	1	1	1	1	1	1	1
1459	transfer_sale_1972 DIRECT_RA_1_SS_LCE_DEB, LCE, GATEWY_2_GESBT1, battery	1	96	1	1	1	1	1	1	1	1
1460	transfer_sale_1977 AVCE_RA_1_SS_LCE_AVCE, LCE, GATEWY_2_GESBT1, battery	1	97	1	1	1	1	1	1	1	1
1461	VSTAES_6_VESBT1_1984 AZUSA_RA_3_SS_LCE_none	1	98	1	1	1	1	1	1	1	1
1462	existing_generic_battery_storage_1984 AZUSA_RA_3_SS_LCE_GATEWY_2_GESBT1, battery	1	99	1	1	1	1	1	1	1	1
1463	HIDSRT_2_UNITS_1984 AZUSA_RA_3_SS_LCE_none	1	100	1	1	1	1	1	1	1	1
1464	VSTAES_6_VESBT1_1984 AZUSA_RA_3_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1465	existing_generic_battery_storage_1984 AZUSA_RA_3_SS_LCE_GATEWY_2_GESBT1, battery	0	0	1	1	1	1	1	1	1	1
1466	HIDSRT_2_UNITS_1984 AZUSA_RA_3_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1467	VSTAES_6_VESBT1_1984 AZUSA_RA_3_SS_LCE_none	0	0	1	1	1	1	1	1	1	1
1468	existing_generic_battery_storage_1984 AZUSA_RA_3_SS_LCE_GATEWY_2_GESBT1, battery	0	0	1	1	1	1	1	1	1	1
1469	LEBECS_2_UNITS_1986 CONOCO_RA_1_SS_LCE_none	1	101	1	1	1	1	1	1	1	1
1470	existing_generic_battery_storage_1986 CONOCO_RA_1_SS_LCE_GATEWY_2_GESBT1, battery	1	102	1	1	1	1	1	1	1	1
1471	ESCNDO_6_UNITB1_2013 CALPINE_RA_14_SS_LCE_none	1	103	1	1	1	1	1	1	1	1
1472	VSTAES_6_VESBT1_2014 CALPINE_RA_15_SS_LCE_none	1	104	1	1	1	1	1	1	1	1
1473	existing_generic_battery_storage_2015 CALPINE_RA_16_SS_LCE_GATEWY_2_GESBT1, battery	1	105	1	1	1	1	1	1	1	1
1474	WSTWND_2_M89WD1_2016 CALPINE_RA_17_SS_LCE_none	1	106	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1475	LCE	unspecified_import	2017 VALLEY_RA_1_SS_LCE	2020	10	0	Redacted		online
1476	LCE	unspecified_import	2018 TEA_RA_2_SS_LCE	2020	10	0	Redacted		online
1477	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	1	0	Redacted		online
1478	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	2	0	Redacted		online
1479	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	3	0	Redacted		online
1480	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	4	0	Redacted		online
1481	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	5	0	Redacted		online
1482	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	6	0	Redacted		online
1483	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	7	0	Redacted		online
1484	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	8	0	Redacted		online
1485	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	9	0	Redacted		online
1486	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	10	0	Redacted		online
1487	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	11	0	Redacted		online
1488	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	12	0	Redacted		online
1489	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	1	0	Redacted		online
1490	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	2	0	Redacted		online
1491	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	3	0	Redacted		online
1492	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	4	0	Redacted		online
1493	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	5	0	Redacted		online
1494	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	6	0	Redacted		online
1495	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	7	0	Redacted		online
1496	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	8	0	Redacted		online
1497	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	9	0	Redacted		online
1498	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	10	0	Redacted		online
1499	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	11	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1475		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_10	0
1476		Redacted	Redacted	unspecified_import	1	unknown	unknown_2020_10	0
1477		Redacted	Redacted	transfer_sale	1	unknown	unknown_2021_1	0
1478		Redacted	Redacted	transfer_sale	1	unknown	unknown_2021_2	0
1479		Redacted	Redacted	transfer_sale	1	unknown	unknown_2021_3	0
1480		Redacted	Redacted	transfer_sale	1	unknown	unknown_2021_4	0
1481		Redacted	Redacted	transfer_sale	1	unknown	unknown_2021_5	0
1482		Redacted	Redacted	transfer_sale	1	unknown	unknown_2021_6	0
1483		Redacted	Redacted	transfer_sale	1	unknown	unknown_2021_7	0
1484		Redacted	Redacted	transfer_sale	1	unknown	unknown_2021_8	0
1485		Redacted	Redacted	transfer_sale	1	unknown	unknown_2021_9	0
1486		Redacted	Redacted	transfer_sale	1	unknown	unknown_2021_10	0
1487		Redacted	Redacted	transfer_sale	1	unknown	unknown_2021_11	0
1488		Redacted	Redacted	transfer_sale	1	unknown	unknown_2021_12	0
1489		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_1	1
1490		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_2	1
1491		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_3	1
1492		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_4	1
1493		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_5	1
1494		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_6	1
1495		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_7	1
1496		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_8	1
1497		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_9	1
1498		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_10	1
1499		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_11	1

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1475	1	#N/A	Redacted	ok	special	0	0
1476	1	#N/A	Redacted	ok	special	0	0
1477	1	#N/A	Redacted	ok	special	0	0
1478	1	#N/A	Redacted	ok	special	0	0
1479	1	#N/A	Redacted	ok	special	0	0
1480	1	#N/A	Redacted	ok	special	0	0
1481	1	#N/A	Redacted	ok	special	0	0
1482	1	#N/A	Redacted	ok	special	0	0
1483	1	#N/A	Redacted	ok	special	0	0
1484	1	#N/A	Redacted	ok	special	0	0
1485	1	#N/A	Redacted	ok	special	0	0
1486	1	#N/A	Redacted	ok	special	0	0
1487	1	#N/A	Redacted	ok	special	0	0
1488	1	#N/A	Redacted	ok	special	0	0
1489	1	#N/A	Redacted	ok	physical	0	0
1490	1	#N/A	Redacted	ok	physical	0	0
1491	1	#N/A	Redacted	ok	physical	0	0
1492	1	#N/A	Redacted	ok	physical	0	0
1493	1	#N/A	Redacted	ok	physical	0	0
1494	1	#N/A	Redacted	ok	physical	0	0
1495	1	#N/A	Redacted	ok	physical	0	0
1496	1	#N/A	Redacted	ok	physical	0	0
1497	1	#N/A	Redacted	ok	physical	0	0
1498	1	#N/A	Redacted	ok	physical	0	0
1499	1	#N/A	Redacted	ok	physical	0	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1475	unspecified_import_2017 VALLEY_RA_1_SS_LCE_PWRX_NOB_I_F_DARA01	1	107	1	1	1	1	1	1	1	1
1476	unspecified_import_2018 TEA_RA_2_SS_LCE_PWRX_NOB_I_F_DARA01	1	108	1	1	1	1	1	1	1	1
1477	transfer_sale_2028 MCE_RA_5_BAF_LCE_LCE, MCE, DELTA_2_PL1X4, thermal	1	109	1	1	1	1	1	1	1	1
1478	transfer_sale_2028 MCE_RA_5_BAF_LCE_LCE, MCE, DELTA_2_PL1X4, thermal	0	0	1	1	1	1	1	1	1	1
1479	transfer_sale_2028 MCE_RA_5_BAF_LCE_LCE, MCE, DELTA_2_PL1X4, thermal	0	0	1	1	1	1	1	1	1	1
1480	transfer_sale_2028 MCE_RA_5_BAF_LCE_LCE, MCE, DELTA_2_PL1X4, thermal	0	0	1	1	1	1	1	1	1	1
1481	transfer_sale_2028 MCE_RA_5_BAF_LCE_LCE, MCE, DELTA_2_PL1X4, thermal	0	0	1	1	1	1	1	1	1	1
1482	transfer_sale_2028 MCE_RA_5_BAF_LCE_LCE, MCE, DELTA_2_PL1X4, thermal	0	0	1	1	1	1	1	1	1	1
1483	transfer_sale_2028 MCE_RA_5_BAF_LCE_LCE, MCE, DELTA_2_PL1X4, thermal	0	0	1	1	1	1	1	1	1	1
1484	transfer_sale_2028 MCE_RA_5_BAF_LCE_LCE, MCE, DELTA_2_PL1X4, thermal	0	0	1	1	1	1	1	1	1	1
1485	transfer_sale_2028 MCE_RA_5_BAF_LCE_LCE, MCE, DELTA_2_PL1X4, thermal	0	0	1	1	1	1	1	1	1	1
1486	transfer_sale_2028 MCE_RA_5_BAF_LCE_LCE, MCE, DELTA_2_PL1X4, thermal	0	0	1	1	1	1	1	1	1	1
1487	transfer_sale_2028 MCE_RA_5_BAF_LCE_LCE, MCE, DELTA_2_PL1X4, thermal	0	0	1	1	1	1	1	1	1	1
1488	transfer_sale_2028 MCE_RA_5_BAF_LCE_LCE, MCE, DELTA_2_PL1X4, thermal	0	0	1	1	1	1	1	1	1	1
1489	DELTA_2_PL1X4_2038 CALPINE_RA_18_NSF_LCE_none	1	110	1	1	1	1	1	1	1	1
1490	DELTA_2_PL1X4_2038 CALPINE_RA_18_NSF_LCE_none	0	0	1	1	1	1	1	1	1	1
1491	DELTA_2_PL1X4_2038 CALPINE_RA_18_NSF_LCE_none	0	0	1	1	1	1	1	1	1	1
1492	DELTA_2_PL1X4_2038 CALPINE_RA_18_NSF_LCE_none	0	0	1	1	1	1	1	1	1	1
1493	DELTA_2_PL1X4_2038 CALPINE_RA_18_NSF_LCE_none	0	0	1	1	1	1	1	1	1	1
1494	DELTA_2_PL1X4_2038 CALPINE_RA_18_NSF_LCE_none	0	0	1	1	1	1	1	1	1	1
1495	DELTA_2_PL1X4_2038 CALPINE_RA_18_NSF_LCE_none	0	0	1	1	1	1	1	1	1	1
1496	DELTA_2_PL1X4_2038 CALPINE_RA_18_NSF_LCE_none	0	0	1	1	1	1	1	1	1	1
1497	DELTA_2_PL1X4_2038 CALPINE_RA_18_NSF_LCE_none	0	0	1	1	1	1	1	1	1	1
1498	DELTA_2_PL1X4_2038 CALPINE_RA_18_NSF_LCE_none	0	0	1	1	1	1	1	1	1	1
1499	DELTA_2_PL1X4_2038 CALPINE_RA_18_NSF_LCE_none	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1500	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	12	0	Redacted		online
1501	LCE	Redacted	Redacted	2021	1	0	Redacted		online
1502	LCE	Redacted	Redacted	2021	2	0	Redacted		online
1503	LCE	Redacted	Redacted	2021	3	0	Redacted		online
1504	LCE	Redacted	Redacted	2021	4	0	Redacted		online
1505	LCE	Redacted	Redacted	2021	5	0	Redacted		online
1506	LCE	Redacted	Redacted	2021	6	0	Redacted		online
1507	LCE	Redacted	Redacted	2021	7	0	Redacted		online
1508	LCE	Redacted	Redacted	2021	8	0	Redacted		online
1509	LCE	Redacted	Redacted	2021	9	0	Redacted		online
1510	LCE	Redacted	Redacted	2021	10	0	Redacted		online
1511	LCE	Redacted	Redacted	2021	11	0	Redacted		online
1512	LCE	Redacted	Redacted	2021	12	0	Redacted		online
1513	LCE	Redacted	Redacted	2021	1	0	Redacted		online
1514	LCE	Redacted	Redacted	2021	2	0	Redacted		online
1515	LCE	Redacted	Redacted	2021	3	0	Redacted		online
1516	LCE	Redacted	Redacted	2021	4	0	Redacted		online
1517	LCE	Redacted	Redacted	2021	5	0	Redacted		online
1518	LCE	Redacted	Redacted	2021	6	0	Redacted		online
1519	LCE	Redacted	Redacted	2021	7	0	Redacted		online
1520	LCE	Redacted	Redacted	2021	8	0	Redacted		online
1521	LCE	Redacted	Redacted	2021	9	0	Redacted		online
1522	LCE	Redacted	Redacted	2021	10	0	Redacted		online
1523	LCE	Redacted	Redacted	2021	11	0	Redacted		online
1524	LCE	Redacted	Redacted	2021	12	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1500		Redacted	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_12	1
1501		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1502		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1503		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1504		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1505		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1506		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1507		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1508		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1509		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1510		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1511		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1512		Redacted	Redacted	Redacted	1	Redacted	Redacted	1
1513		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1514		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1515		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1516		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1517		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1518		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1519		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1520		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1521		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1522		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1523		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1524		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1500	1	#N/A	Redacted	ok	physical	0	0
1501	1	#N/A	Redacted	ok	physical	0	1
1502	1	#N/A	Redacted	ok	physical	0	1
1503	1	#N/A	Redacted	ok	physical	0	1
1504	1	#N/A	Redacted	ok	physical	0	1
1505	1	#N/A	Redacted	ok	physical	0	1
1506	1	#N/A	Redacted	ok	physical	0	1
1507	1	#N/A	Redacted	ok	physical	0	1
1508	1	#N/A	Redacted	ok	physical	0	1
1509	1	#N/A	Redacted	ok	physical	0	1
1510	1	#N/A	Redacted	ok	physical	0	1
1511	1	#N/A	Redacted	ok	physical	0	1
1512	1	#N/A	Redacted	ok	physical	0	1
1513	1	#N/A	Redacted	ok	special	0	1
1514	1	#N/A	Redacted	ok	special	0	1
1515	1	#N/A	Redacted	ok	special	0	1
1516	1	#N/A	Redacted	ok	special	0	1
1517	1	#N/A	Redacted	ok	special	0	1
1518	1	#N/A	Redacted	ok	special	0	1
1519	1	#N/A	Redacted	ok	special	0	1
1520	1	#N/A	Redacted	ok	special	0	1
1521	1	#N/A	Redacted	ok	special	0	1
1522	1	#N/A	Redacted	ok	special	0	1
1523	1	#N/A	Redacted	ok	special	0	1
1524	1	#N/A	Redacted	ok	special	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1500	DELTA_2_PL1X4_2038 CALPINE_RA_18_NSF_LCE_none	0	0	1	1	1	1	1	1	1	1
1501	Redacted	1	111	1	1	1	1	1	1	1	1
1502	Redacted	0	0	1	1	1	1	1	1	1	1
1503	Redacted	0	0	1	1	1	1	1	1	1	1
1504	Redacted	0	0	1	1	1	1	1	1	1	1
1505	Redacted	0	0	1	1	1	1	1	1	1	1
1506	Redacted	0	0	1	1	1	1	1	1	1	1
1507	Redacted	0	0	1	1	1	1	1	1	1	1
1508	Redacted	0	0	1	1	1	1	1	1	1	1
1509	Redacted	0	0	1	1	1	1	1	1	1	1
1510	Redacted	0	0	1	1	1	1	1	1	1	1
1511	Redacted	0	0	1	1	1	1	1	1	1	1
1512	Redacted	0	0	1	1	1	1	1	1	1	1
1513	Redacted	1	112	1	1	1	1	1	1	1	1
1514	Redacted	0	0	1	1	1	1	1	1	1	1
1515	Redacted	0	0	1	1	1	1	1	1	1	1
1516	Redacted	0	0	1	1	1	1	1	1	1	1
1517	Redacted	0	0	1	1	1	1	1	1	1	1
1518	Redacted	0	0	1	1	1	1	1	1	1	1
1519	Redacted	0	0	1	1	1	1	1	1	1	1
1520	Redacted	0	0	1	1	1	1	1	1	1	1
1521	Redacted	0	0	1	1	1	1	1	1	1	1
1522	Redacted	0	0	1	1	1	1	1	1	1	1
1523	Redacted	0	0	1	1	1	1	1	1	1	1
1524	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1525	LCE	Redacted	Redacted	2020	1	0	Redacted		online
1526	LCE	Redacted	Redacted	2020	2	0	Redacted		online
1527	LCE	Redacted	Redacted	2020	3	0	Redacted		online
1528	LCE	Redacted	Redacted	2020	4	0	Redacted		online
1529	LCE	Redacted	Redacted	2020	5	0	Redacted		online
1530	LCE	Redacted	Redacted	2020	6	0	Redacted		online
1531	LCE	Redacted	Redacted	2020	7	0	Redacted		online
1532	LCE	Redacted	Redacted	2020	8	0	Redacted		online
1533	LCE	Redacted	Redacted	2020	9	0	Redacted		online
1534	LCE	Redacted	Redacted	2020	10	0	Redacted		online
1535	LCE	Redacted	Redacted	2020	11	0	Redacted		online
1536	LCE	Redacted	Redacted	2020	12	0	Redacted		online
1537	LCE	Redacted	Redacted	2021	1	0	Redacted		online
1538	LCE	Redacted	Redacted	2021	2	0	Redacted		online
1539	LCE	Redacted	Redacted	2021	3	0	Redacted		online
1540	LCE	Redacted	Redacted	2021	4	0	Redacted		online
1541	LCE	Redacted	Redacted	2021	5	0	Redacted		online
1542	LCE	Redacted	Redacted	2021	6	0	Redacted		online
1543	LCE	Redacted	Redacted	2021	7	0	Redacted		online
1544	LCE	Redacted	Redacted	2021	8	0	Redacted		online
1545	LCE	Redacted	Redacted	2021	9	0	Redacted		online
1546	LCE	Redacted	Redacted	2021	10	0	Redacted		online
1547	LCE	Redacted	Redacted	2021	11	0	Redacted		online
1548	LCE	Redacted	Redacted	2021	12	0	Redacted		online
1549	LCE	Redacted	Redacted	2022	1	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1525		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1526		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1527		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1528		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1529		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1530		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1531		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1532		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1533		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1534		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1535		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1536		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1537		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1538		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1539		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1540		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1541		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1542		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1543		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1544		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1545		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1546		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1547		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1548		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1549		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1525	1	#N/A	Redacted	ok	special	0	1
1526	1	#N/A	Redacted	ok	special	0	1
1527	1	#N/A	Redacted	ok	special	0	1
1528	1	#N/A	Redacted	ok	special	0	1
1529	1	#N/A	Redacted	ok	special	0	1
1530	1	#N/A	Redacted	ok	special	0	1
1531	1	#N/A	Redacted	ok	special	0	1
1532	1	#N/A	Redacted	ok	special	0	1
1533	1	#N/A	Redacted	ok	special	0	1
1534	1	#N/A	Redacted	ok	special	0	1
1535	1	#N/A	Redacted	ok	special	0	1
1536	1	#N/A	Redacted	ok	special	0	1
1537	1	#N/A	Redacted	ok	special	0	1
1538	1	#N/A	Redacted	ok	special	0	1
1539	1	#N/A	Redacted	ok	special	0	1
1540	1	#N/A	Redacted	ok	special	0	1
1541	1	#N/A	Redacted	ok	special	0	1
1542	1	#N/A	Redacted	ok	special	0	1
1543	1	#N/A	Redacted	ok	special	0	1
1544	1	#N/A	Redacted	ok	special	0	1
1545	1	#N/A	Redacted	ok	special	0	1
1546	1	#N/A	Redacted	ok	special	0	1
1547	1	#N/A	Redacted	ok	special	0	1
1548	1	#N/A	Redacted	ok	special	0	1
1549	1	#N/A	Redacted	ok	special	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1525	Redacted	1	113	1	1	1	1	1	1	1	1
1526	Redacted	0	0	1	1	1	1	1	1	1	1
1527	Redacted	0	0	1	1	1	1	1	1	1	1
1528	Redacted	0	0	1	1	1	1	1	1	1	1
1529	Redacted	0	0	1	1	1	1	1	1	1	1
1530	Redacted	0	0	1	1	1	1	1	1	1	1
1531	Redacted	0	0	1	1	1	1	1	1	1	1
1532	Redacted	0	0	1	1	1	1	1	1	1	1
1533	Redacted	0	0	1	1	1	1	1	1	1	1
1534	Redacted	0	0	1	1	1	1	1	1	1	1
1535	Redacted	0	0	1	1	1	1	1	1	1	1
1536	Redacted	0	0	1	1	1	1	1	1	1	1
1537	Redacted	0	0	1	1	1	1	1	1	1	1
1538	Redacted	0	0	1	1	1	1	1	1	1	1
1539	Redacted	0	0	1	1	1	1	1	1	1	1
1540	Redacted	0	0	1	1	1	1	1	1	1	1
1541	Redacted	0	0	1	1	1	1	1	1	1	1
1542	Redacted	0	0	1	1	1	1	1	1	1	1
1543	Redacted	0	0	1	1	1	1	1	1	1	1
1544	Redacted	0	0	1	1	1	1	1	1	1	1
1545	Redacted	0	0	1	1	1	1	1	1	1	1
1546	Redacted	0	0	1	1	1	1	1	1	1	1
1547	Redacted	0	0	1	1	1	1	1	1	1	1
1548	Redacted	0	0	1	1	1	1	1	1	1	1
1549	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1550	LCE	Redacted	Redacted	2022	2	0	Redacted		online
1551	LCE	Redacted	Redacted	2022	3	0	Redacted		online
1552	LCE	Redacted	Redacted	2022	4	0	Redacted		online
1553	LCE	Redacted	Redacted	2022	5	0	Redacted		online
1554	LCE	Redacted	Redacted	2022	6	0	Redacted		online
1555	LCE	Redacted	Redacted	2022	7	0	Redacted		online
1556	LCE	Redacted	Redacted	2022	8	0	Redacted		online
1557	LCE	Redacted	Redacted	2022	9	0	Redacted		online
1558	LCE	Redacted	Redacted	2022	10	0	Redacted		online
1559	LCE	Redacted	Redacted	2022	11	0	Redacted		online
1560	LCE	Redacted	Redacted	2022	12	0	Redacted		online
1561	LCE	Redacted	Redacted	2023	1	0	Redacted		online
1562	LCE	Redacted	Redacted	2023	2	0	Redacted		online
1563	LCE	Redacted	Redacted	2023	3	0	Redacted		online
1564	LCE	Redacted	Redacted	2023	4	0	Redacted		online
1565	LCE	Redacted	Redacted	2023	5	0	Redacted		online
1566	LCE	Redacted	Redacted	2023	6	0	Redacted		online
1567	LCE	Redacted	Redacted	2023	7	0	Redacted		online
1568	LCE	Redacted	Redacted	2023	8	0	Redacted		online
1569	LCE	Redacted	Redacted	2023	9	0	Redacted		online
1570	LCE	Redacted	Redacted	2023	10	0	Redacted		online
1571	LCE	Redacted	Redacted	2023	11	0	Redacted		online
1572	LCE	Redacted	Redacted	2023	12	0	Redacted		online
1573	LCE	Redacted	Redacted	2024	1	0	Redacted		online
1574	LCE	Redacted	Redacted	2024	2	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1550		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1551		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1552		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1553		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1554		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1555		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1556		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1557		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1558		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1559		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1560		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1561		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1562		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1563		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1564		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1565		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1566		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1567		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1568		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1569		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1570		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1571		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1572		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1573		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1574		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1550	1	#N/A	Redacted	ok	special	0	1
1551	1	#N/A	Redacted	ok	special	0	1
1552	1	#N/A	Redacted	ok	special	0	1
1553	1	#N/A	Redacted	ok	special	0	1
1554	1	#N/A	Redacted	ok	special	0	1
1555	1	#N/A	Redacted	ok	special	0	1
1556	1	#N/A	Redacted	ok	special	0	1
1557	1	#N/A	Redacted	ok	special	0	1
1558	1	#N/A	Redacted	ok	special	0	1
1559	1	#N/A	Redacted	ok	special	0	1
1560	1	#N/A	Redacted	ok	special	0	1
1561	1	#N/A	Redacted	ok	special	0	1
1562	1	#N/A	Redacted	ok	special	0	1
1563	1	#N/A	Redacted	ok	special	0	1
1564	1	#N/A	Redacted	ok	special	0	1
1565	1	#N/A	Redacted	ok	special	0	1
1566	1	#N/A	Redacted	ok	special	0	1
1567	1	#N/A	Redacted	ok	special	0	1
1568	1	#N/A	Redacted	ok	special	0	1
1569	1	#N/A	Redacted	ok	special	0	1
1570	1	#N/A	Redacted	ok	special	0	1
1571	1	#N/A	Redacted	ok	special	0	1
1572	1	#N/A	Redacted	ok	special	0	1
1573	1	#N/A	Redacted	ok	special	0	1
1574	1	#N/A	Redacted	ok	special	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1550	Redacted	0	0	1	1	1	1	1	1	1	1
1551	Redacted	0	0	1	1	1	1	1	1	1	1
1552	Redacted	0	0	1	1	1	1	1	1	1	1
1553	Redacted	0	0	1	1	1	1	1	1	1	1
1554	Redacted	0	0	1	1	1	1	1	1	1	1
1555	Redacted	0	0	1	1	1	1	1	1	1	1
1556	Redacted	0	0	1	1	1	1	1	1	1	1
1557	Redacted	0	0	1	1	1	1	1	1	1	1
1558	Redacted	0	0	1	1	1	1	1	1	1	1
1559	Redacted	0	0	1	1	1	1	1	1	1	1
1560	Redacted	0	0	1	1	1	1	1	1	1	1
1561	Redacted	0	0	1	1	1	1	1	1	1	1
1562	Redacted	0	0	1	1	1	1	1	1	1	1
1563	Redacted	0	0	1	1	1	1	1	1	1	1
1564	Redacted	0	0	1	1	1	1	1	1	1	1
1565	Redacted	0	0	1	1	1	1	1	1	1	1
1566	Redacted	0	0	1	1	1	1	1	1	1	1
1567	Redacted	0	0	1	1	1	1	1	1	1	1
1568	Redacted	0	0	1	1	1	1	1	1	1	1
1569	Redacted	0	0	1	1	1	1	1	1	1	1
1570	Redacted	0	0	1	1	1	1	1	1	1	1
1571	Redacted	0	0	1	1	1	1	1	1	1	1
1572	Redacted	0	0	1	1	1	1	1	1	1	1
1573	Redacted	0	0	1	1	1	1	1	1	1	1
1574	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1575	LCE	Redacted	Redacted	2024	3	0	Redacted		online
1576	LCE	Redacted	Redacted	2024	4	0	Redacted		online
1577	LCE	Redacted	Redacted	2024	5	0	Redacted		online
1578	LCE	Redacted	Redacted	2024	6	0	Redacted		online
1579	LCE	Redacted	Redacted	2024	7	0	Redacted		online
1580	LCE	Redacted	Redacted	2024	8	0	Redacted		online
1581	LCE	Redacted	Redacted	2024	9	0	Redacted		online
1582	LCE	Redacted	Redacted	2024	10	0	Redacted		online
1583	LCE	Redacted	Redacted	2024	11	0	Redacted		online
1584	LCE	Redacted	Redacted	2024	12	0	Redacted		online
1585	LCE	Redacted	Redacted	2025	1	0	Redacted		online
1586	LCE	Redacted	Redacted	2025	2	0	Redacted		online
1587	LCE	Redacted	Redacted	2025	3	0	Redacted		online
1588	LCE	Redacted	Redacted	2025	4	0	Redacted		online
1589	LCE	Redacted	Redacted	2025	5	0	Redacted		online
1590	LCE	Redacted	Redacted	2025	6	0	Redacted		online
1591	LCE	Redacted	Redacted	2025	7	0	Redacted		online
1592	LCE	Redacted	Redacted	2025	8	0	Redacted		online
1593	LCE	Redacted	Redacted	2025	9	0	Redacted		online
1594	LCE	Redacted	Redacted	2025	10	0	Redacted		online
1595	LCE	Redacted	Redacted	2025	11	0	Redacted		online
1596	LCE	Redacted	Redacted	2025	12	0	Redacted		online
1597	LCE	Redacted	Redacted	2026	1	0	Redacted		online
1598	LCE	Redacted	Redacted	2026	2	0	Redacted		online
1599	LCE	Redacted	Redacted	2026	3	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1575		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1576		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1577		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1578		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1579		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1580		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1581		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1582		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1583		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1584		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1585		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1586		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1587		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1588		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1589		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1590		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1591		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1592		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1593		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1594		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1595		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1596		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1597		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1598		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1599		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1575	1	#N/A	Redacted	ok	special	0	1
1576	1	#N/A	Redacted	ok	special	0	1
1577	1	#N/A	Redacted	ok	special	0	1
1578	1	#N/A	Redacted	ok	special	0	1
1579	1	#N/A	Redacted	ok	special	0	1
1580	1	#N/A	Redacted	ok	special	0	1
1581	1	#N/A	Redacted	ok	special	0	1
1582	1	#N/A	Redacted	ok	special	0	1
1583	1	#N/A	Redacted	ok	special	0	1
1584	1	#N/A	Redacted	ok	special	0	1
1585	1	#N/A	Redacted	ok	special	0	1
1586	1	#N/A	Redacted	ok	special	0	1
1587	1	#N/A	Redacted	ok	special	0	1
1588	1	#N/A	Redacted	ok	special	0	1
1589	1	#N/A	Redacted	ok	special	0	1
1590	1	#N/A	Redacted	ok	special	0	1
1591	1	#N/A	Redacted	ok	special	0	1
1592	1	#N/A	Redacted	ok	special	0	1
1593	1	#N/A	Redacted	ok	special	0	1
1594	1	#N/A	Redacted	ok	special	0	1
1595	1	#N/A	Redacted	ok	special	0	1
1596	1	#N/A	Redacted	ok	special	0	1
1597	1	#N/A	Redacted	ok	special	0	1
1598	1	#N/A	Redacted	ok	special	0	1
1599	1	#N/A	Redacted	ok	special	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1575	Redacted	0	0	1	1	1	1	1	1	1	1
1576	Redacted	0	0	1	1	1	1	1	1	1	1
1577	Redacted	0	0	1	1	1	1	1	1	1	1
1578	Redacted	0	0	1	1	1	1	1	1	1	1
1579	Redacted	0	0	1	1	1	1	1	1	1	1
1580	Redacted	0	0	1	1	1	1	1	1	1	1
1581	Redacted	0	0	1	1	1	1	1	1	1	1
1582	Redacted	0	0	1	1	1	1	1	1	1	1
1583	Redacted	0	0	1	1	1	1	1	1	1	1
1584	Redacted	0	0	1	1	1	1	1	1	1	1
1585	Redacted	0	0	1	1	1	1	1	1	1	1
1586	Redacted	0	0	1	1	1	1	1	1	1	1
1587	Redacted	0	0	1	1	1	1	1	1	1	1
1588	Redacted	0	0	1	1	1	1	1	1	1	1
1589	Redacted	0	0	1	1	1	1	1	1	1	1
1590	Redacted	0	0	1	1	1	1	1	1	1	1
1591	Redacted	0	0	1	1	1	1	1	1	1	1
1592	Redacted	0	0	1	1	1	1	1	1	1	1
1593	Redacted	0	0	1	1	1	1	1	1	1	1
1594	Redacted	0	0	1	1	1	1	1	1	1	1
1595	Redacted	0	0	1	1	1	1	1	1	1	1
1596	Redacted	0	0	1	1	1	1	1	1	1	1
1597	Redacted	0	0	1	1	1	1	1	1	1	1
1598	Redacted	0	0	1	1	1	1	1	1	1	1
1599	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1600	LCE	Redacted	Redacted	2026	4	0	Redacted		online
1601	LCE	Redacted	Redacted	2026	5	0	Redacted		online
1602	LCE	Redacted	Redacted	2026	6	0	Redacted		online
1603	LCE	Redacted	Redacted	2026	7	0	Redacted		online
1604	LCE	Redacted	Redacted	2026	8	0	Redacted		online
1605	LCE	Redacted	Redacted	2026	9	0	Redacted		online
1606	LCE	Redacted	Redacted	2026	10	0	Redacted		online
1607	LCE	Redacted	Redacted	2026	11	0	Redacted		online
1608	LCE	Redacted	Redacted	2026	12	0	Redacted		online
1609	LCE	Redacted	Redacted	2027	1	0	Redacted		online
1610	LCE	Redacted	Redacted	2027	2	0	Redacted		online
1611	LCE	Redacted	Redacted	2027	3	0	Redacted		online
1612	LCE	Redacted	Redacted	2027	4	0	Redacted		online
1613	LCE	Redacted	Redacted	2027	5	0	Redacted		online
1614	LCE	Redacted	Redacted	2027	6	0	Redacted		online
1615	LCE	Redacted	Redacted	2027	7	0	Redacted		online
1616	LCE	Redacted	Redacted	2027	8	0	Redacted		online
1617	LCE	Redacted	Redacted	2027	9	0	Redacted		online
1618	LCE	Redacted	Redacted	2027	10	0	Redacted		online
1619	LCE	Redacted	Redacted	2027	11	0	Redacted		online
1620	LCE	Redacted	Redacted	2027	12	0	Redacted		online
1621	LCE	Redacted	Redacted	2028	1	0	Redacted		online
1622	LCE	Redacted	Redacted	2028	2	0	Redacted		online
1623	LCE	Redacted	Redacted	2028	3	0	Redacted		online
1624	LCE	Redacted	Redacted	2028	4	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1600		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1601		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1602		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1603		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1604		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1605		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1606		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1607		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1608		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1609		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1610		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1611		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1612		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1613		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1614		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1615		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1616		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1617		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1618		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1619		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1620		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1621		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1622		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1623		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1624		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1600	1	#N/A	Redacted	ok	special	0	1
1601	1	#N/A	Redacted	ok	special	0	1
1602	1	#N/A	Redacted	ok	special	0	1
1603	1	#N/A	Redacted	ok	special	0	1
1604	1	#N/A	Redacted	ok	special	0	1
1605	1	#N/A	Redacted	ok	special	0	1
1606	1	#N/A	Redacted	ok	special	0	1
1607	1	#N/A	Redacted	ok	special	0	1
1608	1	#N/A	Redacted	ok	special	0	1
1609	1	#N/A	Redacted	ok	special	0	1
1610	1	#N/A	Redacted	ok	special	0	1
1611	1	#N/A	Redacted	ok	special	0	1
1612	1	#N/A	Redacted	ok	special	0	1
1613	1	#N/A	Redacted	ok	special	0	1
1614	1	#N/A	Redacted	ok	special	0	1
1615	1	#N/A	Redacted	ok	special	0	1
1616	1	#N/A	Redacted	ok	special	0	1
1617	1	#N/A	Redacted	ok	special	0	1
1618	1	#N/A	Redacted	ok	special	0	1
1619	1	#N/A	Redacted	ok	special	0	1
1620	1	#N/A	Redacted	ok	special	0	1
1621	1	#N/A	Redacted	ok	special	0	1
1622	1	#N/A	Redacted	ok	special	0	1
1623	1	#N/A	Redacted	ok	special	0	1
1624	1	#N/A	Redacted	ok	special	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1600	Redacted	0	0	1	1	1	1	1	1	1	1
1601	Redacted	0	0	1	1	1	1	1	1	1	1
1602	Redacted	0	0	1	1	1	1	1	1	1	1
1603	Redacted	0	0	1	1	1	1	1	1	1	1
1604	Redacted	0	0	1	1	1	1	1	1	1	1
1605	Redacted	0	0	1	1	1	1	1	1	1	1
1606	Redacted	0	0	1	1	1	1	1	1	1	1
1607	Redacted	0	0	1	1	1	1	1	1	1	1
1608	Redacted	0	0	1	1	1	1	1	1	1	1
1609	Redacted	0	0	1	1	1	1	1	1	1	1
1610	Redacted	0	0	1	1	1	1	1	1	1	1
1611	Redacted	0	0	1	1	1	1	1	1	1	1
1612	Redacted	0	0	1	1	1	1	1	1	1	1
1613	Redacted	0	0	1	1	1	1	1	1	1	1
1614	Redacted	0	0	1	1	1	1	1	1	1	1
1615	Redacted	0	0	1	1	1	1	1	1	1	1
1616	Redacted	0	0	1	1	1	1	1	1	1	1
1617	Redacted	0	0	1	1	1	1	1	1	1	1
1618	Redacted	0	0	1	1	1	1	1	1	1	1
1619	Redacted	0	0	1	1	1	1	1	1	1	1
1620	Redacted	0	0	1	1	1	1	1	1	1	1
1621	Redacted	0	0	1	1	1	1	1	1	1	1
1622	Redacted	0	0	1	1	1	1	1	1	1	1
1623	Redacted	0	0	1	1	1	1	1	1	1	1
1624	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1625	LCE	Redacted	Redacted	2028	5	0	Redacted		online
1626	LCE	Redacted	Redacted	2028	6	0	Redacted		online
1627	LCE	Redacted	Redacted	2028	7	0	Redacted		online
1628	LCE	Redacted	Redacted	2028	8	0	Redacted		online
1629	LCE	Redacted	Redacted	2028	9	0	Redacted		online
1630	LCE	Redacted	Redacted	2028	10	0	Redacted		online
1631	LCE	Redacted	Redacted	2028	11	0	Redacted		online
1632	LCE	Redacted	Redacted	2028	12	0	Redacted		online
1633	LCE	Redacted	Redacted	2029	1	0	Redacted		online
1634	LCE	Redacted	Redacted	2029	2	0	Redacted		online
1635	LCE	Redacted	Redacted	2029	3	0	Redacted		online
1636	LCE	Redacted	Redacted	2029	4	0	Redacted		online
1637	LCE	Redacted	Redacted	2029	5	0	Redacted		online
1638	LCE	Redacted	Redacted	2029	6	0	Redacted		online
1639	LCE	Redacted	Redacted	2029	7	0	Redacted		online
1640	LCE	Redacted	Redacted	2029	8	0	Redacted		online
1641	LCE	Redacted	Redacted	2029	9	0	Redacted		online
1642	LCE	Redacted	Redacted	2029	10	0	Redacted		online
1643	LCE	Redacted	Redacted	2029	11	0	Redacted		online
1644	LCE	Redacted	Redacted	2029	12	0	Redacted		online
1645	LCE	Redacted	Redacted	2030	1	0	Redacted		online
1646	LCE	Redacted	Redacted	2030	2	0	Redacted		online
1647	LCE	Redacted	Redacted	2030	3	0	Redacted		online
1648	LCE	Redacted	Redacted	2030	4	0	Redacted		online
1649	LCE	Redacted	Redacted	2030	5	0	Redacted		online

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1625		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1626		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1627		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1628		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1629		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1630		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1631		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1632		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1633		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1634		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1635		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1636		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1637		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1638		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1639		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1640		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1641		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1642		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1643		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1644		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1645		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1646		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1647		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1648		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1649		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1625	1	#N/A	Redacted	ok	special	0	1
1626	1	#N/A	Redacted	ok	special	0	1
1627	1	#N/A	Redacted	ok	special	0	1
1628	1	#N/A	Redacted	ok	special	0	1
1629	1	#N/A	Redacted	ok	special	0	1
1630	1	#N/A	Redacted	ok	special	0	1
1631	1	#N/A	Redacted	ok	special	0	1
1632	1	#N/A	Redacted	ok	special	0	1
1633	1	#N/A	Redacted	ok	special	0	1
1634	1	#N/A	Redacted	ok	special	0	1
1635	1	#N/A	Redacted	ok	special	0	1
1636	1	#N/A	Redacted	ok	special	0	1
1637	1	#N/A	Redacted	ok	special	0	1
1638	1	#N/A	Redacted	ok	special	0	1
1639	1	#N/A	Redacted	ok	special	0	1
1640	1	#N/A	Redacted	ok	special	0	1
1641	1	#N/A	Redacted	ok	special	0	1
1642	1	#N/A	Redacted	ok	special	0	1
1643	1	#N/A	Redacted	ok	special	0	1
1644	1	#N/A	Redacted	ok	special	0	1
1645	1	#N/A	Redacted	ok	special	0	1
1646	1	#N/A	Redacted	ok	special	0	1
1647	1	#N/A	Redacted	ok	special	0	1
1648	1	#N/A	Redacted	ok	special	0	1
1649	1	#N/A	Redacted	ok	special	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1625	Redacted	0	0	1	1	1	1	1	1	1	1
1626	Redacted	0	0	1	1	1	1	1	1	1	1
1627	Redacted	0	0	1	1	1	1	1	1	1	1
1628	Redacted	0	0	1	1	1	1	1	1	1	1
1629	Redacted	0	0	1	1	1	1	1	1	1	1
1630	Redacted	0	0	1	1	1	1	1	1	1	1
1631	Redacted	0	0	1	1	1	1	1	1	1	1
1632	Redacted	0	0	1	1	1	1	1	1	1	1
1633	Redacted	0	0	1	1	1	1	1	1	1	1
1634	Redacted	0	0	1	1	1	1	1	1	1	1
1635	Redacted	0	0	1	1	1	1	1	1	1	1
1636	Redacted	0	0	1	1	1	1	1	1	1	1
1637	Redacted	0	0	1	1	1	1	1	1	1	1
1638	Redacted	0	0	1	1	1	1	1	1	1	1
1639	Redacted	0	0	1	1	1	1	1	1	1	1
1640	Redacted	0	0	1	1	1	1	1	1	1	1
1641	Redacted	0	0	1	1	1	1	1	1	1	1
1642	Redacted	0	0	1	1	1	1	1	1	1	1
1643	Redacted	0	0	1	1	1	1	1	1	1	1
1644	Redacted	0	0	1	1	1	1	1	1	1	1
1645	Redacted	0	0	1	1	1	1	1	1	1	1
1646	Redacted	0	0	1	1	1	1	1	1	1	1
1647	Redacted	0	0	1	1	1	1	1	1	1	1
1648	Redacted	0	0	1	1	1	1	1	1	1	1
1649	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1650	LCE	Redacted	Redacted	2030	6	0	Redacted		online
1651	LCE	Redacted	Redacted	2030	7	0	Redacted		online
1652	LCE	Redacted	Redacted	2030	8	0	Redacted		online
1653	LCE	Redacted	Redacted	2030	9	0	Redacted		online
1654	LCE	Redacted	Redacted	2030	10	0	Redacted		online
1655	LCE	Redacted	Redacted	2030	11	0	Redacted		online
1656	LCE	Redacted	Redacted	2030	12	0	Redacted		online
1657	LCE	Redacted	Redacted	2022	1	Redacted		Redacted	Review
1658	LCE	Redacted	Redacted	2022	2	Redacted		Redacted	Review
1659	LCE	Redacted	Redacted	2022	3	Redacted		Redacted	Review
1660	LCE	Redacted	Redacted	2022	4	Redacted		Redacted	Review
1661	LCE	Redacted	Redacted	2022	5	Redacted		Redacted	Review
1662	LCE	Redacted	Redacted	2022	6	Redacted		Redacted	Review
1663	LCE	Redacted	Redacted	2022	7	Redacted		Redacted	Review
1664	LCE	Redacted	Redacted	2022	8	Redacted		Redacted	Review
1665	LCE	Redacted	Redacted	2022	9	Redacted		Redacted	Review
1666	LCE	Redacted	Redacted	2022	10	Redacted		Redacted	Review
1667	LCE	Redacted	Redacted	2022	11	Redacted		Redacted	Review
1668	LCE	Redacted	Redacted	2022	12	Redacted		Redacted	Review
1669	LCE	Redacted	Redacted	2023	1	Redacted		Redacted	Review
1670	LCE	Redacted	Redacted	2023	2	Redacted		Redacted	Review
1671	LCE	Redacted	Redacted	2023	3	Redacted		Redacted	Review
1672	LCE	Redacted	Redacted	2023	4	Redacted		Redacted	Review
1673	LCE	Redacted	Redacted	2023	5	Redacted		Redacted	Review
1674	LCE	Redacted	Redacted	2023	6	Redacted		Redacted	Review

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1650		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1651		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1652		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1653		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1654		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1655		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1656		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
1657		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.14
1658		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.12
1659		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.28
1660		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.25
1661		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.25
1662		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.33
1663		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.23
1664		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.21
1665		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.15
1666		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.08
1667		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.12
1668		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.13
1669		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.14
1670		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.12
1671		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.28
1672		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.25
1673		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.25
1674		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.33

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1650	1	#N/A	Redacted	ok	special	0	1
1651	1	#N/A	Redacted	ok	special	0	1
1652	1	#N/A	Redacted	ok	special	0	1
1653	1	#N/A	Redacted	ok	special	0	1
1654	1	#N/A	Redacted	ok	special	0	1
1655	1	#N/A	Redacted	ok	special	0	1
1656	1	#N/A	Redacted	ok	special	0	1
1657	1	Redacted	Redacted	ok	new_resolve	1	1
1658	1	Redacted	Redacted	ok	new_resolve	1	1
1659	1	Redacted	Redacted	ok	new_resolve	1	1
1660	1	Redacted	Redacted	ok	new_resolve	1	1
1661	1	Redacted	Redacted	ok	new_resolve	1	1
1662	1	Redacted	Redacted	ok	new_resolve	1	1
1663	1	Redacted	Redacted	ok	new_resolve	1	1
1664	1	Redacted	Redacted	ok	new_resolve	1	1
1665	1	Redacted	Redacted	ok	new_resolve	1	1
1666	1	Redacted	Redacted	ok	new_resolve	1	1
1667	1	Redacted	Redacted	ok	new_resolve	1	1
1668	1	Redacted	Redacted	ok	new_resolve	1	1
1669	1	Redacted	Redacted	ok	new_resolve	1	1
1670	1	Redacted	Redacted	ok	new_resolve	1	1
1671	1	Redacted	Redacted	ok	new_resolve	1	1
1672	1	Redacted	Redacted	ok	new_resolve	1	1
1673	1	Redacted	Redacted	ok	new_resolve	1	1
1674	1	Redacted	Redacted	ok	new_resolve	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1650	Redacted	0	0	1	1	1	1	1	1	1	1
1651	Redacted	0	0	1	1	1	1	1	1	1	1
1652	Redacted	0	0	1	1	1	1	1	1	1	1
1653	Redacted	0	0	1	1	1	1	1	1	1	1
1654	Redacted	0	0	1	1	1	1	1	1	1	1
1655	Redacted	0	0	1	1	1	1	1	1	1	1
1656	Redacted	0	0	1	1	1	1	1	1	1	1
1657	Redacted	1	114	1	1	1	1	1	1	1	1
1658	Redacted	0	0	1	1	1	1	1	1	1	1
1659	Redacted	0	0	1	1	1	1	1	1	1	1
1660	Redacted	0	0	1	1	1	1	1	1	1	1
1661	Redacted	0	0	1	1	1	1	1	1	1	1
1662	Redacted	0	0	1	1	1	1	1	1	1	1
1663	Redacted	0	0	1	1	1	1	1	1	1	1
1664	Redacted	0	0	1	1	1	1	1	1	1	1
1665	Redacted	0	0	1	1	1	1	1	1	1	1
1666	Redacted	0	0	1	1	1	1	1	1	1	1
1667	Redacted	0	0	1	1	1	1	1	1	1	1
1668	Redacted	0	0	1	1	1	1	1	1	1	1
1669	Redacted	0	0	1	1	1	1	1	1	1	1
1670	Redacted	0	0	1	1	1	1	1	1	1	1
1671	Redacted	0	0	1	1	1	1	1	1	1	1
1672	Redacted	0	0	1	1	1	1	1	1	1	1
1673	Redacted	0	0	1	1	1	1	1	1	1	1
1674	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1675	LCE	Redacted	Redacted	2023	7	Redacted		Redacted	Review
1676	LCE	Redacted	Redacted	2023	8	Redacted		Redacted	Review
1677	LCE	Redacted	Redacted	2023	9	Redacted		Redacted	Review
1678	LCE	Redacted	Redacted	2023	10	Redacted		Redacted	Review
1679	LCE	Redacted	Redacted	2023	11	Redacted		Redacted	Review
1680	LCE	Redacted	Redacted	2023	12	Redacted		Redacted	Review
1681	LCE	Redacted	Redacted	2024	1	Redacted		Redacted	Review
1682	LCE	Redacted	Redacted	2024	2	Redacted		Redacted	Review
1683	LCE	Redacted	Redacted	2024	3	Redacted		Redacted	Review
1684	LCE	Redacted	Redacted	2024	4	Redacted		Redacted	Review
1685	LCE	Redacted	Redacted	2024	5	Redacted		Redacted	Review
1686	LCE	Redacted	Redacted	2024	6	Redacted		Redacted	Review
1687	LCE	Redacted	Redacted	2024	7	Redacted		Redacted	Review
1688	LCE	Redacted	Redacted	2024	8	Redacted		Redacted	Review
1689	LCE	Redacted	Redacted	2024	9	Redacted		Redacted	Review
1690	LCE	Redacted	Redacted	2024	10	Redacted		Redacted	Review
1691	LCE	Redacted	Redacted	2024	11	Redacted		Redacted	Review
1692	LCE	Redacted	Redacted	2024	12	Redacted		Redacted	Review
1693	LCE	Redacted	Redacted	2025	1	Redacted		Redacted	Review
1694	LCE	Redacted	Redacted	2025	2	Redacted		Redacted	Review
1695	LCE	Redacted	Redacted	2025	3	Redacted		Redacted	Review
1696	LCE	Redacted	Redacted	2025	4	Redacted		Redacted	Review
1697	LCE	Redacted	Redacted	2025	5	Redacted		Redacted	Review
1698	LCE	Redacted	Redacted	2025	6	Redacted		Redacted	Review
1699	LCE	Redacted	Redacted	2025	7	Redacted		Redacted	Review

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1675		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.23
1676		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.21
1677		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.15
1678		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.08
1679		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.12
1680		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.13
1681		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.158666667
1682		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.136
1683		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.317333333
1684		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.283333333
1685		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.283333333
1686		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.374
1687		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.260666667
1688		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.238
1689		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.173333333
1690		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.090666667
1691		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.136
1692		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.147333333
1693		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.186666667
1694		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.16
1695		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.373333333
1696		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.333333333
1697		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.333333333
1698		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.44
1699		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.306666667

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1675	1	Redacted	Redacted	ok	new_resolve	1	1
1676	1	Redacted	Redacted	ok	new_resolve	1	1
1677	1	Redacted	Redacted	ok	new_resolve	1	1
1678	1	Redacted	Redacted	ok	new_resolve	1	1
1679	1	Redacted	Redacted	ok	new_resolve	1	1
1680	1	Redacted	Redacted	ok	new_resolve	1	1
1681	1	Redacted	Redacted	ok	new_resolve	1	1
1682	1	Redacted	Redacted	ok	new_resolve	1	1
1683	1	Redacted	Redacted	ok	new_resolve	1	1
1684	1	Redacted	Redacted	ok	new_resolve	1	1
1685	1	Redacted	Redacted	ok	new_resolve	1	1
1686	1	Redacted	Redacted	ok	new_resolve	1	1
1687	1	Redacted	Redacted	ok	new_resolve	1	1
1688	1	Redacted	Redacted	ok	new_resolve	1	1
1689	1	Redacted	Redacted	ok	new_resolve	1	1
1690	1	Redacted	Redacted	ok	new_resolve	1	1
1691	1	Redacted	Redacted	ok	new_resolve	1	1
1692	1	Redacted	Redacted	ok	new_resolve	1	1
1693	1	Redacted	Redacted	ok	new_resolve	1	1
1694	1	Redacted	Redacted	ok	new_resolve	1	1
1695	1	Redacted	Redacted	ok	new_resolve	1	1
1696	1	Redacted	Redacted	ok	new_resolve	1	1
1697	1	Redacted	Redacted	ok	new_resolve	1	1
1698	1	Redacted	Redacted	ok	new_resolve	1	1
1699	1	Redacted	Redacted	ok	new_resolve	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1675	Redacted	0	0	1	1	1	1	1	1	1	1
1676	Redacted	0	0	1	1	1	1	1	1	1	1
1677	Redacted	0	0	1	1	1	1	1	1	1	1
1678	Redacted	0	0	1	1	1	1	1	1	1	1
1679	Redacted	0	0	1	1	1	1	1	1	1	1
1680	Redacted	0	0	1	1	1	1	1	1	1	1
1681	Redacted	0	0	1	1	1	1	1	1	1	1
1682	Redacted	0	0	1	1	1	1	1	1	1	1
1683	Redacted	0	0	1	1	1	1	1	1	1	1
1684	Redacted	0	0	1	1	1	1	1	1	1	1
1685	Redacted	0	0	1	1	1	1	1	1	1	1
1686	Redacted	0	0	1	1	1	1	1	1	1	1
1687	Redacted	0	0	1	1	1	1	1	1	1	1
1688	Redacted	0	0	1	1	1	1	1	1	1	1
1689	Redacted	0	0	1	1	1	1	1	1	1	1
1690	Redacted	0	0	1	1	1	1	1	1	1	1
1691	Redacted	0	0	1	1	1	1	1	1	1	1
1692	Redacted	0	0	1	1	1	1	1	1	1	1
1693	Redacted	0	0	1	1	1	1	1	1	1	1
1694	Redacted	0	0	1	1	1	1	1	1	1	1
1695	Redacted	0	0	1	1	1	1	1	1	1	1
1696	Redacted	0	0	1	1	1	1	1	1	1	1
1697	Redacted	0	0	1	1	1	1	1	1	1	1
1698	Redacted	0	0	1	1	1	1	1	1	1	1
1699	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1700	LCE	Redacted	Redacted	2025	8	Redacted		Redacted	Review
1701	LCE	Redacted	Redacted	2025	9	Redacted		Redacted	Review
1702	LCE	Redacted	Redacted	2025	10	Redacted		Redacted	Review
1703	LCE	Redacted	Redacted	2025	11	Redacted		Redacted	Review
1704	LCE	Redacted	Redacted	2025	12	Redacted		Redacted	Review
1705	LCE	Redacted	Redacted	2026	1	Redacted		Redacted	Review
1706	LCE	Redacted	Redacted	2026	2	Redacted		Redacted	Review
1707	LCE	Redacted	Redacted	2026	3	Redacted		Redacted	Review
1708	LCE	Redacted	Redacted	2026	4	Redacted		Redacted	Review
1709	LCE	Redacted	Redacted	2026	5	Redacted		Redacted	Review
1710	LCE	Redacted	Redacted	2026	6	Redacted		Redacted	Review
1711	LCE	Redacted	Redacted	2026	7	Redacted		Redacted	Review
1712	LCE	Redacted	Redacted	2026	8	Redacted		Redacted	Review
1713	LCE	Redacted	Redacted	2026	9	Redacted		Redacted	Review
1714	LCE	Redacted	Redacted	2026	10	Redacted		Redacted	Review
1715	LCE	Redacted	Redacted	2026	11	Redacted		Redacted	Review
1716	LCE	Redacted	Redacted	2026	12	Redacted		Redacted	Review
1717	LCE	Redacted	Redacted	2027	1	Redacted		Redacted	Review
1718	LCE	Redacted	Redacted	2027	2	Redacted		Redacted	Review
1719	LCE	Redacted	Redacted	2027	3	Redacted		Redacted	Review
1720	LCE	Redacted	Redacted	2027	4	Redacted		Redacted	Review
1721	LCE	Redacted	Redacted	2027	5	Redacted		Redacted	Review
1722	LCE	Redacted	Redacted	2027	6	Redacted		Redacted	Review
1723	LCE	Redacted	Redacted	2027	7	Redacted		Redacted	Review
1724	LCE	Redacted	Redacted	2027	8	Redacted		Redacted	Review

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1700		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.28
1701		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.196666667
1702		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.106666667
1703		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.16
1704		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.173333333
1705		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.205333333
1706		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.176
1707		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.410666667
1708		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.366666667
1709		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.366666667
1710		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.484
1711		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.337333333
1712		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.308
1713		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.22
1714		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.117333333
1715		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.176
1716		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.190666667
1717		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.205333333
1718		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.176
1719		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.410666667
1720		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.366666667
1721		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.366666667
1722		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.484
1723		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.337333333
1724		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.308

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1700	1	Redacted	Redacted	ok	new_resolve	1	1
1701	1	Redacted	Redacted	ok	new_resolve	1	1
1702	1	Redacted	Redacted	ok	new_resolve	1	1
1703	1	Redacted	Redacted	ok	new_resolve	1	1
1704	1	Redacted	Redacted	ok	new_resolve	1	1
1705	1	Redacted	Redacted	ok	new_resolve	1	1
1706	1	Redacted	Redacted	ok	new_resolve	1	1
1707	1	Redacted	Redacted	ok	new_resolve	1	1
1708	1	Redacted	Redacted	ok	new_resolve	1	1
1709	1	Redacted	Redacted	ok	new_resolve	1	1
1710	1	Redacted	Redacted	ok	new_resolve	1	1
1711	1	Redacted	Redacted	ok	new_resolve	1	1
1712	1	Redacted	Redacted	ok	new_resolve	1	1
1713	1	Redacted	Redacted	ok	new_resolve	1	1
1714	1	Redacted	Redacted	ok	new_resolve	1	1
1715	1	Redacted	Redacted	ok	new_resolve	1	1
1716	1	Redacted	Redacted	ok	new_resolve	1	1
1717	1	Redacted	Redacted	ok	new_resolve	1	1
1718	1	Redacted	Redacted	ok	new_resolve	1	1
1719	1	Redacted	Redacted	ok	new_resolve	1	1
1720	1	Redacted	Redacted	ok	new_resolve	1	1
1721	1	Redacted	Redacted	ok	new_resolve	1	1
1722	1	Redacted	Redacted	ok	new_resolve	1	1
1723	1	Redacted	Redacted	ok	new_resolve	1	1
1724	1	Redacted	Redacted	ok	new_resolve	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1700	Redacted	0	0	1	1	1	1	1	1	1	1
1701	Redacted	0	0	1	1	1	1	1	1	1	1
1702	Redacted	0	0	1	1	1	1	1	1	1	1
1703	Redacted	0	0	1	1	1	1	1	1	1	1
1704	Redacted	0	0	1	1	1	1	1	1	1	1
1705	Redacted	0	0	1	1	1	1	1	1	1	1
1706	Redacted	0	0	1	1	1	1	1	1	1	1
1707	Redacted	0	0	1	1	1	1	1	1	1	1
1708	Redacted	0	0	1	1	1	1	1	1	1	1
1709	Redacted	0	0	1	1	1	1	1	1	1	1
1710	Redacted	0	0	1	1	1	1	1	1	1	1
1711	Redacted	0	0	1	1	1	1	1	1	1	1
1712	Redacted	0	0	1	1	1	1	1	1	1	1
1713	Redacted	0	0	1	1	1	1	1	1	1	1
1714	Redacted	0	0	1	1	1	1	1	1	1	1
1715	Redacted	0	0	1	1	1	1	1	1	1	1
1716	Redacted	0	0	1	1	1	1	1	1	1	1
1717	Redacted	0	0	1	1	1	1	1	1	1	1
1718	Redacted	0	0	1	1	1	1	1	1	1	1
1719	Redacted	0	0	1	1	1	1	1	1	1	1
1720	Redacted	0	0	1	1	1	1	1	1	1	1
1721	Redacted	0	0	1	1	1	1	1	1	1	1
1722	Redacted	0	0	1	1	1	1	1	1	1	1
1723	Redacted	0	0	1	1	1	1	1	1	1	1
1724	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1725	LCE	Redacted	Redacted	2027	9	Redacted		Redacted	Review
1726	LCE	Redacted	Redacted	2027	10	Redacted		Redacted	Review
1727	LCE	Redacted	Redacted	2027	11	Redacted		Redacted	Review
1728	LCE	Redacted	Redacted	2027	12	Redacted		Redacted	Review
1729	LCE	Redacted	Redacted	2028	1	Redacted		Redacted	Review
1730	LCE	Redacted	Redacted	2028	2	Redacted		Redacted	Review
1731	LCE	Redacted	Redacted	2028	3	Redacted		Redacted	Review
1732	LCE	Redacted	Redacted	2028	4	Redacted		Redacted	Review
1733	LCE	Redacted	Redacted	2028	5	Redacted		Redacted	Review
1734	LCE	Redacted	Redacted	2028	6	Redacted		Redacted	Review
1735	LCE	Redacted	Redacted	2028	7	Redacted		Redacted	Review
1736	LCE	Redacted	Redacted	2028	8	Redacted		Redacted	Review
1737	LCE	Redacted	Redacted	2028	9	Redacted		Redacted	Review
1738	LCE	Redacted	Redacted	2028	10	Redacted		Redacted	Review
1739	LCE	Redacted	Redacted	2028	11	Redacted		Redacted	Review
1740	LCE	Redacted	Redacted	2028	12	Redacted		Redacted	Review
1741	LCE	Redacted	Redacted	2029	1	Redacted		Redacted	Review
1742	LCE	Redacted	Redacted	2029	2	Redacted		Redacted	Review
1743	LCE	Redacted	Redacted	2029	3	Redacted		Redacted	Review
1744	LCE	Redacted	Redacted	2029	4	Redacted		Redacted	Review
1745	LCE	Redacted	Redacted	2029	5	Redacted		Redacted	Review
1746	LCE	Redacted	Redacted	2029	6	Redacted		Redacted	Review
1747	LCE	Redacted	Redacted	2029	7	Redacted		Redacted	Review
1748	LCE	Redacted	Redacted	2029	8	Redacted		Redacted	Review
1749	LCE	Redacted	Redacted	2029	9	Redacted		Redacted	Review

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1725		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.22
1726		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.117333333
1727		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.176
1728		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.190666667
1729		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.205333333
1730		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.176
1731		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.410666667
1732		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.366666667
1733		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.366666667
1734		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.484
1735		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.337333333
1736		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.308
1737		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.22
1738		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.117333333
1739		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.176
1740		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.190666667
1741		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.205333333
1742		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.176
1743		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.410666667
1744		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.366666667
1745		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.366666667
1746		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.484
1747		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.337333333
1748		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.308
1749		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.22

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1725	1	Redacted	Redacted	ok	new_resolve	1	1
1726	1	Redacted	Redacted	ok	new_resolve	1	1
1727	1	Redacted	Redacted	ok	new_resolve	1	1
1728	1	Redacted	Redacted	ok	new_resolve	1	1
1729	1	Redacted	Redacted	ok	new_resolve	1	1
1730	1	Redacted	Redacted	ok	new_resolve	1	1
1731	1	Redacted	Redacted	ok	new_resolve	1	1
1732	1	Redacted	Redacted	ok	new_resolve	1	1
1733	1	Redacted	Redacted	ok	new_resolve	1	1
1734	1	Redacted	Redacted	ok	new_resolve	1	1
1735	1	Redacted	Redacted	ok	new_resolve	1	1
1736	1	Redacted	Redacted	ok	new_resolve	1	1
1737	1	Redacted	Redacted	ok	new_resolve	1	1
1738	1	Redacted	Redacted	ok	new_resolve	1	1
1739	1	Redacted	Redacted	ok	new_resolve	1	1
1740	1	Redacted	Redacted	ok	new_resolve	1	1
1741	1	Redacted	Redacted	ok	new_resolve	1	1
1742	1	Redacted	Redacted	ok	new_resolve	1	1
1743	1	Redacted	Redacted	ok	new_resolve	1	1
1744	1	Redacted	Redacted	ok	new_resolve	1	1
1745	1	Redacted	Redacted	ok	new_resolve	1	1
1746	1	Redacted	Redacted	ok	new_resolve	1	1
1747	1	Redacted	Redacted	ok	new_resolve	1	1
1748	1	Redacted	Redacted	ok	new_resolve	1	1
1749	1	Redacted	Redacted	ok	new_resolve	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1725	Redacted	0	0	1	1	1	1	1	1	1	1
1726	Redacted	0	0	1	1	1	1	1	1	1	1
1727	Redacted	0	0	1	1	1	1	1	1	1	1
1728	Redacted	0	0	1	1	1	1	1	1	1	1
1729	Redacted	0	0	1	1	1	1	1	1	1	1
1730	Redacted	0	0	1	1	1	1	1	1	1	1
1731	Redacted	0	0	1	1	1	1	1	1	1	1
1732	Redacted	0	0	1	1	1	1	1	1	1	1
1733	Redacted	0	0	1	1	1	1	1	1	1	1
1734	Redacted	0	0	1	1	1	1	1	1	1	1
1735	Redacted	0	0	1	1	1	1	1	1	1	1
1736	Redacted	0	0	1	1	1	1	1	1	1	1
1737	Redacted	0	0	1	1	1	1	1	1	1	1
1738	Redacted	0	0	1	1	1	1	1	1	1	1
1739	Redacted	0	0	1	1	1	1	1	1	1	1
1740	Redacted	0	0	1	1	1	1	1	1	1	1
1741	Redacted	0	0	1	1	1	1	1	1	1	1
1742	Redacted	0	0	1	1	1	1	1	1	1	1
1743	Redacted	0	0	1	1	1	1	1	1	1	1
1744	Redacted	0	0	1	1	1	1	1	1	1	1
1745	Redacted	0	0	1	1	1	1	1	1	1	1
1746	Redacted	0	0	1	1	1	1	1	1	1	1
1747	Redacted	0	0	1	1	1	1	1	1	1	1
1748	Redacted	0	0	1	1	1	1	1	1	1	1
1749	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1750	LCE	Redacted	Redacted	2029	10	Redacted		Redacted	Review
1751	LCE	Redacted	Redacted	2029	11	Redacted		Redacted	Review
1752	LCE	Redacted	Redacted	2029	12	Redacted		Redacted	Review
1753	LCE	Redacted	Redacted	2030	1	Redacted		Redacted	Review
1754	LCE	Redacted	Redacted	2030	2	Redacted		Redacted	Review
1755	LCE	Redacted	Redacted	2030	3	Redacted		Redacted	Review
1756	LCE	Redacted	Redacted	2030	4	Redacted		Redacted	Review
1757	LCE	Redacted	Redacted	2030	5	Redacted		Redacted	Review
1758	LCE	Redacted	Redacted	2030	6	Redacted		Redacted	Review
1759	LCE	Redacted	Redacted	2030	7	Redacted		Redacted	Review
1760	LCE	Redacted	Redacted	2030	8	Redacted		Redacted	Review
1761	LCE	Redacted	Redacted	2030	9	Redacted		Redacted	Review
1762	LCE	Redacted	Redacted	2030	10	Redacted		Redacted	Review
1763	LCE	Redacted	Redacted	2030	11	Redacted		Redacted	Review
1764	LCE	Redacted	Redacted	2030	12	Redacted		Redacted	Review
1765	LCE	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing
1766	LCE	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing
1767	LCE	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing
1768	LCE	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing
1769	LCE	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing
1770	LCE	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing
1771	LCE	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing
1772	LCE	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing
1773	LCE	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing
1774	LCE	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1750		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.117333333
1751		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.176
1752		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.190666667
1753		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.205333333
1754		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.176
1755		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.410666667
1756		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.366666667
1757		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.366666667
1758		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.484
1759		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.337333333
1760		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.308
1761		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.22
1762		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.117333333
1763		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.176
1764		Redacted	Redacted	Redacted	0	Redacted	Redacted	0.190666667
1765		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
1766		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1767		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
1768		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
1769		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
1770		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
1771		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
1772		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1773		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1774		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1750	1	Redacted	Redacted	ok	new_resolve	1	1
1751	1	Redacted	Redacted	ok	new_resolve	1	1
1752	1	Redacted	Redacted	ok	new_resolve	1	1
1753	1	Redacted	Redacted	ok	new_resolve	1	1
1754	1	Redacted	Redacted	ok	new_resolve	1	1
1755	1	Redacted	Redacted	ok	new_resolve	1	1
1756	1	Redacted	Redacted	ok	new_resolve	1	1
1757	1	Redacted	Redacted	ok	new_resolve	1	1
1758	1	Redacted	Redacted	ok	new_resolve	1	1
1759	1	Redacted	Redacted	ok	new_resolve	1	1
1760	1	Redacted	Redacted	ok	new_resolve	1	1
1761	1	Redacted	Redacted	ok	new_resolve	1	1
1762	1	Redacted	Redacted	ok	new_resolve	1	1
1763	1	Redacted	Redacted	ok	new_resolve	1	1
1764	1	Redacted	Redacted	ok	new_resolve	1	1
1765	1	#N/A	Redacted	ok	existing_generic	1	0
1766	1	#N/A	Redacted	ok	existing_generic	1	0
1767	1	#N/A	Redacted	ok	existing_generic	1	0
1768	1	#N/A	Redacted	ok	existing_generic	1	0
1769	1	#N/A	Redacted	ok	existing_generic	1	0
1770	1	#N/A	Redacted	ok	existing_generic	1	0
1771	1	#N/A	Redacted	ok	existing_generic	1	0
1772	1	#N/A	Redacted	ok	existing_generic	1	0
1773	1	#N/A	Redacted	ok	existing_generic	1	0
1774	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1750	Redacted	0	0	1	1	1	1	1	1	1	1
1751	Redacted	0	0	1	1	1	1	1	1	1	1
1752	Redacted	0	0	1	1	1	1	1	1	1	1
1753	Redacted	0	0	1	1	1	1	1	1	1	1
1754	Redacted	0	0	1	1	1	1	1	1	1	1
1755	Redacted	0	0	1	1	1	1	1	1	1	1
1756	Redacted	0	0	1	1	1	1	1	1	1	1
1757	Redacted	0	0	1	1	1	1	1	1	1	1
1758	Redacted	0	0	1	1	1	1	1	1	1	1
1759	Redacted	0	0	1	1	1	1	1	1	1	1
1760	Redacted	0	0	1	1	1	1	1	1	1	1
1761	Redacted	0	0	1	1	1	1	1	1	1	1
1762	Redacted	0	0	1	1	1	1	1	1	1	1
1763	Redacted	0	0	1	1	1	1	1	1	1	1
1764	Redacted	0	0	1	1	1	1	1	1	1	1
1765	Redacted	1	115	1	1	1	1	1	1	1	1
1766	Redacted	0	0	1	1	1	1	1	1	1	1
1767	Redacted	0	0	1	1	1	1	1	1	1	1
1768	Redacted	0	0	1	1	1	1	1	1	1	1
1769	Redacted	0	0	1	1	1	1	1	1	1	1
1770	Redacted	0	0	1	1	1	1	1	1	1	1
1771	Redacted	0	0	1	1	1	1	1	1	1	1
1772	Redacted	0	0	1	1	1	1	1	1	1	1
1773	Redacted	0	0	1	1	1	1	1	1	1	1
1774	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1775	LCE	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing
1776	LCE	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing
1777	LCE	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing
1778	LCE	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing
1779	LCE	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing
1780	LCE	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing
1781	LCE	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing
1782	LCE	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing
1783	LCE	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing
1784	LCE	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing
1785	LCE	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing
1786	LCE	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing
1787	LCE	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing
1788	LCE	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing
1789	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing
1790	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing
1791	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing
1792	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing
1793	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing
1794	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing
1795	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing
1796	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing
1797	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing
1798	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing
1799	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1775		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
1776		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1777		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
1778		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1779		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
1780		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
1781		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
1782		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
1783		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
1784		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1785		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1786		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
1787		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
1788		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1789		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
1790		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1791		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
1792		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
1793		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
1794		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
1795		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
1796		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1797		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1798		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
1799		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1775	1	#N/A	Redacted	ok	existing_generic	1	0
1776	1	#N/A	Redacted	ok	existing_generic	1	0
1777	1	#N/A	Redacted	ok	existing_generic	1	0
1778	1	#N/A	Redacted	ok	existing_generic	1	0
1779	1	#N/A	Redacted	ok	existing_generic	1	0
1780	1	#N/A	Redacted	ok	existing_generic	1	0
1781	1	#N/A	Redacted	ok	existing_generic	1	0
1782	1	#N/A	Redacted	ok	existing_generic	1	0
1783	1	#N/A	Redacted	ok	existing_generic	1	0
1784	1	#N/A	Redacted	ok	existing_generic	1	0
1785	1	#N/A	Redacted	ok	existing_generic	1	0
1786	1	#N/A	Redacted	ok	existing_generic	1	0
1787	1	#N/A	Redacted	ok	existing_generic	1	0
1788	1	#N/A	Redacted	ok	existing_generic	1	0
1789	1	#N/A	Redacted	ok	existing_generic	1	0
1790	1	#N/A	Redacted	ok	existing_generic	1	0
1791	1	#N/A	Redacted	ok	existing_generic	1	0
1792	1	#N/A	Redacted	ok	existing_generic	1	0
1793	1	#N/A	Redacted	ok	existing_generic	1	0
1794	1	#N/A	Redacted	ok	existing_generic	1	0
1795	1	#N/A	Redacted	ok	existing_generic	1	0
1796	1	#N/A	Redacted	ok	existing_generic	1	0
1797	1	#N/A	Redacted	ok	existing_generic	1	0
1798	1	#N/A	Redacted	ok	existing_generic	1	0
1799	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1775	Redacted	0	0	1	1	1	1	1	1	1	1
1776	Redacted	0	0	1	1	1	1	1	1	1	1
1777	Redacted	0	0	1	1	1	1	1	1	1	1
1778	Redacted	0	0	1	1	1	1	1	1	1	1
1779	Redacted	0	0	1	1	1	1	1	1	1	1
1780	Redacted	0	0	1	1	1	1	1	1	1	1
1781	Redacted	0	0	1	1	1	1	1	1	1	1
1782	Redacted	0	0	1	1	1	1	1	1	1	1
1783	Redacted	0	0	1	1	1	1	1	1	1	1
1784	Redacted	0	0	1	1	1	1	1	1	1	1
1785	Redacted	0	0	1	1	1	1	1	1	1	1
1786	Redacted	0	0	1	1	1	1	1	1	1	1
1787	Redacted	0	0	1	1	1	1	1	1	1	1
1788	Redacted	0	0	1	1	1	1	1	1	1	1
1789	Redacted	0	0	1	1	1	1	1	1	1	1
1790	Redacted	0	0	1	1	1	1	1	1	1	1
1791	Redacted	0	0	1	1	1	1	1	1	1	1
1792	Redacted	0	0	1	1	1	1	1	1	1	1
1793	Redacted	0	0	1	1	1	1	1	1	1	1
1794	Redacted	0	0	1	1	1	1	1	1	1	1
1795	Redacted	0	0	1	1	1	1	1	1	1	1
1796	Redacted	0	0	1	1	1	1	1	1	1	1
1797	Redacted	0	0	1	1	1	1	1	1	1	1
1798	Redacted	0	0	1	1	1	1	1	1	1	1
1799	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1800	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing
1801	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing
1802	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing
1803	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing
1804	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing
1805	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing
1806	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing
1807	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing
1808	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing
1809	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing
1810	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing
1811	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing
1812	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing
1813	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing
1814	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing
1815	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing
1816	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing
1817	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing
1818	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing
1819	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing
1820	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing
1821	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing
1822	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing
1823	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing
1824	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1800		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1801		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
1802		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1803		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
1804		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
1805		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
1806		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
1807		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
1808		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1809		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1810		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
1811		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
1812		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1813		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
1814		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1815		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
1816		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
1817		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
1818		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
1819		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
1820		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1821		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1822		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
1823		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
1824		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1800	1	#N/A	Redacted	ok	existing_generic	1	0
1801	1	#N/A	Redacted	ok	existing_generic	1	0
1802	1	#N/A	Redacted	ok	existing_generic	1	0
1803	1	#N/A	Redacted	ok	existing_generic	1	0
1804	1	#N/A	Redacted	ok	existing_generic	1	0
1805	1	#N/A	Redacted	ok	existing_generic	1	0
1806	1	#N/A	Redacted	ok	existing_generic	1	0
1807	1	#N/A	Redacted	ok	existing_generic	1	0
1808	1	#N/A	Redacted	ok	existing_generic	1	0
1809	1	#N/A	Redacted	ok	existing_generic	1	0
1810	1	#N/A	Redacted	ok	existing_generic	1	0
1811	1	#N/A	Redacted	ok	existing_generic	1	0
1812	1	#N/A	Redacted	ok	existing_generic	1	0
1813	1	#N/A	Redacted	ok	existing_generic	1	0
1814	1	#N/A	Redacted	ok	existing_generic	1	0
1815	1	#N/A	Redacted	ok	existing_generic	1	0
1816	1	#N/A	Redacted	ok	existing_generic	1	0
1817	1	#N/A	Redacted	ok	existing_generic	1	0
1818	1	#N/A	Redacted	ok	existing_generic	1	0
1819	1	#N/A	Redacted	ok	existing_generic	1	0
1820	1	#N/A	Redacted	ok	existing_generic	1	0
1821	1	#N/A	Redacted	ok	existing_generic	1	0
1822	1	#N/A	Redacted	ok	existing_generic	1	0
1823	1	#N/A	Redacted	ok	existing_generic	1	0
1824	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1800	Redacted	0	0	1	1	1	1	1	1	1	1
1801	Redacted	0	0	1	1	1	1	1	1	1	1
1802	Redacted	0	0	1	1	1	1	1	1	1	1
1803	Redacted	0	0	1	1	1	1	1	1	1	1
1804	Redacted	0	0	1	1	1	1	1	1	1	1
1805	Redacted	0	0	1	1	1	1	1	1	1	1
1806	Redacted	0	0	1	1	1	1	1	1	1	1
1807	Redacted	0	0	1	1	1	1	1	1	1	1
1808	Redacted	0	0	1	1	1	1	1	1	1	1
1809	Redacted	0	0	1	1	1	1	1	1	1	1
1810	Redacted	0	0	1	1	1	1	1	1	1	1
1811	Redacted	0	0	1	1	1	1	1	1	1	1
1812	Redacted	0	0	1	1	1	1	1	1	1	1
1813	Redacted	0	0	1	1	1	1	1	1	1	1
1814	Redacted	0	0	1	1	1	1	1	1	1	1
1815	Redacted	0	0	1	1	1	1	1	1	1	1
1816	Redacted	0	0	1	1	1	1	1	1	1	1
1817	Redacted	0	0	1	1	1	1	1	1	1	1
1818	Redacted	0	0	1	1	1	1	1	1	1	1
1819	Redacted	0	0	1	1	1	1	1	1	1	1
1820	Redacted	0	0	1	1	1	1	1	1	1	1
1821	Redacted	0	0	1	1	1	1	1	1	1	1
1822	Redacted	0	0	1	1	1	1	1	1	1	1
1823	Redacted	0	0	1	1	1	1	1	1	1	1
1824	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1825	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing
1826	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing
1827	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing
1828	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing
1829	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing
1830	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing
1831	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing
1832	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing
1833	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing
1834	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing
1835	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing
1836	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing
1837	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing
1838	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing
1839	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing
1840	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing
1841	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing
1842	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing
1843	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing
1844	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing
1845	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing
1846	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing
1847	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing
1848	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing
1849	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1825		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
1826		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1827		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
1828		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
1829		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
1830		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
1831		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
1832		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1833		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1834		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
1835		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
1836		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1837		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
1838		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1839		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
1840		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
1841		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
1842		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
1843		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
1844		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1845		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1846		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
1847		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
1848		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1849		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1825	1	#N/A	Redacted	ok	existing_generic	1	0
1826	1	#N/A	Redacted	ok	existing_generic	1	0
1827	1	#N/A	Redacted	ok	existing_generic	1	0
1828	1	#N/A	Redacted	ok	existing_generic	1	0
1829	1	#N/A	Redacted	ok	existing_generic	1	0
1830	1	#N/A	Redacted	ok	existing_generic	1	0
1831	1	#N/A	Redacted	ok	existing_generic	1	0
1832	1	#N/A	Redacted	ok	existing_generic	1	0
1833	1	#N/A	Redacted	ok	existing_generic	1	0
1834	1	#N/A	Redacted	ok	existing_generic	1	0
1835	1	#N/A	Redacted	ok	existing_generic	1	0
1836	1	#N/A	Redacted	ok	existing_generic	1	0
1837	1	#N/A	Redacted	ok	existing_generic	1	0
1838	1	#N/A	Redacted	ok	existing_generic	1	0
1839	1	#N/A	Redacted	ok	existing_generic	1	0
1840	1	#N/A	Redacted	ok	existing_generic	1	0
1841	1	#N/A	Redacted	ok	existing_generic	1	0
1842	1	#N/A	Redacted	ok	existing_generic	1	0
1843	1	#N/A	Redacted	ok	existing_generic	1	0
1844	1	#N/A	Redacted	ok	existing_generic	1	0
1845	1	#N/A	Redacted	ok	existing_generic	1	0
1846	1	#N/A	Redacted	ok	existing_generic	1	0
1847	1	#N/A	Redacted	ok	existing_generic	1	0
1848	1	#N/A	Redacted	ok	existing_generic	1	0
1849	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1825	Redacted	0	0	1	1	1	1	1	1	1	1
1826	Redacted	0	0	1	1	1	1	1	1	1	1
1827	Redacted	0	0	1	1	1	1	1	1	1	1
1828	Redacted	0	0	1	1	1	1	1	1	1	1
1829	Redacted	0	0	1	1	1	1	1	1	1	1
1830	Redacted	0	0	1	1	1	1	1	1	1	1
1831	Redacted	0	0	1	1	1	1	1	1	1	1
1832	Redacted	0	0	1	1	1	1	1	1	1	1
1833	Redacted	0	0	1	1	1	1	1	1	1	1
1834	Redacted	0	0	1	1	1	1	1	1	1	1
1835	Redacted	0	0	1	1	1	1	1	1	1	1
1836	Redacted	0	0	1	1	1	1	1	1	1	1
1837	Redacted	0	0	1	1	1	1	1	1	1	1
1838	Redacted	0	0	1	1	1	1	1	1	1	1
1839	Redacted	0	0	1	1	1	1	1	1	1	1
1840	Redacted	0	0	1	1	1	1	1	1	1	1
1841	Redacted	0	0	1	1	1	1	1	1	1	1
1842	Redacted	0	0	1	1	1	1	1	1	1	1
1843	Redacted	0	0	1	1	1	1	1	1	1	1
1844	Redacted	0	0	1	1	1	1	1	1	1	1
1845	Redacted	0	0	1	1	1	1	1	1	1	1
1846	Redacted	0	0	1	1	1	1	1	1	1	1
1847	Redacted	0	0	1	1	1	1	1	1	1	1
1848	Redacted	0	0	1	1	1	1	1	1	1	1
1849	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1850	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing
1851	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing
1852	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing
1853	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing
1854	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing
1855	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing
1856	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing
1857	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing
1858	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing
1859	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing
1860	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing
1861	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing
1862	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing
1863	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing
1864	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing
1865	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing
1866	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing
1867	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing
1868	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing
1869	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing
1870	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing
1871	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing
1872	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing
1873	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing
1874	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1850		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1851		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
1852		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
1853		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
1854		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
1855		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
1856		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1857		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1858		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
1859		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
1860		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1861		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
1862		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1863		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
1864		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
1865		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
1866		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
1867		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
1868		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1869		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1870		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
1871		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
1872		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1873		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
1874		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1850	1	#N/A	Redacted	ok	existing_generic	1	0
1851	1	#N/A	Redacted	ok	existing_generic	1	0
1852	1	#N/A	Redacted	ok	existing_generic	1	0
1853	1	#N/A	Redacted	ok	existing_generic	1	0
1854	1	#N/A	Redacted	ok	existing_generic	1	0
1855	1	#N/A	Redacted	ok	existing_generic	1	0
1856	1	#N/A	Redacted	ok	existing_generic	1	0
1857	1	#N/A	Redacted	ok	existing_generic	1	0
1858	1	#N/A	Redacted	ok	existing_generic	1	0
1859	1	#N/A	Redacted	ok	existing_generic	1	0
1860	1	#N/A	Redacted	ok	existing_generic	1	0
1861	1	#N/A	Redacted	ok	existing_generic	1	0
1862	1	#N/A	Redacted	ok	existing_generic	1	0
1863	1	#N/A	Redacted	ok	existing_generic	1	0
1864	1	#N/A	Redacted	ok	existing_generic	1	0
1865	1	#N/A	Redacted	ok	existing_generic	1	0
1866	1	#N/A	Redacted	ok	existing_generic	1	0
1867	1	#N/A	Redacted	ok	existing_generic	1	0
1868	1	#N/A	Redacted	ok	existing_generic	1	0
1869	1	#N/A	Redacted	ok	existing_generic	1	0
1870	1	#N/A	Redacted	ok	existing_generic	1	0
1871	1	#N/A	Redacted	ok	existing_generic	1	0
1872	1	#N/A	Redacted	ok	existing_generic	1	0
1873	1	#N/A	Redacted	ok	existing_generic	1	0
1874	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1850	Redacted	0	0	1	1	1	1	1	1	1	1
1851	Redacted	0	0	1	1	1	1	1	1	1	1
1852	Redacted	0	0	1	1	1	1	1	1	1	1
1853	Redacted	0	0	1	1	1	1	1	1	1	1
1854	Redacted	0	0	1	1	1	1	1	1	1	1
1855	Redacted	0	0	1	1	1	1	1	1	1	1
1856	Redacted	0	0	1	1	1	1	1	1	1	1
1857	Redacted	0	0	1	1	1	1	1	1	1	1
1858	Redacted	0	0	1	1	1	1	1	1	1	1
1859	Redacted	0	0	1	1	1	1	1	1	1	1
1860	Redacted	0	0	1	1	1	1	1	1	1	1
1861	Redacted	0	0	1	1	1	1	1	1	1	1
1862	Redacted	0	0	1	1	1	1	1	1	1	1
1863	Redacted	0	0	1	1	1	1	1	1	1	1
1864	Redacted	0	0	1	1	1	1	1	1	1	1
1865	Redacted	0	0	1	1	1	1	1	1	1	1
1866	Redacted	0	0	1	1	1	1	1	1	1	1
1867	Redacted	0	0	1	1	1	1	1	1	1	1
1868	Redacted	0	0	1	1	1	1	1	1	1	1
1869	Redacted	0	0	1	1	1	1	1	1	1	1
1870	Redacted	0	0	1	1	1	1	1	1	1	1
1871	Redacted	0	0	1	1	1	1	1	1	1	1
1872	Redacted	0	0	1	1	1	1	1	1	1	1
1873	Redacted	0	0	1	1	1	1	1	1	1	1
1874	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1875	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing
1876	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing
1877	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing
1878	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing
1879	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing
1880	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing
1881	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing
1882	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing
1883	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing
1884	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing
1885	LCE	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing
1886	LCE	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing
1887	LCE	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing
1888	LCE	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing
1889	LCE	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing
1890	LCE	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing
1891	LCE	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing
1892	LCE	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing
1893	LCE	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing
1894	LCE	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing
1895	LCE	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing
1896	LCE	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing
1897	LCE	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing
1898	LCE	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing
1899	LCE	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1875		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
1876		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
1877		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
1878		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
1879		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
1880		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1881		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
1882		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
1883		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
1884		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
1885		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.14
1886		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1887		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.28
1888		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1889		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1890		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.33
1891		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.23
1892		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.21
1893		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.15
1894		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.08
1895		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1896		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.13
1897		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.14
1898		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1899		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.28

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1875	1	#N/A	Redacted	ok	existing_generic	1	0
1876	1	#N/A	Redacted	ok	existing_generic	1	0
1877	1	#N/A	Redacted	ok	existing_generic	1	0
1878	1	#N/A	Redacted	ok	existing_generic	1	0
1879	1	#N/A	Redacted	ok	existing_generic	1	0
1880	1	#N/A	Redacted	ok	existing_generic	1	0
1881	1	#N/A	Redacted	ok	existing_generic	1	0
1882	1	#N/A	Redacted	ok	existing_generic	1	0
1883	1	#N/A	Redacted	ok	existing_generic	1	0
1884	1	#N/A	Redacted	ok	existing_generic	1	0
1885	1	#N/A	Redacted	ok	existing_generic	1	0
1886	1	#N/A	Redacted	ok	existing_generic	1	0
1887	1	#N/A	Redacted	ok	existing_generic	1	0
1888	1	#N/A	Redacted	ok	existing_generic	1	0
1889	1	#N/A	Redacted	ok	existing_generic	1	0
1890	1	#N/A	Redacted	ok	existing_generic	1	0
1891	1	#N/A	Redacted	ok	existing_generic	1	0
1892	1	#N/A	Redacted	ok	existing_generic	1	0
1893	1	#N/A	Redacted	ok	existing_generic	1	0
1894	1	#N/A	Redacted	ok	existing_generic	1	0
1895	1	#N/A	Redacted	ok	existing_generic	1	0
1896	1	#N/A	Redacted	ok	existing_generic	1	0
1897	1	#N/A	Redacted	ok	existing_generic	1	0
1898	1	#N/A	Redacted	ok	existing_generic	1	0
1899	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1875	Redacted	0	0	1	1	1	1	1	1	1	1
1876	Redacted	0	0	1	1	1	1	1	1	1	1
1877	Redacted	0	0	1	1	1	1	1	1	1	1
1878	Redacted	0	0	1	1	1	1	1	1	1	1
1879	Redacted	0	0	1	1	1	1	1	1	1	1
1880	Redacted	0	0	1	1	1	1	1	1	1	1
1881	Redacted	0	0	1	1	1	1	1	1	1	1
1882	Redacted	0	0	1	1	1	1	1	1	1	1
1883	Redacted	0	0	1	1	1	1	1	1	1	1
1884	Redacted	0	0	1	1	1	1	1	1	1	1
1885	Redacted	1	116	1	1	1	1	1	1	1	1
1886	Redacted	0	0	1	1	1	1	1	1	1	1
1887	Redacted	0	0	1	1	1	1	1	1	1	1
1888	Redacted	0	0	1	1	1	1	1	1	1	1
1889	Redacted	0	0	1	1	1	1	1	1	1	1
1890	Redacted	0	0	1	1	1	1	1	1	1	1
1891	Redacted	0	0	1	1	1	1	1	1	1	1
1892	Redacted	0	0	1	1	1	1	1	1	1	1
1893	Redacted	0	0	1	1	1	1	1	1	1	1
1894	Redacted	0	0	1	1	1	1	1	1	1	1
1895	Redacted	0	0	1	1	1	1	1	1	1	1
1896	Redacted	0	0	1	1	1	1	1	1	1	1
1897	Redacted	0	0	1	1	1	1	1	1	1	1
1898	Redacted	0	0	1	1	1	1	1	1	1	1
1899	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1900	LCE	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing
1901	LCE	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing
1902	LCE	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing
1903	LCE	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing
1904	LCE	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing
1905	LCE	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing
1906	LCE	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing
1907	LCE	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing
1908	LCE	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing
1909	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing
1910	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing
1911	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing
1912	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing
1913	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing
1914	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing
1915	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing
1916	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing
1917	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing
1918	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing
1919	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing
1920	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing
1921	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing
1922	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing
1923	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing
1924	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1900		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1901		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1902		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.33
1903		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.23
1904		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.21
1905		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.15
1906		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.08
1907		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1908		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.13
1909		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.14
1910		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1911		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.28
1912		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1913		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.25
1914		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.33
1915		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.23
1916		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.21
1917		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.15
1918		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.08
1919		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.12
1920		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.13
1921		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.158666667
1922		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.136
1923		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.317333333
1924		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.283333333

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1900	1	#N/A	Redacted	ok	existing_generic	1	0
1901	1	#N/A	Redacted	ok	existing_generic	1	0
1902	1	#N/A	Redacted	ok	existing_generic	1	0
1903	1	#N/A	Redacted	ok	existing_generic	1	0
1904	1	#N/A	Redacted	ok	existing_generic	1	0
1905	1	#N/A	Redacted	ok	existing_generic	1	0
1906	1	#N/A	Redacted	ok	existing_generic	1	0
1907	1	#N/A	Redacted	ok	existing_generic	1	0
1908	1	#N/A	Redacted	ok	existing_generic	1	0
1909	1	#N/A	Redacted	ok	existing_generic	1	0
1910	1	#N/A	Redacted	ok	existing_generic	1	0
1911	1	#N/A	Redacted	ok	existing_generic	1	0
1912	1	#N/A	Redacted	ok	existing_generic	1	0
1913	1	#N/A	Redacted	ok	existing_generic	1	0
1914	1	#N/A	Redacted	ok	existing_generic	1	0
1915	1	#N/A	Redacted	ok	existing_generic	1	0
1916	1	#N/A	Redacted	ok	existing_generic	1	0
1917	1	#N/A	Redacted	ok	existing_generic	1	0
1918	1	#N/A	Redacted	ok	existing_generic	1	0
1919	1	#N/A	Redacted	ok	existing_generic	1	0
1920	1	#N/A	Redacted	ok	existing_generic	1	0
1921	1	#N/A	Redacted	ok	existing_generic	1	0
1922	1	#N/A	Redacted	ok	existing_generic	1	0
1923	1	#N/A	Redacted	ok	existing_generic	1	0
1924	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1900	Redacted	0	0	1	1	1	1	1	1	1	1
1901	Redacted	0	0	1	1	1	1	1	1	1	1
1902	Redacted	0	0	1	1	1	1	1	1	1	1
1903	Redacted	0	0	1	1	1	1	1	1	1	1
1904	Redacted	0	0	1	1	1	1	1	1	1	1
1905	Redacted	0	0	1	1	1	1	1	1	1	1
1906	Redacted	0	0	1	1	1	1	1	1	1	1
1907	Redacted	0	0	1	1	1	1	1	1	1	1
1908	Redacted	0	0	1	1	1	1	1	1	1	1
1909	Redacted	0	0	1	1	1	1	1	1	1	1
1910	Redacted	0	0	1	1	1	1	1	1	1	1
1911	Redacted	0	0	1	1	1	1	1	1	1	1
1912	Redacted	0	0	1	1	1	1	1	1	1	1
1913	Redacted	0	0	1	1	1	1	1	1	1	1
1914	Redacted	0	0	1	1	1	1	1	1	1	1
1915	Redacted	0	0	1	1	1	1	1	1	1	1
1916	Redacted	0	0	1	1	1	1	1	1	1	1
1917	Redacted	0	0	1	1	1	1	1	1	1	1
1918	Redacted	0	0	1	1	1	1	1	1	1	1
1919	Redacted	0	0	1	1	1	1	1	1	1	1
1920	Redacted	0	0	1	1	1	1	1	1	1	1
1921	Redacted	0	0	1	1	1	1	1	1	1	1
1922	Redacted	0	0	1	1	1	1	1	1	1	1
1923	Redacted	0	0	1	1	1	1	1	1	1	1
1924	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1925	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing
1926	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing
1927	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing
1928	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing
1929	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing
1930	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing
1931	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing
1932	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing
1933	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing
1934	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing
1935	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing
1936	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing
1937	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing
1938	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing
1939	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing
1940	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing
1941	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing
1942	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing
1943	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing
1944	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing
1945	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing
1946	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing
1947	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing
1948	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing
1949	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1925		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.283333333
1926		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.374
1927		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.260666667
1928		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.238
1929		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.173333333
1930		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.090666667
1931		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.136
1932		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.147333333
1933		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.186666667
1934		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.16
1935		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.373333333
1936		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.333333333
1937		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.333333333
1938		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.44
1939		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.306666667
1940		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.28
1941		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.196666667
1942		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.106666667
1943		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.16
1944		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.173333333
1945		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.205333333
1946		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.176
1947		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.410666667
1948		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.366666667
1949		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.366666667

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1925	1	#N/A	Redacted	ok	existing_generic	1	0
1926	1	#N/A	Redacted	ok	existing_generic	1	0
1927	1	#N/A	Redacted	ok	existing_generic	1	0
1928	1	#N/A	Redacted	ok	existing_generic	1	0
1929	1	#N/A	Redacted	ok	existing_generic	1	0
1930	1	#N/A	Redacted	ok	existing_generic	1	0
1931	1	#N/A	Redacted	ok	existing_generic	1	0
1932	1	#N/A	Redacted	ok	existing_generic	1	0
1933	1	#N/A	Redacted	ok	existing_generic	1	0
1934	1	#N/A	Redacted	ok	existing_generic	1	0
1935	1	#N/A	Redacted	ok	existing_generic	1	0
1936	1	#N/A	Redacted	ok	existing_generic	1	0
1937	1	#N/A	Redacted	ok	existing_generic	1	0
1938	1	#N/A	Redacted	ok	existing_generic	1	0
1939	1	#N/A	Redacted	ok	existing_generic	1	0
1940	1	#N/A	Redacted	ok	existing_generic	1	0
1941	1	#N/A	Redacted	ok	existing_generic	1	0
1942	1	#N/A	Redacted	ok	existing_generic	1	0
1943	1	#N/A	Redacted	ok	existing_generic	1	0
1944	1	#N/A	Redacted	ok	existing_generic	1	0
1945	1	#N/A	Redacted	ok	existing_generic	1	0
1946	1	#N/A	Redacted	ok	existing_generic	1	0
1947	1	#N/A	Redacted	ok	existing_generic	1	0
1948	1	#N/A	Redacted	ok	existing_generic	1	0
1949	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1925	Redacted	0	0	1	1	1	1	1	1	1	1
1926	Redacted	0	0	1	1	1	1	1	1	1	1
1927	Redacted	0	0	1	1	1	1	1	1	1	1
1928	Redacted	0	0	1	1	1	1	1	1	1	1
1929	Redacted	0	0	1	1	1	1	1	1	1	1
1930	Redacted	0	0	1	1	1	1	1	1	1	1
1931	Redacted	0	0	1	1	1	1	1	1	1	1
1932	Redacted	0	0	1	1	1	1	1	1	1	1
1933	Redacted	0	0	1	1	1	1	1	1	1	1
1934	Redacted	0	0	1	1	1	1	1	1	1	1
1935	Redacted	0	0	1	1	1	1	1	1	1	1
1936	Redacted	0	0	1	1	1	1	1	1	1	1
1937	Redacted	0	0	1	1	1	1	1	1	1	1
1938	Redacted	0	0	1	1	1	1	1	1	1	1
1939	Redacted	0	0	1	1	1	1	1	1	1	1
1940	Redacted	0	0	1	1	1	1	1	1	1	1
1941	Redacted	0	0	1	1	1	1	1	1	1	1
1942	Redacted	0	0	1	1	1	1	1	1	1	1
1943	Redacted	0	0	1	1	1	1	1	1	1	1
1944	Redacted	0	0	1	1	1	1	1	1	1	1
1945	Redacted	0	0	1	1	1	1	1	1	1	1
1946	Redacted	0	0	1	1	1	1	1	1	1	1
1947	Redacted	0	0	1	1	1	1	1	1	1	1
1948	Redacted	0	0	1	1	1	1	1	1	1	1
1949	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1950	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing
1951	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing
1952	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing
1953	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing
1954	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing
1955	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing
1956	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing
1957	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing
1958	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing
1959	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing
1960	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing
1961	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing
1962	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing
1963	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing
1964	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing
1965	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing
1966	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing
1967	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing
1968	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing
1969	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing
1970	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing
1971	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing
1972	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing
1973	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing
1974	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1950		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.484
1951		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.337333333
1952		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.308
1953		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.22
1954		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.117333333
1955		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.176
1956		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.190666667
1957		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.205333333
1958		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.176
1959		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.410666667
1960		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.366666667
1961		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.366666667
1962		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.484
1963		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.337333333
1964		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.308
1965		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.22
1966		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.117333333
1967		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.176
1968		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.190666667
1969		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.205333333
1970		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.176
1971		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.410666667
1972		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.366666667
1973		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.366666667
1974		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.484

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1950	1	#N/A	Redacted	ok	existing_generic	1	0
1951	1	#N/A	Redacted	ok	existing_generic	1	0
1952	1	#N/A	Redacted	ok	existing_generic	1	0
1953	1	#N/A	Redacted	ok	existing_generic	1	0
1954	1	#N/A	Redacted	ok	existing_generic	1	0
1955	1	#N/A	Redacted	ok	existing_generic	1	0
1956	1	#N/A	Redacted	ok	existing_generic	1	0
1957	1	#N/A	Redacted	ok	existing_generic	1	0
1958	1	#N/A	Redacted	ok	existing_generic	1	0
1959	1	#N/A	Redacted	ok	existing_generic	1	0
1960	1	#N/A	Redacted	ok	existing_generic	1	0
1961	1	#N/A	Redacted	ok	existing_generic	1	0
1962	1	#N/A	Redacted	ok	existing_generic	1	0
1963	1	#N/A	Redacted	ok	existing_generic	1	0
1964	1	#N/A	Redacted	ok	existing_generic	1	0
1965	1	#N/A	Redacted	ok	existing_generic	1	0
1966	1	#N/A	Redacted	ok	existing_generic	1	0
1967	1	#N/A	Redacted	ok	existing_generic	1	0
1968	1	#N/A	Redacted	ok	existing_generic	1	0
1969	1	#N/A	Redacted	ok	existing_generic	1	0
1970	1	#N/A	Redacted	ok	existing_generic	1	0
1971	1	#N/A	Redacted	ok	existing_generic	1	0
1972	1	#N/A	Redacted	ok	existing_generic	1	0
1973	1	#N/A	Redacted	ok	existing_generic	1	0
1974	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1950	Redacted	0	0	1	1	1	1	1	1	1	1
1951	Redacted	0	0	1	1	1	1	1	1	1	1
1952	Redacted	0	0	1	1	1	1	1	1	1	1
1953	Redacted	0	0	1	1	1	1	1	1	1	1
1954	Redacted	0	0	1	1	1	1	1	1	1	1
1955	Redacted	0	0	1	1	1	1	1	1	1	1
1956	Redacted	0	0	1	1	1	1	1	1	1	1
1957	Redacted	0	0	1	1	1	1	1	1	1	1
1958	Redacted	0	0	1	1	1	1	1	1	1	1
1959	Redacted	0	0	1	1	1	1	1	1	1	1
1960	Redacted	0	0	1	1	1	1	1	1	1	1
1961	Redacted	0	0	1	1	1	1	1	1	1	1
1962	Redacted	0	0	1	1	1	1	1	1	1	1
1963	Redacted	0	0	1	1	1	1	1	1	1	1
1964	Redacted	0	0	1	1	1	1	1	1	1	1
1965	Redacted	0	0	1	1	1	1	1	1	1	1
1966	Redacted	0	0	1	1	1	1	1	1	1	1
1967	Redacted	0	0	1	1	1	1	1	1	1	1
1968	Redacted	0	0	1	1	1	1	1	1	1	1
1969	Redacted	0	0	1	1	1	1	1	1	1	1
1970	Redacted	0	0	1	1	1	1	1	1	1	1
1971	Redacted	0	0	1	1	1	1	1	1	1	1
1972	Redacted	0	0	1	1	1	1	1	1	1	1
1973	Redacted	0	0	1	1	1	1	1	1	1	1
1974	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
1975	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing
1976	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing
1977	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing
1978	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing
1979	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing
1980	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing
1981	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing
1982	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing
1983	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing
1984	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing
1985	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing
1986	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing
1987	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing
1988	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing
1989	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing
1990	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing
1991	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing
1992	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing
1993	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing
1994	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing
1995	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing
1996	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing
1997	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing
1998	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing
1999	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
1975		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.337333333
1976		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.308
1977		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.22
1978		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.117333333
1979		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.176
1980		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.190666667
1981		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.205333333
1982		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.176
1983		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.410666667
1984		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.366666667
1985		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.366666667
1986		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.484
1987		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.337333333
1988		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.308
1989		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.22
1990		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.117333333
1991		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.176
1992		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.190666667
1993		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.205333333
1994		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.176
1995		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.410666667
1996		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.366666667
1997		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.366666667
1998		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.484
1999		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.337333333

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1975	1	#N/A	Redacted	ok	existing_generic	1	0
1976	1	#N/A	Redacted	ok	existing_generic	1	0
1977	1	#N/A	Redacted	ok	existing_generic	1	0
1978	1	#N/A	Redacted	ok	existing_generic	1	0
1979	1	#N/A	Redacted	ok	existing_generic	1	0
1980	1	#N/A	Redacted	ok	existing_generic	1	0
1981	1	#N/A	Redacted	ok	existing_generic	1	0
1982	1	#N/A	Redacted	ok	existing_generic	1	0
1983	1	#N/A	Redacted	ok	existing_generic	1	0
1984	1	#N/A	Redacted	ok	existing_generic	1	0
1985	1	#N/A	Redacted	ok	existing_generic	1	0
1986	1	#N/A	Redacted	ok	existing_generic	1	0
1987	1	#N/A	Redacted	ok	existing_generic	1	0
1988	1	#N/A	Redacted	ok	existing_generic	1	0
1989	1	#N/A	Redacted	ok	existing_generic	1	0
1990	1	#N/A	Redacted	ok	existing_generic	1	0
1991	1	#N/A	Redacted	ok	existing_generic	1	0
1992	1	#N/A	Redacted	ok	existing_generic	1	0
1993	1	#N/A	Redacted	ok	existing_generic	1	0
1994	1	#N/A	Redacted	ok	existing_generic	1	0
1995	1	#N/A	Redacted	ok	existing_generic	1	0
1996	1	#N/A	Redacted	ok	existing_generic	1	0
1997	1	#N/A	Redacted	ok	existing_generic	1	0
1998	1	#N/A	Redacted	ok	existing_generic	1	0
1999	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
1975	Redacted	0	0	1	1	1	1	1	1	1	1
1976	Redacted	0	0	1	1	1	1	1	1	1	1
1977	Redacted	0	0	1	1	1	1	1	1	1	1
1978	Redacted	0	0	1	1	1	1	1	1	1	1
1979	Redacted	0	0	1	1	1	1	1	1	1	1
1980	Redacted	0	0	1	1	1	1	1	1	1	1
1981	Redacted	0	0	1	1	1	1	1	1	1	1
1982	Redacted	0	0	1	1	1	1	1	1	1	1
1983	Redacted	0	0	1	1	1	1	1	1	1	1
1984	Redacted	0	0	1	1	1	1	1	1	1	1
1985	Redacted	0	0	1	1	1	1	1	1	1	1
1986	Redacted	0	0	1	1	1	1	1	1	1	1
1987	Redacted	0	0	1	1	1	1	1	1	1	1
1988	Redacted	0	0	1	1	1	1	1	1	1	1
1989	Redacted	0	0	1	1	1	1	1	1	1	1
1990	Redacted	0	0	1	1	1	1	1	1	1	1
1991	Redacted	0	0	1	1	1	1	1	1	1	1
1992	Redacted	0	0	1	1	1	1	1	1	1	1
1993	Redacted	0	0	1	1	1	1	1	1	1	1
1994	Redacted	0	0	1	1	1	1	1	1	1	1
1995	Redacted	0	0	1	1	1	1	1	1	1	1
1996	Redacted	0	0	1	1	1	1	1	1	1	1
1997	Redacted	0	0	1	1	1	1	1	1	1	1
1998	Redacted	0	0	1	1	1	1	1	1	1	1
1999	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2000	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing
2001	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing
2002	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing
2003	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing
2004	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing
2005	LCE	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing
2006	LCE	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing
2007	LCE	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing
2008	LCE	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing
2009	LCE	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing
2010	LCE	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing
2011	LCE	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing
2012	LCE	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing
2013	LCE	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing
2014	LCE	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing
2015	LCE	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing
2016	LCE	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing
2017	LCE	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing
2018	LCE	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing
2019	LCE	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing
2020	LCE	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing
2021	LCE	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing
2022	LCE	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing
2023	LCE	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing
2024	LCE	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2000		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.308
2001		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.22
2002		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.117333333
2003		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.176
2004		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.190666667
2005		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2006		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2007		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2008		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2009		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2010		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2011		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2012		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2013		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2014		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2015		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2016		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2017		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2018		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2019		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2020		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2021		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2022		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2023		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2024		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2000	1	#N/A	Redacted	ok	existing_generic	1	0
2001	1	#N/A	Redacted	ok	existing_generic	1	0
2002	1	#N/A	Redacted	ok	existing_generic	1	0
2003	1	#N/A	Redacted	ok	existing_generic	1	0
2004	1	#N/A	Redacted	ok	existing_generic	1	0
2005	1	#N/A	Redacted	ok	existing_generic	1	0
2006	1	#N/A	Redacted	ok	existing_generic	1	0
2007	1	#N/A	Redacted	ok	existing_generic	1	0
2008	1	#N/A	Redacted	ok	existing_generic	1	0
2009	1	#N/A	Redacted	ok	existing_generic	1	0
2010	1	#N/A	Redacted	ok	existing_generic	1	0
2011	1	#N/A	Redacted	ok	existing_generic	1	0
2012	1	#N/A	Redacted	ok	existing_generic	1	0
2013	1	#N/A	Redacted	ok	existing_generic	1	0
2014	1	#N/A	Redacted	ok	existing_generic	1	0
2015	1	#N/A	Redacted	ok	existing_generic	1	0
2016	1	#N/A	Redacted	ok	existing_generic	1	0
2017	1	#N/A	Redacted	ok	existing_generic	1	0
2018	1	#N/A	Redacted	ok	existing_generic	1	0
2019	1	#N/A	Redacted	ok	existing_generic	1	0
2020	1	#N/A	Redacted	ok	existing_generic	1	0
2021	1	#N/A	Redacted	ok	existing_generic	1	0
2022	1	#N/A	Redacted	ok	existing_generic	1	0
2023	1	#N/A	Redacted	ok	existing_generic	1	0
2024	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2000	Redacted	0	0	1	1	1	1	1	1	1	1
2001	Redacted	0	0	1	1	1	1	1	1	1	1
2002	Redacted	0	0	1	1	1	1	1	1	1	1
2003	Redacted	0	0	1	1	1	1	1	1	1	1
2004	Redacted	0	0	1	1	1	1	1	1	1	1
2005	Redacted	1	117	1	1	1	1	1	1	1	1
2006	Redacted	0	0	1	1	1	1	1	1	1	1
2007	Redacted	0	0	1	1	1	1	1	1	1	1
2008	Redacted	0	0	1	1	1	1	1	1	1	1
2009	Redacted	0	0	1	1	1	1	1	1	1	1
2010	Redacted	0	0	1	1	1	1	1	1	1	1
2011	Redacted	0	0	1	1	1	1	1	1	1	1
2012	Redacted	0	0	1	1	1	1	1	1	1	1
2013	Redacted	0	0	1	1	1	1	1	1	1	1
2014	Redacted	0	0	1	1	1	1	1	1	1	1
2015	Redacted	0	0	1	1	1	1	1	1	1	1
2016	Redacted	0	0	1	1	1	1	1	1	1	1
2017	Redacted	0	0	1	1	1	1	1	1	1	1
2018	Redacted	0	0	1	1	1	1	1	1	1	1
2019	Redacted	0	0	1	1	1	1	1	1	1	1
2020	Redacted	0	0	1	1	1	1	1	1	1	1
2021	Redacted	0	0	1	1	1	1	1	1	1	1
2022	Redacted	0	0	1	1	1	1	1	1	1	1
2023	Redacted	0	0	1	1	1	1	1	1	1	1
2024	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2025	LCE	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing
2026	LCE	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing
2027	LCE	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing
2028	LCE	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing
2029	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing
2030	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing
2031	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing
2032	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing
2033	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing
2034	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing
2035	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing
2036	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing
2037	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing
2038	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing
2039	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing
2040	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing
2041	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing
2042	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing
2043	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing
2044	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing
2045	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing
2046	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing
2047	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing
2048	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing
2049	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2025		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2026		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2027		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2028		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2029		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2030		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2031		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2032		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2033		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2034		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2035		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2036		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2037		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2038		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2039		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2040		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2041		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2042		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2043		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2044		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2045		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2046		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2047		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2048		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2049		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2025	1	#N/A	Redacted	ok	existing_generic	1	0
2026	1	#N/A	Redacted	ok	existing_generic	1	0
2027	1	#N/A	Redacted	ok	existing_generic	1	0
2028	1	#N/A	Redacted	ok	existing_generic	1	0
2029	1	#N/A	Redacted	ok	existing_generic	1	0
2030	1	#N/A	Redacted	ok	existing_generic	1	0
2031	1	#N/A	Redacted	ok	existing_generic	1	0
2032	1	#N/A	Redacted	ok	existing_generic	1	0
2033	1	#N/A	Redacted	ok	existing_generic	1	0
2034	1	#N/A	Redacted	ok	existing_generic	1	0
2035	1	#N/A	Redacted	ok	existing_generic	1	0
2036	1	#N/A	Redacted	ok	existing_generic	1	0
2037	1	#N/A	Redacted	ok	existing_generic	1	0
2038	1	#N/A	Redacted	ok	existing_generic	1	0
2039	1	#N/A	Redacted	ok	existing_generic	1	0
2040	1	#N/A	Redacted	ok	existing_generic	1	0
2041	1	#N/A	Redacted	ok	existing_generic	1	0
2042	1	#N/A	Redacted	ok	existing_generic	1	0
2043	1	#N/A	Redacted	ok	existing_generic	1	0
2044	1	#N/A	Redacted	ok	existing_generic	1	0
2045	1	#N/A	Redacted	ok	existing_generic	1	0
2046	1	#N/A	Redacted	ok	existing_generic	1	0
2047	1	#N/A	Redacted	ok	existing_generic	1	0
2048	1	#N/A	Redacted	ok	existing_generic	1	0
2049	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2025	Redacted	0	0	1	1	1	1	1	1	1	1
2026	Redacted	0	0	1	1	1	1	1	1	1	1
2027	Redacted	0	0	1	1	1	1	1	1	1	1
2028	Redacted	0	0	1	1	1	1	1	1	1	1
2029	Redacted	0	0	1	1	1	1	1	1	1	1
2030	Redacted	0	0	1	1	1	1	1	1	1	1
2031	Redacted	0	0	1	1	1	1	1	1	1	1
2032	Redacted	0	0	1	1	1	1	1	1	1	1
2033	Redacted	0	0	1	1	1	1	1	1	1	1
2034	Redacted	0	0	1	1	1	1	1	1	1	1
2035	Redacted	0	0	1	1	1	1	1	1	1	1
2036	Redacted	0	0	1	1	1	1	1	1	1	1
2037	Redacted	0	0	1	1	1	1	1	1	1	1
2038	Redacted	0	0	1	1	1	1	1	1	1	1
2039	Redacted	0	0	1	1	1	1	1	1	1	1
2040	Redacted	0	0	1	1	1	1	1	1	1	1
2041	Redacted	0	0	1	1	1	1	1	1	1	1
2042	Redacted	0	0	1	1	1	1	1	1	1	1
2043	Redacted	0	0	1	1	1	1	1	1	1	1
2044	Redacted	0	0	1	1	1	1	1	1	1	1
2045	Redacted	0	0	1	1	1	1	1	1	1	1
2046	Redacted	0	0	1	1	1	1	1	1	1	1
2047	Redacted	0	0	1	1	1	1	1	1	1	1
2048	Redacted	0	0	1	1	1	1	1	1	1	1
2049	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2050	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing
2051	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing
2052	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing
2053	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing
2054	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing
2055	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing
2056	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing
2057	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing
2058	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing
2059	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing
2060	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing
2061	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing
2062	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing
2063	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing
2064	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing
2065	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing
2066	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing
2067	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing
2068	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing
2069	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing
2070	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing
2071	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing
2072	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing
2073	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing
2074	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2050		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2051		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2052		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2053		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2054		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2055		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2056		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2057		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2058		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2059		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2060		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2061		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2062		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2063		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2064		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2065		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2066		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2067		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2068		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2069		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2070		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2071		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2072		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2073		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2074		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2050	1	#N/A	Redacted	ok	existing_generic	1	0
2051	1	#N/A	Redacted	ok	existing_generic	1	0
2052	1	#N/A	Redacted	ok	existing_generic	1	0
2053	1	#N/A	Redacted	ok	existing_generic	1	0
2054	1	#N/A	Redacted	ok	existing_generic	1	0
2055	1	#N/A	Redacted	ok	existing_generic	1	0
2056	1	#N/A	Redacted	ok	existing_generic	1	0
2057	1	#N/A	Redacted	ok	existing_generic	1	0
2058	1	#N/A	Redacted	ok	existing_generic	1	0
2059	1	#N/A	Redacted	ok	existing_generic	1	0
2060	1	#N/A	Redacted	ok	existing_generic	1	0
2061	1	#N/A	Redacted	ok	existing_generic	1	0
2062	1	#N/A	Redacted	ok	existing_generic	1	0
2063	1	#N/A	Redacted	ok	existing_generic	1	0
2064	1	#N/A	Redacted	ok	existing_generic	1	0
2065	1	#N/A	Redacted	ok	existing_generic	1	0
2066	1	#N/A	Redacted	ok	existing_generic	1	0
2067	1	#N/A	Redacted	ok	existing_generic	1	0
2068	1	#N/A	Redacted	ok	existing_generic	1	0
2069	1	#N/A	Redacted	ok	existing_generic	1	0
2070	1	#N/A	Redacted	ok	existing_generic	1	0
2071	1	#N/A	Redacted	ok	existing_generic	1	0
2072	1	#N/A	Redacted	ok	existing_generic	1	0
2073	1	#N/A	Redacted	ok	existing_generic	1	0
2074	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2050	Redacted	0	0	1	1	1	1	1	1	1	1
2051	Redacted	0	0	1	1	1	1	1	1	1	1
2052	Redacted	0	0	1	1	1	1	1	1	1	1
2053	Redacted	0	0	1	1	1	1	1	1	1	1
2054	Redacted	0	0	1	1	1	1	1	1	1	1
2055	Redacted	0	0	1	1	1	1	1	1	1	1
2056	Redacted	0	0	1	1	1	1	1	1	1	1
2057	Redacted	0	0	1	1	1	1	1	1	1	1
2058	Redacted	0	0	1	1	1	1	1	1	1	1
2059	Redacted	0	0	1	1	1	1	1	1	1	1
2060	Redacted	0	0	1	1	1	1	1	1	1	1
2061	Redacted	0	0	1	1	1	1	1	1	1	1
2062	Redacted	0	0	1	1	1	1	1	1	1	1
2063	Redacted	0	0	1	1	1	1	1	1	1	1
2064	Redacted	0	0	1	1	1	1	1	1	1	1
2065	Redacted	0	0	1	1	1	1	1	1	1	1
2066	Redacted	0	0	1	1	1	1	1	1	1	1
2067	Redacted	0	0	1	1	1	1	1	1	1	1
2068	Redacted	0	0	1	1	1	1	1	1	1	1
2069	Redacted	0	0	1	1	1	1	1	1	1	1
2070	Redacted	0	0	1	1	1	1	1	1	1	1
2071	Redacted	0	0	1	1	1	1	1	1	1	1
2072	Redacted	0	0	1	1	1	1	1	1	1	1
2073	Redacted	0	0	1	1	1	1	1	1	1	1
2074	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2075	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing
2076	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing
2077	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing
2078	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing
2079	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing
2080	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing
2081	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing
2082	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing
2083	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing
2084	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing
2085	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing
2086	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing
2087	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing
2088	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing
2089	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing
2090	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing
2091	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing
2092	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing
2093	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing
2094	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing
2095	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing
2096	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing
2097	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing
2098	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing
2099	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2075		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2076		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2077		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2078		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2079		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2080		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2081		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2082		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2083		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2084		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2085		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2086		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2087		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2088		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2089		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2090		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2091		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2092		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2093		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2094		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2095		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2096		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2097		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2098		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2099		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2075	1	#N/A	Redacted	ok	existing_generic	1	0
2076	1	#N/A	Redacted	ok	existing_generic	1	0
2077	1	#N/A	Redacted	ok	existing_generic	1	0
2078	1	#N/A	Redacted	ok	existing_generic	1	0
2079	1	#N/A	Redacted	ok	existing_generic	1	0
2080	1	#N/A	Redacted	ok	existing_generic	1	0
2081	1	#N/A	Redacted	ok	existing_generic	1	0
2082	1	#N/A	Redacted	ok	existing_generic	1	0
2083	1	#N/A	Redacted	ok	existing_generic	1	0
2084	1	#N/A	Redacted	ok	existing_generic	1	0
2085	1	#N/A	Redacted	ok	existing_generic	1	0
2086	1	#N/A	Redacted	ok	existing_generic	1	0
2087	1	#N/A	Redacted	ok	existing_generic	1	0
2088	1	#N/A	Redacted	ok	existing_generic	1	0
2089	1	#N/A	Redacted	ok	existing_generic	1	0
2090	1	#N/A	Redacted	ok	existing_generic	1	0
2091	1	#N/A	Redacted	ok	existing_generic	1	0
2092	1	#N/A	Redacted	ok	existing_generic	1	0
2093	1	#N/A	Redacted	ok	existing_generic	1	0
2094	1	#N/A	Redacted	ok	existing_generic	1	0
2095	1	#N/A	Redacted	ok	existing_generic	1	0
2096	1	#N/A	Redacted	ok	existing_generic	1	0
2097	1	#N/A	Redacted	ok	existing_generic	1	0
2098	1	#N/A	Redacted	ok	existing_generic	1	0
2099	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2075	Redacted	0	0	1	1	1	1	1	1	1	1
2076	Redacted	0	0	1	1	1	1	1	1	1	1
2077	Redacted	0	0	1	1	1	1	1	1	1	1
2078	Redacted	0	0	1	1	1	1	1	1	1	1
2079	Redacted	0	0	1	1	1	1	1	1	1	1
2080	Redacted	0	0	1	1	1	1	1	1	1	1
2081	Redacted	0	0	1	1	1	1	1	1	1	1
2082	Redacted	0	0	1	1	1	1	1	1	1	1
2083	Redacted	0	0	1	1	1	1	1	1	1	1
2084	Redacted	0	0	1	1	1	1	1	1	1	1
2085	Redacted	0	0	1	1	1	1	1	1	1	1
2086	Redacted	0	0	1	1	1	1	1	1	1	1
2087	Redacted	0	0	1	1	1	1	1	1	1	1
2088	Redacted	0	0	1	1	1	1	1	1	1	1
2089	Redacted	0	0	1	1	1	1	1	1	1	1
2090	Redacted	0	0	1	1	1	1	1	1	1	1
2091	Redacted	0	0	1	1	1	1	1	1	1	1
2092	Redacted	0	0	1	1	1	1	1	1	1	1
2093	Redacted	0	0	1	1	1	1	1	1	1	1
2094	Redacted	0	0	1	1	1	1	1	1	1	1
2095	Redacted	0	0	1	1	1	1	1	1	1	1
2096	Redacted	0	0	1	1	1	1	1	1	1	1
2097	Redacted	0	0	1	1	1	1	1	1	1	1
2098	Redacted	0	0	1	1	1	1	1	1	1	1
2099	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2100	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing
2101	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing
2102	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing
2103	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing
2104	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing
2105	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing
2106	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing
2107	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing
2108	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing
2109	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing
2110	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing
2111	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing
2112	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing
2113	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing
2114	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing
2115	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing
2116	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing
2117	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing
2118	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing
2119	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing
2120	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing
2121	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing
2122	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing
2123	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing
2124	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2100		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2101		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2102		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2103		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2104		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2105		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2106		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2107		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2108		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2109		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2110		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2111		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2112		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2113		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2114		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2115		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2116		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2117		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2118		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2119		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2120		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2121		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2122		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2123		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2124		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2100	1	#N/A	Redacted	ok	existing_generic	1	0
2101	1	#N/A	Redacted	ok	existing_generic	1	0
2102	1	#N/A	Redacted	ok	existing_generic	1	0
2103	1	#N/A	Redacted	ok	existing_generic	1	0
2104	1	#N/A	Redacted	ok	existing_generic	1	0
2105	1	#N/A	Redacted	ok	existing_generic	1	0
2106	1	#N/A	Redacted	ok	existing_generic	1	0
2107	1	#N/A	Redacted	ok	existing_generic	1	0
2108	1	#N/A	Redacted	ok	existing_generic	1	0
2109	1	#N/A	Redacted	ok	existing_generic	1	0
2110	1	#N/A	Redacted	ok	existing_generic	1	0
2111	1	#N/A	Redacted	ok	existing_generic	1	0
2112	1	#N/A	Redacted	ok	existing_generic	1	0
2113	1	#N/A	Redacted	ok	existing_generic	1	0
2114	1	#N/A	Redacted	ok	existing_generic	1	0
2115	1	#N/A	Redacted	ok	existing_generic	1	0
2116	1	#N/A	Redacted	ok	existing_generic	1	0
2117	1	#N/A	Redacted	ok	existing_generic	1	0
2118	1	#N/A	Redacted	ok	existing_generic	1	0
2119	1	#N/A	Redacted	ok	existing_generic	1	0
2120	1	#N/A	Redacted	ok	existing_generic	1	0
2121	1	#N/A	Redacted	ok	existing_generic	1	0
2122	1	#N/A	Redacted	ok	existing_generic	1	0
2123	1	#N/A	Redacted	ok	existing_generic	1	0
2124	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2100	Redacted	0	0	1	1	1	1	1	1	1	1
2101	Redacted	0	0	1	1	1	1	1	1	1	1
2102	Redacted	0	0	1	1	1	1	1	1	1	1
2103	Redacted	0	0	1	1	1	1	1	1	1	1
2104	Redacted	0	0	1	1	1	1	1	1	1	1
2105	Redacted	0	0	1	1	1	1	1	1	1	1
2106	Redacted	0	0	1	1	1	1	1	1	1	1
2107	Redacted	0	0	1	1	1	1	1	1	1	1
2108	Redacted	0	0	1	1	1	1	1	1	1	1
2109	Redacted	0	0	1	1	1	1	1	1	1	1
2110	Redacted	0	0	1	1	1	1	1	1	1	1
2111	Redacted	0	0	1	1	1	1	1	1	1	1
2112	Redacted	0	0	1	1	1	1	1	1	1	1
2113	Redacted	0	0	1	1	1	1	1	1	1	1
2114	Redacted	0	0	1	1	1	1	1	1	1	1
2115	Redacted	0	0	1	1	1	1	1	1	1	1
2116	Redacted	0	0	1	1	1	1	1	1	1	1
2117	Redacted	0	0	1	1	1	1	1	1	1	1
2118	Redacted	0	0	1	1	1	1	1	1	1	1
2119	Redacted	0	0	1	1	1	1	1	1	1	1
2120	Redacted	0	0	1	1	1	1	1	1	1	1
2121	Redacted	0	0	1	1	1	1	1	1	1	1
2122	Redacted	0	0	1	1	1	1	1	1	1	1
2123	Redacted	0	0	1	1	1	1	1	1	1	1
2124	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2125	LCE	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing
2126	LCE	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing
2127	LCE	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing
2128	LCE	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing
2129	LCE	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing
2130	LCE	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing
2131	LCE	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing
2132	LCE	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing
2133	LCE	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing
2134	LCE	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing
2135	LCE	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing
2136	LCE	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing
2137	LCE	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing
2138	LCE	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing
2139	LCE	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing
2140	LCE	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing
2141	LCE	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing
2142	LCE	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing
2143	LCE	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing
2144	LCE	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing
2145	LCE	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing
2146	LCE	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing
2147	LCE	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing
2148	LCE	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing
2149	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2125		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
2126		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2127		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
2128		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
2129		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
2130		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
2131		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
2132		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2133		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2134		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
2135		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
2136		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2137		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
2138		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2139		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
2140		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
2141		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
2142		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
2143		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
2144		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2145		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2146		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
2147		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
2148		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2149		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2125	1	#N/A	Redacted	ok	existing_generic	1	0
2126	1	#N/A	Redacted	ok	existing_generic	1	0
2127	1	#N/A	Redacted	ok	existing_generic	1	0
2128	1	#N/A	Redacted	ok	existing_generic	1	0
2129	1	#N/A	Redacted	ok	existing_generic	1	0
2130	1	#N/A	Redacted	ok	existing_generic	1	0
2131	1	#N/A	Redacted	ok	existing_generic	1	0
2132	1	#N/A	Redacted	ok	existing_generic	1	0
2133	1	#N/A	Redacted	ok	existing_generic	1	0
2134	1	#N/A	Redacted	ok	existing_generic	1	0
2135	1	#N/A	Redacted	ok	existing_generic	1	0
2136	1	#N/A	Redacted	ok	existing_generic	1	0
2137	1	#N/A	Redacted	ok	existing_generic	1	0
2138	1	#N/A	Redacted	ok	existing_generic	1	0
2139	1	#N/A	Redacted	ok	existing_generic	1	0
2140	1	#N/A	Redacted	ok	existing_generic	1	0
2141	1	#N/A	Redacted	ok	existing_generic	1	0
2142	1	#N/A	Redacted	ok	existing_generic	1	0
2143	1	#N/A	Redacted	ok	existing_generic	1	0
2144	1	#N/A	Redacted	ok	existing_generic	1	0
2145	1	#N/A	Redacted	ok	existing_generic	1	0
2146	1	#N/A	Redacted	ok	existing_generic	1	0
2147	1	#N/A	Redacted	ok	existing_generic	1	0
2148	1	#N/A	Redacted	ok	existing_generic	1	0
2149	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2125	Redacted	1	118	1	1	1	1	1	1	1	1
2126	Redacted	0	0	1	1	1	1	1	1	1	1
2127	Redacted	0	0	1	1	1	1	1	1	1	1
2128	Redacted	0	0	1	1	1	1	1	1	1	1
2129	Redacted	0	0	1	1	1	1	1	1	1	1
2130	Redacted	0	0	1	1	1	1	1	1	1	1
2131	Redacted	0	0	1	1	1	1	1	1	1	1
2132	Redacted	0	0	1	1	1	1	1	1	1	1
2133	Redacted	0	0	1	1	1	1	1	1	1	1
2134	Redacted	0	0	1	1	1	1	1	1	1	1
2135	Redacted	0	0	1	1	1	1	1	1	1	1
2136	Redacted	0	0	1	1	1	1	1	1	1	1
2137	Redacted	0	0	1	1	1	1	1	1	1	1
2138	Redacted	0	0	1	1	1	1	1	1	1	1
2139	Redacted	0	0	1	1	1	1	1	1	1	1
2140	Redacted	0	0	1	1	1	1	1	1	1	1
2141	Redacted	0	0	1	1	1	1	1	1	1	1
2142	Redacted	0	0	1	1	1	1	1	1	1	1
2143	Redacted	0	0	1	1	1	1	1	1	1	1
2144	Redacted	0	0	1	1	1	1	1	1	1	1
2145	Redacted	0	0	1	1	1	1	1	1	1	1
2146	Redacted	0	0	1	1	1	1	1	1	1	1
2147	Redacted	0	0	1	1	1	1	1	1	1	1
2148	Redacted	0	0	1	1	1	1	1	1	1	1
2149	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2150	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing
2151	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing
2152	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing
2153	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing
2154	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing
2155	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing
2156	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing
2157	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing
2158	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing
2159	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing
2160	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing
2161	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing
2162	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing
2163	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing
2164	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing
2165	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing
2166	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing
2167	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing
2168	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing
2169	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing
2170	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing
2171	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing
2172	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing
2173	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing
2174	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2150		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2151		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
2152		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
2153		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
2154		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
2155		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
2156		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2157		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2158		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
2159		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
2160		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2161		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
2162		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2163		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
2164		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
2165		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
2166		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
2167		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
2168		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2169		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2170		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
2171		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
2172		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2173		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
2174		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2150	1	#N/A	Redacted	ok	existing_generic	1	0
2151	1	#N/A	Redacted	ok	existing_generic	1	0
2152	1	#N/A	Redacted	ok	existing_generic	1	0
2153	1	#N/A	Redacted	ok	existing_generic	1	0
2154	1	#N/A	Redacted	ok	existing_generic	1	0
2155	1	#N/A	Redacted	ok	existing_generic	1	0
2156	1	#N/A	Redacted	ok	existing_generic	1	0
2157	1	#N/A	Redacted	ok	existing_generic	1	0
2158	1	#N/A	Redacted	ok	existing_generic	1	0
2159	1	#N/A	Redacted	ok	existing_generic	1	0
2160	1	#N/A	Redacted	ok	existing_generic	1	0
2161	1	#N/A	Redacted	ok	existing_generic	1	0
2162	1	#N/A	Redacted	ok	existing_generic	1	0
2163	1	#N/A	Redacted	ok	existing_generic	1	0
2164	1	#N/A	Redacted	ok	existing_generic	1	0
2165	1	#N/A	Redacted	ok	existing_generic	1	0
2166	1	#N/A	Redacted	ok	existing_generic	1	0
2167	1	#N/A	Redacted	ok	existing_generic	1	0
2168	1	#N/A	Redacted	ok	existing_generic	1	0
2169	1	#N/A	Redacted	ok	existing_generic	1	0
2170	1	#N/A	Redacted	ok	existing_generic	1	0
2171	1	#N/A	Redacted	ok	existing_generic	1	0
2172	1	#N/A	Redacted	ok	existing_generic	1	0
2173	1	#N/A	Redacted	ok	existing_generic	1	0
2174	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2150	Redacted	0	0	1	1	1	1	1	1	1	1
2151	Redacted	0	0	1	1	1	1	1	1	1	1
2152	Redacted	0	0	1	1	1	1	1	1	1	1
2153	Redacted	0	0	1	1	1	1	1	1	1	1
2154	Redacted	0	0	1	1	1	1	1	1	1	1
2155	Redacted	0	0	1	1	1	1	1	1	1	1
2156	Redacted	0	0	1	1	1	1	1	1	1	1
2157	Redacted	0	0	1	1	1	1	1	1	1	1
2158	Redacted	0	0	1	1	1	1	1	1	1	1
2159	Redacted	0	0	1	1	1	1	1	1	1	1
2160	Redacted	0	0	1	1	1	1	1	1	1	1
2161	Redacted	0	0	1	1	1	1	1	1	1	1
2162	Redacted	0	0	1	1	1	1	1	1	1	1
2163	Redacted	0	0	1	1	1	1	1	1	1	1
2164	Redacted	0	0	1	1	1	1	1	1	1	1
2165	Redacted	0	0	1	1	1	1	1	1	1	1
2166	Redacted	0	0	1	1	1	1	1	1	1	1
2167	Redacted	0	0	1	1	1	1	1	1	1	1
2168	Redacted	0	0	1	1	1	1	1	1	1	1
2169	Redacted	0	0	1	1	1	1	1	1	1	1
2170	Redacted	0	0	1	1	1	1	1	1	1	1
2171	Redacted	0	0	1	1	1	1	1	1	1	1
2172	Redacted	0	0	1	1	1	1	1	1	1	1
2173	Redacted	0	0	1	1	1	1	1	1	1	1
2174	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2175	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing
2176	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing
2177	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing
2178	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing
2179	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing
2180	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing
2181	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing
2182	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing
2183	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing
2184	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing
2185	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing
2186	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing
2187	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing
2188	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing
2189	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing
2190	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing
2191	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing
2192	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing
2193	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing
2194	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing
2195	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing
2196	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing
2197	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing
2198	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing
2199	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2175		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
2176		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
2177		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
2178		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
2179		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
2180		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2181		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2182		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
2183		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
2184		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2185		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
2186		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2187		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
2188		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
2189		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
2190		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
2191		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
2192		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2193		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2194		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
2195		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
2196		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2197		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
2198		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2199		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2175	1	#N/A	Redacted	ok	existing_generic	1	0
2176	1	#N/A	Redacted	ok	existing_generic	1	0
2177	1	#N/A	Redacted	ok	existing_generic	1	0
2178	1	#N/A	Redacted	ok	existing_generic	1	0
2179	1	#N/A	Redacted	ok	existing_generic	1	0
2180	1	#N/A	Redacted	ok	existing_generic	1	0
2181	1	#N/A	Redacted	ok	existing_generic	1	0
2182	1	#N/A	Redacted	ok	existing_generic	1	0
2183	1	#N/A	Redacted	ok	existing_generic	1	0
2184	1	#N/A	Redacted	ok	existing_generic	1	0
2185	1	#N/A	Redacted	ok	existing_generic	1	0
2186	1	#N/A	Redacted	ok	existing_generic	1	0
2187	1	#N/A	Redacted	ok	existing_generic	1	0
2188	1	#N/A	Redacted	ok	existing_generic	1	0
2189	1	#N/A	Redacted	ok	existing_generic	1	0
2190	1	#N/A	Redacted	ok	existing_generic	1	0
2191	1	#N/A	Redacted	ok	existing_generic	1	0
2192	1	#N/A	Redacted	ok	existing_generic	1	0
2193	1	#N/A	Redacted	ok	existing_generic	1	0
2194	1	#N/A	Redacted	ok	existing_generic	1	0
2195	1	#N/A	Redacted	ok	existing_generic	1	0
2196	1	#N/A	Redacted	ok	existing_generic	1	0
2197	1	#N/A	Redacted	ok	existing_generic	1	0
2198	1	#N/A	Redacted	ok	existing_generic	1	0
2199	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2175	Redacted	0	0	1	1	1	1	1	1	1	1
2176	Redacted	0	0	1	1	1	1	1	1	1	1
2177	Redacted	0	0	1	1	1	1	1	1	1	1
2178	Redacted	0	0	1	1	1	1	1	1	1	1
2179	Redacted	0	0	1	1	1	1	1	1	1	1
2180	Redacted	0	0	1	1	1	1	1	1	1	1
2181	Redacted	0	0	1	1	1	1	1	1	1	1
2182	Redacted	0	0	1	1	1	1	1	1	1	1
2183	Redacted	0	0	1	1	1	1	1	1	1	1
2184	Redacted	0	0	1	1	1	1	1	1	1	1
2185	Redacted	0	0	1	1	1	1	1	1	1	1
2186	Redacted	0	0	1	1	1	1	1	1	1	1
2187	Redacted	0	0	1	1	1	1	1	1	1	1
2188	Redacted	0	0	1	1	1	1	1	1	1	1
2189	Redacted	0	0	1	1	1	1	1	1	1	1
2190	Redacted	0	0	1	1	1	1	1	1	1	1
2191	Redacted	0	0	1	1	1	1	1	1	1	1
2192	Redacted	0	0	1	1	1	1	1	1	1	1
2193	Redacted	0	0	1	1	1	1	1	1	1	1
2194	Redacted	0	0	1	1	1	1	1	1	1	1
2195	Redacted	0	0	1	1	1	1	1	1	1	1
2196	Redacted	0	0	1	1	1	1	1	1	1	1
2197	Redacted	0	0	1	1	1	1	1	1	1	1
2198	Redacted	0	0	1	1	1	1	1	1	1	1
2199	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2200	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing
2201	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing
2202	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing
2203	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing
2204	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing
2205	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing
2206	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing
2207	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing
2208	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing
2209	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing
2210	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing
2211	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing
2212	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing
2213	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing
2214	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing
2215	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing
2216	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing
2217	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing
2218	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing
2219	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing
2220	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing
2221	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing
2222	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing
2223	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing
2224	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2200		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
2201		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
2202		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
2203		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
2204		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2205		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2206		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
2207		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
2208		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2209		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
2210		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2211		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
2212		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
2213		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
2214		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
2215		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
2216		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2217		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2218		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
2219		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
2220		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2221		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
2222		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2223		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
2224		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2200	1	#N/A	Redacted	ok	existing_generic	1	0
2201	1	#N/A	Redacted	ok	existing_generic	1	0
2202	1	#N/A	Redacted	ok	existing_generic	1	0
2203	1	#N/A	Redacted	ok	existing_generic	1	0
2204	1	#N/A	Redacted	ok	existing_generic	1	0
2205	1	#N/A	Redacted	ok	existing_generic	1	0
2206	1	#N/A	Redacted	ok	existing_generic	1	0
2207	1	#N/A	Redacted	ok	existing_generic	1	0
2208	1	#N/A	Redacted	ok	existing_generic	1	0
2209	1	#N/A	Redacted	ok	existing_generic	1	0
2210	1	#N/A	Redacted	ok	existing_generic	1	0
2211	1	#N/A	Redacted	ok	existing_generic	1	0
2212	1	#N/A	Redacted	ok	existing_generic	1	0
2213	1	#N/A	Redacted	ok	existing_generic	1	0
2214	1	#N/A	Redacted	ok	existing_generic	1	0
2215	1	#N/A	Redacted	ok	existing_generic	1	0
2216	1	#N/A	Redacted	ok	existing_generic	1	0
2217	1	#N/A	Redacted	ok	existing_generic	1	0
2218	1	#N/A	Redacted	ok	existing_generic	1	0
2219	1	#N/A	Redacted	ok	existing_generic	1	0
2220	1	#N/A	Redacted	ok	existing_generic	1	0
2221	1	#N/A	Redacted	ok	existing_generic	1	0
2222	1	#N/A	Redacted	ok	existing_generic	1	0
2223	1	#N/A	Redacted	ok	existing_generic	1	0
2224	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2200	Redacted	0	0	1	1	1	1	1	1	1	1
2201	Redacted	0	0	1	1	1	1	1	1	1	1
2202	Redacted	0	0	1	1	1	1	1	1	1	1
2203	Redacted	0	0	1	1	1	1	1	1	1	1
2204	Redacted	0	0	1	1	1	1	1	1	1	1
2205	Redacted	0	0	1	1	1	1	1	1	1	1
2206	Redacted	0	0	1	1	1	1	1	1	1	1
2207	Redacted	0	0	1	1	1	1	1	1	1	1
2208	Redacted	0	0	1	1	1	1	1	1	1	1
2209	Redacted	0	0	1	1	1	1	1	1	1	1
2210	Redacted	0	0	1	1	1	1	1	1	1	1
2211	Redacted	0	0	1	1	1	1	1	1	1	1
2212	Redacted	0	0	1	1	1	1	1	1	1	1
2213	Redacted	0	0	1	1	1	1	1	1	1	1
2214	Redacted	0	0	1	1	1	1	1	1	1	1
2215	Redacted	0	0	1	1	1	1	1	1	1	1
2216	Redacted	0	0	1	1	1	1	1	1	1	1
2217	Redacted	0	0	1	1	1	1	1	1	1	1
2218	Redacted	0	0	1	1	1	1	1	1	1	1
2219	Redacted	0	0	1	1	1	1	1	1	1	1
2220	Redacted	0	0	1	1	1	1	1	1	1	1
2221	Redacted	0	0	1	1	1	1	1	1	1	1
2222	Redacted	0	0	1	1	1	1	1	1	1	1
2223	Redacted	0	0	1	1	1	1	1	1	1	1
2224	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2225	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing
2226	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing
2227	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing
2228	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing
2229	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing
2230	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing
2231	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing
2232	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing
2233	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing
2234	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing
2235	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing
2236	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing
2237	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing
2238	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing
2239	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing
2240	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing
2241	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing
2242	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing
2243	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing
2244	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing
2245	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing
2246	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing
2247	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing
2248	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing
2249	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2225		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
2226		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
2227		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
2228		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2229		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2230		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
2231		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
2232		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2233		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.82
2234		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2235		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.84
2236		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.76
2237		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.83
2238		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.89
2239		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.87
2240		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2241		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.9
2242		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.81
2243		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.85
2244		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.86
2245		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2246		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2247		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2248		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2249		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2225	1	#N/A	Redacted	ok	existing_generic	1	0
2226	1	#N/A	Redacted	ok	existing_generic	1	0
2227	1	#N/A	Redacted	ok	existing_generic	1	0
2228	1	#N/A	Redacted	ok	existing_generic	1	0
2229	1	#N/A	Redacted	ok	existing_generic	1	0
2230	1	#N/A	Redacted	ok	existing_generic	1	0
2231	1	#N/A	Redacted	ok	existing_generic	1	0
2232	1	#N/A	Redacted	ok	existing_generic	1	0
2233	1	#N/A	Redacted	ok	existing_generic	1	0
2234	1	#N/A	Redacted	ok	existing_generic	1	0
2235	1	#N/A	Redacted	ok	existing_generic	1	0
2236	1	#N/A	Redacted	ok	existing_generic	1	0
2237	1	#N/A	Redacted	ok	existing_generic	1	0
2238	1	#N/A	Redacted	ok	existing_generic	1	0
2239	1	#N/A	Redacted	ok	existing_generic	1	0
2240	1	#N/A	Redacted	ok	existing_generic	1	0
2241	1	#N/A	Redacted	ok	existing_generic	1	0
2242	1	#N/A	Redacted	ok	existing_generic	1	0
2243	1	#N/A	Redacted	ok	existing_generic	1	0
2244	1	#N/A	Redacted	ok	existing_generic	1	0
2245	1	#N/A	Redacted	ok	existing_generic	1	0
2246	1	#N/A	Redacted	ok	existing_generic	1	0
2247	1	#N/A	Redacted	ok	existing_generic	1	0
2248	1	#N/A	Redacted	ok	existing_generic	1	0
2249	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2225	Redacted	0	0	1	1	1	1	1	1	1	1
2226	Redacted	0	0	1	1	1	1	1	1	1	1
2227	Redacted	0	0	1	1	1	1	1	1	1	1
2228	Redacted	0	0	1	1	1	1	1	1	1	1
2229	Redacted	0	0	1	1	1	1	1	1	1	1
2230	Redacted	0	0	1	1	1	1	1	1	1	1
2231	Redacted	0	0	1	1	1	1	1	1	1	1
2232	Redacted	0	0	1	1	1	1	1	1	1	1
2233	Redacted	0	0	1	1	1	1	1	1	1	1
2234	Redacted	0	0	1	1	1	1	1	1	1	1
2235	Redacted	0	0	1	1	1	1	1	1	1	1
2236	Redacted	0	0	1	1	1	1	1	1	1	1
2237	Redacted	0	0	1	1	1	1	1	1	1	1
2238	Redacted	0	0	1	1	1	1	1	1	1	1
2239	Redacted	0	0	1	1	1	1	1	1	1	1
2240	Redacted	0	0	1	1	1	1	1	1	1	1
2241	Redacted	0	0	1	1	1	1	1	1	1	1
2242	Redacted	0	0	1	1	1	1	1	1	1	1
2243	Redacted	0	0	1	1	1	1	1	1	1	1
2244	Redacted	0	0	1	1	1	1	1	1	1	1
2245	Redacted	1	119	1	1	1	1	1	1	1	1
2246	Redacted	0	0	1	1	1	1	1	1	1	1
2247	Redacted	0	0	1	1	1	1	1	1	1	1
2248	Redacted	0	0	1	1	1	1	1	1	1	1
2249	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2250	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing
2251	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing
2252	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing
2253	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing
2254	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing
2255	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing
2256	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing
2257	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing
2258	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing
2259	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing
2260	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing
2261	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing
2262	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing
2263	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing
2264	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing
2265	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing
2266	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing
2267	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing
2268	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing
2269	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing
2270	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing
2271	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing
2272	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing
2273	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing
2274	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2250		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2251		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2252		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2253		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2254		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2255		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2256		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2257		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2258		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2259		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2260		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2261		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2262		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2263		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2264		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2265		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2266		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2267		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2268		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2269		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2270		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2271		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2272		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2273		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2274		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2250	1	#N/A	Redacted	ok	existing_generic	1	0
2251	1	#N/A	Redacted	ok	existing_generic	1	0
2252	1	#N/A	Redacted	ok	existing_generic	1	0
2253	1	#N/A	Redacted	ok	existing_generic	1	0
2254	1	#N/A	Redacted	ok	existing_generic	1	0
2255	1	#N/A	Redacted	ok	existing_generic	1	0
2256	1	#N/A	Redacted	ok	existing_generic	1	0
2257	1	#N/A	Redacted	ok	existing_generic	1	0
2258	1	#N/A	Redacted	ok	existing_generic	1	0
2259	1	#N/A	Redacted	ok	existing_generic	1	0
2260	1	#N/A	Redacted	ok	existing_generic	1	0
2261	1	#N/A	Redacted	ok	existing_generic	1	0
2262	1	#N/A	Redacted	ok	existing_generic	1	0
2263	1	#N/A	Redacted	ok	existing_generic	1	0
2264	1	#N/A	Redacted	ok	existing_generic	1	0
2265	1	#N/A	Redacted	ok	existing_generic	1	0
2266	1	#N/A	Redacted	ok	existing_generic	1	0
2267	1	#N/A	Redacted	ok	existing_generic	1	0
2268	1	#N/A	Redacted	ok	existing_generic	1	0
2269	1	#N/A	Redacted	ok	existing_generic	1	0
2270	1	#N/A	Redacted	ok	existing_generic	1	0
2271	1	#N/A	Redacted	ok	existing_generic	1	0
2272	1	#N/A	Redacted	ok	existing_generic	1	0
2273	1	#N/A	Redacted	ok	existing_generic	1	0
2274	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2250	Redacted	0	0	1	1	1	1	1	1	1	1
2251	Redacted	0	0	1	1	1	1	1	1	1	1
2252	Redacted	0	0	1	1	1	1	1	1	1	1
2253	Redacted	0	0	1	1	1	1	1	1	1	1
2254	Redacted	0	0	1	1	1	1	1	1	1	1
2255	Redacted	0	0	1	1	1	1	1	1	1	1
2256	Redacted	0	0	1	1	1	1	1	1	1	1
2257	Redacted	0	0	1	1	1	1	1	1	1	1
2258	Redacted	0	0	1	1	1	1	1	1	1	1
2259	Redacted	0	0	1	1	1	1	1	1	1	1
2260	Redacted	0	0	1	1	1	1	1	1	1	1
2261	Redacted	0	0	1	1	1	1	1	1	1	1
2262	Redacted	0	0	1	1	1	1	1	1	1	1
2263	Redacted	0	0	1	1	1	1	1	1	1	1
2264	Redacted	0	0	1	1	1	1	1	1	1	1
2265	Redacted	0	0	1	1	1	1	1	1	1	1
2266	Redacted	0	0	1	1	1	1	1	1	1	1
2267	Redacted	0	0	1	1	1	1	1	1	1	1
2268	Redacted	0	0	1	1	1	1	1	1	1	1
2269	Redacted	0	0	1	1	1	1	1	1	1	1
2270	Redacted	0	0	1	1	1	1	1	1	1	1
2271	Redacted	0	0	1	1	1	1	1	1	1	1
2272	Redacted	0	0	1	1	1	1	1	1	1	1
2273	Redacted	0	0	1	1	1	1	1	1	1	1
2274	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2275	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing
2276	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing
2277	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing
2278	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing
2279	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing
2280	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing
2281	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing
2282	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing
2283	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing
2284	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing
2285	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing
2286	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing
2287	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing
2288	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing
2289	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing
2290	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing
2291	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing
2292	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing
2293	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing
2294	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing
2295	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing
2296	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing
2297	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing
2298	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing
2299	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2275		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2276		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2277		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2278		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2279		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2280		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2281		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2282		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2283		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2284		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2285		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2286		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2287		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2288		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2289		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2290		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2291		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2292		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2293		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2294		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2295		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2296		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2297		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2298		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2299		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2275	1	#N/A	Redacted	ok	existing_generic	1	0
2276	1	#N/A	Redacted	ok	existing_generic	1	0
2277	1	#N/A	Redacted	ok	existing_generic	1	0
2278	1	#N/A	Redacted	ok	existing_generic	1	0
2279	1	#N/A	Redacted	ok	existing_generic	1	0
2280	1	#N/A	Redacted	ok	existing_generic	1	0
2281	1	#N/A	Redacted	ok	existing_generic	1	0
2282	1	#N/A	Redacted	ok	existing_generic	1	0
2283	1	#N/A	Redacted	ok	existing_generic	1	0
2284	1	#N/A	Redacted	ok	existing_generic	1	0
2285	1	#N/A	Redacted	ok	existing_generic	1	0
2286	1	#N/A	Redacted	ok	existing_generic	1	0
2287	1	#N/A	Redacted	ok	existing_generic	1	0
2288	1	#N/A	Redacted	ok	existing_generic	1	0
2289	1	#N/A	Redacted	ok	existing_generic	1	0
2290	1	#N/A	Redacted	ok	existing_generic	1	0
2291	1	#N/A	Redacted	ok	existing_generic	1	0
2292	1	#N/A	Redacted	ok	existing_generic	1	0
2293	1	#N/A	Redacted	ok	existing_generic	1	0
2294	1	#N/A	Redacted	ok	existing_generic	1	0
2295	1	#N/A	Redacted	ok	existing_generic	1	0
2296	1	#N/A	Redacted	ok	existing_generic	1	0
2297	1	#N/A	Redacted	ok	existing_generic	1	0
2298	1	#N/A	Redacted	ok	existing_generic	1	0
2299	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2275	Redacted	0	0	1	1	1	1	1	1	1	1
2276	Redacted	0	0	1	1	1	1	1	1	1	1
2277	Redacted	0	0	1	1	1	1	1	1	1	1
2278	Redacted	0	0	1	1	1	1	1	1	1	1
2279	Redacted	0	0	1	1	1	1	1	1	1	1
2280	Redacted	0	0	1	1	1	1	1	1	1	1
2281	Redacted	0	0	1	1	1	1	1	1	1	1
2282	Redacted	0	0	1	1	1	1	1	1	1	1
2283	Redacted	0	0	1	1	1	1	1	1	1	1
2284	Redacted	0	0	1	1	1	1	1	1	1	1
2285	Redacted	0	0	1	1	1	1	1	1	1	1
2286	Redacted	0	0	1	1	1	1	1	1	1	1
2287	Redacted	0	0	1	1	1	1	1	1	1	1
2288	Redacted	0	0	1	1	1	1	1	1	1	1
2289	Redacted	0	0	1	1	1	1	1	1	1	1
2290	Redacted	0	0	1	1	1	1	1	1	1	1
2291	Redacted	0	0	1	1	1	1	1	1	1	1
2292	Redacted	0	0	1	1	1	1	1	1	1	1
2293	Redacted	0	0	1	1	1	1	1	1	1	1
2294	Redacted	0	0	1	1	1	1	1	1	1	1
2295	Redacted	0	0	1	1	1	1	1	1	1	1
2296	Redacted	0	0	1	1	1	1	1	1	1	1
2297	Redacted	0	0	1	1	1	1	1	1	1	1
2298	Redacted	0	0	1	1	1	1	1	1	1	1
2299	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2300	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing
2301	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing
2302	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing
2303	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing
2304	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing
2305	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing
2306	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing
2307	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing
2308	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing
2309	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing
2310	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing
2311	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing
2312	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing
2313	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing
2314	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing
2315	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing
2316	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing
2317	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing
2318	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing
2319	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing
2320	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing
2321	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing
2322	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing
2323	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing
2324	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2300		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2301		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2302		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2303		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2304		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2305		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2306		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2307		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2308		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2309		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2310		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2311		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2312		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2313		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2314		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2315		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2316		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2317		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2318		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2319		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2320		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2321		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2322		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2323		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2324		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2300	1	#N/A	Redacted	ok	existing_generic	1	0
2301	1	#N/A	Redacted	ok	existing_generic	1	0
2302	1	#N/A	Redacted	ok	existing_generic	1	0
2303	1	#N/A	Redacted	ok	existing_generic	1	0
2304	1	#N/A	Redacted	ok	existing_generic	1	0
2305	1	#N/A	Redacted	ok	existing_generic	1	0
2306	1	#N/A	Redacted	ok	existing_generic	1	0
2307	1	#N/A	Redacted	ok	existing_generic	1	0
2308	1	#N/A	Redacted	ok	existing_generic	1	0
2309	1	#N/A	Redacted	ok	existing_generic	1	0
2310	1	#N/A	Redacted	ok	existing_generic	1	0
2311	1	#N/A	Redacted	ok	existing_generic	1	0
2312	1	#N/A	Redacted	ok	existing_generic	1	0
2313	1	#N/A	Redacted	ok	existing_generic	1	0
2314	1	#N/A	Redacted	ok	existing_generic	1	0
2315	1	#N/A	Redacted	ok	existing_generic	1	0
2316	1	#N/A	Redacted	ok	existing_generic	1	0
2317	1	#N/A	Redacted	ok	existing_generic	1	0
2318	1	#N/A	Redacted	ok	existing_generic	1	0
2319	1	#N/A	Redacted	ok	existing_generic	1	0
2320	1	#N/A	Redacted	ok	existing_generic	1	0
2321	1	#N/A	Redacted	ok	existing_generic	1	0
2322	1	#N/A	Redacted	ok	existing_generic	1	0
2323	1	#N/A	Redacted	ok	existing_generic	1	0
2324	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2300	Redacted	0	0	1	1	1	1	1	1	1	1
2301	Redacted	0	0	1	1	1	1	1	1	1	1
2302	Redacted	0	0	1	1	1	1	1	1	1	1
2303	Redacted	0	0	1	1	1	1	1	1	1	1
2304	Redacted	0	0	1	1	1	1	1	1	1	1
2305	Redacted	0	0	1	1	1	1	1	1	1	1
2306	Redacted	0	0	1	1	1	1	1	1	1	1
2307	Redacted	0	0	1	1	1	1	1	1	1	1
2308	Redacted	0	0	1	1	1	1	1	1	1	1
2309	Redacted	0	0	1	1	1	1	1	1	1	1
2310	Redacted	0	0	1	1	1	1	1	1	1	1
2311	Redacted	0	0	1	1	1	1	1	1	1	1
2312	Redacted	0	0	1	1	1	1	1	1	1	1
2313	Redacted	0	0	1	1	1	1	1	1	1	1
2314	Redacted	0	0	1	1	1	1	1	1	1	1
2315	Redacted	0	0	1	1	1	1	1	1	1	1
2316	Redacted	0	0	1	1	1	1	1	1	1	1
2317	Redacted	0	0	1	1	1	1	1	1	1	1
2318	Redacted	0	0	1	1	1	1	1	1	1	1
2319	Redacted	0	0	1	1	1	1	1	1	1	1
2320	Redacted	0	0	1	1	1	1	1	1	1	1
2321	Redacted	0	0	1	1	1	1	1	1	1	1
2322	Redacted	0	0	1	1	1	1	1	1	1	1
2323	Redacted	0	0	1	1	1	1	1	1	1	1
2324	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2325	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing
2326	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing
2327	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing
2328	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing
2329	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing
2330	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing
2331	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing
2332	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing
2333	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing
2334	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing
2335	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing
2336	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing
2337	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing
2338	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing
2339	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing
2340	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing
2341	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing
2342	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing
2343	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing
2344	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing
2345	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing
2346	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing
2347	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing
2348	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing
2349	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2325		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2326		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2327		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2328		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2329		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2330		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2331		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2332		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2333		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2334		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2335		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2336		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2337		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2338		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2339		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2340		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2341		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2342		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2343		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2344		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2345		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2346		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2347		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2348		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2349		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2325	1	#N/A	Redacted	ok	existing_generic	1	0
2326	1	#N/A	Redacted	ok	existing_generic	1	0
2327	1	#N/A	Redacted	ok	existing_generic	1	0
2328	1	#N/A	Redacted	ok	existing_generic	1	0
2329	1	#N/A	Redacted	ok	existing_generic	1	0
2330	1	#N/A	Redacted	ok	existing_generic	1	0
2331	1	#N/A	Redacted	ok	existing_generic	1	0
2332	1	#N/A	Redacted	ok	existing_generic	1	0
2333	1	#N/A	Redacted	ok	existing_generic	1	0
2334	1	#N/A	Redacted	ok	existing_generic	1	0
2335	1	#N/A	Redacted	ok	existing_generic	1	0
2336	1	#N/A	Redacted	ok	existing_generic	1	0
2337	1	#N/A	Redacted	ok	existing_generic	1	0
2338	1	#N/A	Redacted	ok	existing_generic	1	0
2339	1	#N/A	Redacted	ok	existing_generic	1	0
2340	1	#N/A	Redacted	ok	existing_generic	1	0
2341	1	#N/A	Redacted	ok	existing_generic	1	0
2342	1	#N/A	Redacted	ok	existing_generic	1	0
2343	1	#N/A	Redacted	ok	existing_generic	1	0
2344	1	#N/A	Redacted	ok	existing_generic	1	0
2345	1	#N/A	Redacted	ok	existing_generic	1	0
2346	1	#N/A	Redacted	ok	existing_generic	1	0
2347	1	#N/A	Redacted	ok	existing_generic	1	0
2348	1	#N/A	Redacted	ok	existing_generic	1	0
2349	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2325	Redacted	0	0	1	1	1	1	1	1	1	1
2326	Redacted	0	0	1	1	1	1	1	1	1	1
2327	Redacted	0	0	1	1	1	1	1	1	1	1
2328	Redacted	0	0	1	1	1	1	1	1	1	1
2329	Redacted	0	0	1	1	1	1	1	1	1	1
2330	Redacted	0	0	1	1	1	1	1	1	1	1
2331	Redacted	0	0	1	1	1	1	1	1	1	1
2332	Redacted	0	0	1	1	1	1	1	1	1	1
2333	Redacted	0	0	1	1	1	1	1	1	1	1
2334	Redacted	0	0	1	1	1	1	1	1	1	1
2335	Redacted	0	0	1	1	1	1	1	1	1	1
2336	Redacted	0	0	1	1	1	1	1	1	1	1
2337	Redacted	0	0	1	1	1	1	1	1	1	1
2338	Redacted	0	0	1	1	1	1	1	1	1	1
2339	Redacted	0	0	1	1	1	1	1	1	1	1
2340	Redacted	0	0	1	1	1	1	1	1	1	1
2341	Redacted	1	120	1	1	1	1	1	1	1	1
2342	Redacted	0	0	1	1	1	1	1	1	1	1
2343	Redacted	0	0	1	1	1	1	1	1	1	1
2344	Redacted	0	0	1	1	1	1	1	1	1	1
2345	Redacted	0	0	1	1	1	1	1	1	1	1
2346	Redacted	0	0	1	1	1	1	1	1	1	1
2347	Redacted	0	0	1	1	1	1	1	1	1	1
2348	Redacted	0	0	1	1	1	1	1	1	1	1
2349	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2350	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing
2351	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing
2352	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing
2353	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing
2354	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing
2355	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing
2356	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing
2357	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing
2358	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing
2359	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing
2360	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing
2361	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing
2362	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing
2363	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing
2364	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing
2365	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing
2366	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing
2367	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing
2368	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing
2369	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing
2370	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing
2371	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing
2372	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing
2373	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing
2374	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2350		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2351		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2352		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2353		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2354		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2355		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2356		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2357		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2358		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2359		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2360		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2361		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2362		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2363		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2364		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2365		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2366		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2367		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2368		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2369		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2370		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2371		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2372		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2373		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2374		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2350	1	#N/A	Redacted	ok	existing_generic	1	0
2351	1	#N/A	Redacted	ok	existing_generic	1	0
2352	1	#N/A	Redacted	ok	existing_generic	1	0
2353	1	#N/A	Redacted	ok	existing_generic	1	0
2354	1	#N/A	Redacted	ok	existing_generic	1	0
2355	1	#N/A	Redacted	ok	existing_generic	1	0
2356	1	#N/A	Redacted	ok	existing_generic	1	0
2357	1	#N/A	Redacted	ok	existing_generic	1	0
2358	1	#N/A	Redacted	ok	existing_generic	1	0
2359	1	#N/A	Redacted	ok	existing_generic	1	0
2360	1	#N/A	Redacted	ok	existing_generic	1	0
2361	1	#N/A	Redacted	ok	existing_generic	1	0
2362	1	#N/A	Redacted	ok	existing_generic	1	0
2363	1	#N/A	Redacted	ok	existing_generic	1	0
2364	1	#N/A	Redacted	ok	existing_generic	1	0
2365	1	#N/A	Redacted	ok	existing_generic	1	0
2366	1	#N/A	Redacted	ok	existing_generic	1	0
2367	1	#N/A	Redacted	ok	existing_generic	1	0
2368	1	#N/A	Redacted	ok	existing_generic	1	0
2369	1	#N/A	Redacted	ok	existing_generic	1	0
2370	1	#N/A	Redacted	ok	existing_generic	1	0
2371	1	#N/A	Redacted	ok	existing_generic	1	0
2372	1	#N/A	Redacted	ok	existing_generic	1	0
2373	1	#N/A	Redacted	ok	existing_generic	1	0
2374	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2350	Redacted	0	0	1	1	1	1	1	1	1	1
2351	Redacted	0	0	1	1	1	1	1	1	1	1
2352	Redacted	0	0	1	1	1	1	1	1	1	1
2353	Redacted	0	0	1	1	1	1	1	1	1	1
2354	Redacted	0	0	1	1	1	1	1	1	1	1
2355	Redacted	0	0	1	1	1	1	1	1	1	1
2356	Redacted	0	0	1	1	1	1	1	1	1	1
2357	Redacted	0	0	1	1	1	1	1	1	1	1
2358	Redacted	0	0	1	1	1	1	1	1	1	1
2359	Redacted	0	0	1	1	1	1	1	1	1	1
2360	Redacted	0	0	1	1	1	1	1	1	1	1
2361	Redacted	0	0	1	1	1	1	1	1	1	1
2362	Redacted	0	0	1	1	1	1	1	1	1	1
2363	Redacted	0	0	1	1	1	1	1	1	1	1
2364	Redacted	0	0	1	1	1	1	1	1	1	1
2365	Redacted	0	0	1	1	1	1	1	1	1	1
2366	Redacted	0	0	1	1	1	1	1	1	1	1
2367	Redacted	0	0	1	1	1	1	1	1	1	1
2368	Redacted	0	0	1	1	1	1	1	1	1	1
2369	Redacted	0	0	1	1	1	1	1	1	1	1
2370	Redacted	0	0	1	1	1	1	1	1	1	1
2371	Redacted	0	0	1	1	1	1	1	1	1	1
2372	Redacted	0	0	1	1	1	1	1	1	1	1
2373	Redacted	0	0	1	1	1	1	1	1	1	1
2374	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2375	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing
2376	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing
2377	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing
2378	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing
2379	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing
2380	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing
2381	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing
2382	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing
2383	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing
2384	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing
2385	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing
2386	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing
2387	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing
2388	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing
2389	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing
2390	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing
2391	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing
2392	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing
2393	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing
2394	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing
2395	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing
2396	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing
2397	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing
2398	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing
2399	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2375		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2376		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2377		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2378		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2379		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2380		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2381		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2382		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2383		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2384		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2385		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2386		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2387		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2388		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2389		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2390		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2391		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2392		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2393		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2394		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2395		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2396		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2397		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2398		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2399		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2375	1	#N/A	Redacted	ok	existing_generic	1	0
2376	1	#N/A	Redacted	ok	existing_generic	1	0
2377	1	#N/A	Redacted	ok	existing_generic	1	0
2378	1	#N/A	Redacted	ok	existing_generic	1	0
2379	1	#N/A	Redacted	ok	existing_generic	1	0
2380	1	#N/A	Redacted	ok	existing_generic	1	0
2381	1	#N/A	Redacted	ok	existing_generic	1	0
2382	1	#N/A	Redacted	ok	existing_generic	1	0
2383	1	#N/A	Redacted	ok	existing_generic	1	0
2384	1	#N/A	Redacted	ok	existing_generic	1	0
2385	1	#N/A	Redacted	ok	existing_generic	1	0
2386	1	#N/A	Redacted	ok	existing_generic	1	0
2387	1	#N/A	Redacted	ok	existing_generic	1	0
2388	1	#N/A	Redacted	ok	existing_generic	1	0
2389	1	#N/A	Redacted	ok	existing_generic	1	0
2390	1	#N/A	Redacted	ok	existing_generic	1	0
2391	1	#N/A	Redacted	ok	existing_generic	1	0
2392	1	#N/A	Redacted	ok	existing_generic	1	0
2393	1	#N/A	Redacted	ok	existing_generic	1	0
2394	1	#N/A	Redacted	ok	existing_generic	1	0
2395	1	#N/A	Redacted	ok	existing_generic	1	0
2396	1	#N/A	Redacted	ok	existing_generic	1	0
2397	1	#N/A	Redacted	ok	existing_generic	1	0
2398	1	#N/A	Redacted	ok	existing_generic	1	0
2399	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2375	Redacted	0	0	1	1	1	1	1	1	1	1
2376	Redacted	0	0	1	1	1	1	1	1	1	1
2377	Redacted	0	0	1	1	1	1	1	1	1	1
2378	Redacted	0	0	1	1	1	1	1	1	1	1
2379	Redacted	0	0	1	1	1	1	1	1	1	1
2380	Redacted	0	0	1	1	1	1	1	1	1	1
2381	Redacted	0	0	1	1	1	1	1	1	1	1
2382	Redacted	0	0	1	1	1	1	1	1	1	1
2383	Redacted	0	0	1	1	1	1	1	1	1	1
2384	Redacted	0	0	1	1	1	1	1	1	1	1
2385	Redacted	0	0	1	1	1	1	1	1	1	1
2386	Redacted	0	0	1	1	1	1	1	1	1	1
2387	Redacted	0	0	1	1	1	1	1	1	1	1
2388	Redacted	0	0	1	1	1	1	1	1	1	1
2389	Redacted	0	0	1	1	1	1	1	1	1	1
2390	Redacted	0	0	1	1	1	1	1	1	1	1
2391	Redacted	0	0	1	1	1	1	1	1	1	1
2392	Redacted	0	0	1	1	1	1	1	1	1	1
2393	Redacted	0	0	1	1	1	1	1	1	1	1
2394	Redacted	0	0	1	1	1	1	1	1	1	1
2395	Redacted	0	0	1	1	1	1	1	1	1	1
2396	Redacted	0	0	1	1	1	1	1	1	1	1
2397	Redacted	0	0	1	1	1	1	1	1	1	1
2398	Redacted	0	0	1	1	1	1	1	1	1	1
2399	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2400	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing
2401	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing
2402	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing
2403	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing
2404	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing
2405	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing
2406	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing
2407	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing
2408	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing
2409	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing
2410	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing
2411	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing
2412	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing
2413	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing
2414	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing
2415	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing
2416	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing
2417	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing
2418	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing
2419	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing
2420	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing
2421	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing
2422	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing
2423	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing
2424	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2400		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2401		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2402		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2403		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2404		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2405		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2406		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2407		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2408		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2409		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2410		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2411		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2412		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2413		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2414		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2415		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2416		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2417		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2418		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2419		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2420		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2421		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2422		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2423		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2424		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2400	1	#N/A	Redacted	ok	existing_generic	1	0
2401	1	#N/A	Redacted	ok	existing_generic	1	0
2402	1	#N/A	Redacted	ok	existing_generic	1	0
2403	1	#N/A	Redacted	ok	existing_generic	1	0
2404	1	#N/A	Redacted	ok	existing_generic	1	0
2405	1	#N/A	Redacted	ok	existing_generic	1	0
2406	1	#N/A	Redacted	ok	existing_generic	1	0
2407	1	#N/A	Redacted	ok	existing_generic	1	0
2408	1	#N/A	Redacted	ok	existing_generic	1	0
2409	1	#N/A	Redacted	ok	existing_generic	1	0
2410	1	#N/A	Redacted	ok	existing_generic	1	0
2411	1	#N/A	Redacted	ok	existing_generic	1	0
2412	1	#N/A	Redacted	ok	existing_generic	1	0
2413	1	#N/A	Redacted	ok	existing_generic	1	0
2414	1	#N/A	Redacted	ok	existing_generic	1	0
2415	1	#N/A	Redacted	ok	existing_generic	1	0
2416	1	#N/A	Redacted	ok	existing_generic	1	0
2417	1	#N/A	Redacted	ok	existing_generic	1	0
2418	1	#N/A	Redacted	ok	existing_generic	1	0
2419	1	#N/A	Redacted	ok	existing_generic	1	0
2420	1	#N/A	Redacted	ok	existing_generic	1	0
2421	1	#N/A	Redacted	ok	existing_generic	1	0
2422	1	#N/A	Redacted	ok	existing_generic	1	0
2423	1	#N/A	Redacted	ok	existing_generic	1	0
2424	1	#N/A	Redacted	ok	existing_generic	1	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2400	Redacted	0	0	1	1	1	1	1	1	1	1
2401	Redacted	0	0	1	1	1	1	1	1	1	1
2402	Redacted	0	0	1	1	1	1	1	1	1	1
2403	Redacted	0	0	1	1	1	1	1	1	1	1
2404	Redacted	0	0	1	1	1	1	1	1	1	1
2405	Redacted	0	0	1	1	1	1	1	1	1	1
2406	Redacted	0	0	1	1	1	1	1	1	1	1
2407	Redacted	0	0	1	1	1	1	1	1	1	1
2408	Redacted	0	0	1	1	1	1	1	1	1	1
2409	Redacted	0	0	1	1	1	1	1	1	1	1
2410	Redacted	0	0	1	1	1	1	1	1	1	1
2411	Redacted	0	0	1	1	1	1	1	1	1	1
2412	Redacted	0	0	1	1	1	1	1	1	1	1
2413	Redacted	0	0	1	1	1	1	1	1	1	1
2414	Redacted	0	0	1	1	1	1	1	1	1	1
2415	Redacted	0	0	1	1	1	1	1	1	1	1
2416	Redacted	0	0	1	1	1	1	1	1	1	1
2417	Redacted	0	0	1	1	1	1	1	1	1	1
2418	Redacted	0	0	1	1	1	1	1	1	1	1
2419	Redacted	0	0	1	1	1	1	1	1	1	1
2420	Redacted	0	0	1	1	1	1	1	1	1	1
2421	Redacted	0	0	1	1	1	1	1	1	1	1
2422	Redacted	0	0	1	1	1	1	1	1	1	1
2423	Redacted	0	0	1	1	1	1	1	1	1	1
2424	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2425	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing
2426	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing
2427	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing
2428	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing
2429	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing
2430	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing
2431	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing
2432	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing
2433	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing
2434	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing
2435	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing
2436	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing
2437	LCE	Redacted	Redacted	2026	1	Redacted		Redacted	planned_new
2438	LCE	Redacted	Redacted	2026	2	Redacted		Redacted	planned_new
2439	LCE	Redacted	Redacted	2026	3	Redacted		Redacted	planned_new
2440	LCE	Redacted	Redacted	2026	4	Redacted		Redacted	planned_new
2441	LCE	Redacted	Redacted	2026	5	Redacted		Redacted	planned_new
2442	LCE	Redacted	Redacted	2026	6	Redacted		Redacted	planned_new
2443	LCE	Redacted	Redacted	2026	7	Redacted		Redacted	planned_new
2444	LCE	Redacted	Redacted	2026	8	Redacted		Redacted	planned_new
2445	LCE	Redacted	Redacted	2026	9	Redacted		Redacted	planned_new
2446	LCE	Redacted	Redacted	2026	10	Redacted		Redacted	planned_new
2447	LCE	Redacted	Redacted	2026	11	Redacted		Redacted	planned_new
2448	LCE	Redacted	Redacted	2026	12	Redacted		Redacted	planned_new
2449	LCE	Redacted	Redacted	2027	1	Redacted		Redacted	planned_new

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2425		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.6
2426		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.7
2427		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2428		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2429		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.69
2430		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.74
2431		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.73
2432		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.72
2433		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.71
2434		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2435		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.56
2436		Redacted	Redacted	Redacted	1	Redacted	Redacted	0.64
2437	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2438	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2439	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2440	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2441	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2442	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2443	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2444	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2445	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2446	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2447	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2448	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2449	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2425	1	#N/A	Redacted	ok	existing_generic	1	0
2426	1	#N/A	Redacted	ok	existing_generic	1	0
2427	1	#N/A	Redacted	ok	existing_generic	1	0
2428	1	#N/A	Redacted	ok	existing_generic	1	0
2429	1	#N/A	Redacted	ok	existing_generic	1	0
2430	1	#N/A	Redacted	ok	existing_generic	1	0
2431	1	#N/A	Redacted	ok	existing_generic	1	0
2432	1	#N/A	Redacted	ok	existing_generic	1	0
2433	1	#N/A	Redacted	ok	existing_generic	1	0
2434	1	#N/A	Redacted	ok	existing_generic	1	0
2435	1	#N/A	Redacted	ok	existing_generic	1	0
2436	1	#N/A	Redacted	ok	existing_generic	1	0
2437	1	Redacted	Redacted	ok	new_resolve	0	1
2438	1	Redacted	Redacted	ok	new_resolve	0	1
2439	1	Redacted	Redacted	ok	new_resolve	0	1
2440	1	Redacted	Redacted	ok	new_resolve	0	1
2441	1	Redacted	Redacted	ok	new_resolve	0	1
2442	1	Redacted	Redacted	ok	new_resolve	0	1
2443	1	Redacted	Redacted	ok	new_resolve	0	1
2444	1	Redacted	Redacted	ok	new_resolve	0	1
2445	1	Redacted	Redacted	ok	new_resolve	0	1
2446	1	Redacted	Redacted	ok	new_resolve	0	1
2447	1	Redacted	Redacted	ok	new_resolve	0	1
2448	1	Redacted	Redacted	ok	new_resolve	0	1
2449	1	Redacted	Redacted	ok	new_resolve	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2425	Redacted	0	0	1	1	1	1	1	1	1	1
2426	Redacted	0	0	1	1	1	1	1	1	1	1
2427	Redacted	0	0	1	1	1	1	1	1	1	1
2428	Redacted	0	0	1	1	1	1	1	1	1	1
2429	Redacted	0	0	1	1	1	1	1	1	1	1
2430	Redacted	0	0	1	1	1	1	1	1	1	1
2431	Redacted	0	0	1	1	1	1	1	1	1	1
2432	Redacted	0	0	1	1	1	1	1	1	1	1
2433	Redacted	0	0	1	1	1	1	1	1	1	1
2434	Redacted	0	0	1	1	1	1	1	1	1	1
2435	Redacted	0	0	1	1	1	1	1	1	1	1
2436	Redacted	0	0	1	1	1	1	1	1	1	1
2437	Redacted	1	121	1	1	1	1	1	1	1	1
2438	Redacted	0	0	1	1	1	1	1	1	1	1
2439	Redacted	0	0	1	1	1	1	1	1	1	1
2440	Redacted	0	0	1	1	1	1	1	1	1	1
2441	Redacted	0	0	1	1	1	1	1	1	1	1
2442	Redacted	0	0	1	1	1	1	1	1	1	1
2443	Redacted	0	0	1	1	1	1	1	1	1	1
2444	Redacted	0	0	1	1	1	1	1	1	1	1
2445	Redacted	0	0	1	1	1	1	1	1	1	1
2446	Redacted	0	0	1	1	1	1	1	1	1	1
2447	Redacted	0	0	1	1	1	1	1	1	1	1
2448	Redacted	0	0	1	1	1	1	1	1	1	1
2449	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2450	LCE	Redacted	Redacted	2027	2	Redacted		Redacted	planned_new
2451	LCE	Redacted	Redacted	2027	3	Redacted		Redacted	planned_new
2452	LCE	Redacted	Redacted	2027	4	Redacted		Redacted	planned_new
2453	LCE	Redacted	Redacted	2027	5	Redacted		Redacted	planned_new
2454	LCE	Redacted	Redacted	2027	6	Redacted		Redacted	planned_new
2455	LCE	Redacted	Redacted	2027	7	Redacted		Redacted	planned_new
2456	LCE	Redacted	Redacted	2027	8	Redacted		Redacted	planned_new
2457	LCE	Redacted	Redacted	2027	9	Redacted		Redacted	planned_new
2458	LCE	Redacted	Redacted	2027	10	Redacted		Redacted	planned_new
2459	LCE	Redacted	Redacted	2027	11	Redacted		Redacted	planned_new
2460	LCE	Redacted	Redacted	2027	12	Redacted		Redacted	planned_new
2461	LCE	Redacted	Redacted	2028	1	Redacted		Redacted	planned_new
2462	LCE	Redacted	Redacted	2028	2	Redacted		Redacted	planned_new
2463	LCE	Redacted	Redacted	2028	3	Redacted		Redacted	planned_new
2464	LCE	Redacted	Redacted	2028	4	Redacted		Redacted	planned_new
2465	LCE	Redacted	Redacted	2028	5	Redacted		Redacted	planned_new
2466	LCE	Redacted	Redacted	2028	6	Redacted		Redacted	planned_new
2467	LCE	Redacted	Redacted	2028	7	Redacted		Redacted	planned_new
2468	LCE	Redacted	Redacted	2028	8	Redacted		Redacted	planned_new
2469	LCE	Redacted	Redacted	2028	9	Redacted		Redacted	planned_new
2470	LCE	Redacted	Redacted	2028	10	Redacted		Redacted	planned_new
2471	LCE	Redacted	Redacted	2028	11	Redacted		Redacted	planned_new
2472	LCE	Redacted	Redacted	2028	12	Redacted		Redacted	planned_new
2473	LCE	Redacted	Redacted	2029	1	Redacted		Redacted	planned_new
2474	LCE	Redacted	Redacted	2029	2	Redacted		Redacted	planned_new

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2450	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2451	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2452	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2453	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2454	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2455	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2456	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2457	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2458	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2459	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2460	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2461	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2462	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2463	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2464	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2465	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2466	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2467	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2468	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2469	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2470	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2471	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2472	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2473	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2474	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2450	1	Redacted	Redacted	ok	new_resolve	0	1
2451	1	Redacted	Redacted	ok	new_resolve	0	1
2452	1	Redacted	Redacted	ok	new_resolve	0	1
2453	1	Redacted	Redacted	ok	new_resolve	0	1
2454	1	Redacted	Redacted	ok	new_resolve	0	1
2455	1	Redacted	Redacted	ok	new_resolve	0	1
2456	1	Redacted	Redacted	ok	new_resolve	0	1
2457	1	Redacted	Redacted	ok	new_resolve	0	1
2458	1	Redacted	Redacted	ok	new_resolve	0	1
2459	1	Redacted	Redacted	ok	new_resolve	0	1
2460	1	Redacted	Redacted	ok	new_resolve	0	1
2461	1	Redacted	Redacted	ok	new_resolve	0	1
2462	1	Redacted	Redacted	ok	new_resolve	0	1
2463	1	Redacted	Redacted	ok	new_resolve	0	1
2464	1	Redacted	Redacted	ok	new_resolve	0	1
2465	1	Redacted	Redacted	ok	new_resolve	0	1
2466	1	Redacted	Redacted	ok	new_resolve	0	1
2467	1	Redacted	Redacted	ok	new_resolve	0	1
2468	1	Redacted	Redacted	ok	new_resolve	0	1
2469	1	Redacted	Redacted	ok	new_resolve	0	1
2470	1	Redacted	Redacted	ok	new_resolve	0	1
2471	1	Redacted	Redacted	ok	new_resolve	0	1
2472	1	Redacted	Redacted	ok	new_resolve	0	1
2473	1	Redacted	Redacted	ok	new_resolve	0	1
2474	1	Redacted	Redacted	ok	new_resolve	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2450	Redacted	0	0	1	1	1	1	1	1	1	1
2451	Redacted	0	0	1	1	1	1	1	1	1	1
2452	Redacted	0	0	1	1	1	1	1	1	1	1
2453	Redacted	0	0	1	1	1	1	1	1	1	1
2454	Redacted	0	0	1	1	1	1	1	1	1	1
2455	Redacted	0	0	1	1	1	1	1	1	1	1
2456	Redacted	0	0	1	1	1	1	1	1	1	1
2457	Redacted	0	0	1	1	1	1	1	1	1	1
2458	Redacted	0	0	1	1	1	1	1	1	1	1
2459	Redacted	0	0	1	1	1	1	1	1	1	1
2460	Redacted	0	0	1	1	1	1	1	1	1	1
2461	Redacted	0	0	1	1	1	1	1	1	1	1
2462	Redacted	0	0	1	1	1	1	1	1	1	1
2463	Redacted	0	0	1	1	1	1	1	1	1	1
2464	Redacted	0	0	1	1	1	1	1	1	1	1
2465	Redacted	0	0	1	1	1	1	1	1	1	1
2466	Redacted	0	0	1	1	1	1	1	1	1	1
2467	Redacted	0	0	1	1	1	1	1	1	1	1
2468	Redacted	0	0	1	1	1	1	1	1	1	1
2469	Redacted	0	0	1	1	1	1	1	1	1	1
2470	Redacted	0	0	1	1	1	1	1	1	1	1
2471	Redacted	0	0	1	1	1	1	1	1	1	1
2472	Redacted	0	0	1	1	1	1	1	1	1	1
2473	Redacted	0	0	1	1	1	1	1	1	1	1
2474	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2475	LCE	Redacted	Redacted	2029	3	Redacted		Redacted	planned_new
2476	LCE	Redacted	Redacted	2029	4	Redacted		Redacted	planned_new
2477	LCE	Redacted	Redacted	2029	5	Redacted		Redacted	planned_new
2478	LCE	Redacted	Redacted	2029	6	Redacted		Redacted	planned_new
2479	LCE	Redacted	Redacted	2029	7	Redacted		Redacted	planned_new
2480	LCE	Redacted	Redacted	2029	8	Redacted		Redacted	planned_new
2481	LCE	Redacted	Redacted	2029	9	Redacted		Redacted	planned_new
2482	LCE	Redacted	Redacted	2029	10	Redacted		Redacted	planned_new
2483	LCE	Redacted	Redacted	2029	11	Redacted		Redacted	planned_new
2484	LCE	Redacted	Redacted	2029	12	Redacted		Redacted	planned_new
2485	LCE	Redacted	Redacted	2030	1	Redacted		Redacted	planned_new
2486	LCE	Redacted	Redacted	2030	2	Redacted		Redacted	planned_new
2487	LCE	Redacted	Redacted	2030	3	Redacted		Redacted	planned_new
2488	LCE	Redacted	Redacted	2030	4	Redacted		Redacted	planned_new
2489	LCE	Redacted	Redacted	2030	5	Redacted		Redacted	planned_new
2490	LCE	Redacted	Redacted	2030	6	Redacted		Redacted	planned_new
2491	LCE	Redacted	Redacted	2030	7	Redacted		Redacted	planned_new
2492	LCE	Redacted	Redacted	2030	8	Redacted		Redacted	planned_new
2493	LCE	Redacted	Redacted	2030	9	Redacted		Redacted	planned_new
2494	LCE	Redacted	Redacted	2030	10	Redacted		Redacted	planned_new
2495	LCE	Redacted	Redacted	2030	11	Redacted		Redacted	planned_new
2496	LCE	Redacted	Redacted	2030	12	Redacted		Redacted	planned_new
2497	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_new
2498	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_new
2499	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_new

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2475	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2476	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2477	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2478	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2479	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2480	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2481	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2482	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2483	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2484	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2485	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2486	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2487	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2488	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2489	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2490	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2491	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2492	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2493	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2494	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2495	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2496	8	Redacted	Redacted	Redacted	0	Redacted	Redacted	0.966034647
2497	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2498	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2499	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2475	1	Redacted	Redacted	ok	new_resolve	0	1
2476	1	Redacted	Redacted	ok	new_resolve	0	1
2477	1	Redacted	Redacted	ok	new_resolve	0	1
2478	1	Redacted	Redacted	ok	new_resolve	0	1
2479	1	Redacted	Redacted	ok	new_resolve	0	1
2480	1	Redacted	Redacted	ok	new_resolve	0	1
2481	1	Redacted	Redacted	ok	new_resolve	0	1
2482	1	Redacted	Redacted	ok	new_resolve	0	1
2483	1	Redacted	Redacted	ok	new_resolve	0	1
2484	1	Redacted	Redacted	ok	new_resolve	0	1
2485	1	Redacted	Redacted	ok	new_resolve	0	1
2486	1	Redacted	Redacted	ok	new_resolve	0	1
2487	1	Redacted	Redacted	ok	new_resolve	0	1
2488	1	Redacted	Redacted	ok	new_resolve	0	1
2489	1	Redacted	Redacted	ok	new_resolve	0	1
2490	1	Redacted	Redacted	ok	new_resolve	0	1
2491	1	Redacted	Redacted	ok	new_resolve	0	1
2492	1	Redacted	Redacted	ok	new_resolve	0	1
2493	1	Redacted	Redacted	ok	new_resolve	0	1
2494	1	Redacted	Redacted	ok	new_resolve	0	1
2495	1	Redacted	Redacted	ok	new_resolve	0	1
2496	1	Redacted	Redacted	ok	new_resolve	0	1
2497	1	#N/A	Redacted	ok	new_resolve	1	1
2498	1	#N/A	Redacted	ok	new_resolve	1	1
2499	1	#N/A	Redacted	ok	new_resolve	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2475	Redacted	0	0	1	1	1	1	1	1	1	1
2476	Redacted	0	0	1	1	1	1	1	1	1	1
2477	Redacted	0	0	1	1	1	1	1	1	1	1
2478	Redacted	0	0	1	1	1	1	1	1	1	1
2479	Redacted	0	0	1	1	1	1	1	1	1	1
2480	Redacted	0	0	1	1	1	1	1	1	1	1
2481	Redacted	0	0	1	1	1	1	1	1	1	1
2482	Redacted	0	0	1	1	1	1	1	1	1	1
2483	Redacted	0	0	1	1	1	1	1	1	1	1
2484	Redacted	0	0	1	1	1	1	1	1	1	1
2485	Redacted	0	0	1	1	1	1	1	1	1	1
2486	Redacted	0	0	1	1	1	1	1	1	1	1
2487	Redacted	0	0	1	1	1	1	1	1	1	1
2488	Redacted	0	0	1	1	1	1	1	1	1	1
2489	Redacted	0	0	1	1	1	1	1	1	1	1
2490	Redacted	0	0	1	1	1	1	1	1	1	1
2491	Redacted	0	0	1	1	1	1	1	1	1	1
2492	Redacted	0	0	1	1	1	1	1	1	1	1
2493	Redacted	0	0	1	1	1	1	1	1	1	1
2494	Redacted	0	0	1	1	1	1	1	1	1	1
2495	Redacted	0	0	1	1	1	1	1	1	1	1
2496	Redacted	0	0	1	1	1	1	1	1	1	1
2497	Redacted	1	122	1	1	1	1	1	1	1	1
2498	Redacted	0	0	1	1	1	1	1	1	1	1
2499	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2500	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_new
2501	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_new
2502	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_new
2503	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_new
2504	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_new
2505	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_new
2506	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_new
2507	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_new
2508	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_new
2509	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_new
2510	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_new
2511	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_new
2512	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_new
2513	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_new
2514	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_new
2515	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_new
2516	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_new
2517	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_new
2518	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_new
2519	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_new
2520	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_new
2521	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_new
2522	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_new
2523	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_new
2524	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_new

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2500	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2501	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2502	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2503	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2504	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2505	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2506	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2507	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2508	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2509	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2510	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2511	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2512	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2513	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2514	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2515	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2516	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2517	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2518	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2519	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2520	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2521	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2522	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2523	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2524	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2500	1	#N/A	Redacted	ok	new_resolve	1	1
2501	1	#N/A	Redacted	ok	new_resolve	1	1
2502	1	#N/A	Redacted	ok	new_resolve	1	1
2503	1	#N/A	Redacted	ok	new_resolve	1	1
2504	1	#N/A	Redacted	ok	new_resolve	1	1
2505	1	#N/A	Redacted	ok	new_resolve	1	1
2506	1	#N/A	Redacted	ok	new_resolve	1	1
2507	1	#N/A	Redacted	ok	new_resolve	1	1
2508	1	#N/A	Redacted	ok	new_resolve	1	1
2509	1	#N/A	Redacted	ok	new_resolve	1	1
2510	1	#N/A	Redacted	ok	new_resolve	1	1
2511	1	#N/A	Redacted	ok	new_resolve	1	1
2512	1	#N/A	Redacted	ok	new_resolve	1	1
2513	1	#N/A	Redacted	ok	new_resolve	1	1
2514	1	#N/A	Redacted	ok	new_resolve	1	1
2515	1	#N/A	Redacted	ok	new_resolve	1	1
2516	1	#N/A	Redacted	ok	new_resolve	1	1
2517	1	#N/A	Redacted	ok	new_resolve	1	1
2518	1	#N/A	Redacted	ok	new_resolve	1	1
2519	1	#N/A	Redacted	ok	new_resolve	1	1
2520	1	#N/A	Redacted	ok	new_resolve	1	1
2521	1	#N/A	Redacted	ok	new_resolve	1	1
2522	1	#N/A	Redacted	ok	new_resolve	1	1
2523	1	#N/A	Redacted	ok	new_resolve	1	1
2524	1	#N/A	Redacted	ok	new_resolve	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2500	Redacted	0	0	1	1	1	1	1	1	1	1
2501	Redacted	0	0	1	1	1	1	1	1	1	1
2502	Redacted	0	0	1	1	1	1	1	1	1	1
2503	Redacted	0	0	1	1	1	1	1	1	1	1
2504	Redacted	0	0	1	1	1	1	1	1	1	1
2505	Redacted	0	0	1	1	1	1	1	1	1	1
2506	Redacted	0	0	1	1	1	1	1	1	1	1
2507	Redacted	0	0	1	1	1	1	1	1	1	1
2508	Redacted	0	0	1	1	1	1	1	1	1	1
2509	Redacted	0	0	1	1	1	1	1	1	1	1
2510	Redacted	0	0	1	1	1	1	1	1	1	1
2511	Redacted	0	0	1	1	1	1	1	1	1	1
2512	Redacted	0	0	1	1	1	1	1	1	1	1
2513	Redacted	0	0	1	1	1	1	1	1	1	1
2514	Redacted	0	0	1	1	1	1	1	1	1	1
2515	Redacted	0	0	1	1	1	1	1	1	1	1
2516	Redacted	0	0	1	1	1	1	1	1	1	1
2517	Redacted	0	0	1	1	1	1	1	1	1	1
2518	Redacted	0	0	1	1	1	1	1	1	1	1
2519	Redacted	0	0	1	1	1	1	1	1	1	1
2520	Redacted	0	0	1	1	1	1	1	1	1	1
2521	Redacted	0	0	1	1	1	1	1	1	1	1
2522	Redacted	0	0	1	1	1	1	1	1	1	1
2523	Redacted	0	0	1	1	1	1	1	1	1	1
2524	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2525	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_new
2526	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_new
2527	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_new
2528	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_new
2529	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_new
2530	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_new
2531	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_new
2532	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_new
2533	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_new
2534	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_new
2535	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_new
2536	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_new
2537	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_new
2538	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_new
2539	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_new
2540	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_new
2541	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_new
2542	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_new
2543	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_new
2544	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_new
2545	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_new
2546	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_new
2547	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_new
2548	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_new
2549	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_new

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2525	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2526	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2527	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2528	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2529	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2530	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2531	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2532	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2533	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2534	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2535	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2536	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2537	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2538	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2539	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2540	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2541	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2542	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2543	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2544	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2545	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2546	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2547	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2548	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2549	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2525	1	#N/A	Redacted	ok	new_resolve	1	1
2526	1	#N/A	Redacted	ok	new_resolve	1	1
2527	1	#N/A	Redacted	ok	new_resolve	1	1
2528	1	#N/A	Redacted	ok	new_resolve	1	1
2529	1	#N/A	Redacted	ok	new_resolve	1	1
2530	1	#N/A	Redacted	ok	new_resolve	1	1
2531	1	#N/A	Redacted	ok	new_resolve	1	1
2532	1	#N/A	Redacted	ok	new_resolve	1	1
2533	1	#N/A	Redacted	ok	new_resolve	1	1
2534	1	#N/A	Redacted	ok	new_resolve	1	1
2535	1	#N/A	Redacted	ok	new_resolve	1	1
2536	1	#N/A	Redacted	ok	new_resolve	1	1
2537	1	#N/A	Redacted	ok	new_resolve	1	1
2538	1	#N/A	Redacted	ok	new_resolve	1	1
2539	1	#N/A	Redacted	ok	new_resolve	1	1
2540	1	#N/A	Redacted	ok	new_resolve	1	1
2541	1	#N/A	Redacted	ok	new_resolve	1	1
2542	1	#N/A	Redacted	ok	new_resolve	1	1
2543	1	#N/A	Redacted	ok	new_resolve	1	1
2544	1	#N/A	Redacted	ok	new_resolve	1	1
2545	1	#N/A	Redacted	ok	new_resolve	1	1
2546	1	#N/A	Redacted	ok	new_resolve	1	1
2547	1	#N/A	Redacted	ok	new_resolve	1	1
2548	1	#N/A	Redacted	ok	new_resolve	1	1
2549	1	#N/A	Redacted	ok	new_resolve	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2525	Redacted	0	0	1	1	1	1	1	1	1	1
2526	Redacted	0	0	1	1	1	1	1	1	1	1
2527	Redacted	0	0	1	1	1	1	1	1	1	1
2528	Redacted	0	0	1	1	1	1	1	1	1	1
2529	Redacted	0	0	1	1	1	1	1	1	1	1
2530	Redacted	0	0	1	1	1	1	1	1	1	1
2531	Redacted	0	0	1	1	1	1	1	1	1	1
2532	Redacted	0	0	1	1	1	1	1	1	1	1
2533	Redacted	0	0	1	1	1	1	1	1	1	1
2534	Redacted	0	0	1	1	1	1	1	1	1	1
2535	Redacted	0	0	1	1	1	1	1	1	1	1
2536	Redacted	0	0	1	1	1	1	1	1	1	1
2537	Redacted	0	0	1	1	1	1	1	1	1	1
2538	Redacted	0	0	1	1	1	1	1	1	1	1
2539	Redacted	0	0	1	1	1	1	1	1	1	1
2540	Redacted	0	0	1	1	1	1	1	1	1	1
2541	Redacted	0	0	1	1	1	1	1	1	1	1
2542	Redacted	0	0	1	1	1	1	1	1	1	1
2543	Redacted	0	0	1	1	1	1	1	1	1	1
2544	Redacted	0	0	1	1	1	1	1	1	1	1
2545	Redacted	0	0	1	1	1	1	1	1	1	1
2546	Redacted	0	0	1	1	1	1	1	1	1	1
2547	Redacted	0	0	1	1	1	1	1	1	1	1
2548	Redacted	0	0	1	1	1	1	1	1	1	1
2549	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2550	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_new
2551	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_new
2552	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_new
2553	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_new
2554	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_new
2555	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_new
2556	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_new
2557	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_new
2558	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_new
2559	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_new
2560	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_new
2561	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_new
2562	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_new
2563	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_new
2564	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_new
2565	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_new
2566	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_new
2567	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_new
2568	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_new
2569	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_new
2570	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_new
2571	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_new
2572	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_new
2573	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_new
2574	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_new

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2550	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2551	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2552	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2553	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2554	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2555	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2556	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2557	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2558	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2559	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2560	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2561	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2562	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2563	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2564	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2565	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2566	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2567	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2568	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2569	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2570	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2571	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2572	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2573	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2574	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2550	1	#N/A	Redacted	ok	new_resolve	1	1
2551	1	#N/A	Redacted	ok	new_resolve	1	1
2552	1	#N/A	Redacted	ok	new_resolve	1	1
2553	1	#N/A	Redacted	ok	new_resolve	1	1
2554	1	#N/A	Redacted	ok	new_resolve	1	1
2555	1	#N/A	Redacted	ok	new_resolve	1	1
2556	1	#N/A	Redacted	ok	new_resolve	1	1
2557	1	#N/A	Redacted	ok	new_resolve	1	1
2558	1	#N/A	Redacted	ok	new_resolve	1	1
2559	1	#N/A	Redacted	ok	new_resolve	1	1
2560	1	#N/A	Redacted	ok	new_resolve	1	1
2561	1	#N/A	Redacted	ok	new_resolve	1	1
2562	1	#N/A	Redacted	ok	new_resolve	1	1
2563	1	#N/A	Redacted	ok	new_resolve	1	1
2564	1	#N/A	Redacted	ok	new_resolve	1	1
2565	1	#N/A	Redacted	ok	new_resolve	1	1
2566	1	#N/A	Redacted	ok	new_resolve	1	1
2567	1	#N/A	Redacted	ok	new_resolve	1	1
2568	1	#N/A	Redacted	ok	new_resolve	1	1
2569	1	#N/A	Redacted	ok	new_resolve	1	1
2570	1	#N/A	Redacted	ok	new_resolve	1	1
2571	1	#N/A	Redacted	ok	new_resolve	1	1
2572	1	#N/A	Redacted	ok	new_resolve	1	1
2573	1	#N/A	Redacted	ok	new_resolve	1	1
2574	1	#N/A	Redacted	ok	new_resolve	1	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2550	Redacted	0	0	1	1	1	1	1	1	1	1
2551	Redacted	0	0	1	1	1	1	1	1	1	1
2552	Redacted	0	0	1	1	1	1	1	1	1	1
2553	Redacted	0	0	1	1	1	1	1	1	1	1
2554	Redacted	0	0	1	1	1	1	1	1	1	1
2555	Redacted	0	0	1	1	1	1	1	1	1	1
2556	Redacted	0	0	1	1	1	1	1	1	1	1
2557	Redacted	0	0	1	1	1	1	1	1	1	1
2558	Redacted	0	0	1	1	1	1	1	1	1	1
2559	Redacted	0	0	1	1	1	1	1	1	1	1
2560	Redacted	0	0	1	1	1	1	1	1	1	1
2561	Redacted	0	0	1	1	1	1	1	1	1	1
2562	Redacted	0	0	1	1	1	1	1	1	1	1
2563	Redacted	0	0	1	1	1	1	1	1	1	1
2564	Redacted	0	0	1	1	1	1	1	1	1	1
2565	Redacted	0	0	1	1	1	1	1	1	1	1
2566	Redacted	0	0	1	1	1	1	1	1	1	1
2567	Redacted	0	0	1	1	1	1	1	1	1	1
2568	Redacted	0	0	1	1	1	1	1	1	1	1
2569	Redacted	0	0	1	1	1	1	1	1	1	1
2570	Redacted	0	0	1	1	1	1	1	1	1	1
2571	Redacted	0	0	1	1	1	1	1	1	1	1
2572	Redacted	0	0	1	1	1	1	1	1	1	1
2573	Redacted	0	0	1	1	1	1	1	1	1	1
2574	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2575	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_new
2576	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_new
2577	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_new
2578	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_new
2579	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_new
2580	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_new
2581	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_new
2582	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_new
2583	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_new
2584	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_new
2585	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_new
2586	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_new
2587	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_new
2588	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_new
2589	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_new
2590	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_new
2591	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_new
2592	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_new
2593	LCE	Redacted	Redacted	2022	1	Redacted	Redacted		review
2594	LCE	Redacted	Redacted	2022	2	Redacted	Redacted		review
2595	LCE	Redacted	Redacted	2022	3	Redacted	Redacted		review
2596	LCE	Redacted	Redacted	2022	4	Redacted	Redacted		review
2597	LCE	Redacted	Redacted	2022	5	Redacted	Redacted		review
2598	LCE	Redacted	Redacted	2022	6	Redacted	Redacted		review
2599	LCE	Redacted	Redacted	2022	7	Redacted	Redacted		review

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2575	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2576	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2577	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2578	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2579	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2580	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2581	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2582	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2583	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2584	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2585	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2586	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2587	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2588	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2589	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2590	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2591	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2592	4	Redacted	Redacted	Redacted	0	Redacted	Redacted	0
2593		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2594		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2595		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2596		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2597		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2598		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2599		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2575	1	#N/A	Redacted	ok	new_resolve	1	1
2576	1	#N/A	Redacted	ok	new_resolve	1	1
2577	1	#N/A	Redacted	ok	new_resolve	1	1
2578	1	#N/A	Redacted	ok	new_resolve	1	1
2579	1	#N/A	Redacted	ok	new_resolve	1	1
2580	1	#N/A	Redacted	ok	new_resolve	1	1
2581	1	#N/A	Redacted	ok	new_resolve	1	1
2582	1	#N/A	Redacted	ok	new_resolve	1	1
2583	1	#N/A	Redacted	ok	new_resolve	1	1
2584	1	#N/A	Redacted	ok	new_resolve	1	1
2585	1	#N/A	Redacted	ok	new_resolve	1	1
2586	1	#N/A	Redacted	ok	new_resolve	1	1
2587	1	#N/A	Redacted	ok	new_resolve	1	1
2588	1	#N/A	Redacted	ok	new_resolve	1	1
2589	1	#N/A	Redacted	ok	new_resolve	1	1
2590	1	#N/A	Redacted	ok	new_resolve	1	1
2591	1	#N/A	Redacted	ok	new_resolve	1	1
2592	1	#N/A	Redacted	ok	new_resolve	1	1
2593	1	#N/A	Redacted	ok	existing_generic	0	1
2594	1	#N/A	Redacted	ok	existing_generic	0	1
2595	1	#N/A	Redacted	ok	existing_generic	0	1
2596	1	#N/A	Redacted	ok	existing_generic	0	1
2597	1	#N/A	Redacted	ok	existing_generic	0	1
2598	1	#N/A	Redacted	ok	existing_generic	0	1
2599	1	#N/A	Redacted	ok	existing_generic	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2575	Redacted	0	0	1	1	1	1	1	1	1	1
2576	Redacted	0	0	1	1	1	1	1	1	1	1
2577	Redacted	0	0	1	1	1	1	1	1	1	1
2578	Redacted	0	0	1	1	1	1	1	1	1	1
2579	Redacted	0	0	1	1	1	1	1	1	1	1
2580	Redacted	0	0	1	1	1	1	1	1	1	1
2581	Redacted	0	0	1	1	1	1	1	1	1	1
2582	Redacted	0	0	1	1	1	1	1	1	1	1
2583	Redacted	0	0	1	1	1	1	1	1	1	1
2584	Redacted	0	0	1	1	1	1	1	1	1	1
2585	Redacted	0	0	1	1	1	1	1	1	1	1
2586	Redacted	0	0	1	1	1	1	1	1	1	1
2587	Redacted	0	0	1	1	1	1	1	1	1	1
2588	Redacted	0	0	1	1	1	1	1	1	1	1
2589	Redacted	0	0	1	1	1	1	1	1	1	1
2590	Redacted	0	0	1	1	1	1	1	1	1	1
2591	Redacted	0	0	1	1	1	1	1	1	1	1
2592	Redacted	0	0	1	1	1	1	1	1	1	1
2593	Redacted	1	123	1	1	1	1	1	1	1	1
2594	Redacted	0	0	1	1	1	1	1	1	1	1
2595	Redacted	0	0	1	1	1	1	1	1	1	1
2596	Redacted	0	0	1	1	1	1	1	1	1	1
2597	Redacted	0	0	1	1	1	1	1	1	1	1
2598	Redacted	0	0	1	1	1	1	1	1	1	1
2599	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2600	LCE	Redacted	Redacted	2022	8	Redacted	Redacted		review
2601	LCE	Redacted	Redacted	2022	9	Redacted	Redacted		review
2602	LCE	Redacted	Redacted	2022	10	Redacted	Redacted		review
2603	LCE	Redacted	Redacted	2022	11	Redacted	Redacted		review
2604	LCE	Redacted	Redacted	2022	12	Redacted	Redacted		review
2605	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		review
2606	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		review
2607	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		review
2608	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		review
2609	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		review
2610	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		review
2611	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		review
2612	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		review
2613	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		review
2614	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		review
2615	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		review
2616	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		review
2617	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		review
2618	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		review
2619	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		review
2620	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		review
2621	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		review
2622	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		review
2623	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		review
2624	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		review

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2600		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2601		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2602		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2603		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2604		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2605		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2606		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2607		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2608		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2609		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2610		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2611		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2612		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2613		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2614		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2615		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2616		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2617		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2618		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2619		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2620		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2621		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2622		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2623		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2624		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2600	1	#N/A	Redacted	ok	existing_generic	0	1
2601	1	#N/A	Redacted	ok	existing_generic	0	1
2602	1	#N/A	Redacted	ok	existing_generic	0	1
2603	1	#N/A	Redacted	ok	existing_generic	0	1
2604	1	#N/A	Redacted	ok	existing_generic	0	1
2605	1	#N/A	Redacted	ok	existing_generic	0	1
2606	1	#N/A	Redacted	ok	existing_generic	0	1
2607	1	#N/A	Redacted	ok	existing_generic	0	1
2608	1	#N/A	Redacted	ok	existing_generic	0	1
2609	1	#N/A	Redacted	ok	existing_generic	0	1
2610	1	#N/A	Redacted	ok	existing_generic	0	1
2611	1	#N/A	Redacted	ok	existing_generic	0	1
2612	1	#N/A	Redacted	ok	existing_generic	0	1
2613	1	#N/A	Redacted	ok	existing_generic	0	1
2614	1	#N/A	Redacted	ok	existing_generic	0	1
2615	1	#N/A	Redacted	ok	existing_generic	0	1
2616	1	#N/A	Redacted	ok	existing_generic	0	1
2617	1	#N/A	Redacted	ok	existing_generic	0	1
2618	1	#N/A	Redacted	ok	existing_generic	0	1
2619	1	#N/A	Redacted	ok	existing_generic	0	1
2620	1	#N/A	Redacted	ok	existing_generic	0	1
2621	1	#N/A	Redacted	ok	existing_generic	0	1
2622	1	#N/A	Redacted	ok	existing_generic	0	1
2623	1	#N/A	Redacted	ok	existing_generic	0	1
2624	1	#N/A	Redacted	ok	existing_generic	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2600	Redacted	0	0	1	1	1	1	1	1	1	1
2601	Redacted	0	0	1	1	1	1	1	1	1	1
2602	Redacted	0	0	1	1	1	1	1	1	1	1
2603	Redacted	0	0	1	1	1	1	1	1	1	1
2604	Redacted	0	0	1	1	1	1	1	1	1	1
2605	Redacted	0	0	1	1	1	1	1	1	1	1
2606	Redacted	0	0	1	1	1	1	1	1	1	1
2607	Redacted	0	0	1	1	1	1	1	1	1	1
2608	Redacted	0	0	1	1	1	1	1	1	1	1
2609	Redacted	0	0	1	1	1	1	1	1	1	1
2610	Redacted	0	0	1	1	1	1	1	1	1	1
2611	Redacted	0	0	1	1	1	1	1	1	1	1
2612	Redacted	0	0	1	1	1	1	1	1	1	1
2613	Redacted	0	0	1	1	1	1	1	1	1	1
2614	Redacted	0	0	1	1	1	1	1	1	1	1
2615	Redacted	0	0	1	1	1	1	1	1	1	1
2616	Redacted	0	0	1	1	1	1	1	1	1	1
2617	Redacted	0	0	1	1	1	1	1	1	1	1
2618	Redacted	0	0	1	1	1	1	1	1	1	1
2619	Redacted	0	0	1	1	1	1	1	1	1	1
2620	Redacted	0	0	1	1	1	1	1	1	1	1
2621	Redacted	0	0	1	1	1	1	1	1	1	1
2622	Redacted	0	0	1	1	1	1	1	1	1	1
2623	Redacted	0	0	1	1	1	1	1	1	1	1
2624	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2625	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		review
2626	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		review
2627	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		review
2628	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		review
2629	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		review
2630	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		review
2631	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		review
2632	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		review
2633	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		review
2634	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		review
2635	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		review
2636	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		review
2637	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		review
2638	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		review
2639	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		review
2640	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		review
2641	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		review
2642	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		review
2643	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		review
2644	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		review
2645	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		review
2646	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		review
2647	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		review
2648	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		review
2649	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		review

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2625		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2626		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2627		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2628		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2629		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2630		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2631		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2632		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2633		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2634		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2635		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2636		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2637		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2638		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2639		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2640		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2641		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2642		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2643		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2644		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2645		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2646		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2647		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2648		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2649		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2625	1	#N/A	Redacted	ok	existing_generic	0	1
2626	1	#N/A	Redacted	ok	existing_generic	0	1
2627	1	#N/A	Redacted	ok	existing_generic	0	1
2628	1	#N/A	Redacted	ok	existing_generic	0	1
2629	1	#N/A	Redacted	ok	existing_generic	0	1
2630	1	#N/A	Redacted	ok	existing_generic	0	1
2631	1	#N/A	Redacted	ok	existing_generic	0	1
2632	1	#N/A	Redacted	ok	existing_generic	0	1
2633	1	#N/A	Redacted	ok	existing_generic	0	1
2634	1	#N/A	Redacted	ok	existing_generic	0	1
2635	1	#N/A	Redacted	ok	existing_generic	0	1
2636	1	#N/A	Redacted	ok	existing_generic	0	1
2637	1	#N/A	Redacted	ok	existing_generic	0	1
2638	1	#N/A	Redacted	ok	existing_generic	0	1
2639	1	#N/A	Redacted	ok	existing_generic	0	1
2640	1	#N/A	Redacted	ok	existing_generic	0	1
2641	1	#N/A	Redacted	ok	existing_generic	0	1
2642	1	#N/A	Redacted	ok	existing_generic	0	1
2643	1	#N/A	Redacted	ok	existing_generic	0	1
2644	1	#N/A	Redacted	ok	existing_generic	0	1
2645	1	#N/A	Redacted	ok	existing_generic	0	1
2646	1	#N/A	Redacted	ok	existing_generic	0	1
2647	1	#N/A	Redacted	ok	existing_generic	0	1
2648	1	#N/A	Redacted	ok	existing_generic	0	1
2649	1	#N/A	Redacted	ok	existing_generic	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2625	Redacted	0	0	1	1	1	1	1	1	1	1
2626	Redacted	0	0	1	1	1	1	1	1	1	1
2627	Redacted	0	0	1	1	1	1	1	1	1	1
2628	Redacted	0	0	1	1	1	1	1	1	1	1
2629	Redacted	0	0	1	1	1	1	1	1	1	1
2630	Redacted	0	0	1	1	1	1	1	1	1	1
2631	Redacted	0	0	1	1	1	1	1	1	1	1
2632	Redacted	0	0	1	1	1	1	1	1	1	1
2633	Redacted	0	0	1	1	1	1	1	1	1	1
2634	Redacted	0	0	1	1	1	1	1	1	1	1
2635	Redacted	0	0	1	1	1	1	1	1	1	1
2636	Redacted	0	0	1	1	1	1	1	1	1	1
2637	Redacted	0	0	1	1	1	1	1	1	1	1
2638	Redacted	0	0	1	1	1	1	1	1	1	1
2639	Redacted	0	0	1	1	1	1	1	1	1	1
2640	Redacted	0	0	1	1	1	1	1	1	1	1
2641	Redacted	0	0	1	1	1	1	1	1	1	1
2642	Redacted	0	0	1	1	1	1	1	1	1	1
2643	Redacted	0	0	1	1	1	1	1	1	1	1
2644	Redacted	0	0	1	1	1	1	1	1	1	1
2645	Redacted	0	0	1	1	1	1	1	1	1	1
2646	Redacted	0	0	1	1	1	1	1	1	1	1
2647	Redacted	0	0	1	1	1	1	1	1	1	1
2648	Redacted	0	0	1	1	1	1	1	1	1	1
2649	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2650	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		review
2651	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		review
2652	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		review
2653	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		review
2654	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		review
2655	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		review
2656	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		review
2657	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		review
2658	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		review
2659	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		review
2660	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		review
2661	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		review
2662	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		review
2663	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		review
2664	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		review
2665	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		review
2666	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		review
2667	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		review
2668	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		review
2669	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		review
2670	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		review
2671	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		review
2672	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		review
2673	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		review
2674	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		review

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2650		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2651		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2652		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2653		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2654		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2655		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2656		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2657		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2658		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2659		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2660		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2661		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2662		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2663		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2664		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2665		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2666		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2667		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2668		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2669		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2670		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2671		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2672		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2673		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2674		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2650	1	#N/A	Redacted	ok	existing_generic	0	1
2651	1	#N/A	Redacted	ok	existing_generic	0	1
2652	1	#N/A	Redacted	ok	existing_generic	0	1
2653	1	#N/A	Redacted	ok	existing_generic	0	1
2654	1	#N/A	Redacted	ok	existing_generic	0	1
2655	1	#N/A	Redacted	ok	existing_generic	0	1
2656	1	#N/A	Redacted	ok	existing_generic	0	1
2657	1	#N/A	Redacted	ok	existing_generic	0	1
2658	1	#N/A	Redacted	ok	existing_generic	0	1
2659	1	#N/A	Redacted	ok	existing_generic	0	1
2660	1	#N/A	Redacted	ok	existing_generic	0	1
2661	1	#N/A	Redacted	ok	existing_generic	0	1
2662	1	#N/A	Redacted	ok	existing_generic	0	1
2663	1	#N/A	Redacted	ok	existing_generic	0	1
2664	1	#N/A	Redacted	ok	existing_generic	0	1
2665	1	#N/A	Redacted	ok	existing_generic	0	1
2666	1	#N/A	Redacted	ok	existing_generic	0	1
2667	1	#N/A	Redacted	ok	existing_generic	0	1
2668	1	#N/A	Redacted	ok	existing_generic	0	1
2669	1	#N/A	Redacted	ok	existing_generic	0	1
2670	1	#N/A	Redacted	ok	existing_generic	0	1
2671	1	#N/A	Redacted	ok	existing_generic	0	1
2672	1	#N/A	Redacted	ok	existing_generic	0	1
2673	1	#N/A	Redacted	ok	existing_generic	0	1
2674	1	#N/A	Redacted	ok	existing_generic	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2650	Redacted	0	0	1	1	1	1	1	1	1	1
2651	Redacted	0	0	1	1	1	1	1	1	1	1
2652	Redacted	0	0	1	1	1	1	1	1	1	1
2653	Redacted	0	0	1	1	1	1	1	1	1	1
2654	Redacted	0	0	1	1	1	1	1	1	1	1
2655	Redacted	0	0	1	1	1	1	1	1	1	1
2656	Redacted	0	0	1	1	1	1	1	1	1	1
2657	Redacted	0	0	1	1	1	1	1	1	1	1
2658	Redacted	0	0	1	1	1	1	1	1	1	1
2659	Redacted	0	0	1	1	1	1	1	1	1	1
2660	Redacted	0	0	1	1	1	1	1	1	1	1
2661	Redacted	0	0	1	1	1	1	1	1	1	1
2662	Redacted	0	0	1	1	1	1	1	1	1	1
2663	Redacted	0	0	1	1	1	1	1	1	1	1
2664	Redacted	0	0	1	1	1	1	1	1	1	1
2665	Redacted	0	0	1	1	1	1	1	1	1	1
2666	Redacted	0	0	1	1	1	1	1	1	1	1
2667	Redacted	0	0	1	1	1	1	1	1	1	1
2668	Redacted	0	0	1	1	1	1	1	1	1	1
2669	Redacted	0	0	1	1	1	1	1	1	1	1
2670	Redacted	0	0	1	1	1	1	1	1	1	1
2671	Redacted	0	0	1	1	1	1	1	1	1	1
2672	Redacted	0	0	1	1	1	1	1	1	1	1
2673	Redacted	0	0	1	1	1	1	1	1	1	1
2674	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2675	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		review
2676	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		review
2677	LCE	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing
2678	LCE	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing
2679	LCE	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing
2680	LCE	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing
2681	LCE	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing
2682	LCE	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing
2683	LCE	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing
2684	LCE	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing
2685	LCE	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing
2686	LCE	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing
2687	LCE	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing
2688	LCE	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing
2689	LCE	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing
2690	LCE	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing
2691	LCE	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing
2692	LCE	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing
2693	LCE	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing
2694	LCE	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing
2695	LCE	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing
2696	LCE	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing
2697	LCE	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing
2698	LCE	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing
2699	LCE	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2675		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2676		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2677		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2678		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2679		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2680		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2681		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2682		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2683		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2684		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2685		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2686		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2687		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2688		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2689		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2690		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2691		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2692		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2693		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2694		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2695		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2696		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2697		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2698		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2699		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2675	1	#N/A	Redacted	ok	existing_generic	0	1
2676	1	#N/A	Redacted	ok	existing_generic	0	1
2677	1	#N/A	Redacted	ok	existing_generic	0	0
2678	1	#N/A	Redacted	ok	existing_generic	0	0
2679	1	#N/A	Redacted	ok	existing_generic	0	0
2680	1	#N/A	Redacted	ok	existing_generic	0	0
2681	1	#N/A	Redacted	ok	existing_generic	0	1
2682	1	#N/A	Redacted	ok	existing_generic	0	1
2683	1	#N/A	Redacted	ok	existing_generic	0	1
2684	1	#N/A	Redacted	ok	existing_generic	0	1
2685	1	#N/A	Redacted	ok	existing_generic	0	1
2686	1	#N/A	Redacted	ok	existing_generic	0	1
2687	1	#N/A	Redacted	ok	existing_generic	0	0
2688	1	#N/A	Redacted	ok	existing_generic	0	0
2689	1	#N/A	Redacted	ok	existing_generic	0	0
2690	1	#N/A	Redacted	ok	existing_generic	0	0
2691	1	#N/A	Redacted	ok	existing_generic	0	0
2692	1	#N/A	Redacted	ok	existing_generic	0	0
2693	1	#N/A	Redacted	ok	existing_generic	0	0
2694	1	#N/A	Redacted	ok	existing_generic	0	0
2695	1	#N/A	Redacted	ok	existing_generic	0	1
2696	1	#N/A	Redacted	ok	existing_generic	0	0
2697	1	#N/A	Redacted	ok	existing_generic	0	1
2698	1	#N/A	Redacted	ok	existing_generic	0	0
2699	1	#N/A	Redacted	ok	existing_generic	0	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2675	Redacted	0	0	1	1	1	1	1	1	1	1
2676	Redacted	0	0	1	1	1	1	1	1	1	1
2677	Redacted	1	124	1	1	1	1	1	1	1	1
2678	Redacted	0	0	1	1	1	1	1	1	1	1
2679	Redacted	0	0	1	1	1	1	1	1	1	1
2680	Redacted	0	0	1	1	1	1	1	1	1	1
2681	Redacted	0	0	1	1	1	1	1	1	1	1
2682	Redacted	0	0	1	1	1	1	1	1	1	1
2683	Redacted	0	0	1	1	1	1	1	1	1	1
2684	Redacted	0	0	1	1	1	1	1	1	1	1
2685	Redacted	0	0	1	1	1	1	1	1	1	1
2686	Redacted	0	0	1	1	1	1	1	1	1	1
2687	Redacted	0	0	1	1	1	1	1	1	1	1
2688	Redacted	0	0	1	1	1	1	1	1	1	1
2689	Redacted	0	0	1	1	1	1	1	1	1	1
2690	Redacted	0	0	1	1	1	1	1	1	1	1
2691	Redacted	0	0	1	1	1	1	1	1	1	1
2692	Redacted	0	0	1	1	1	1	1	1	1	1
2693	Redacted	0	0	1	1	1	1	1	1	1	1
2694	Redacted	0	0	1	1	1	1	1	1	1	1
2695	Redacted	0	0	1	1	1	1	1	1	1	1
2696	Redacted	0	0	1	1	1	1	1	1	1	1
2697	Redacted	0	0	1	1	1	1	1	1	1	1
2698	Redacted	0	0	1	1	1	1	1	1	1	1
2699	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2700	LCE	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing
2701	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing
2702	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing
2703	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing
2704	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing
2705	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing
2706	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing
2707	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing
2708	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing
2709	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing
2710	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing
2711	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing
2712	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing
2713	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing
2714	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing
2715	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing
2716	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing
2717	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing
2718	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing
2719	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing
2720	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing
2721	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing
2722	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing
2723	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing
2724	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2700		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2701		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2702		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2703		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2704		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2705		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2706		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2707		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2708		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2709		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2710		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2711		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2712		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2713		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2714		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2715		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2716		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2717		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2718		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2719		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2720		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2721		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2722		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2723		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2724		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2700	1	#N/A	Redacted	ok	existing_generic	0	0
2701	1	#N/A	Redacted	ok	existing_generic	0	1
2702	1	#N/A	Redacted	ok	existing_generic	0	1
2703	1	#N/A	Redacted	ok	existing_generic	0	1
2704	1	#N/A	Redacted	ok	existing_generic	0	1
2705	1	#N/A	Redacted	ok	existing_generic	0	1
2706	1	#N/A	Redacted	ok	existing_generic	0	1
2707	1	#N/A	Redacted	ok	existing_generic	0	1
2708	1	#N/A	Redacted	ok	existing_generic	0	1
2709	1	#N/A	Redacted	ok	existing_generic	0	1
2710	1	#N/A	Redacted	ok	existing_generic	0	1
2711	1	#N/A	Redacted	ok	existing_generic	0	1
2712	1	#N/A	Redacted	ok	existing_generic	0	1
2713	1	#N/A	Redacted	ok	existing_generic	0	1
2714	1	#N/A	Redacted	ok	existing_generic	0	1
2715	1	#N/A	Redacted	ok	existing_generic	0	1
2716	1	#N/A	Redacted	ok	existing_generic	0	1
2717	1	#N/A	Redacted	ok	existing_generic	0	1
2718	1	#N/A	Redacted	ok	existing_generic	0	1
2719	1	#N/A	Redacted	ok	existing_generic	0	1
2720	1	#N/A	Redacted	ok	existing_generic	0	1
2721	1	#N/A	Redacted	ok	existing_generic	0	1
2722	1	#N/A	Redacted	ok	existing_generic	0	1
2723	1	#N/A	Redacted	ok	existing_generic	0	1
2724	1	#N/A	Redacted	ok	existing_generic	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2700	Redacted	0	0	1	1	1	1	1	1	1	1
2701	Redacted	0	0	1	1	1	1	1	1	1	1
2702	Redacted	0	0	1	1	1	1	1	1	1	1
2703	Redacted	0	0	1	1	1	1	1	1	1	1
2704	Redacted	0	0	1	1	1	1	1	1	1	1
2705	Redacted	0	0	1	1	1	1	1	1	1	1
2706	Redacted	0	0	1	1	1	1	1	1	1	1
2707	Redacted	0	0	1	1	1	1	1	1	1	1
2708	Redacted	0	0	1	1	1	1	1	1	1	1
2709	Redacted	0	0	1	1	1	1	1	1	1	1
2710	Redacted	0	0	1	1	1	1	1	1	1	1
2711	Redacted	0	0	1	1	1	1	1	1	1	1
2712	Redacted	0	0	1	1	1	1	1	1	1	1
2713	Redacted	0	0	1	1	1	1	1	1	1	1
2714	Redacted	0	0	1	1	1	1	1	1	1	1
2715	Redacted	0	0	1	1	1	1	1	1	1	1
2716	Redacted	0	0	1	1	1	1	1	1	1	1
2717	Redacted	0	0	1	1	1	1	1	1	1	1
2718	Redacted	0	0	1	1	1	1	1	1	1	1
2719	Redacted	0	0	1	1	1	1	1	1	1	1
2720	Redacted	0	0	1	1	1	1	1	1	1	1
2721	Redacted	0	0	1	1	1	1	1	1	1	1
2722	Redacted	0	0	1	1	1	1	1	1	1	1
2723	Redacted	0	0	1	1	1	1	1	1	1	1
2724	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2725	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing
2726	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing
2727	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing
2728	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing
2729	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing
2730	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing
2731	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing
2732	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing
2733	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing
2734	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing
2735	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing
2736	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing
2737	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing
2738	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing
2739	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing
2740	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing
2741	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing
2742	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing
2743	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing
2744	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing
2745	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing
2746	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing
2747	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing
2748	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing
2749	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2725		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2726		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2727		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2728		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2729		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2730		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2731		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2732		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2733		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2734		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2735		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2736		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2737		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2738		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2739		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2740		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2741		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2742		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2743		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2744		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2745		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2746		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2747		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2748		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2749		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2725	1	#N/A	Redacted	ok	existing_generic	0	1
2726	1	#N/A	Redacted	ok	existing_generic	0	1
2727	1	#N/A	Redacted	ok	existing_generic	0	1
2728	1	#N/A	Redacted	ok	existing_generic	0	1
2729	1	#N/A	Redacted	ok	existing_generic	0	1
2730	1	#N/A	Redacted	ok	existing_generic	0	1
2731	1	#N/A	Redacted	ok	existing_generic	0	1
2732	1	#N/A	Redacted	ok	existing_generic	0	1
2733	1	#N/A	Redacted	ok	existing_generic	0	1
2734	1	#N/A	Redacted	ok	existing_generic	0	1
2735	1	#N/A	Redacted	ok	existing_generic	0	1
2736	1	#N/A	Redacted	ok	existing_generic	0	1
2737	1	#N/A	Redacted	ok	existing_generic	0	1
2738	1	#N/A	Redacted	ok	existing_generic	0	1
2739	1	#N/A	Redacted	ok	existing_generic	0	1
2740	1	#N/A	Redacted	ok	existing_generic	0	1
2741	1	#N/A	Redacted	ok	existing_generic	0	1
2742	1	#N/A	Redacted	ok	existing_generic	0	1
2743	1	#N/A	Redacted	ok	existing_generic	0	1
2744	1	#N/A	Redacted	ok	existing_generic	0	1
2745	1	#N/A	Redacted	ok	existing_generic	0	1
2746	1	#N/A	Redacted	ok	existing_generic	0	1
2747	1	#N/A	Redacted	ok	existing_generic	0	1
2748	1	#N/A	Redacted	ok	existing_generic	0	1
2749	1	#N/A	Redacted	ok	existing_generic	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2725	Redacted	0	0	1	1	1	1	1	1	1	1
2726	Redacted	0	0	1	1	1	1	1	1	1	1
2727	Redacted	0	0	1	1	1	1	1	1	1	1
2728	Redacted	0	0	1	1	1	1	1	1	1	1
2729	Redacted	0	0	1	1	1	1	1	1	1	1
2730	Redacted	0	0	1	1	1	1	1	1	1	1
2731	Redacted	0	0	1	1	1	1	1	1	1	1
2732	Redacted	0	0	1	1	1	1	1	1	1	1
2733	Redacted	0	0	1	1	1	1	1	1	1	1
2734	Redacted	0	0	1	1	1	1	1	1	1	1
2735	Redacted	0	0	1	1	1	1	1	1	1	1
2736	Redacted	0	0	1	1	1	1	1	1	1	1
2737	Redacted	0	0	1	1	1	1	1	1	1	1
2738	Redacted	0	0	1	1	1	1	1	1	1	1
2739	Redacted	0	0	1	1	1	1	1	1	1	1
2740	Redacted	0	0	1	1	1	1	1	1	1	1
2741	Redacted	0	0	1	1	1	1	1	1	1	1
2742	Redacted	0	0	1	1	1	1	1	1	1	1
2743	Redacted	0	0	1	1	1	1	1	1	1	1
2744	Redacted	0	0	1	1	1	1	1	1	1	1
2745	Redacted	0	0	1	1	1	1	1	1	1	1
2746	Redacted	0	0	1	1	1	1	1	1	1	1
2747	Redacted	0	0	1	1	1	1	1	1	1	1
2748	Redacted	0	0	1	1	1	1	1	1	1	1
2749	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2750	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing
2751	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing
2752	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing
2753	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing
2754	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing
2755	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing
2756	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing
2757	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing
2758	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing
2759	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing
2760	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing
2761	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing
2762	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing
2763	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing
2764	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing
2765	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing
2766	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing
2767	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing
2768	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing
2769	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing
2770	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing
2771	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing
2772	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing
2773	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing
2774	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2750		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2751		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2752		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2753		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2754		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2755		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2756		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2757		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2758		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2759		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2760		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2761		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2762		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2763		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2764		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2765		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2766		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2767		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2768		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2769		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2770		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2771		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2772		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2773		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2774		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2750	1	#N/A	Redacted	ok	existing_generic	0	1
2751	1	#N/A	Redacted	ok	existing_generic	0	1
2752	1	#N/A	Redacted	ok	existing_generic	0	1
2753	1	#N/A	Redacted	ok	existing_generic	0	1
2754	1	#N/A	Redacted	ok	existing_generic	0	1
2755	1	#N/A	Redacted	ok	existing_generic	0	1
2756	1	#N/A	Redacted	ok	existing_generic	0	1
2757	1	#N/A	Redacted	ok	existing_generic	0	1
2758	1	#N/A	Redacted	ok	existing_generic	0	1
2759	1	#N/A	Redacted	ok	existing_generic	0	1
2760	1	#N/A	Redacted	ok	existing_generic	0	1
2761	1	#N/A	Redacted	ok	existing_generic	0	1
2762	1	#N/A	Redacted	ok	existing_generic	0	1
2763	1	#N/A	Redacted	ok	existing_generic	0	1
2764	1	#N/A	Redacted	ok	existing_generic	0	1
2765	1	#N/A	Redacted	ok	existing_generic	0	1
2766	1	#N/A	Redacted	ok	existing_generic	0	1
2767	1	#N/A	Redacted	ok	existing_generic	0	1
2768	1	#N/A	Redacted	ok	existing_generic	0	1
2769	1	#N/A	Redacted	ok	existing_generic	0	1
2770	1	#N/A	Redacted	ok	existing_generic	0	1
2771	1	#N/A	Redacted	ok	existing_generic	0	1
2772	1	#N/A	Redacted	ok	existing_generic	0	1
2773	1	#N/A	Redacted	ok	existing_generic	0	1
2774	1	#N/A	Redacted	ok	existing_generic	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2750	Redacted	0	0	1	1	1	1	1	1	1	1
2751	Redacted	0	0	1	1	1	1	1	1	1	1
2752	Redacted	0	0	1	1	1	1	1	1	1	1
2753	Redacted	0	0	1	1	1	1	1	1	1	1
2754	Redacted	0	0	1	1	1	1	1	1	1	1
2755	Redacted	0	0	1	1	1	1	1	1	1	1
2756	Redacted	0	0	1	1	1	1	1	1	1	1
2757	Redacted	0	0	1	1	1	1	1	1	1	1
2758	Redacted	0	0	1	1	1	1	1	1	1	1
2759	Redacted	0	0	1	1	1	1	1	1	1	1
2760	Redacted	0	0	1	1	1	1	1	1	1	1
2761	Redacted	0	0	1	1	1	1	1	1	1	1
2762	Redacted	0	0	1	1	1	1	1	1	1	1
2763	Redacted	0	0	1	1	1	1	1	1	1	1
2764	Redacted	0	0	1	1	1	1	1	1	1	1
2765	Redacted	0	0	1	1	1	1	1	1	1	1
2766	Redacted	0	0	1	1	1	1	1	1	1	1
2767	Redacted	0	0	1	1	1	1	1	1	1	1
2768	Redacted	0	0	1	1	1	1	1	1	1	1
2769	Redacted	0	0	1	1	1	1	1	1	1	1
2770	Redacted	0	0	1	1	1	1	1	1	1	1
2771	Redacted	0	0	1	1	1	1	1	1	1	1
2772	Redacted	0	0	1	1	1	1	1	1	1	1
2773	Redacted	0	0	1	1	1	1	1	1	1	1
2774	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status
2775	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing
2776	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing
2777	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing
2778	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing
2779	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing
2780	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing
2781	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing
2782	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing
2783	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing
2784	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing
2785	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing
2786	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing
2787	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing
2788	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing
2789	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing
2790	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing
2791	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing
2792	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing
2793	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing
2794	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing
2795	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing
2796	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing

	J	K	L	M	N	O	P	Q
1	storage_duration_hours	notes	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent
2775		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2776		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2777		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2778		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2779		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2780		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2781		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2782		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2783		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2784		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2785		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2786		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2787		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2788		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2789		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2790		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2791		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2792		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2793		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2794		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2795		Redacted	Redacted	Redacted	1	Redacted	Redacted	0
2796		Redacted	Redacted	Redacted	1	Redacted	Redacted	0

	R	S	T	U	V	W	X
1	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2775	1	#N/A	Redacted	ok	existing_generic	0	1
2776	1	#N/A	Redacted	ok	existing_generic	0	1
2777	1	#N/A	Redacted	ok	existing_generic	0	1
2778	1	#N/A	Redacted	ok	existing_generic	0	1
2779	1	#N/A	Redacted	ok	existing_generic	0	1
2780	1	#N/A	Redacted	ok	existing_generic	0	1
2781	1	#N/A	Redacted	ok	existing_generic	0	1
2782	1	#N/A	Redacted	ok	existing_generic	0	1
2783	1	#N/A	Redacted	ok	existing_generic	0	1
2784	1	#N/A	Redacted	ok	existing_generic	0	1
2785	1	#N/A	Redacted	ok	existing_generic	0	1
2786	1	#N/A	Redacted	ok	existing_generic	0	1
2787	1	#N/A	Redacted	ok	existing_generic	0	1
2788	1	#N/A	Redacted	ok	existing_generic	0	1
2789	1	#N/A	Redacted	ok	existing_generic	0	1
2790	1	#N/A	Redacted	ok	existing_generic	0	1
2791	1	#N/A	Redacted	ok	existing_generic	0	1
2792	1	#N/A	Redacted	ok	existing_generic	0	1
2793	1	#N/A	Redacted	ok	existing_generic	0	1
2794	1	#N/A	Redacted	ok	existing_generic	0	1
2795	1	#N/A	Redacted	ok	existing_generic	0	1
2796	1	#N/A	Redacted	ok	existing_generic	0	1

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	resource_contract_note	is_first_occurrence	create_unique_contract_index	**Test: Correct data type for resource**	**Test: Correct data type for Year**	**Test: Correct data type for Month**	**TEST: No blanks in energy and capacity data**	**TEST: No missing data**	**Test: Correct data type for max_mw**	**TEST: NQC provided only once**	**TEST: Working ELCC type**
2775	Redacted	0	0	1	1	1	1	1	1	1	1
2776	Redacted	0	0	1	1	1	1	1	1	1	1
2777	Redacted	0	0	1	1	1	1	1	1	1	1
2778	Redacted	0	0	1	1	1	1	1	1	1	1
2779	Redacted	0	0	1	1	1	1	1	1	1	1
2780	Redacted	0	0	1	1	1	1	1	1	1	1
2781	Redacted	0	0	1	1	1	1	1	1	1	1
2782	Redacted	0	0	1	1	1	1	1	1	1	1
2783	Redacted	0	0	1	1	1	1	1	1	1	1
2784	Redacted	0	0	1	1	1	1	1	1	1	1
2785	Redacted	0	0	1	1	1	1	1	1	1	1
2786	Redacted	0	0	1	1	1	1	1	1	1	1
2787	Redacted	0	0	1	1	1	1	1	1	1	1
2788	Redacted	0	0	1	1	1	1	1	1	1	1
2789	Redacted	0	0	1	1	1	1	1	1	1	1
2790	Redacted	0	0	1	1	1	1	1	1	1	1
2791	Redacted	0	0	1	1	1	1	1	1	1	1
2792	Redacted	0	0	1	1	1	1	1	1	1	1
2793	Redacted	0	0	1	1	1	1	1	1	1	1
2794	Redacted	0	0	1	1	1	1	1	1	1	1
2795	Redacted	0	0	1	1	1	1	1	1	1	1
2796	Redacted	0	0	1	1	1	1	1	1	1	1

resource_num	resource	note	resource_contract_note	online
1	Redacted	Redacted	Redacted	1
2	Redacted	Redacted	Redacted	1
3	Redacted	Redacted	Redacted	1
4	Redacted	Redacted	Redacted	1
5	Redacted	Redacted	Redacted	1
6	Redacted	Redacted	Redacted	1
7	Redacted	Redacted	Redacted	1
8	Redacted	Redacted	Redacted	1
9	Redacted	Redacted	Redacted	1
10	Redacted	Redacted	Redacted	1
11	Redacted	Redacted	Redacted	1
12	Redacted	Redacted	Redacted	1
13	Redacted	Redacted	Redacted	1
14	Redacted	Redacted	Redacted	1
15	Redacted	Redacted	Redacted	0
16	Redacted	Redacted	Redacted	1
17	Redacted	Redacted	Redacted	1
18	Redacted	Redacted	Redacted	1
19	Redacted	Redacted	Redacted	1
20	Redacted	Redacted	Redacted	1
21	Redacted	Redacted	Redacted	1
22	Redacted	Redacted	Redacted	1
23	Redacted	Redacted	Redacted	1
24	Redacted	Redacted	Redacted	1
25	Redacted	Redacted	Redacted	1

resource_num	online_date_for_new_resources	contract_execution_date	contract_start	contract_end	interconnection_queue_position	lse_owned	cam	is_incremental	incremental_explanation
1	**ok**	5/8/19	6/1/19	12/31/20				**0**	
2	**ok**	3/1/18	5/1/19	12/31/20				**0**	
3	**ok**	11/15/18	1/1/20	12/31/20				**0**	
4	**ok**	11/15/18	1/1/21	12/31/21				**0**	
5	**ok**	8/15/15	9/30/16	12/31/30				**0**	
6	**ok**	7/8/19	1/1/21	12/31/30				**0**	
7	**ok**	12/28/18	1/1/19	12/31/21				**0**	
8	**ok**	3/22/19	3/22/19	12/31/20				**0**	
9	**ok**	6/3/19	1/1/20	12/31/20				**0**	
10	**ok**	9/11/19	1/1/21	12/31/30				**0**	
11	**ok**	7/29/19	1/1/20	12/31/20				**0**	
12	**ok**	1/26/16	1/1/19	12/31/20				**0**	
13	**ok**	8/20/19	1/1/20	12/31/22				**0**	
14	**ok**	9/11/19	1/1/21	12/31/30				**0**	
15	**1/1/21**	12/20/19	1/1/21	12/31/30				**1**	
16	**ok**	1/30/20	6/1/20	12/31/23				**0**	
17	**ok**	2/6/20	1/1/21	12/31/22				**0**	
18	**ok**	2/26/20	3/1/20	12/31/20				**0**	
19	**ok**	12/12/19	1/1/20	12/31/20				**0**	
20	**ok**	6/30/20	7/1/20	12/31/20				**0**	
21	**ok**	10/21/19	1/1/20	9/30/20				**0**	
22	**ok**	10/21/19	1/1/20	9/30/20				**0**	
23	**ok**	10/30/19	5/1/20	10/31/20				**0**	
24	**ok**	12/12/19	1/1/20	12/31/20				**0**	
25	**ok**	10/30/19	5/1/20	10/31/20				**0**	

resource_num	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh	is_hybrid	hybrid_generator_mw	hybrid_combined_max_mw	hybrid_can_charge_from_grid
1	ok	ok	ok	ok						
2	ok	ok	ok	ok						
3	ok	ok	ok	ok						
4	ok	ok	ok	ok						
5	ok	ok	ok	ok						
6	ok	ok	ok	ok						
7	ok	ok	ok	ok						
8	ok	ok	ok	ok						
9	ok	ok	ok	ok						
10	ok	ok	ok	ok						
11	ok	ok	ok	ok						
12	ok	ok	ok	ok						
13	ok	ok	ok	ok						
14	ok	ok	ok	ok						
15	1	1	1	2						
16	ok	ok	ok	ok						
17	ok	ok	ok	ok						
18	ok	ok	ok	ok						
19	ok	ok	ok	ok						
20	ok	ok	ok	ok						
21	ok	ok	ok	ok						
22	ok	ok	ok	ok						
23	ok	ok	ok	ok						
24	ok	ok	ok	ok						
25	ok	ok	ok	ok						

resource_num	execution_year	execution_month	start_year	start_month	end_year	end_month	Test: Correct data type for lse_owned	Test: Correct data type for cam	Test:All data provided for hybrid	TEST: All data provided for contract	TEST: No fillmes	Max MW in September 2021
1	2019	5	2019	6	2020	12	1	1	1	1	1	Redacted
2	2018	3	2019	5	2020	12	1	1	1	1	1	Redacted
3	2018	11	2020	1	2020	12	1	1	1	1	1	Redacted
4	2018	11	2021	1	2021	12	1	1	1	1	1	Redacted
5	2015	8	2016	9	2030	12	1	1	1	1	1	Redacted
6	2019	7	2021	1	2030	12	1	1	1	1	1	Redacted
7	2018	12	2019	1	2021	12	1	1	1	1	1	Redacted
8	2019	3	2019	3	2020	12	1	1	1	1	1	Redacted
9	2019	6	2020	1	2020	12	1	1	1	1	1	Redacted
10	2019	9	2021	1	2030	12	1	1	1	1	1	Redacted
11	2019	7	2020	1	2020	12	1	1	1	1	1	Redacted
12	2016	1	2019	1	2020	12	1	1	1	1	1	Redacted
13	2019	8	2020	1	2022	12	1	1	1	1	1	Redacted
14	2019	9	2021	1	2030	12	1	1	1	1	1	Redacted
15	2019	12	2021	1	2030	12	1	1	1	1	1	Redacted
16	2020	1	2020	6	2023	12	1	1	1	1	1	Redacted
17	2020	2	2021	1	2022	12	1	1	1	1	1	Redacted
18	2020	2	2020	3	2020	12	1	1	1	1	1	Redacted
19	2019	12	2020	1	2020	12	1	1	1	1	1	Redacted
20	2020	6	2020	7	2020	12	1	1	1	1	1	Redacted
21	2019	10	2020	1	2020	9	1	1	1	1	1	Redacted
22	2019	10	2020	1	2020	9	1	1	1	1	1	Redacted
23	2019	10	2020	5	2020	10	1	1	1	1	1	Redacted
24	2019	12	2020	1	2020	12	1	1	1	1	1	Redacted
25	2019	10	2020	5	2020	10	1	1	1	1	1	Redacted

resource_num	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021	Incremental demand-side resource not in IEPR demand forecast in September 2021	find_position_of_adding	find_position_of_mw	Incremental MW added to existing resource September 2021
1	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
2	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
3	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
4	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
5	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
6	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
7	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
8	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
9	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
10	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
11	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
12	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
13	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
14	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
15	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
16	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
17	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
18	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
19	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
20	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
21	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
22	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
23	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
24	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
25	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0

resource_num	resource	note	resource_contract_note	online
26	Redacted	Redacted	Redacted	1
27	Redacted	Redacted	Redacted	1
28	Redacted	Redacted	Redacted	1
29	Redacted	Redacted	Redacted	1
30	Redacted	Redacted	Redacted	1
31	Redacted	Redacted	Redacted	1
32	Redacted	Redacted	Redacted	1
33	Redacted	Redacted	Redacted	1
34	Redacted	Redacted	Redacted	1
35	Redacted	Redacted	Redacted	1
36	Redacted	Redacted	Redacted	1
37	Redacted	Redacted	Redacted	1
38	Redacted	Redacted	Redacted	1
39	Redacted	Redacted	Redacted	1
40	Redacted	Redacted	Redacted	1
41	Redacted	Redacted	Redacted	1
42	Redacted	Redacted	Redacted	1
43	Redacted	Redacted	Redacted	1
44	Redacted	Redacted	Redacted	1
45	Redacted	Redacted	Redacted	1
46	Redacted	Redacted	Redacted	1
47	Redacted	Redacted	Redacted	1
48	Redacted	Redacted	Redacted	1
49	Redacted	Redacted	Redacted	1
50	Redacted	Redacted	Redacted	1

resource_num	online_date_for_new_resources	contract_execution_date	contract_start	contract_end	interconnection_queue_position	lse_owned	cam	is_incremental	incremental_explanation
26	**ok**	10/30/19	5/1/20	10/31/20				**0**	
27	**ok**	10/30/19	5/1/20	10/31/20				**0**	
28	**ok**	10/30/19	5/1/20	10/31/20				**0**	
29	**ok**	1/30/20	1/1/20	12/31/22				**0**	
30	**ok**	1/30/20	1/1/20	12/31/22				**0**	
31	**ok**	10/11/18	1/1/20	12/31/20				**0**	
32	**ok**	10/11/18	1/1/20	12/31/20				**0**	
33	**ok**	12/12/19	1/1/20	12/31/20				**0**	
34	**ok**	12/12/19	1/1/20	12/31/20				**0**	
35	**ok**	5/3/19	1/1/20	12/31/21				**0**	
36	**ok**	5/3/19	1/1/20	12/31/21				**0**	
37	**ok**	5/14/19	1/1/20	12/31/22				**0**	
38	**ok**	10/28/19	5/1/20	10/31/20				**0**	
39	**ok**	10/28/19	5/1/20	10/31/20				**0**	
40	**ok**	6/20/19	1/1/20	12/31/22				**0**	
41	**ok**	6/20/19	1/1/20	12/31/22				**0**	
42	**ok**	8/15/19	1/1/21	12/31/22				**0**	
43	**ok**	11/8/19	1/1/21	12/31/22				**0**	
44	**ok**	11/18/19	1/1/20	1/31/20				**0**	
45	**ok**	12/12/19	1/1/20	1/31/20				**0**	
46	**ok**	12/18/19	7/1/20	9/30/20				**0**	
47	**ok**	1/13/20	3/1/20	3/31/20				**0**	
48	**ok**	1/9/20	5/1/20	5/31/20				**0**	
49	**ok**	1/7/20	5/1/20	5/31/20				**0**	
50	**ok**	1/9/20	5/1/20	5/31/20				**0**	

resource_num	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh	is_hybrid	hybrid_generator_mw	hybrid_combined_max_mw	hybrid_can_charge_from_grid
26	ok	ok	ok	ok						
27	ok	ok	ok	ok						
28	ok	ok	ok	ok						
29	ok	ok	ok	ok	4	16	0			
30	ok	ok	ok	ok	6	24	0			
31	ok	ok	ok	ok						
32	ok	ok	ok	ok						
33	ok	ok	ok	ok						
34	ok	ok	ok	ok						
35	ok	ok	ok	ok						
36	ok	ok	ok	ok						
37	ok	ok	ok	ok						
38	ok	ok	ok	ok						
39	ok	ok	ok	ok						
40	ok	ok	ok	ok						
41	ok	ok	ok	ok						
42	ok	ok	ok	ok						
43	ok	ok	ok	ok						
44	ok	ok	ok	ok						
45	ok	ok	ok	ok						
46	ok	ok	ok	ok						
47	ok	ok	ok	ok						
48	ok	ok	ok	ok						
49	ok	ok	ok	ok						
50	ok	ok	ok	ok						

resource_num	execution_year	execution_month	start_year	start_month	end_year	end_month	Test: Correct data type for lse_owned	Test: Correct data type for cam	Test:All data provided for hybrid	TEST: All data provided for contract	TEST: No fillmes	Max MW in September 2021
26	2019	10	2020	5	2020	10	1	1	1	1	1	Redacted
27	2019	10	2020	5	2020	10	1	1	1	1	1	Redacted
28	2019	10	2020	5	2020	10	1	1	1	1	1	Redacted
29	2020	1	2020	1	2022	12	1	1	1	1	1	Redacted
30	2020	1	2020	1	2022	12	1	1	1	1	1	Redacted
31	2018	10	2020	1	2020	12	1	1	1	1	1	Redacted
32	2018	10	2020	1	2020	12	1	1	1	1	1	Redacted
33	2019	12	2020	1	2020	12	1	1	1	1	1	Redacted
34	2019	12	2020	1	2020	12	1	1	1	1	1	Redacted
35	2019	5	2020	1	2021	12	1	1	1	1	1	Redacted
36	2019	5	2020	1	2021	12	1	1	1	1	1	Redacted
37	2019	5	2020	1	2022	12	1	1	1	1	1	Redacted
38	2019	10	2020	5	2020	10	1	1	1	1	1	Redacted
39	2019	10	2020	5	2020	10	1	1	1	1	1	Redacted
40	2019	6	2020	1	2022	12	1	1	1	1	1	Redacted
41	2019	6	2020	1	2022	12	1	1	1	1	1	Redacted
42	2019	8	2021	1	2022	12	1	1	1	1	1	Redacted
43	2019	11	2021	1	2022	12	1	1	1	1	1	Redacted
44	2019	11	2020	1	2020	1	1	1	1	1	1	Redacted
45	2019	12	2020	1	2020	1	1	1	1	1	1	Redacted
46	2019	12	2020	7	2020	9	1	1	1	1	1	Redacted
47	2020	1	2020	3	2020	3	1	1	1	1	1	Redacted
48	2020	1	2020	5	2020	5	1	1	1	1	1	Redacted
49	2020	1	2020	5	2020	5	1	1	1	1	1	Redacted
50	2020	1	2020	5	2020	5	1	1	1	1	1	Redacted

resource_num	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021	Incremental demand-side resource not in IEPR demand forecast in September 2021	find_position_of_adding	find_position_of_mw	Incremental MW added to existing resource September 2021
26	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
27	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
28	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
29	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
30	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
31	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
32	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
33	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
34	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
35	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
36	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
37	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
38	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
39	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
40	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
41	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
42	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
43	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
44	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
45	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
46	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
47	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
48	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
49	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
50	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0

resource_num	resource	note	resource_contract_note	online
51	Redacted	Redacted	Redacted	1
52	Redacted	Redacted	Redacted	1
53	Redacted	Redacted	Redacted	1
54	Redacted	Redacted	Redacted	1
55	Redacted	Redacted	Redacted	1
56	Redacted	Redacted	Redacted	0
57	Redacted	Redacted	Redacted	1
58	Redacted	Redacted	Redacted	1
59	Redacted	Redacted	Redacted	1
60	Redacted	Redacted	Redacted	1
61	Redacted	Redacted	Redacted	1
62	Redacted	Redacted	Redacted	1
63	Redacted	Redacted	Redacted	1
64	Redacted	Redacted	Redacted	1
65	Redacted	Redacted	Redacted	1
66	Redacted	Redacted	Redacted	1
67	Redacted	Redacted	Redacted	1
68	Redacted	Redacted	Redacted	1
69	Redacted	Redacted	Redacted	1
70	Redacted	Redacted	Redacted	1
71	Redacted	Redacted	Redacted	1
72	Redacted	Redacted	Redacted	1
73	Redacted	Redacted	Redacted	1
74	Redacted	Redacted	Redacted	1
75	Redacted	Redacted	Redacted	1

resource_num	online_date_for_new_resources	contract_execution_date	contract_start	contract_end	interconnection_queue_position	lse_owned	cam	is_incremental	incremental_explanation
51	**ok**	1/9/20	5/1/20	5/31/20				**0**	
52	**ok**	1/9/20	5/1/20	5/31/20				**0**	
53	**ok**	2/11/20	1/1/22	12/31/23				**0**	
54	**ok**	3/10/20	1/1/21	12/31/23				**1**	
55	**ok**	3/30/20	6/1/20	6/30/20				**0**	
56	**6/1/22**	3/25/20	6/1/22	12/31/30				**1**	
57	**ok**	4/16/20	7/1/20	7/31/20				**0**	
58	**ok**	4/16/20	7/1/20	7/31/20				**0**	
59	**ok**	4/16/20	7/1/20	7/31/20				**0**	
60	**ok**	4/16/20	7/1/20	7/31/20				**0**	
61	**ok**	4/16/20	7/1/20	7/31/20				**0**	
62	**ok**	4/23/20	8/1/20	10/31/20				**0**	
63	**ok**	4/23/20	8/1/20	10/31/20				**0**	
64	**ok**	4/23/20	8/1/20	10/31/20				**0**	
65	**ok**	4/23/20	8/1/20	8/31/20				**0**	
66	**ok**	4/21/20	8/1/20	8/31/20				**0**	
67	**ok**	4/21/20	8/1/20	8/31/20				**0**	
68	**ok**	4/21/20	8/1/20	8/31/20				**0**	
69	**ok**	4/21/20	8/1/20	8/31/20				**0**	
70	**ok**	4/21/20	8/1/20	8/31/20				**0**	
71	**ok**	4/21/20	8/1/20	8/31/20				**0**	
72	**ok**	4/21/20	8/1/20	8/31/20				**0**	
73	**ok**	4/21/20	8/1/20	8/31/20				**0**	
74	**ok**	4/23/20	8/1/20	8/31/20				**0**	
75	**ok**	4/23/20	8/1/20	8/31/20				**0**	

resource_num	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh	is_hybrid	hybrid_generator_mw	hybrid_combined_max_mw	hybrid_can_charge_from_grid
51	**ok**	**ok**	**ok**	**ok**						
52	**ok**	**ok**	**ok**	**ok**						
53	**ok**	**ok**	**ok**	**ok**						
54	**ok**	**ok**	**ok**	**ok**						
55	**ok**	**ok**	**ok**	**ok**						
56	**3**	**1**	**2**	**2**	5	20	0			
57	**ok**	**ok**	**ok**	**ok**						
58	**ok**	**ok**	**ok**	**ok**						
59	**ok**	**ok**	**ok**	**ok**						
60	**ok**	**ok**	**ok**	**ok**						
61	**ok**	**ok**	**ok**	**ok**						
62	**ok**	**ok**	**ok**	**ok**						
63	**ok**	**ok**	**ok**	**ok**						
64	**ok**	**ok**	**ok**	**ok**						
65	**ok**	**ok**	**ok**	**ok**						
66	**ok**	**ok**	**ok**	**ok**						
67	**ok**	**ok**	**ok**	**ok**						
68	**ok**	**ok**	**ok**	**ok**						
69	**ok**	**ok**	**ok**	**ok**						
70	**ok**	**ok**	**ok**	**ok**						
71	**ok**	**ok**	**ok**	**ok**						
72	**ok**	**ok**	**ok**	**ok**						
73	**ok**	**ok**	**ok**	**ok**						
74	**ok**	**ok**	**ok**	**ok**						
75	**ok**	**ok**	**ok**	**ok**						

resource_num	execution_year	execution_month	start_year	start_month	end_year	end_month	Test: Correct data type for lse_owned	Test: Correct data type for cam	Test:All data provided for hybrid	TEST: All data provided for contract	TEST: No fillmes	Max MW in September 2021
51	2020	1	2020	5	2020	5	1	1	1	1	1	Redacted
52	2020	1	2020	5	2020	5	1	1	1	1	1	Redacted
53	2020	2	2022	1	2023	12	1	1	1	1	1	Redacted
54	2020	3	2021	1	2023	12	1	1	1	1	1	Redacted
55	2020	3	2020	6	2020	6	1	1	1	1	1	Redacted
56	2020	3	2022	6	2030	12	1	1	1	1	1	Redacted
57	2020	4	2020	7	2020	7	1	1	1	1	1	Redacted
58	2020	4	2020	7	2020	7	1	1	1	1	1	Redacted
59	2020	4	2020	7	2020	7	1	1	1	1	1	Redacted
60	2020	4	2020	7	2020	7	1	1	1	1	1	Redacted
61	2020	4	2020	7	2020	7	1	1	1	1	1	Redacted
62	2020	4	2020	8	2020	10	1	1	1	1	1	Redacted
63	2020	4	2020	8	2020	10	1	1	1	1	1	Redacted
64	2020	4	2020	8	2020	10	1	1	1	1	1	Redacted
65	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
66	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
67	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
68	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
69	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
70	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
71	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
72	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
73	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
74	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
75	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted

resource_num	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021	Incremental demand-side resource not in IEPR demand forecast in September 2021	find_position_of_adding	find_position_of_mw	Incremental MW added to existing resource September 2021
51	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
52	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
53	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
54	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
55	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
56	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
57	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
58	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
59	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
60	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
61	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
62	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
63	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
64	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
65	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
66	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
67	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
68	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
69	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
70	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
71	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
72	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
73	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
74	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
75	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0

resource_num	resource	note	resource_contract_note	online
76	Redacted	Redacted	Redacted	1
77	Redacted	Redacted	Redacted	1
78	Redacted	Redacted	Redacted	1
79	Redacted	Redacted	Redacted	1
80	Redacted	Redacted	Redacted	1
81	Redacted	Redacted	Redacted	1
82	Redacted	Redacted	Redacted	1
83	Redacted	Redacted	Redacted	1
84	Redacted	Redacted	Redacted	1
85	Redacted	Redacted	Redacted	1
86	Redacted	Redacted	Redacted	1
87	Redacted	Redacted	Redacted	1
88	Redacted	Redacted	Redacted	1
89	Redacted	Redacted	Redacted	1
90	Redacted	Redacted	Redacted	1
91	Redacted	Redacted	Redacted	1
92	Redacted	Redacted	Redacted	1
93	Redacted	Redacted	Redacted	1
94	Redacted	Redacted	Redacted	1
95	Redacted	Redacted	Redacted	1
96	Redacted	Redacted	Redacted	1
97	Redacted	Redacted	Redacted	1
98	Redacted	Redacted	Redacted	1
99	Redacted	Redacted	Redacted	1
100	Redacted	Redacted	Redacted	1

resource_num	online_date_for_new_resources	contract_execution_date	contract_start	contract_end	interconnection_queue_position	lse_owned	cam	is_incremental	incremental_explanation
76	**ok**	4/17/20	8/1/20	8/31/20				**0**	
77	**ok**	4/17/20	8/1/20	8/31/20				**0**	
78	**ok**	4/17/20	8/1/20	8/31/20				**0**	
79	**ok**	4/17/20	8/1/20	8/31/20				**0**	
80	**ok**	4/17/20	8/1/20	8/31/20				**0**	
81	**ok**	4/17/20	8/1/20	8/31/20				**0**	
82	**ok**	4/17/20	8/1/20	8/31/20				**0**	
83	**ok**	4/17/20	8/1/20	8/31/20				**0**	
84	**ok**	5/28/20	10/1/20	10/31/20				**0**	
85	**ok**	6/4/20	9/1/20	9/30/20				**0**	
86	**ok**	5/14/20	8/1/20	8/31/20				**0**	
87	**ok**	5/14/20	8/1/20	8/31/20				**0**	
88	**ok**	5/14/20	8/1/20	8/31/20				**0**	
89	**ok**	5/14/20	8/1/20	8/31/20				**0**	
90	**ok**	6/2/20	6/1/20	6/28/20				**0**	
91	**ok**	6/2/20	6/6/20	6/28/20				**0**	
92	**ok**	6/2/20	6/6/20	6/28/20				**0**	
93	**ok**	6/16/20	1/1/21	12/31/21				**0**	
94	**ok**	6/16/20	1/1/21	12/31/21				**0**	
95	**ok**	6/26/20	9/1/20	9/30/20				**0**	
96	**ok**	7/10/20	9/1/20	9/30/20				**0**	
97	**ok**	6/16/20	9/1/20	9/30/20				**0**	
98	**ok**	7/15/20	4/1/21	10/31/21				**0**	
99	**ok**	7/15/20	4/1/21	10/31/21				**0**	
100	**ok**	7/15/20	4/1/21	10/31/21				**0**	

resource_num	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh	is_hybrid	hybrid_generator_mw	hybrid_combined_max_mw	hybrid_can_charge_from_grid
76	ok	ok	ok	ok						
77	ok	ok	ok	ok						
78	ok	ok	ok	ok						
79	ok	ok	ok	ok						
80	ok	ok	ok	ok						
81	ok	ok	ok	ok						
82	ok	ok	ok	ok						
83	ok	ok	ok	ok						
84	ok	ok	ok	ok						
85	ok	ok	ok	ok						
86	ok	ok	ok	ok						
87	ok	ok	ok	ok						
88	ok	ok	ok	ok						
89	ok	ok	ok	ok						
90	ok	ok	ok	ok						
91	ok	ok	ok	ok						
92	ok	ok	ok	ok						
93	ok	ok	ok	ok						
94	ok	ok	ok	ok						
95	ok	ok	ok	ok						
96	ok	ok	ok	ok						
97	ok	ok	ok	ok						
98	ok	ok	ok	ok						
99	ok	ok	ok	ok						
100	ok	ok	ok	ok						

resource_num	execution_year	execution_month	start_year	start_month	end_year	end_month	Test: Correct data type for lse_owned	Test: Correct data type for cam	Test:All data provided for hybrid	TEST: All data provided for contract	TEST: No fillmes	Max MW in September 2021
76	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
77	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
78	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
79	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
80	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
81	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
82	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
83	2020	4	2020	8	2020	8	1	1	1	1	1	Redacted
84	2020	5	2020	10	2020	10	1	1	1	1	1	Redacted
85	2020	6	2020	9	2020	9	1	1	1	1	1	Redacted
86	2020	5	2020	8	2020	8	1	1	1	1	1	Redacted
87	2020	5	2020	8	2020	8	1	1	1	1	1	Redacted
88	2020	5	2020	8	2020	8	1	1	1	1	1	Redacted
89	2020	5	2020	8	2020	8	1	1	1	1	1	Redacted
90	2020	6	2020	6	2020	6	1	1	1	1	1	Redacted
91	2020	6	2020	6	2020	6	1	1	1	1	1	Redacted
92	2020	6	2020	6	2020	6	1	1	1	1	1	Redacted
93	2020	6	2021	1	2021	12	1	1	1	1	1	Redacted
94	2020	6	2021	1	2021	12	1	1	1	1	1	Redacted
95	2020	6	2020	9	2020	9	1	1	1	1	1	Redacted
96	2020	7	2020	9	2020	9	1	1	1	1	1	Redacted
97	2020	6	2020	9	2020	9	1	1	1	1	1	Redacted
98	2020	7	2021	4	2021	10	1	1	1	1	1	Redacted
99	2020	7	2021	4	2021	10	1	1	1	1	1	Redacted
100	2020	7	2021	4	2021	10	1	1	1	1	1	Redacted

resource_num	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021	Incremental demand-side resource not in IEPR demand forecast in September 2021	find_position_of_adding	find_position_of_mw	Incremental MW added to existing resource September 2021
76	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
77	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
78	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
79	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
80	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
81	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
82	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
83	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
84	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
85	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
86	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
87	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
88	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
89	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
90	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
91	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
92	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
93	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
94	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
95	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
96	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
97	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
98	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
99	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
100	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0

resource_num	resource	note	resource_contract_note	online
101	Redacted	Redacted	Redacted	1
102	Redacted	Redacted	Redacted	1
103	Redacted	Redacted	Redacted	1
104	Redacted	Redacted	Redacted	1
105	Redacted	Redacted	Redacted	1
106	Redacted	Redacted	Redacted	1
107	Redacted	Redacted	Redacted	1
108	Redacted	Redacted	Redacted	1
109	Redacted	Redacted	Redacted	1
110	Redacted	Redacted	Redacted	1
111	Redacted	Redacted	Redacted	1
112	Redacted	Redacted	Redacted	1
113	Redacted	Redacted	Redacted	1
114	Redacted	Redacted	Redacted	0
115	Redacted	Redacted	Redacted	1
116	Redacted	Redacted	Redacted	1
117	Redacted	Redacted	Redacted	1
118	Redacted	Redacted	Redacted	1
119	Redacted	Redacted	Redacted	1
120	Redacted	Redacted	Redacted	1
121	Redacted	Redacted	Redacted	0
122	Redacted	Redacted	Redacted	0
123	Redacted	Redacted	Redacted	1
124	Redacted	Redacted	Redacted	1

resource_num	online_date_for_new_resources	contract_execution_date	contract_start	contract_end	interconnection_queue_position	lse_owned	cam	is_incremental	incremental_explanation
101	**ok**	7/8/20	10/1/20	10/31/20				**0**	
102	**ok**	7/8/20	10/1/20	10/31/20				**0**	
103	**ok**	7/30/20	10/1/20	10/31/20				**0**	
104	**ok**	7/30/20	10/1/20	10/31/20				**0**	
105	**ok**	7/30/20	10/1/20	10/31/20				**0**	
106	**ok**	7/30/20	10/1/20	10/31/20				**0**	
107	**ok**	7/24/20	10/1/20	10/31/20				**0**	
108	**ok**	7/24/20	10/1/20	10/31/20				**0**	
109	**ok**	8/5/20	1/1/21	12/31/21				**0**	
110	**ok**	8/5/20	1/1/21	12/31/21				**0**	
111	**ok**	8/5/20	1/1/21	12/31/21				**0**	
112	**ok**	8/5/20	1/1/21	12/31/21				**0**	
113	**ok**	1/1/20	1/1/20	12/31/30			1	**0**	
114	**1/1/22**	12/1/20	1/1/22	12/31/36		0		**1**	
115	**ok**	12/31/21	12/31/21	12/31/31		0		**0**	
116	**ok**	12/31/21	12/31/21	12/31/31		0		**0**	
117	**ok**	12/31/21	12/31/21	12/31/31		0		**0**	
118	**ok**	12/31/21	12/31/21	12/31/31		0		**0**	
119	**ok**	6/1/22	1/1/23	12/31/30		0		**0**	
120	**ok**	6/1/22	1/1/23	12/31/30		0		**0**	
121	**1/1/26**	6/1/24	1/1/26	12/31/35		0		**1**	
122	**1/1/23**	12/31/21	1/1/23	12/31/37		0		**1**	
123	**ok**	10/1/20	1/1/21	12/31/28		0		**0**	
124	**ok**	10/31/20	1/1/21	12/31/30		0		**0**	

resource_num	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw	storage_depth_mwh	is_hybrid	hybrid_generator_mw	hybrid_combined_max_mw	hybrid_can_charge_from_grid
101	**ok**	**ok**	**ok**	**ok**						
102	**ok**	**ok**	**ok**	**ok**						
103	**ok**	**ok**	**ok**	**ok**						
104	**ok**	**ok**	**ok**	**ok**						
105	**ok**	**ok**	**ok**	**ok**						
106	**ok**	**ok**	**ok**	**ok**						
107	**ok**	**ok**	**ok**	**ok**						
108	**ok**	**ok**	**ok**	**ok**						
109	**ok**	**ok**	**ok**	**ok**						
110	**ok**	**ok**	**ok**	**ok**						
111	**ok**	**ok**	**ok**	**ok**						
112	**ok**	**ok**	**ok**	**ok**						
113	**ok**	**ok**	**ok**	**ok**						
114	**3**	**1**	**2**	**4**						
115	**ok**	**ok**	**ok**	**ok**						
116	**ok**	**ok**	**ok**	**ok**						
117	**ok**	**ok**	**ok**	**ok**						
118	**ok**	**ok**	**ok**	**ok**						
119	**ok**	**ok**	**ok**	**ok**						
120	**ok**	**ok**	**ok**	**ok**						
121	**3**	**1**	**2**	**4**	4	32	0			
122	**3**	**1**	**2**	**4**	8	30	1	15	23	0
123	**ok**	**ok**	**ok**	**ok**						
124	**ok**	**ok**	**ok**	**ok**						

resource_num	execution_year	execution_month	start_year	start_month	end_year	end_month	Test: Correct data type for lse_owned	Test: Correct data type for cam	Test:All data provided for hybrid	TEST: All data provided for contract	TEST: No fillmes	Max MW in September 2021
101	2020	7	2020	10	2020	10	1	1	1	1	1	Redacted
102	2020	7	2020	10	2020	10	1	1	1	1	1	Redacted
103	2020	7	2020	10	2020	10	1	1	1	1	1	Redacted
104	2020	7	2020	10	2020	10	1	1	1	1	1	Redacted
105	2020	7	2020	10	2020	10	1	1	1	1	1	Redacted
106	2020	7	2020	10	2020	10	1	1	1	1	1	Redacted
107	2020	7	2020	10	2020	10	1	1	1	1	1	Redacted
108	2020	7	2020	10	2020	10	1	1	1	1	1	Redacted
109	2020	8	2021	1	2021	12	1	1	1	1	1	Redacted
110	2020	8	2021	1	2021	12	1	1	1	1	1	Redacted
111	2020	8	2021	1	2021	12	1	1	1	1	1	Redacted
112	2020	8	2021	1	2021	12	1	1	1	1	1	Redacted
113	2020	1	2020	1	2030	12	1	1	1	1	1	Redacted
114	2020	12	2022	1	2036	12	1	1	1	1	1	Redacted
115	2021	12	2021	12	2031	12	1	1	1	1	1	Redacted
116	2021	12	2021	12	2031	12	1	1	1	1	1	Redacted
117	2021	12	2021	12	2031	12	1	1	1	1	1	Redacted
118	2021	12	2021	12	2031	12	1	1	1	1	1	Redacted
119	2022	6	2023	1	2030	12	1	1	1	1	1	Redacted
120	2022	6	2023	1	2030	12	1	1	1	1	1	Redacted
121	2024	6	2026	1	2035	12	1	1	1	1	1	Redacted
122	2021	12	2023	1	2037	12	1	1	1	1	1	Redacted
123	2020	10	2021	1	2028	12	1	1	1	1	1	Redacted
124	2020	10	2021	1	2030	12	1	1	1	1	1	Redacted

resource_num	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021	Incremental demand-side resource not in IEPR demand forecast in September 2021	find_position_of_adding	find_position_of_mw	Incremental MW added to existing resource September 2021
101	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
102	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
103	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
104	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
105	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
106	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
107	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
108	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
109	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
110	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
111	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
112	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
113	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
114	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
115	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
116	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
117	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
118	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
119	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
120	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
121	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
122	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
123	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0
124	Redacted	Redacted	Redacted	0	#VALUE!	#VALUE!	0

monthly_gwh_mw

Test: Correct data type for resource	Test: Correct data type for Year	Test: Correct data type for Month	TEST: No blanks in energy and capacity data	TEST: No missing data	Test: Correct data type for max_mw	TEST: NQC provided only once	TEST: Working ELCC type
0	0	0	0	0	0	0	0

unique_contracts

Test: Correct data type for lse_owned	Test: Correct data type for cam	Test:All data provided for hybrid	TEST: All data provided for contract	TEST: No fillmes
0	0	0	0	0

monthly_gwh_mw

notes	max_mw	resource_type	currently_online	elcc_type
0	0	0	0	0

unique_contracts

online_date_for_new_resources	is_incremental	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing
0	0	0	0	0	0

[redacted]

[redacted]

[redacted]