38	<--- 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
	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
	NCPA - Greater Bay Area	198	194	190	188	186	185	186	186	186
	Power Enterprise of the San Francisco PUC	125	123	120	118	117	117	117	117	117
	Silicon Valley Power	530	542	540	546	553	562	569	570	570
	Other NP15 LSEs - Bay Area	5	5	5	5	5	5	5	5	5
	CDWR - Greater Bay Area	55	55	57	57	57	57	56	56	56
	WAPA - Greater Bay Area	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**
	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
	NCPA - Non Bay Area	211	207	202	200	199	198	198	198	199
	Other NP15 LSEs - Non Bay Area	7	7	7	7	7	7	7	7	7
	CDWR - Non Bay Area	55	55	57	57	57	57	56	56	56
	WAPA - Non Bay Area	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**
	PG&E Service Area - ZP26	2,047	2,016	1,975	1,963	1,956	1,955	1,962	1,970	1,977
	CDWR - ZP26	115	115	120	120	120	120	119	118	118
	WAPA - ZP26	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**
Total Valley		**12,591**	**12,403**	**12,167**	**12,091**	**12,050**	**12,043**	**12,081**	**12,130**	**12,173**
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**
	Turlock Irrigation District	543	535	531	530	528	527	525	524	524
	Merced	109	108	107	107	106	106	106	106	106
Total Turlock Irrigation District Control Area		**652**	**643**	**638**	**637**	**634**	**633**	**631**	**630**	**629**
	SMUD	2,959	2,916	2,899	2,897	2,890	2,881	2,870	2,861	2,861
	Modesto Irrigation District	674	664	659	658	656	654	652	651	650

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	2028	2029	2030	Average Annual Growth (2019-2030)	CAISO area Non-IOU,CCA,ESP demand flag
	PG&E Service Area - Greater Bay Area	7,032	7,025	7,062	-0.20%	
	NCPA - Greater Bay Area	187	186	188	-0.49%	1
	Power Enterprise of the San Francisco PUC	118	118	118	-0.49%	1
	Silicon Valley Power	573	571	575	0.75%	1
	Other NP15 LSEs - Bay Area	5	5	5	-0.69%	1
	CDWR - Greater Bay Area	56	56	60	0.92%	1
	WAPA - Greater Bay Area	52	52	52	0.00%	1
Greater Bay Area Subtotal		**8,023**	**8,013**	**8,061**	**-0.14%**	
	PG&E Service Area - Non Bay Area	9,691	9,682	9,734	-0.20%	
	NCPA - Non Bay Area	200	199	200	-0.49%	1
	Other NP15 LSEs - Non Bay Area	7	7	7	-0.49%	1
	CDWR - Non Bay Area	56	56	60	0.92%	1
	WAPA - Non Bay Area	185	185	185	0.00%	1
Total North of Path 15		**18,161**	**18,142**	**18,247**	**-0.17%**	
	PG&E Service Area - ZP26	1,993	1,991	2,002	-0.20%	
	CDWR - ZP26	118	118	127	0.92%	1
	WAPA - ZP26	15	15	15	0.00%	1
Total Zone Path 26		**2,126**	**2,124**	**2,144**	**-0.14%**	
Total Valley		**12,265**	**12,253**	**12,330**	**-0.19%**	
Total North of Path 26 (Total PG&E TAC Area)		**20,287**	**20,266**	**20,391**	**-0.17%**	
	Turlock Irrigation District	524	525	527	-0.27%	
	Merced	106	106	106	-0.27%	
Total Turlock Irrigation District Control Area		**630**	**631**	**633**	**-0.27%**	
	SMUD	2,869	2,882	2,895	-0.20%	
	Modesto Irrigation District	651	652	654	-0.27%	

Balancing Authority	Agency	2019	2020	2021	2022	2023	2024	2025	2026	2027
	Roseville	325	321	318	318	316	316	315	314	314
	Redding	221	217	216	215	215	214	213	213	213
	City of Shasta Lake	35	34	34	34	34	34	33	33	33
	WAPA (BANC)	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**
	SCE Service Area - LA Basin	16,297	16,109	15,975	15,861	15,850	15,796	15,753	15,749	15,769
	Anaheim	526	520	515	512	511	509	508	508	509
	Pasadena Water and Power	273	270	267	265	265	264	264	264	264
	Riverside	594	587	582	578	577	575	574	574	574
	Vernon	149	147	171	170	169	169	169	169	169
	Other SP15 LSEs - LA Basin	246	243	241	240	239	239	238	238	238
	MWD - LA Basin	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**
	SCE Service Area - Big Creek/Ventura	3,996	3,950	3,917	3,889	3,886	3,873	3,862	3,861	3,866
	CDWR - Big Creek/Ventura	290	275	275	275	275	275	275	276	276
Big Creek/Ventura Subtotal		**4,286**	**4,224**	**4,192**	**4,164**	**4,161**	**4,148**	**4,137**	**4,137**	**4,142**
	SCE Service Area - Other	1,010	999	990	983	983	979	977	976	977
	Other SP15 LSEs - Other	26	26	25	25	25	25	25	25	25
	CDWR - Other	47	45	45	45	45	45	45	45	45
	MWD - Other	163	154	154	154	154	154	154	154	154
Total SCE TAC Area		**23,637**	**23,343**	**23,177**	**23,015**	**23,000**	**22,923**	**22,862**	**22,859**	**22,886**
SDG&E TAC Area		**4,194**	**4,138**	**4,158**	**4,194**	**4,224**	**4,250**	**4,273**	**4,292**	**4,313**
Valley Electric Association (CA + NV Territory)		**133**	**145**	**153**	**156**	**159**	**161**	**164**	**166**	**169**
Total South of Path 26		**27,964**	**27,625**	**27,488**	**27,366**	**27,383**	**27,334**	**27,299**	**27,317**	**27,368**
	LADWP	5,787	5,696	5,608	5,555	5,450	5,368	5,246	5,160	5,059
	Burbank	286	284	284	285	283	282	281	279	279
	Glendale	297	295	294	295	294	292	291	290	289

Balancing Authority	Agency	2028	2029	2030	Average Annual Growth (2019-2030)	CAISO area Non-IOU,CCA,ESP demand flag
	Roseville	314	315	316	-0.27%	
	Redding	213	213	214	-0.27%	
	City of Shasta Lake	33	34	34	-0.27%	
	WAPA (BANC)	90	90	90	0.00%	
Total Balancing Authority of Northern California Control Area		**4,171**	**4,186**	**4,202**	**-0.22%**	
	SCE Service Area - LA Basin	15,789	15,883	16,027	-0.15%	
	Anaheim	509	512	517	-0.15%	1
	Pasadena Water and Power	264	266	268	-0.15%	1
	Riverside	575	579	584	-0.15%	1
	Vernon	169	170	171	1.26%	1
	Other SP15 LSEs - LA Basin	239	240	242	-0.15%	1
	MWD - LA Basin	20	20	20	0.00%	1
LA Basin Subtotal		**17,565**	**17,669**	**17,829**	**-0.14%**	
	SCE Service Area - Big Creek/Ventura	3,871	3,894	3,929	-0.15%	
	CDWR - Big Creek/Ventura	303	303	303	0.40%	1
Big Creek/Ventura Subtotal		**4,174**	**4,197**	**4,233**	**-0.11%**	
	SCE Service Area - Other	979	985	993	-0.15%	
	Other SP15 LSEs - Other	25	25	25	-0.15%	1
	CDWR - Other	50	50	50	0.40%	1
	MWD - Other	171	172	172	0.45%	1
Total SCE TAC Area		**22,964**	**23,097**	**23,301**	**-0.13%**	
SDG&E TAC Area		**4,334**	**4,354**	**4,373**	**0.38%**	
Valley Electric Association (CA + NV Territory)		**171**	**173**	**176**	**2.53%**	1
Total South of Path 26		**27,469**	**27,625**	**27,850**	**-0.04%**	
	LADWP	4,992	4,940	4,872	-1.55%	
	Burbank	279	281	283	-0.11%	
	Glendale	290	291	293	-0.11%	

Balancing Authority	Agency	2019	2020	2021	2022	2023	2024	2025	2026	2027
Total LADWP Control Area		6,370	6,275	6,186	6,135	6,028	5,942	5,818	5,729	5,627
Imperial Irrigation District Control Area		1,071	1,056	1,045	1,037	1,030	1,024	1,019	1,017	1,017
Total California ISO Noncoincident Peak		48,743	48,112	47,589	47,349	47,306	47,253	47,287	47,384	47,505
Total California ISO Coincident Peak		46,117	45,647	45,184	45,280	45,447	45,610	45,827	46,011	46,227
Total STATEWIDE Noncoincident Peak		61,141	60,327	59,673	59,369	59,198	59,040	58,929	58,923	58,940
Total STATEWIDE Coincident Peak		57,848	57,236	56,658	56,775	56,872	56,987	57,109	57,216	57,354

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	Redacted

		2,020	2,021	2,022	2,023	2,024	2,025	2,026	2,027
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
CAISO area IOU,CCA,ESP non-coincident demand		44,127	43,592	43,361	43,314	43,259	43,288	43,380	43,496
coincident adjustment		95%	95%	96%	96%	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
Your LSE'S estimated percent of CAISO area IOU,CCA,ESP coincident demand	0%								
Your LSE's estimated system RA requirement, NQC MW		170	168	169	169	170	171	171	172

Test TRUE

Balancing Authority	Agency	2028	2029	2030	Average Annual Growth (2019-2030)	CAISO area Non-IOU,CCA,ESP demand flag
Total LADWP Control Area		5,561	5,512	5,448	-1.41%	
Imperial Irrigation District Control Area		1,020	1,026	1,033	-0.33%	
Total California ISO Noncoincident Peak		47,757	47,891	48,241	-0.09%	
Total California ISO Coincident Peak		46,493	46,702	47,016	0.18%	
Total STATEWIDE Noncoincident Peak		59,138	59,246	59,558	-0.24%	
Total STATEWIDE Coincident Peak		57,572	57,776	58,045	0.03%	

Table developed using weather normalized 2019 net peak demand values for each BA area. Inlcudes the impact of IOU load-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	Redacted

	2,028	2,029	2,030
CAISO area Non-IOU,CCA,ESP non-coincident demand	4,068	4,077	4,120
CAISO area IOU,CCA,ESP non-coincident demand	43,689	43,813	44,121
coincident adjustment	97%	98%	97%
CAISO area IOU,CCA,ESP coincident demand	42,533	42,726	43,000

Your LSE'S estimated percent of CAISO area IOU,CCA,ESP coincident demand			
Your LSE's estimated system RA requirement, NQC MW	173	174	175

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	1	3.72	Redacted		online		Redacted
3	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	2	3.48	Redacted		online		Redacted
4	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	3	3.72	Redacted		online		Redacted
5	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	4	2.4	Redacted		online		Redacted
6	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	5	2.48	Redacted		online		Redacted
7	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	6	3.15	Redacted		online		Redacted
8	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	7	4.65	Redacted		online		Redacted
9	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	8	4.65	Redacted		online		Redacted
10	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	9	2.4	Redacted		online		Redacted
11	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	10	2.84	Redacted		online		Redacted
12	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	11	3.6	Redacted		online		Redacted
13	LCE	unspecified_non_import	1079 MSCG_Shaped_1_LCE	2020	12	3.72	Redacted		online		Redacted
14	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	1	5.155	Redacted		online		Redacted
15	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	2	4.235	Redacted		online		Redacted
16	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	3	3.095	Redacted		online		Redacted
17	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	4	2.87	Redacted		online		Redacted
18	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	5	3.945	Redacted		online		Redacted
19	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	6	15.63	Redacted		online		Redacted
20	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	7	19.2	Redacted		online		Redacted
21	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	8	18.36	Redacted		online		Redacted
22	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	9	8.49	Redacted		online		Redacted
23	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	10	6.195	Redacted		online		Redacted
24	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	11	4.36	Redacted		online		Redacted
25	LCE	unspecified_non_import	1242 Direct_Shaped_4_LCE	2020	12	7.215	Redacted		online		Redacted
26	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	1	7.142	Redacted		online		Redacted
27	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	2	5.336	Redacted		online		Redacted
28	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	3	4.586	Redacted		online		Redacted
29	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	4	4.352	Redacted		online		Redacted
30	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	5	5.376	Redacted		online		Redacted
31	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	6	11.688	Redacted		online		Redacted

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

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2	Redacted	ok	special	1	0
3	Redacted	ok	special	1	0
4	Redacted	ok	special	1	0
5	Redacted	ok	special	1	0
6	Redacted	ok	special	1	0
7	Redacted	ok	special	1	0
8	Redacted	ok	special	1	0
9	Redacted	ok	special	1	0
10	Redacted	ok	special	1	0
11	Redacted	ok	special	1	0
12	Redacted	ok	special	1	0
13	Redacted	ok	special	1	0
14	Redacted	ok	special	1	0
15	Redacted	ok	special	1	0
16	Redacted	ok	special	1	0
17	Redacted	ok	special	1	0
18	Redacted	ok	special	1	0
19	Redacted	ok	special	1	0
20	Redacted	ok	special	1	0
21	Redacted	ok	special	1	0
22	Redacted	ok	special	1	0
23	Redacted	ok	special	1	0
24	Redacted	ok	special	1	0
25	Redacted	ok	special	1	0
26	Redacted	ok	special	1	0
27	Redacted	ok	special	1	0
28	Redacted	ok	special	1	0
29	Redacted	ok	special	1	0
30	Redacted	ok	special	1	0
31	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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
32	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	7	13.483	Redacted		online		Redacted
33	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	8	13.436	Redacted		online		Redacted
34	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	9	9.015	Redacted		online		Redacted
35	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	10	7.688	Redacted		online		Redacted
36	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	11	5.92	Redacted		online		Redacted
37	LCE	unspecified_non_import	1243 Direct_Shaped_5_LCE	2020	12	7.592	Redacted		online		Redacted
38	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	1	10.377	Redacted		online		Redacted
39	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	2	9.832	Redacted		online		Redacted
40	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	3	11.499	Redacted		online		Redacted
41	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	4	11.23	Redacted		online		Redacted
42	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	5	11.679	Redacted		online		Redacted
43	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	6	15.256	Redacted		online		Redacted
44	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	7	18.228	Redacted		online		Redacted
45	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	8	19.659	Redacted		online		Redacted
46	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	9	16.353	Redacted		online		Redacted
47	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	10	12.572	Redacted		online		Redacted
48	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	11	11.372	Redacted		online		Redacted
49	LCE	unspecified_non_import	1244 Direct_Shaped_6_LCE	2021	12	10.013	Redacted		online		Redacted
50	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	1	1.392350635	Redacted		online		Redacted
51	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	2	1.451991279	Redacted		online		Redacted
52	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	3	2.308249859	Redacted		online		Redacted
53	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	4	2.367397019	Redacted		online		Redacted
54	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	5	2.830979033	Redacted		online		Redacted
55	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	6	2.961073224	Redacted		online		Redacted
56	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	7	2.996775268	Redacted		online		Redacted
57	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	8	2.793912239	Redacted		online		Redacted
58	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	9	2.366447768	Redacted		online		Redacted
59	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	10	2.023065763	Redacted		online		Redacted
60	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	11	1.495196731	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
32	Redacted	unspecified_non_import	1	unknown	unknown_2020_7	0	1	#N/A
33	Redacted	unspecified_non_import	1	unknown	unknown_2020_8	0	1	#N/A
34	Redacted	unspecified_non_import	1	unknown	unknown_2020_9	0	1	#N/A
35	Redacted	unspecified_non_import	1	unknown	unknown_2020_10	0	1	#N/A
36	Redacted	unspecified_non_import	1	unknown	unknown_2020_11	0	1	#N/A
37	Redacted	unspecified_non_import	1	unknown	unknown_2020_12	0	1	#N/A
38	Redacted	unspecified_non_import	1	unknown	unknown_2021_1	0	1	#N/A
39	Redacted	unspecified_non_import	1	unknown	unknown_2021_2	0	1	#N/A
40	Redacted	unspecified_non_import	1	unknown	unknown_2021_3	0	1	#N/A
41	Redacted	unspecified_non_import	1	unknown	unknown_2021_4	0	1	#N/A
42	Redacted	unspecified_non_import	1	unknown	unknown_2021_5	0	1	#N/A
43	Redacted	unspecified_non_import	1	unknown	unknown_2021_6	0	1	#N/A
44	Redacted	unspecified_non_import	1	unknown	unknown_2021_7	0	1	#N/A
45	Redacted	unspecified_non_import	1	unknown	unknown_2021_8	0	1	#N/A
46	Redacted	unspecified_non_import	1	unknown	unknown_2021_9	0	1	#N/A
47	Redacted	unspecified_non_import	1	unknown	unknown_2021_10	0	1	#N/A
48	Redacted	unspecified_non_import	1	unknown	unknown_2021_11	0	1	#N/A
49	Redacted	unspecified_non_import	1	unknown	unknown_2021_12	0	1	#N/A
50	Redacted	CAISO_Solar	1	solar	solar_2020_1	0.04	1	#N/A
51	Redacted	CAISO_Solar	1	solar	solar_2020_2	0.03	1	#N/A
52	Redacted	CAISO_Solar	1	solar	solar_2020_3	0.18	1	#N/A
53	Redacted	CAISO_Solar	1	solar	solar_2020_4	0.15	1	#N/A
54	Redacted	CAISO_Solar	1	solar	solar_2020_5	0.16	1	#N/A
55	Redacted	CAISO_Solar	1	solar	solar_2020_6	0.31	1	#N/A
56	Redacted	CAISO_Solar	1	solar	solar_2020_7	0.39	1	#N/A
57	Redacted	CAISO_Solar	1	solar	solar_2020_8	0.27	1	#N/A
58	Redacted	CAISO_Solar	1	solar	solar_2020_9	0.14	1	#N/A
59	Redacted	CAISO_Solar	1	solar	solar_2020_10	0.02	1	#N/A
60	Redacted	CAISO_Solar	1	solar	solar_2020_11	0.02	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
32	Redacted	ok	special	1	0
33	Redacted	ok	special	1	0
34	Redacted	ok	special	1	0
35	Redacted	ok	special	1	0
36	Redacted	ok	special	1	0
37	Redacted	ok	special	1	0
38	Redacted	ok	special	1	0
39	Redacted	ok	special	1	0
40	Redacted	ok	special	1	0
41	Redacted	ok	special	1	0
42	Redacted	ok	special	1	0
43	Redacted	ok	special	1	0
44	Redacted	ok	special	1	0
45	Redacted	ok	special	1	0
46	Redacted	ok	special	1	0
47	Redacted	ok	special	1	0
48	Redacted	ok	special	1	0
49	Redacted	ok	special	1	0
50	Redacted	ok	physical	1	1
51	Redacted	ok	physical	1	1
52	Redacted	ok	physical	1	1
53	Redacted	ok	physical	1	1
54	Redacted	ok	physical	1	1
55	Redacted	ok	physical	1	1
56	Redacted	ok	physical	1	1
57	Redacted	ok	physical	1	1
58	Redacted	ok	physical	1	1
59	Redacted	ok	physical	1	1
60	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
61	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2020	12	1.346236155	Redacted		online		Redacted
62	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	1	1.385388882	Redacted		online		Redacted
63	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	2	1.394913001	Redacted		online		Redacted
64	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	3	2.29670861	Redacted		online		Redacted
65	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	4	2.355560034	Redacted		online		Redacted
66	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	5	2.816824138	Redacted		online		Redacted
67	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	6	2.946267858	Redacted		online		Redacted
68	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	7	2.981791392	Redacted		online		Redacted
69	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	8	2.779942678	Redacted		online		Redacted
70	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	9	2.35461553	Redacted		online		Redacted
71	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	10	2.012950435	Redacted		online		Redacted
72	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	11	1.487720748	Redacted		online		Redacted
73	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2021	12	1.339504974	Redacted		online		Redacted
74	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	1	1.378461937	Redacted		online		Redacted
75	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	2	1.387938437	Redacted		online		Redacted
76	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	3	2.285225067	Redacted		online		Redacted
77	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	4	2.343782234	Redacted		online		Redacted
78	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	5	2.802740017	Redacted		online		Redacted
79	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	6	2.931536519	Redacted		online		Redacted
80	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	7	2.966882435	Redacted		online		Redacted
81	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	8	2.766042965	Redacted		online		Redacted
82	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	9	2.342842451	Redacted		online		Redacted
83	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	10	2.002885683	Redacted		online		Redacted
84	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	11	1.480282144	Redacted		online		Redacted
85	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2022	12	1.332807449	Redacted		online		Redacted
86	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	1	1.371569628	Redacted		online		Redacted
87	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	2	1.380998744	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
61	Redacted	CAISO_Solar	1	solar	solar_2020_12	0	1	#N/A
62	Redacted	CAISO_Solar	1	solar	solar_2021_1	0.04	1	#N/A
63	Redacted	CAISO_Solar	1	solar	solar_2021_2	0.03	1	#N/A
64	Redacted	CAISO_Solar	1	solar	solar_2021_3	0.18	1	#N/A
65	Redacted	CAISO_Solar	1	solar	solar_2021_4	0.15	1	#N/A
66	Redacted	CAISO_Solar	1	solar	solar_2021_5	0.16	1	#N/A
67	Redacted	CAISO_Solar	1	solar	solar_2021_6	0.31	1	#N/A
68	Redacted	CAISO_Solar	1	solar	solar_2021_7	0.39	1	#N/A
69	Redacted	CAISO_Solar	1	solar	solar_2021_8	0.27	1	#N/A
70	Redacted	CAISO_Solar	1	solar	solar_2021_9	0.14	1	#N/A
71	Redacted	CAISO_Solar	1	solar	solar_2021_10	0.02	1	#N/A
72	Redacted	CAISO_Solar	1	solar	solar_2021_11	0.02	1	#N/A
73	Redacted	CAISO_Solar	1	solar	solar_2021_12	0	1	#N/A
74	Redacted	CAISO_Solar	1	solar	solar_2022_1	0.04	1	#N/A
75	Redacted	CAISO_Solar	1	solar	solar_2022_2	0.03	1	#N/A
76	Redacted	CAISO_Solar	1	solar	solar_2022_3	0.18	1	#N/A
77	Redacted	CAISO_Solar	1	solar	solar_2022_4	0.15	1	#N/A
78	Redacted	CAISO_Solar	1	solar	solar_2022_5	0.16	1	#N/A
79	Redacted	CAISO_Solar	1	solar	solar_2022_6	0.31	1	#N/A
80	Redacted	CAISO_Solar	1	solar	solar_2022_7	0.39	1	#N/A
81	Redacted	CAISO_Solar	1	solar	solar_2022_8	0.27	1	#N/A
82	Redacted	CAISO_Solar	1	solar	solar_2022_9	0.14	1	#N/A
83	Redacted	CAISO_Solar	1	solar	solar_2022_10	0.02	1	#N/A
84	Redacted	CAISO_Solar	1	solar	solar_2022_11	0.02	1	#N/A
85	Redacted	CAISO_Solar	1	solar	solar_2022_12	0	1	#N/A
86	Redacted	CAISO_Solar	1	solar	solar_2023_1	0.04	1	#N/A
87	Redacted	CAISO_Solar	1	solar	solar_2023_2	0.03	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
61	Redacted	ok	physical	1	0
62	Redacted	ok	physical	1	1
63	Redacted	ok	physical	1	1
64	Redacted	ok	physical	1	1
65	Redacted	ok	physical	1	1
66	Redacted	ok	physical	1	1
67	Redacted	ok	physical	1	1
68	Redacted	ok	physical	1	1
69	Redacted	ok	physical	1	1
70	Redacted	ok	physical	1	1
71	Redacted	ok	physical	1	1
72	Redacted	ok	physical	1	1
73	Redacted	ok	physical	1	0
74	Redacted	ok	physical	1	1
75	Redacted	ok	physical	1	1
76	Redacted	ok	physical	1	1
77	Redacted	ok	physical	1	1
78	Redacted	ok	physical	1	1
79	Redacted	ok	physical	1	1
80	Redacted	ok	physical	1	1
81	Redacted	ok	physical	1	1
82	Redacted	ok	physical	1	1
83	Redacted	ok	physical	1	1
84	Redacted	ok	physical	1	1
85	Redacted	ok	physical	1	0
86	Redacted	ok	physical	1	1
87	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
88	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	3	2.273798942	Redacted		online		Redacted
89	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	4	2.332063322	Redacted		online		Redacted
90	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	5	2.788726317	Redacted		online		Redacted
91	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	6	2.916878836	Redacted		online		Redacted
92	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	7	2.952048023	Redacted		online		Redacted
93	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	8	2.752212749	Redacted		online		Redacted
94	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	9	2.331128239	Redacted		online		Redacted
95	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	10	1.992871254	Redacted		online		Redacted
96	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	11	1.472880733	Redacted		online		Redacted
97	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2023	12	1.326143412	Redacted		online		Redacted
98	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	1	1.36471178	Redacted		online		Redacted
99	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	2	1.423168527	Redacted		online		Redacted
100	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	3	2.262429947	Redacted		online		Redacted
101	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	4	2.320403006	Redacted		online		Redacted
102	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	5	2.774782686	Redacted		online		Redacted
103	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	6	2.902294442	Redacted		online		Redacted
104	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	7	2.937287782	Redacted		online		Redacted
105	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	8	2.738451685	Redacted		online		Redacted
106	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	9	2.319472598	Redacted		online		Redacted
107	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	10	1.982906898	Redacted		online		Redacted
108	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	11	1.46551633	Redacted		online		Redacted
109	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2024	12	1.319512695	Redacted		online		Redacted
110	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	1	1.357888221	Redacted		online		Redacted
111	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	2	1.367223281	Redacted		online		Redacted
112	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	3	2.251117797	Redacted		online		Redacted
113	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	4	2.308800992	Redacted		online		Redacted
114	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	5	2.760908771	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
88	Redacted	CAISO_Solar	1	solar	solar_2023_3	0.18	1	#N/A
89	Redacted	CAISO_Solar	1	solar	solar_2023_4	0.15	1	#N/A
90	Redacted	CAISO_Solar	1	solar	solar_2023_5	0.16	1	#N/A
91	Redacted	CAISO_Solar	1	solar	solar_2023_6	0.31	1	#N/A
92	Redacted	CAISO_Solar	1	solar	solar_2023_7	0.39	1	#N/A
93	Redacted	CAISO_Solar	1	solar	solar_2023_8	0.27	1	#N/A
94	Redacted	CAISO_Solar	1	solar	solar_2023_9	0.14	1	#N/A
95	Redacted	CAISO_Solar	1	solar	solar_2023_10	0.02	1	#N/A
96	Redacted	CAISO_Solar	1	solar	solar_2023_11	0.02	1	#N/A
97	Redacted	CAISO_Solar	1	solar	solar_2023_12	0	1	#N/A
98	Redacted	CAISO_Solar	1	solar	solar_2024_1	0.034747714	1	#N/A
99	Redacted	CAISO_Solar	1	solar	solar_2024_2	0.026060786	1	#N/A
100	Redacted	CAISO_Solar	1	solar	solar_2024_3	0.156364714	1	#N/A
101	Redacted	CAISO_Solar	1	solar	solar_2024_4	0.130303929	1	#N/A
102	Redacted	CAISO_Solar	1	solar	solar_2024_5	0.138990857	1	#N/A
103	Redacted	CAISO_Solar	1	solar	solar_2024_6	0.269294786	1	#N/A
104	Redacted	CAISO_Solar	1	solar	solar_2024_7	0.338790214	1	#N/A
105	Redacted	CAISO_Solar	1	solar	solar_2024_8	0.234547071	1	#N/A
106	Redacted	CAISO_Solar	1	solar	solar_2024_9	0.121617	1	#N/A
107	Redacted	CAISO_Solar	1	solar	solar_2024_10	0.017373857	1	#N/A
108	Redacted	CAISO_Solar	1	solar	solar_2024_11	0.017373857	1	#N/A
109	Redacted	CAISO_Solar	1	solar	solar_2024_12	0	1	#N/A
110	Redacted	CAISO_Solar	1	solar	solar_2025_1	0.029495143	1	#N/A
111	Redacted	CAISO_Solar	1	solar	solar_2025_2	0.022121357	1	#N/A
112	Redacted	CAISO_Solar	1	solar	solar_2025_3	0.132728143	1	#N/A
113	Redacted	CAISO_Solar	1	solar	solar_2025_4	0.110606786	1	#N/A
114	Redacted	CAISO_Solar	1	solar	solar_2025_5	0.117980571	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
88	Redacted	ok	physical	1	1
89	Redacted	ok	physical	1	1
90	Redacted	ok	physical	1	1
91	Redacted	ok	physical	1	1
92	Redacted	ok	physical	1	1
93	Redacted	ok	physical	1	1
94	Redacted	ok	physical	1	1
95	Redacted	ok	physical	1	1
96	Redacted	ok	physical	1	1
97	Redacted	ok	physical	1	0
98	Redacted	ok	physical	1	1
99	Redacted	ok	physical	1	1
100	Redacted	ok	physical	1	1
101	Redacted	ok	physical	1	1
102	Redacted	ok	physical	1	1
103	Redacted	ok	physical	1	1
104	Redacted	ok	physical	1	1
105	Redacted	ok	physical	1	1
106	Redacted	ok	physical	1	1
107	Redacted	ok	physical	1	1
108	Redacted	ok	physical	1	1
109	Redacted	ok	physical	1	0
110	Redacted	ok	physical	1	1
111	Redacted	ok	physical	1	1
112	Redacted	ok	physical	1	1
113	Redacted	ok	physical	1	1
114	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
115	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	6	2.88778297	Redacted		online		Redacted
116	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	7	2.922601343	Redacted		online		Redacted
117	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	8	2.724759427	Redacted		online		Redacted
118	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	9	2.307875236	Redacted		online		Redacted
119	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	10	1.972992363	Redacted		online		Redacted
120	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	11	1.458188748	Redacted		online		Redacted
121	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2025	12	1.312915132	Redacted		online		Redacted
122	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	1	1.35109878	Redacted		online		Redacted
123	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	2	1.360387165	Redacted		online		Redacted
124	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	3	2.239862208	Redacted		online		Redacted
125	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	4	2.297256986	Redacted		online		Redacted
126	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	5	2.747104228	Redacted		online		Redacted
127	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	6	2.873344055	Redacted		online		Redacted
128	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	7	2.907988336	Redacted		online		Redacted
129	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	8	2.71113563	Redacted		online		Redacted
130	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	9	2.29633586	Redacted		online		Redacted
131	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	10	1.963127401	Redacted		online		Redacted
132	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	11	1.450897804	Redacted		online		Redacted
133	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2026	12	1.306350556	Redacted		online		Redacted
134	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	1	1.344343286	Redacted		online		Redacted
135	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	2	1.35358523	Redacted		online		Redacted
136	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	3	2.228662897	Redacted		online		Redacted
137	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	4	2.285770701	Redacted		online		Redacted
138	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	5	2.733368706	Redacted		online		Redacted
139	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	6	2.858977334	Redacted		online		Redacted
140	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	7	2.893448395	Redacted		online		Redacted
141	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	8	2.697579952	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
115	Redacted	CAISO_Solar	1	solar	solar_2025_6	0.228587357	1	#N/A
116	Redacted	CAISO_Solar	1	solar	solar_2025_7	0.287577643	1	#N/A
117	Redacted	CAISO_Solar	1	solar	solar_2025_8	0.199092214	1	#N/A
118	Redacted	CAISO_Solar	1	solar	solar_2025_9	0.103233	1	#N/A
119	Redacted	CAISO_Solar	1	solar	solar_2025_10	0.014747571	1	#N/A
120	Redacted	CAISO_Solar	1	solar	solar_2025_11	0.014747571	1	#N/A
121	Redacted	CAISO_Solar	1	solar	solar_2025_12	0	1	#N/A
122	Redacted	CAISO_Solar	1	solar	solar_2026_1	0.024242857	1	#N/A
123	Redacted	CAISO_Solar	1	solar	solar_2026_2	0.018182143	1	#N/A
124	Redacted	CAISO_Solar	1	solar	solar_2026_3	0.109092857	1	#N/A
125	Redacted	CAISO_Solar	1	solar	solar_2026_4	0.090910714	1	#N/A
126	Redacted	CAISO_Solar	1	solar	solar_2026_5	0.096971429	1	#N/A
127	Redacted	CAISO_Solar	1	solar	solar_2026_6	0.187882143	1	#N/A
128	Redacted	CAISO_Solar	1	solar	solar_2026_7	0.236367857	1	#N/A
129	Redacted	CAISO_Solar	1	solar	solar_2026_8	0.163639286	1	#N/A
130	Redacted	CAISO_Solar	1	solar	solar_2026_9	0.08485	1	#N/A
131	Redacted	CAISO_Solar	1	solar	solar_2026_10	0.012121429	1	#N/A
132	Redacted	CAISO_Solar	1	solar	solar_2026_11	0.012121429	1	#N/A
133	Redacted	CAISO_Solar	1	solar	solar_2026_12	0	1	#N/A
134	Redacted	CAISO_Solar	1	solar	solar_2027_1	0.021497714	1	#N/A
135	Redacted	CAISO_Solar	1	solar	solar_2027_2	0.016123286	1	#N/A
136	Redacted	CAISO_Solar	1	solar	solar_2027_3	0.096739714	1	#N/A
137	Redacted	CAISO_Solar	1	solar	solar_2027_4	0.080616429	1	#N/A
138	Redacted	CAISO_Solar	1	solar	solar_2027_5	0.085990857	1	#N/A
139	Redacted	CAISO_Solar	1	solar	solar_2027_6	0.166607286	1	#N/A
140	Redacted	CAISO_Solar	1	solar	solar_2027_7	0.209602714	1	#N/A
141	Redacted	CAISO_Solar	1	solar	solar_2027_8	0.145109571	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
115	Redacted	ok	physical	1	1
116	Redacted	ok	physical	1	1
117	Redacted	ok	physical	1	1
118	Redacted	ok	physical	1	1
119	Redacted	ok	physical	1	1
120	Redacted	ok	physical	1	1
121	Redacted	ok	physical	1	0
122	Redacted	ok	physical	1	1
123	Redacted	ok	physical	1	1
124	Redacted	ok	physical	1	1
125	Redacted	ok	physical	1	1
126	Redacted	ok	physical	1	1
127	Redacted	ok	physical	1	1
128	Redacted	ok	physical	1	1
129	Redacted	ok	physical	1	1
130	Redacted	ok	physical	1	1
131	Redacted	ok	physical	1	1
132	Redacted	ok	physical	1	1
133	Redacted	ok	physical	1	0
134	Redacted	ok	physical	1	1
135	Redacted	ok	physical	1	1
136	Redacted	ok	physical	1	1
137	Redacted	ok	physical	1	1
138	Redacted	ok	physical	1	1
139	Redacted	ok	physical	1	1
140	Redacted	ok	physical	1	1
141	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
142	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	9	2.28485418	Redacted		online		Redacted
143	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	10	1.953311765	Redacted		online		Redacted
144	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	11	1.443643315	Redacted		online		Redacted
145	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2027	12	1.299818803	Redacted		online		Redacted
146	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	1	1.337621569	Redacted		online		Redacted
147	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	2	1.394917921	Redacted		online		Redacted
148	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	3	2.217519582	Redacted		online		Redacted
149	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	4	2.274341848	Redacted		online		Redacted
150	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	5	2.719701863	Redacted		online		Redacted
151	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	6	2.844682448	Redacted		online		Redacted
152	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	7	2.878981153	Redacted		online		Redacted
153	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	8	2.684092053	Redacted		online		Redacted
154	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	9	2.273429909	Redacted		online		Redacted
155	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	10	1.943545206	Redacted		online		Redacted
156	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	11	1.436425098	Redacted		online		Redacted
157	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2028	12	1.293319709	Redacted		online		Redacted
158	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	1	1.330933461	Redacted		online		Redacted
159	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	2	1.340083217	Redacted		online		Redacted
160	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	3	2.206431985	Redacted		online		Redacted
161	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	4	2.262970138	Redacted		online		Redacted
162	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	5	2.706103354	Redacted		online		Redacted
163	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	6	2.830459036	Redacted		online		Redacted
164	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	7	2.864586248	Redacted		online		Redacted
165	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	8	2.670671592	Redacted		online		Redacted
166	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	9	2.262062759	Redacted		online		Redacted
167	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	10	1.93382748	Redacted		online		Redacted
168	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	11	1.429242973	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
142	Redacted	CAISO_Solar	1	solar	solar_2027_9	0.075242	1	#N/A
143	Redacted	CAISO_Solar	1	solar	solar_2027_10	0.010748857	1	#N/A
144	Redacted	CAISO_Solar	1	solar	solar_2027_11	0.010748857	1	#N/A
145	Redacted	CAISO_Solar	1	solar	solar_2027_12	0	1	#N/A
146	Redacted	CAISO_Solar	1	solar	solar_2028_1	0.018752857	1	#N/A
147	Redacted	CAISO_Solar	1	solar	solar_2028_2	0.014064643	1	#N/A
148	Redacted	CAISO_Solar	1	solar	solar_2028_3	0.084387857	1	#N/A
149	Redacted	CAISO_Solar	1	solar	solar_2028_4	0.070323214	1	#N/A
150	Redacted	CAISO_Solar	1	solar	solar_2028_5	0.075011429	1	#N/A
151	Redacted	CAISO_Solar	1	solar	solar_2028_6	0.145334643	1	#N/A
152	Redacted	CAISO_Solar	1	solar	solar_2028_7	0.182840357	1	#N/A
153	Redacted	CAISO_Solar	1	solar	solar_2028_8	0.126581786	1	#N/A
154	Redacted	CAISO_Solar	1	solar	solar_2028_9	0.065635	1	#N/A
155	Redacted	CAISO_Solar	1	solar	solar_2028_10	0.009376429	1	#N/A
156	Redacted	CAISO_Solar	1	solar	solar_2028_11	0.009376429	1	#N/A
157	Redacted	CAISO_Solar	1	solar	solar_2028_12	0	1	#N/A
158	Redacted	CAISO_Solar	1	solar	solar_2029_1	0.016008	1	#N/A
159	Redacted	CAISO_Solar	1	solar	solar_2029_2	0.012006	1	#N/A
160	Redacted	CAISO_Solar	1	solar	solar_2029_3	0.072036	1	#N/A
161	Redacted	CAISO_Solar	1	solar	solar_2029_4	0.06003	1	#N/A
162	Redacted	CAISO_Solar	1	solar	solar_2029_5	0.064032	1	#N/A
163	Redacted	CAISO_Solar	1	solar	solar_2029_6	0.124062	1	#N/A
164	Redacted	CAISO_Solar	1	solar	solar_2029_7	0.156078	1	#N/A
165	Redacted	CAISO_Solar	1	solar	solar_2029_8	0.108054	1	#N/A
166	Redacted	CAISO_Solar	1	solar	solar_2029_9	0.056028	1	#N/A
167	Redacted	CAISO_Solar	1	solar	solar_2029_10	0.008004	1	#N/A
168	Redacted	CAISO_Solar	1	solar	solar_2029_11	0.008004	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
142	Redacted	ok	physical	1	1
143	Redacted	ok	physical	1	1
144	Redacted	ok	physical	1	1
145	Redacted	ok	physical	1	0
146	Redacted	ok	physical	1	1
147	Redacted	ok	physical	1	1
148	Redacted	ok	physical	1	1
149	Redacted	ok	physical	1	1
150	Redacted	ok	physical	1	1
151	Redacted	ok	physical	1	1
152	Redacted	ok	physical	1	1
153	Redacted	ok	physical	1	1
154	Redacted	ok	physical	1	1
155	Redacted	ok	physical	1	1
156	Redacted	ok	physical	1	1
157	Redacted	ok	physical	1	0
158	Redacted	ok	physical	1	1
159	Redacted	ok	physical	1	1
160	Redacted	ok	physical	1	1
161	Redacted	ok	physical	1	1
162	Redacted	ok	physical	1	1
163	Redacted	ok	physical	1	1
164	Redacted	ok	physical	1	1
165	Redacted	ok	physical	1	1
166	Redacted	ok	physical	1	1
167	Redacted	ok	physical	1	1
168	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
169	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2029	12	1.286853111	Redacted		online		Redacted
170	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	1	1.324278794	Redacted		online		Redacted
171	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	2	1.333382801	Redacted		online		Redacted
172	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	3	2.195399825	Redacted		online		Redacted
173	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	4	2.251655288	Redacted		online		Redacted
174	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	5	2.692572837	Redacted		online		Redacted
175	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	6	2.816306741	Redacted		online		Redacted
176	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	7	2.850263316	Redacted		online		Redacted
177	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	8	2.657318235	Redacted		online		Redacted
178	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	9	2.250752445	Redacted		online		Redacted
179	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	10	1.924158342	Redacted		online		Redacted
180	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	11	1.422096758	Redacted		online		Redacted
181	LCE	PLAINV_6_DSOLAR	1557 SPower_PPA_1_LCE	2030	12	1.280418846	Redacted		online		Redacted
182	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2021	1	1.092819643	Redacted		online		Redacted
183	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2021	2	1.808940076	Redacted		online		Redacted
184	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2021	3	2.90419916	Redacted		online		Redacted
185	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2021	4	3.89648191	Redacted		online		Redacted
186	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2021	5	5.071220558	Redacted		online		Redacted
187	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2021	6	4.537826821	Redacted		online		Redacted
188	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2021	7	4.169107833	Redacted		online		Redacted
189	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2021	8	4.193215943	Redacted		online		Redacted
190	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2021	9	2.877406197	Redacted		online		Redacted
191	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2021	10	2.367144639	Redacted		online		Redacted
192	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2021	11	1.702557037	Redacted		online		Redacted
193	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2021	12	1.069918347	Redacted		online		Redacted
194	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2022	1	1.09281733	Redacted		online		Redacted
195	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2022	2	1.808940076	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
169	Redacted	CAISO_Solar	1	solar	solar_2029_12	0	1	#N/A
170	Redacted	CAISO_Solar	1	solar	solar_2030_1	0.013263143	1	#N/A
171	Redacted	CAISO_Solar	1	solar	solar_2030_2	0.009947357	1	#N/A
172	Redacted	CAISO_Solar	1	solar	solar_2030_3	0.059684143	1	#N/A
173	Redacted	CAISO_Solar	1	solar	solar_2030_4	0.049736786	1	#N/A
174	Redacted	CAISO_Solar	1	solar	solar_2030_5	0.053052571	1	#N/A
175	Redacted	CAISO_Solar	1	solar	solar_2030_6	0.102789357	1	#N/A
176	Redacted	CAISO_Solar	1	solar	solar_2030_7	0.129315643	1	#N/A
177	Redacted	CAISO_Solar	1	solar	solar_2030_8	0.089526214	1	#N/A
178	Redacted	CAISO_Solar	1	solar	solar_2030_9	0.046421	1	#N/A
179	Redacted	CAISO_Solar	1	solar	solar_2030_10	0.006631571	1	#N/A
180	Redacted	CAISO_Solar	1	solar	solar_2030_11	0.006631571	1	#N/A
181	Redacted	CAISO_Solar	1	solar	solar_2030_12	0	1	#N/A
182	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_1	0.14	1	#N/A
183	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_2	0.12	1	#N/A
184	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_3	0.28	1	#N/A
185	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_4	0.25	1	#N/A
186	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_5	0.25	1	#N/A
187	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_6	0.33	1	#N/A
188	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_7	0.23	1	#N/A
189	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_8	0.21	1	#N/A
190	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_9	0.15	1	#N/A
191	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_10	0.08	1	#N/A
192	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_11	0.12	1	#N/A
193	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_12	0.13	1	#N/A
194	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_1	0.14	1	#N/A
195	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_2	0.12	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
169	Redacted	ok	physical	1	0
170	Redacted	ok	physical	1	1
171	Redacted	ok	physical	1	1
172	Redacted	ok	physical	1	1
173	Redacted	ok	physical	1	1
174	Redacted	ok	physical	1	1
175	Redacted	ok	physical	1	1
176	Redacted	ok	physical	1	1
177	Redacted	ok	physical	1	1
178	Redacted	ok	physical	1	1
179	Redacted	ok	physical	1	1
180	Redacted	ok	physical	1	1
181	Redacted	ok	physical	1	0
182	Redacted	ok	physical	1	1
183	Redacted	ok	physical	1	1
184	Redacted	ok	physical	1	1
185	Redacted	ok	physical	1	1
186	Redacted	ok	physical	1	1
187	Redacted	ok	physical	1	1
188	Redacted	ok	physical	1	1
189	Redacted	ok	physical	1	1
190	Redacted	ok	physical	1	1
191	Redacted	ok	physical	1	1
192	Redacted	ok	physical	1	1
193	Redacted	ok	physical	1	1
194	Redacted	ok	physical	1	1
195	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
196	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2022	3	2.904197747	Redacted		online		Redacted
197	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2022	4	3.8964809	Redacted		online		Redacted
198	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2022	5	5.071218095	Redacted		online		Redacted
199	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2022	6	4.537825645	Redacted		online		Redacted
200	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2022	7	4.169105807	Redacted		online		Redacted
201	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2022	8	4.193213906	Redacted		online		Redacted
202	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2022	9	2.877405451	Redacted		online		Redacted
203	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2022	10	2.367143489	Redacted		online		Redacted
204	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2022	11	1.702556597	Redacted		online		Redacted
205	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2022	12	1.069917827	Redacted		online		Redacted
206	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2023	1	1.092814676	Redacted		online		Redacted
207	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2023	2	1.808940076	Redacted		online		Redacted
208	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2023	3	2.904190682	Redacted		online		Redacted
209	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2023	4	3.896478811	Redacted		online		Redacted
210	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2023	5	5.071205776	Redacted		online		Redacted
211	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2023	6	4.537823213	Redacted		online		Redacted
212	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2023	7	4.16909568	Redacted		online		Redacted
213	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2023	8	4.19320372	Redacted		online		Redacted
214	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2023	9	2.877403908	Redacted		online		Redacted
215	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2023	10	2.367137738	Redacted		online		Redacted
216	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2023	11	1.702555685	Redacted		online		Redacted
217	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2023	12	1.069915228	Redacted		online		Redacted
218	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2024	1	1.092812021	Redacted		online		Redacted
219	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2024	2	1.873542121	Redacted		online		Redacted
220	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2024	3	2.904178832	Redacted		online		Redacted
221	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2024	4	3.896462892	Redacted		online		Redacted
222	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2024	5	5.071185191	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
196	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_3	0.28	1	#N/A
197	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_4	0.25	1	#N/A
198	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_5	0.25	1	#N/A
199	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_6	0.33	1	#N/A
200	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_7	0.23	1	#N/A
201	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_8	0.21	1	#N/A
202	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_9	0.15	1	#N/A
203	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_10	0.08	1	#N/A
204	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_11	0.12	1	#N/A
205	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2022_12	0.13	1	#N/A
206	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_1	0.14	1	#N/A
207	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_2	0.12	1	#N/A
208	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_3	0.28	1	#N/A
209	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_4	0.25	1	#N/A
210	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_5	0.25	1	#N/A
211	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_6	0.33	1	#N/A
212	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_7	0.23	1	#N/A
213	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_8	0.21	1	#N/A
214	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_9	0.15	1	#N/A
215	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_10	0.08	1	#N/A
216	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_11	0.12	1	#N/A
217	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2023_12	0.13	1	#N/A
218	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_1	0.161161252	1	#N/A
219	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_2	0.138138216	1	#N/A
220	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_3	0.322322504	1	#N/A
221	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_4	0.28778795	1	#N/A
222	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_5	0.28778795	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
196	Redacted	ok	physical	1	1
197	Redacted	ok	physical	1	1
198	Redacted	ok	physical	1	1
199	Redacted	ok	physical	1	1
200	Redacted	ok	physical	1	1
201	Redacted	ok	physical	1	1
202	Redacted	ok	physical	1	1
203	Redacted	ok	physical	1	1
204	Redacted	ok	physical	1	1
205	Redacted	ok	physical	1	1
206	Redacted	ok	physical	1	1
207	Redacted	ok	physical	1	1
208	Redacted	ok	physical	1	1
209	Redacted	ok	physical	1	1
210	Redacted	ok	physical	1	1
211	Redacted	ok	physical	1	1
212	Redacted	ok	physical	1	1
213	Redacted	ok	physical	1	1
214	Redacted	ok	physical	1	1
215	Redacted	ok	physical	1	1
216	Redacted	ok	physical	1	1
217	Redacted	ok	physical	1	1
218	Redacted	ok	physical	1	1
219	Redacted	ok	physical	1	1
220	Redacted	ok	physical	1	1
221	Redacted	ok	physical	1	1
222	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
223	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2024	6	4.537804673	Redacted		online		Redacted
224	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2024	7	4.169078757	Redacted		online		Redacted
225	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2024	8	4.193186699	Redacted		online		Redacted
226	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2024	9	2.877392153	Redacted		online		Redacted
227	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2024	10	2.36712813	Redacted		online		Redacted
228	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2024	11	1.70254874	Redacted		online		Redacted
229	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2024	12	1.069910885	Redacted		online		Redacted
230	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2025	1	1.092816457	Redacted		online		Redacted
231	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2025	2	1.808940076	Redacted		online		Redacted
232	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2025	3	2.904185898	Redacted		online		Redacted
233	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2025	4	3.896472066	Redacted		online		Redacted
234	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2025	5	5.07119751	Redacted		online		Redacted
235	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2025	6	4.537815357	Redacted		online		Redacted
236	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2025	7	4.169088884	Redacted		online		Redacted
237	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2025	8	4.193196885	Redacted		online		Redacted
238	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2025	9	2.877398927	Redacted		online		Redacted
239	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2025	10	2.36713388	Redacted		online		Redacted
240	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2025	11	1.702552734	Redacted		online		Redacted
241	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2025	12	1.069913484	Redacted		online		Redacted
242	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2026	1	1.092819112	Redacted		online		Redacted
243	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2026	2	1.808940076	Redacted		online		Redacted
244	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2026	3	2.904192964	Redacted		online		Redacted
245	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2026	4	3.8964809	Redacted		online		Redacted
246	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2026	5	5.071209829	Redacted		online		Redacted
247	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2026	6	4.537825645	Redacted		online		Redacted
248	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2026	7	4.169099012	Redacted		online		Redacted
249	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2026	8	4.193207072	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
223	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_6	0.379880094	1	#N/A
224	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_7	0.264764914	1	#N/A
225	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_8	0.241741878	1	#N/A
226	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_9	0.17267277	1	#N/A
227	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_10	0.092092144	1	#N/A
228	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_11	0.138138216	1	#N/A
229	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2024_12	0.149649734	1	#N/A
230	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_1	0.182322495	1	#N/A
231	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_2	0.156276424	1	#N/A
232	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_3	0.364644989	1	#N/A
233	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_4	0.325575883	1	#N/A
234	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_5	0.325575883	1	#N/A
235	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_6	0.429760166	1	#N/A
236	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_7	0.299529813	1	#N/A
237	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_8	0.273483742	1	#N/A
238	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_9	0.19534553	1	#N/A
239	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_10	0.104184283	1	#N/A
240	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_11	0.156276424	1	#N/A
241	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2025_12	0.169299459	1	#N/A
242	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_1	0.203483747	1	#N/A
243	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_2	0.17441464	1	#N/A
244	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_3	0.406967493	1	#N/A
245	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_4	0.363363833	1	#N/A
246	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_5	0.363363833	1	#N/A
247	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_6	0.47964026	1	#N/A
248	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_7	0.334294727	1	#N/A
249	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_8	0.30522562	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
223	Redacted	ok	physical	1	1
224	Redacted	ok	physical	1	1
225	Redacted	ok	physical	1	1
226	Redacted	ok	physical	1	1
227	Redacted	ok	physical	1	1
228	Redacted	ok	physical	1	1
229	Redacted	ok	physical	1	1
230	Redacted	ok	physical	1	1
231	Redacted	ok	physical	1	1
232	Redacted	ok	physical	1	1
233	Redacted	ok	physical	1	1
234	Redacted	ok	physical	1	1
235	Redacted	ok	physical	1	1
236	Redacted	ok	physical	1	1
237	Redacted	ok	physical	1	1
238	Redacted	ok	physical	1	1
239	Redacted	ok	physical	1	1
240	Redacted	ok	physical	1	1
241	Redacted	ok	physical	1	1
242	Redacted	ok	physical	1	1
243	Redacted	ok	physical	1	1
244	Redacted	ok	physical	1	1
245	Redacted	ok	physical	1	1
246	Redacted	ok	physical	1	1
247	Redacted	ok	physical	1	1
248	Redacted	ok	physical	1	1
249	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
250	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2026	9	2.877405451	Redacted		online		Redacted
251	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2026	10	2.36713963	Redacted		online		Redacted
252	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2026	11	1.702556588	Redacted		online		Redacted
253	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2026	12	1.069916083	Redacted		online		Redacted
254	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2027	1	1.092819643	Redacted		online		Redacted
255	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2027	2	1.808940076	Redacted		online		Redacted
256	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2027	3	2.90419916	Redacted		online		Redacted
257	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2027	4	3.89648191	Redacted		online		Redacted
258	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2027	5	5.071220558	Redacted		online		Redacted
259	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2027	6	4.537826821	Redacted		online		Redacted
260	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2027	7	4.169107833	Redacted		online		Redacted
261	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2027	8	4.193215943	Redacted		online		Redacted
262	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2027	9	2.877406197	Redacted		online		Redacted
263	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2027	10	2.367144639	Redacted		online		Redacted
264	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2027	11	1.702557037	Redacted		online		Redacted
265	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2027	12	1.069918347	Redacted		online		Redacted
266	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2028	1	1.09281733	Redacted		online		Redacted
267	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2028	2	1.873545572	Redacted		online		Redacted
268	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2028	3	2.904190682	Redacted		online		Redacted
269	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2028	4	3.896478811	Redacted		online		Redacted
270	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2028	5	5.071205776	Redacted		online		Redacted
271	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2028	6	4.537823213	Redacted		online		Redacted
272	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2028	7	4.16909568	Redacted		online		Redacted
273	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2028	8	4.19320372	Redacted		online		Redacted
274	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2028	9	2.877403908	Redacted		online		Redacted
275	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2028	10	2.367137738	Redacted		online		Redacted
276	LCE	MTWIND_1_UNIT3	1561 Mountainview III_LT_1_LCE	2028	11	1.702555685	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
250	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_9	0.2180183	1	#N/A
251	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_10	0.116276427	1	#N/A
252	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_11	0.17441464	1	#N/A
253	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2026_12	0.188949193	1	#N/A
254	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_1	0.203228088	1	#N/A
255	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_2	0.174195504	1	#N/A
256	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_3	0.406456176	1	#N/A
257	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_4	0.3629073	1	#N/A
258	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_5	0.3629073	1	#N/A
259	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_6	0.479037636	1	#N/A
260	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_7	0.333874716	1	#N/A
261	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_8	0.304842132	1	#N/A
262	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_9	0.21774438	1	#N/A
263	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_10	0.116130336	1	#N/A
264	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_11	0.174195504	1	#N/A
265	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2027_12	0.188711796	1	#N/A
266	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_1	0.202972439	1	#N/A
267	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_2	0.173976376	1	#N/A
268	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_3	0.405944877	1	#N/A
269	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_4	0.362450783	1	#N/A
270	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_5	0.362450783	1	#N/A
271	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_6	0.478435034	1	#N/A
272	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_7	0.333454721	1	#N/A
273	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_8	0.304458658	1	#N/A
274	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_9	0.21747047	1	#N/A
275	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_10	0.115984251	1	#N/A
276	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_11	0.173976376	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
250	Redacted	ok	physical	1	1
251	Redacted	ok	physical	1	1
252	Redacted	ok	physical	1	1
253	Redacted	ok	physical	1	1
254	Redacted	ok	physical	1	1
255	Redacted	ok	physical	1	1
256	Redacted	ok	physical	1	1
257	Redacted	ok	physical	1	1
258	Redacted	ok	physical	1	1
259	Redacted	ok	physical	1	1
260	Redacted	ok	physical	1	1
261	Redacted	ok	physical	1	1
262	Redacted	ok	physical	1	1
263	Redacted	ok	physical	1	1
264	Redacted	ok	physical	1	1
265	Redacted	ok	physical	1	1
266	Redacted	ok	physical	1	1
267	Redacted	ok	physical	1	1
268	Redacted	ok	physical	1	1
269	Redacted	ok	physical	1	1
270	Redacted	ok	physical	1	1
271	Redacted	ok	physical	1	1
272	Redacted	ok	physical	1	1
273	Redacted	ok	physical	1	1
274	Redacted	ok	physical	1	1
275	Redacted	ok	physical	1	1
276	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
277	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2028	12	1.069915228	Redacted		online		Redacted
278	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	1	1.092812021	Redacted		online		Redacted
279	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	2	1.808940076	Redacted		online		Redacted
280	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	3	2.904183616	Redacted		online		Redacted
281	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	4	3.896469637	Redacted		online		Redacted
282	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	5	5.071193456	Redacted		online		Redacted
283	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	6	4.537812529	Redacted		online		Redacted
284	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	7	4.169085552	Redacted		online		Redacted
285	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	8	4.193193534	Redacted		online		Redacted
286	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	9	2.877397134	Redacted		online		Redacted
287	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	10	2.367131988	Redacted		online		Redacted
288	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	11	1.702551683	Redacted		online		Redacted
289	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2029	12	1.069912629	Redacted		online		Redacted
290	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	1	1.092813802	Redacted		online		Redacted
291	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	2	1.808940076	Redacted		online		Redacted
292	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	3	2.904178832	Redacted		online		Redacted
293	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	4	3.896462892	Redacted		online		Redacted
294	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	5	5.071185191	Redacted		online		Redacted
295	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	6	4.537804673	Redacted		online		Redacted
296	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	7	4.169078757	Redacted		online		Redacted
297	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	8	4.193186699	Redacted		online		Redacted
298	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	9	2.877392153	Redacted		online		Redacted
299	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	10	2.36712813	Redacted		online		Redacted
300	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	11	1.70254874	Redacted		online		Redacted
301	LCE	MTWIND_1_UNIT 3	1561 Mountainview III_LT_1_LCE	2030	12	1.069910885	Redacted		online		Redacted
302	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2020	1	8.33333	Redacted		online		Redacted
303	LCE	EXCHEC_7_UNIT 1	1572 TNSK_CF_1_LCE	2020	2	8.33333	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
277	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2028_12	0.188474407	1	#N/A
278	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_1	0.20271678	1	#N/A
279	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_2	0.17375724	1	#N/A
280	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_3	0.40543356	1	#N/A
281	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_4	0.36199425	1	#N/A
282	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_5	0.36199425	1	#N/A
283	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_6	0.47783241	1	#N/A
284	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_7	0.33303471	1	#N/A
285	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_8	0.30407517	1	#N/A
286	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_9	0.21719655	1	#N/A
287	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_10	0.11583816	1	#N/A
288	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_11	0.17375724	1	#N/A
289	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2029_12	0.18823701	1	#N/A
290	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_1	0.202461131	1	#N/A
291	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_2	0.173538112	1	#N/A
292	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_3	0.404922261	1	#N/A
293	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_4	0.361537733	1	#N/A
294	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_5	0.361537733	1	#N/A
295	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_6	0.477229808	1	#N/A
296	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_7	0.332614715	1	#N/A
297	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_8	0.303691696	1	#N/A
298	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_9	0.21692264	1	#N/A
299	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_10	0.115692075	1	#N/A
300	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_11	0.173538112	1	#N/A
301	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2030_12	0.187999621	1	#N/A
302	Redacted	CAISO_Hydro	1	hydro	hydro_2020_1	0.6	1	#N/A
303	Redacted	CAISO_Hydro	1	hydro	hydro_2020_2	0.7	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
277	Redacted	ok	physical	1	1
278	Redacted	ok	physical	1	1
279	Redacted	ok	physical	1	1
280	Redacted	ok	physical	1	1
281	Redacted	ok	physical	1	1
282	Redacted	ok	physical	1	1
283	Redacted	ok	physical	1	1
284	Redacted	ok	physical	1	1
285	Redacted	ok	physical	1	1
286	Redacted	ok	physical	1	1
287	Redacted	ok	physical	1	1
288	Redacted	ok	physical	1	1
289	Redacted	ok	physical	1	1
290	Redacted	ok	physical	1	1
291	Redacted	ok	physical	1	1
292	Redacted	ok	physical	1	1
293	Redacted	ok	physical	1	1
294	Redacted	ok	physical	1	1
295	Redacted	ok	physical	1	1
296	Redacted	ok	physical	1	1
297	Redacted	ok	physical	1	1
298	Redacted	ok	physical	1	1
299	Redacted	ok	physical	1	1
300	Redacted	ok	physical	1	1
301	Redacted	ok	physical	1	1
302	Redacted	ok	physical	1	0
303	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**
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
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

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

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
304	Redacted	CAISO_Hydro	1	hydro	hydro_2020_3	0.73	1	#N/A
305	Redacted	CAISO_Hydro	1	hydro	hydro_2020_4	0.72	1	#N/A
306	Redacted	CAISO_Hydro	1	hydro	hydro_2020_5	0.69	1	#N/A
307	Redacted	CAISO_Hydro	1	hydro	hydro_2020_6	0.74	1	#N/A
308	Redacted	CAISO_Hydro	1	hydro	hydro_2020_7	0.73	1	#N/A
309	Redacted	CAISO_Hydro	1	hydro	hydro_2020_8	0.72	1	#N/A
310	Redacted	CAISO_Hydro	1	hydro	hydro_2020_9	0.71	1	#N/A
311	Redacted	CAISO_Hydro	1	hydro	hydro_2020_10	0.64	1	#N/A
312	Redacted	CAISO_Hydro	1	hydro	hydro_2020_11	0.56	1	#N/A
313	Redacted	CAISO_Hydro	1	hydro	hydro_2020_12	0.64	1	#N/A
314	Redacted	CAISO_Hydro	1	hydro	hydro_2021_1	0.6	1	#N/A
315	Redacted	CAISO_Hydro	1	hydro	hydro_2021_2	0.7	1	#N/A
316	Redacted	CAISO_Hydro	1	hydro	hydro_2021_3	0.73	1	#N/A
317	Redacted	CAISO_Hydro	1	hydro	hydro_2021_4	0.72	1	#N/A
318	Redacted	CAISO_Hydro	1	hydro	hydro_2021_5	0.69	1	#N/A
319	Redacted	CAISO_Hydro	1	hydro	hydro_2021_6	0.74	1	#N/A
320	Redacted	CAISO_Hydro	1	hydro	hydro_2021_7	0.73	1	#N/A
321	Redacted	CAISO_Hydro	1	hydro	hydro_2021_8	0.72	1	#N/A
322	Redacted	CAISO_Hydro	1	hydro	hydro_2021_9	0.71	1	#N/A
323	Redacted	CAISO_Hydro	1	hydro	hydro_2021_10	0.64	1	#N/A
324	Redacted	CAISO_Hydro	1	hydro	hydro_2021_11	0.56	1	#N/A
325	Redacted	CAISO_Hydro	1	hydro	hydro_2021_12	0.64	1	#N/A
326	Redacted	unspecified_import	1	unknown	unknown_2020_1	0	1	#N/A
327	Redacted	unspecified_import	1	unknown	unknown_2020_2	0	1	#N/A
328	Redacted	unspecified_import	1	unknown	unknown_2020_3	0	1	#N/A
329	Redacted	unspecified_import	1	unknown	unknown_2020_4	0	1	#N/A
330	Redacted	unspecified_import	1	unknown	unknown_2020_5	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
304	Redacted	ok	physical	1	0
305	Redacted	ok	physical	1	0
306	Redacted	ok	physical	1	0
307	Redacted	ok	physical	1	0
308	Redacted	ok	physical	1	0
309	Redacted	ok	physical	1	0
310	Redacted	ok	physical	1	0
311	Redacted	ok	physical	1	0
312	Redacted	ok	physical	1	0
313	Redacted	ok	physical	1	0
314	Redacted	ok	physical	1	0
315	Redacted	ok	physical	1	0
316	Redacted	ok	physical	1	0
317	Redacted	ok	physical	1	0
318	Redacted	ok	physical	1	0
319	Redacted	ok	physical	1	0
320	Redacted	ok	physical	1	0
321	Redacted	ok	physical	1	0
322	Redacted	ok	physical	1	0
323	Redacted	ok	physical	1	0
324	Redacted	ok	physical	1	0
325	Redacted	ok	physical	1	0
326	Redacted	ok	special	1	0
327	Redacted	ok	special	1	0
328	Redacted	ok	special	1	0
329	Redacted	ok	special	1	0
330	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**
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
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

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

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
331	Redacted	unspecified_import	1	unknown	unknown_2020_6	0	1	#N/A
332	Redacted	unspecified_import	1	unknown	unknown_2020_7	0	1	#N/A
333	Redacted	unspecified_import	1	unknown	unknown_2020_8	0	1	#N/A
334	Redacted	unspecified_import	1	unknown	unknown_2020_9	0	1	#N/A
335	Redacted	unspecified_import	1	unknown	unknown_2020_10	0	1	#N/A
336	Redacted	unspecified_import	1	unknown	unknown_2020_11	0	1	#N/A
337	Redacted	unspecified_import	1	unknown	unknown_2020_12	0	1	#N/A
338	Redacted	unspecified_import	1	unknown	unknown_2020_1	0	1	#N/A
339	Redacted	unspecified_import	1	unknown	unknown_2020_2	0	1	#N/A
340	Redacted	unspecified_import	1	unknown	unknown_2020_3	0	1	#N/A
341	Redacted	unspecified_import	1	unknown	unknown_2020_4	0	1	#N/A
342	Redacted	unspecified_import	1	unknown	unknown_2020_5	0	1	#N/A
343	Redacted	unspecified_import	1	unknown	unknown_2020_6	0	1	#N/A
344	Redacted	unspecified_import	1	unknown	unknown_2020_7	0	1	#N/A
345	Redacted	unspecified_import	1	unknown	unknown_2020_8	0	1	#N/A
346	Redacted	unspecified_import	1	unknown	unknown_2020_9	0	1	#N/A
347	Redacted	unspecified_import	1	unknown	unknown_2020_10	0	1	#N/A
348	Redacted	unspecified_import	1	unknown	unknown_2020_11	0	1	#N/A
349	Redacted	unspecified_import	1	unknown	unknown_2020_12	0	1	#N/A
350	Redacted	CAISO_Solar	1	solar	solar_2021_1	0.04	1	#N/A
351	Redacted	CAISO_Solar	1	solar	solar_2021_2	0.03	1	#N/A
352	Redacted	CAISO_Solar	1	solar	solar_2021_3	0.18	1	#N/A
353	Redacted	CAISO_Solar	1	solar	solar_2021_4	0.15	1	#N/A
354	Redacted	CAISO_Solar	1	solar	solar_2021_5	0.16	1	#N/A
355	Redacted	CAISO_Solar	1	solar	solar_2021_6	0.31	1	#N/A
356	Redacted	CAISO_Solar	1	solar	solar_2021_7	0.39	1	#N/A
357	Redacted	CAISO_Solar	1	solar	solar_2021_8	0.27	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
331	Redacted	ok	special	1	0
332	Redacted	ok	special	1	0
333	Redacted	ok	special	1	0
334	Redacted	ok	special	1	0
335	Redacted	ok	special	1	0
336	Redacted	ok	special	1	0
337	Redacted	ok	special	1	0
338	Redacted	ok	special	1	0
339	Redacted	ok	special	1	0
340	Redacted	ok	special	1	0
341	Redacted	ok	special	1	0
342	Redacted	ok	special	1	0
343	Redacted	ok	special	1	0
344	Redacted	ok	special	1	0
345	Redacted	ok	special	1	0
346	Redacted	ok	special	1	0
347	Redacted	ok	special	1	0
348	Redacted	ok	special	1	0
349	Redacted	ok	special	1	0
350	Redacted	ok	existing_generic	1	0
351	Redacted	ok	existing_generic	1	0
352	Redacted	ok	existing_generic	1	0
353	Redacted	ok	existing_generic	1	0
354	Redacted	ok	existing_generic	1	0
355	Redacted	ok	existing_generic	1	0
356	Redacted	ok	existing_generic	1	0
357	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**
331	unspecified_import_1573 MSCG_PCC1_1_LCE_PCC2, CAISO, 0.428	0	0	1	1	1	1	1	1	1	1
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
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

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

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
358	Redacted	CAISO_Solar	1	solar	solar_2021_9	0.14	1	#N/A
359	Redacted	CAISO_Solar	1	solar	solar_2021_10	0.02	1	#N/A
360	Redacted	CAISO_Solar	1	solar	solar_2021_11	0.02	1	#N/A
361	Redacted	CAISO_Solar	1	solar	solar_2021_12	0	1	#N/A
362	Redacted	CAISO_Solar	1	solar	solar_2022_1	0.04	1	#N/A
363	Redacted	CAISO_Solar	1	solar	solar_2022_2	0.03	1	#N/A
364	Redacted	CAISO_Solar	1	solar	solar_2022_3	0.18	1	#N/A
365	Redacted	CAISO_Solar	1	solar	solar_2022_4	0.15	1	#N/A
366	Redacted	CAISO_Solar	1	solar	solar_2022_5	0.16	1	#N/A
367	Redacted	CAISO_Solar	1	solar	solar_2022_6	0.31	1	#N/A
368	Redacted	CAISO_Solar	1	solar	solar_2022_7	0.39	1	#N/A
369	Redacted	CAISO_Solar	1	solar	solar_2022_8	0.27	1	#N/A
370	Redacted	CAISO_Solar	1	solar	solar_2022_9	0.14	1	#N/A
371	Redacted	CAISO_Solar	1	solar	solar_2022_10	0.02	1	#N/A
372	Redacted	CAISO_Solar	1	solar	solar_2022_11	0.02	1	#N/A
373	Redacted	CAISO_Solar	1	solar	solar_2022_12	0	1	#N/A
374	Redacted	CAISO_Solar	1	solar	solar_2023_1	0.04	1	#N/A
375	Redacted	CAISO_Solar	1	solar	solar_2023_2	0.03	1	#N/A
376	Redacted	CAISO_Solar	1	solar	solar_2023_3	0.18	1	#N/A
377	Redacted	CAISO_Solar	1	solar	solar_2023_4	0.15	1	#N/A
378	Redacted	CAISO_Solar	1	solar	solar_2023_5	0.16	1	#N/A
379	Redacted	CAISO_Solar	1	solar	solar_2023_6	0.31	1	#N/A
380	Redacted	CAISO_Solar	1	solar	solar_2023_7	0.39	1	#N/A
381	Redacted	CAISO_Solar	1	solar	solar_2023_8	0.27	1	#N/A
382	Redacted	CAISO_Solar	1	solar	solar_2023_9	0.14	1	#N/A
383	Redacted	CAISO_Solar	1	solar	solar_2023_10	0.02	1	#N/A
384	Redacted	CAISO_Solar	1	solar	solar_2023_11	0.02	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
358	Redacted	ok	existing_generic	1	0
359	Redacted	ok	existing_generic	1	0
360	Redacted	ok	existing_generic	1	0
361	Redacted	ok	existing_generic	1	0
362	Redacted	ok	existing_generic	1	0
363	Redacted	ok	existing_generic	1	0
364	Redacted	ok	existing_generic	1	0
365	Redacted	ok	existing_generic	1	0
366	Redacted	ok	existing_generic	1	0
367	Redacted	ok	existing_generic	1	0
368	Redacted	ok	existing_generic	1	0
369	Redacted	ok	existing_generic	1	0
370	Redacted	ok	existing_generic	1	0
371	Redacted	ok	existing_generic	1	0
372	Redacted	ok	existing_generic	1	0
373	Redacted	ok	existing_generic	1	0
374	Redacted	ok	existing_generic	1	0
375	Redacted	ok	existing_generic	1	0
376	Redacted	ok	existing_generic	1	0
377	Redacted	ok	existing_generic	1	0
378	Redacted	ok	existing_generic	1	0
379	Redacted	ok	existing_generic	1	0
380	Redacted	ok	existing_generic	1	0
381	Redacted	ok	existing_generic	1	0
382	Redacted	ok	existing_generic	1	0
383	Redacted	ok	existing_generic	1	0
384	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
385	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2023	12	1.45833	Redacted		online		Redacted
386	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	1	1.45833	Redacted		online		Redacted
387	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	2	1.45833	Redacted		online		Redacted
388	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	3	1.45833	Redacted		online		Redacted
389	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	4	1.45833	Redacted		online		Redacted
390	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	5	1.45833	Redacted		online		Redacted
391	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	6	1.45833	Redacted		online		Redacted
392	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	7	1.45833	Redacted		online		Redacted
393	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	8	1.45833	Redacted		online		Redacted
394	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	9	1.45833	Redacted		online		Redacted
395	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	10	1.45833	Redacted		online		Redacted
396	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	11	1.45833	Redacted		online		Redacted
397	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2024	12	1.45833	Redacted		online		Redacted
398	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	1	1.45833	Redacted		online		Redacted
399	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	2	1.45833	Redacted		online		Redacted
400	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	3	1.45833	Redacted		online		Redacted
401	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	4	1.45833	Redacted		online		Redacted
402	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	5	1.45833	Redacted		online		Redacted
403	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	6	1.45833	Redacted		online		Redacted
404	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	7	1.45833	Redacted		online		Redacted
405	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	8	1.45833	Redacted		online		Redacted
406	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	9	1.45833	Redacted		online		Redacted
407	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	10	1.45833	Redacted		online		Redacted
408	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	11	1.45833	Redacted		online		Redacted
409	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2025	12	1.45833	Redacted		online		Redacted
410	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	1	1.45833	Redacted		online		Redacted
411	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	2	1.45833	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
385	Redacted	CAISO_Solar	1	solar	solar_2023_12	0	1	#N/A
386	Redacted	CAISO_Solar	1	solar	solar_2024_1	0.034747714	1	#N/A
387	Redacted	CAISO_Solar	1	solar	solar_2024_2	0.026060786	1	#N/A
388	Redacted	CAISO_Solar	1	solar	solar_2024_3	0.156364714	1	#N/A
389	Redacted	CAISO_Solar	1	solar	solar_2024_4	0.130303929	1	#N/A
390	Redacted	CAISO_Solar	1	solar	solar_2024_5	0.138990857	1	#N/A
391	Redacted	CAISO_Solar	1	solar	solar_2024_6	0.269294786	1	#N/A
392	Redacted	CAISO_Solar	1	solar	solar_2024_7	0.338790214	1	#N/A
393	Redacted	CAISO_Solar	1	solar	solar_2024_8	0.234547071	1	#N/A
394	Redacted	CAISO_Solar	1	solar	solar_2024_9	0.121617	1	#N/A
395	Redacted	CAISO_Solar	1	solar	solar_2024_10	0.017373857	1	#N/A
396	Redacted	CAISO_Solar	1	solar	solar_2024_11	0.017373857	1	#N/A
397	Redacted	CAISO_Solar	1	solar	solar_2024_12	0	1	#N/A
398	Redacted	CAISO_Solar	1	solar	solar_2025_1	0.029495143	1	#N/A
399	Redacted	CAISO_Solar	1	solar	solar_2025_2	0.022121357	1	#N/A
400	Redacted	CAISO_Solar	1	solar	solar_2025_3	0.132728143	1	#N/A
401	Redacted	CAISO_Solar	1	solar	solar_2025_4	0.110606786	1	#N/A
402	Redacted	CAISO_Solar	1	solar	solar_2025_5	0.117980571	1	#N/A
403	Redacted	CAISO_Solar	1	solar	solar_2025_6	0.228587357	1	#N/A
404	Redacted	CAISO_Solar	1	solar	solar_2025_7	0.287577643	1	#N/A
405	Redacted	CAISO_Solar	1	solar	solar_2025_8	0.199092214	1	#N/A
406	Redacted	CAISO_Solar	1	solar	solar_2025_9	0.103233	1	#N/A
407	Redacted	CAISO_Solar	1	solar	solar_2025_10	0.014747571	1	#N/A
408	Redacted	CAISO_Solar	1	solar	solar_2025_11	0.014747571	1	#N/A
409	Redacted	CAISO_Solar	1	solar	solar_2025_12	0	1	#N/A
410	Redacted	CAISO_Solar	1	solar	solar_2026_1	0.024242857	1	#N/A
411	Redacted	CAISO_Solar	1	solar	solar_2026_2	0.018182143	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
385	Redacted	ok	existing_generic	1	0
386	Redacted	ok	existing_generic	1	0
387	Redacted	ok	existing_generic	1	0
388	Redacted	ok	existing_generic	1	0
389	Redacted	ok	existing_generic	1	0
390	Redacted	ok	existing_generic	1	0
391	Redacted	ok	existing_generic	1	0
392	Redacted	ok	existing_generic	1	0
393	Redacted	ok	existing_generic	1	0
394	Redacted	ok	existing_generic	1	0
395	Redacted	ok	existing_generic	1	0
396	Redacted	ok	existing_generic	1	0
397	Redacted	ok	existing_generic	1	0
398	Redacted	ok	existing_generic	1	0
399	Redacted	ok	existing_generic	1	0
400	Redacted	ok	existing_generic	1	0
401	Redacted	ok	existing_generic	1	0
402	Redacted	ok	existing_generic	1	0
403	Redacted	ok	existing_generic	1	0
404	Redacted	ok	existing_generic	1	0
405	Redacted	ok	existing_generic	1	0
406	Redacted	ok	existing_generic	1	0
407	Redacted	ok	existing_generic	1	0
408	Redacted	ok	existing_generic	1	0
409	Redacted	ok	existing_generic	1	0
410	Redacted	ok	existing_generic	1	0
411	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
412	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	3	1.45833	Redacted		online		Redacted
413	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	4	1.45833	Redacted		online		Redacted
414	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	5	1.45833	Redacted		online		Redacted
415	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	6	1.45833	Redacted		online		Redacted
416	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	7	1.45833	Redacted		online		Redacted
417	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	8	1.45833	Redacted		online		Redacted
418	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	9	1.45833	Redacted		online		Redacted
419	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	10	1.45833	Redacted		online		Redacted
420	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	11	1.45833	Redacted		online		Redacted
421	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2026	12	1.45833	Redacted		online		Redacted
422	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	1	1.45833	Redacted		online		Redacted
423	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	2	1.45833	Redacted		online		Redacted
424	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	3	1.45833	Redacted		online		Redacted
425	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	4	1.45833	Redacted		online		Redacted
426	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	5	1.45833	Redacted		online		Redacted
427	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	6	1.45833	Redacted		online		Redacted
428	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	7	1.45833	Redacted		online		Redacted
429	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	8	1.45833	Redacted		online		Redacted
430	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	9	1.45833	Redacted		online		Redacted
431	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	10	1.45833	Redacted		online		Redacted
432	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	11	1.45833	Redacted		online		Redacted
433	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2027	12	1.45833	Redacted		online		Redacted
434	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	1	1.45833	Redacted		online		Redacted
435	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	2	1.45833	Redacted		online		Redacted
436	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	3	1.45833	Redacted		online		Redacted
437	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	4	1.45833	Redacted		online		Redacted
438	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	5	1.45833	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
412	Redacted	CAISO_Solar	1	solar	solar_2026_3	0.109092857	1	#N/A
413	Redacted	CAISO_Solar	1	solar	solar_2026_4	0.090910714	1	#N/A
414	Redacted	CAISO_Solar	1	solar	solar_2026_5	0.096971429	1	#N/A
415	Redacted	CAISO_Solar	1	solar	solar_2026_6	0.187882143	1	#N/A
416	Redacted	CAISO_Solar	1	solar	solar_2026_7	0.236367857	1	#N/A
417	Redacted	CAISO_Solar	1	solar	solar_2026_8	0.163639286	1	#N/A
418	Redacted	CAISO_Solar	1	solar	solar_2026_9	0.08485	1	#N/A
419	Redacted	CAISO_Solar	1	solar	solar_2026_10	0.012121429	1	#N/A
420	Redacted	CAISO_Solar	1	solar	solar_2026_11	0.012121429	1	#N/A
421	Redacted	CAISO_Solar	1	solar	solar_2026_12	0	1	#N/A
422	Redacted	CAISO_Solar	1	solar	solar_2027_1	0.021497714	1	#N/A
423	Redacted	CAISO_Solar	1	solar	solar_2027_2	0.016123286	1	#N/A
424	Redacted	CAISO_Solar	1	solar	solar_2027_3	0.096739714	1	#N/A
425	Redacted	CAISO_Solar	1	solar	solar_2027_4	0.080616429	1	#N/A
426	Redacted	CAISO_Solar	1	solar	solar_2027_5	0.085990857	1	#N/A
427	Redacted	CAISO_Solar	1	solar	solar_2027_6	0.166607286	1	#N/A
428	Redacted	CAISO_Solar	1	solar	solar_2027_7	0.209602714	1	#N/A
429	Redacted	CAISO_Solar	1	solar	solar_2027_8	0.145109571	1	#N/A
430	Redacted	CAISO_Solar	1	solar	solar_2027_9	0.075242	1	#N/A
431	Redacted	CAISO_Solar	1	solar	solar_2027_10	0.010748857	1	#N/A
432	Redacted	CAISO_Solar	1	solar	solar_2027_11	0.010748857	1	#N/A
433	Redacted	CAISO_Solar	1	solar	solar_2027_12	0	1	#N/A
434	Redacted	CAISO_Solar	1	solar	solar_2028_1	0.018752857	1	#N/A
435	Redacted	CAISO_Solar	1	solar	solar_2028_2	0.014064643	1	#N/A
436	Redacted	CAISO_Solar	1	solar	solar_2028_3	0.084387857	1	#N/A
437	Redacted	CAISO_Solar	1	solar	solar_2028_4	0.070323214	1	#N/A
438	Redacted	CAISO_Solar	1	solar	solar_2028_5	0.075011429	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
412	Redacted	ok	existing_generic	1	0
413	Redacted	ok	existing_generic	1	0
414	Redacted	ok	existing_generic	1	0
415	Redacted	ok	existing_generic	1	0
416	Redacted	ok	existing_generic	1	0
417	Redacted	ok	existing_generic	1	0
418	Redacted	ok	existing_generic	1	0
419	Redacted	ok	existing_generic	1	0
420	Redacted	ok	existing_generic	1	0
421	Redacted	ok	existing_generic	1	0
422	Redacted	ok	existing_generic	1	0
423	Redacted	ok	existing_generic	1	0
424	Redacted	ok	existing_generic	1	0
425	Redacted	ok	existing_generic	1	0
426	Redacted	ok	existing_generic	1	0
427	Redacted	ok	existing_generic	1	0
428	Redacted	ok	existing_generic	1	0
429	Redacted	ok	existing_generic	1	0
430	Redacted	ok	existing_generic	1	0
431	Redacted	ok	existing_generic	1	0
432	Redacted	ok	existing_generic	1	0
433	Redacted	ok	existing_generic	1	0
434	Redacted	ok	existing_generic	1	0
435	Redacted	ok	existing_generic	1	0
436	Redacted	ok	existing_generic	1	0
437	Redacted	ok	existing_generic	1	0
438	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
439	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	6	1.45833	Redacted		online		Redacted
440	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	7	1.45833	Redacted		online		Redacted
441	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	8	1.45833	Redacted		online		Redacted
442	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	9	1.45833	Redacted		online		Redacted
443	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	10	1.45833	Redacted		online		Redacted
444	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	11	1.45833	Redacted		online		Redacted
445	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2028	12	1.45833	Redacted		online		Redacted
446	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	1	1.45833	Redacted		online		Redacted
447	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	2	1.45833	Redacted		online		Redacted
448	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	3	1.45833	Redacted		online		Redacted
449	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	4	1.45833	Redacted		online		Redacted
450	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	5	1.45833	Redacted		online		Redacted
451	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	6	1.45833	Redacted		online		Redacted
452	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	7	1.45833	Redacted		online		Redacted
453	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	8	1.45833	Redacted		online		Redacted
454	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	9	1.45833	Redacted		online		Redacted
455	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	10	1.45833	Redacted		online		Redacted
456	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	11	1.45833	Redacted		online		Redacted
457	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2029	12	1.45833	Redacted		online		Redacted
458	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	1	1.45833	Redacted		online		Redacted
459	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	2	1.45833	Redacted		online		Redacted
460	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	3	1.45833	Redacted		online		Redacted
461	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	4	1.45833	Redacted		online		Redacted
462	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	5	1.45833	Redacted		online		Redacted
463	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	6	1.45833	Redacted		online		Redacted
464	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	7	1.45833	Redacted		online		Redacted
465	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	8	1.45833	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
439	Redacted	CAISO_Solar	1	solar	solar_2028_6	0.145334643	1	#N/A
440	Redacted	CAISO_Solar	1	solar	solar_2028_7	0.182840357	1	#N/A
441	Redacted	CAISO_Solar	1	solar	solar_2028_8	0.126581786	1	#N/A
442	Redacted	CAISO_Solar	1	solar	solar_2028_9	0.065635	1	#N/A
443	Redacted	CAISO_Solar	1	solar	solar_2028_10	0.009376429	1	#N/A
444	Redacted	CAISO_Solar	1	solar	solar_2028_11	0.009376429	1	#N/A
445	Redacted	CAISO_Solar	1	solar	solar_2028_12	0	1	#N/A
446	Redacted	CAISO_Solar	1	solar	solar_2029_1	0.016008	1	#N/A
447	Redacted	CAISO_Solar	1	solar	solar_2029_2	0.012006	1	#N/A
448	Redacted	CAISO_Solar	1	solar	solar_2029_3	0.072036	1	#N/A
449	Redacted	CAISO_Solar	1	solar	solar_2029_4	0.06003	1	#N/A
450	Redacted	CAISO_Solar	1	solar	solar_2029_5	0.064032	1	#N/A
451	Redacted	CAISO_Solar	1	solar	solar_2029_6	0.124062	1	#N/A
452	Redacted	CAISO_Solar	1	solar	solar_2029_7	0.156078	1	#N/A
453	Redacted	CAISO_Solar	1	solar	solar_2029_8	0.108054	1	#N/A
454	Redacted	CAISO_Solar	1	solar	solar_2029_9	0.056028	1	#N/A
455	Redacted	CAISO_Solar	1	solar	solar_2029_10	0.008004	1	#N/A
456	Redacted	CAISO_Solar	1	solar	solar_2029_11	0.008004	1	#N/A
457	Redacted	CAISO_Solar	1	solar	solar_2029_12	0	1	#N/A
458	Redacted	CAISO_Solar	1	solar	solar_2030_1	0.013263143	1	#N/A
459	Redacted	CAISO_Solar	1	solar	solar_2030_2	0.009947357	1	#N/A
460	Redacted	CAISO_Solar	1	solar	solar_2030_3	0.059684143	1	#N/A
461	Redacted	CAISO_Solar	1	solar	solar_2030_4	0.049736786	1	#N/A
462	Redacted	CAISO_Solar	1	solar	solar_2030_5	0.053052571	1	#N/A
463	Redacted	CAISO_Solar	1	solar	solar_2030_6	0.102789357	1	#N/A
464	Redacted	CAISO_Solar	1	solar	solar_2030_7	0.129315643	1	#N/A
465	Redacted	CAISO_Solar	1	solar	solar_2030_8	0.089526214	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
439	Redacted	ok	existing_generic	1	0
440	Redacted	ok	existing_generic	1	0
441	Redacted	ok	existing_generic	1	0
442	Redacted	ok	existing_generic	1	0
443	Redacted	ok	existing_generic	1	0
444	Redacted	ok	existing_generic	1	0
445	Redacted	ok	existing_generic	1	0
446	Redacted	ok	existing_generic	1	0
447	Redacted	ok	existing_generic	1	0
448	Redacted	ok	existing_generic	1	0
449	Redacted	ok	existing_generic	1	0
450	Redacted	ok	existing_generic	1	0
451	Redacted	ok	existing_generic	1	0
452	Redacted	ok	existing_generic	1	0
453	Redacted	ok	existing_generic	1	0
454	Redacted	ok	existing_generic	1	0
455	Redacted	ok	existing_generic	1	0
456	Redacted	ok	existing_generic	1	0
457	Redacted	ok	existing_generic	1	0
458	Redacted	ok	existing_generic	1	0
459	Redacted	ok	existing_generic	1	0
460	Redacted	ok	existing_generic	1	0
461	Redacted	ok	existing_generic	1	0
462	Redacted	ok	existing_generic	1	0
463	Redacted	ok	existing_generic	1	0
464	Redacted	ok	existing_generic	1	0
465	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
466	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	9	1.45833	Redacted		online		Redacted
467	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	10	1.45833	Redacted		online		Redacted
468	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	11	1.45833	Redacted		online		Redacted
469	LCE	existing_generic_solar_1axis	1575 Direct_PCC1_LT_1	2030	12	1.45833	Redacted		online		Redacted
470	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	1	2.5	Redacted		online		Redacted
471	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	2	2.5	Redacted		online		Redacted
472	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	3	2.5	Redacted		online		Redacted
473	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	4	2.5	Redacted		online		Redacted
474	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	5	2.5	Redacted		online		Redacted
475	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	6	2.5	Redacted		online		Redacted
476	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	7	2.5	Redacted		online		Redacted
477	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	8	2.5	Redacted		online		Redacted
478	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	9	2.5	Redacted		online		Redacted
479	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	10	2.5	Redacted		online		Redacted
480	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	11	2.5	Redacted		online		Redacted
481	LCE	existing_generic_geothermal	1583 Calpine_PCC1_1_LCE	2020	12	2.5	Redacted		online		Redacted
482	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	1	18.6	Redacted		online		Redacted
483	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	2	17.4	Redacted		online		Redacted
484	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	3	18.575	Redacted		online		Redacted
485	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	4	18	Redacted		online		Redacted
486	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	5	18.6	Redacted		online		Redacted
487	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	6	18	Redacted		online		Redacted
488	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	7	18.6	Redacted		online		Redacted
489	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	8	18.6	Redacted		online		Redacted
490	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	9	18	Redacted		online		Redacted
491	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	10	18.6	Redacted		online		Redacted
492	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	11	18.025	Redacted		online		Redacted
493	LCE	unspecified_non_import	1584 Direct_ATC_1_LCE	2020	12	18.6	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
466	Redacted	CAISO_Solar	1	solar	solar_2030_9	0.046421	1	#N/A
467	Redacted	CAISO_Solar	1	solar	solar_2030_10	0.006631571	1	#N/A
468	Redacted	CAISO_Solar	1	solar	solar_2030_11	0.006631571	1	#N/A
469	Redacted	CAISO_Solar	1	solar	solar_2030_12	0	1	#N/A
470	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_1	0.95	1	#N/A
471	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_2	0.92	1	#N/A
472	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_3	0.88	1	#N/A
473	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_4	0.76	1	#N/A
474	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_5	0.74	1	#N/A
475	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_6	0.7	1	#N/A
476	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_7	0.84	1	#N/A
477	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_8	0.82	1	#N/A
478	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_9	0.83	1	#N/A
479	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_10	0.86	1	#N/A
480	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_11	0.93	1	#N/A
481	Redacted	CAISO_Geothermal	1	geothermal	geothermal_2020_12	0.95	1	#N/A
482	Redacted	unspecified_non_import	1	unknown	unknown_2020_1	0	1	#N/A
483	Redacted	unspecified_non_import	1	unknown	unknown_2020_2	0	1	#N/A
484	Redacted	unspecified_non_import	1	unknown	unknown_2020_3	0	1	#N/A
485	Redacted	unspecified_non_import	1	unknown	unknown_2020_4	0	1	#N/A
486	Redacted	unspecified_non_import	1	unknown	unknown_2020_5	0	1	#N/A
487	Redacted	unspecified_non_import	1	unknown	unknown_2020_6	0	1	#N/A
488	Redacted	unspecified_non_import	1	unknown	unknown_2020_7	0	1	#N/A
489	Redacted	unspecified_non_import	1	unknown	unknown_2020_8	0	1	#N/A
490	Redacted	unspecified_non_import	1	unknown	unknown_2020_9	0	1	#N/A
491	Redacted	unspecified_non_import	1	unknown	unknown_2020_10	0	1	#N/A
492	Redacted	unspecified_non_import	1	unknown	unknown_2020_11	0	1	#N/A
493	Redacted	unspecified_non_import	1	unknown	unknown_2020_12	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
466	Redacted	ok	existing_generic	1	0
467	Redacted	ok	existing_generic	1	0
468	Redacted	ok	existing_generic	1	0
469	Redacted	ok	existing_generic	1	0
470	Redacted	ok	existing_generic	1	0
471	Redacted	ok	existing_generic	1	0
472	Redacted	ok	existing_generic	1	0
473	Redacted	ok	existing_generic	1	0
474	Redacted	ok	existing_generic	1	0
475	Redacted	ok	existing_generic	1	0
476	Redacted	ok	existing_generic	1	0
477	Redacted	ok	existing_generic	1	0
478	Redacted	ok	existing_generic	1	0
479	Redacted	ok	existing_generic	1	0
480	Redacted	ok	existing_generic	1	0
481	Redacted	ok	existing_generic	1	0
482	Redacted	ok	special	1	0
483	Redacted	ok	special	1	0
484	Redacted	ok	special	1	0
485	Redacted	ok	special	1	0
486	Redacted	ok	special	1	0
487	Redacted	ok	special	1	0
488	Redacted	ok	special	1	0
489	Redacted	ok	special	1	0
490	Redacted	ok	special	1	0
491	Redacted	ok	special	1	0
492	Redacted	ok	special	1	0
493	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
494	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	1	4.979	Redacted		online		Redacted
495	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	2	3.986	Redacted		online		Redacted
496	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	3	0	Redacted		online		Redacted
497	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	4	0	Redacted		online		Redacted
498	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	5	0	Redacted		online		Redacted
499	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	6	0	Redacted		online		Redacted
500	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	7	0	Redacted		online		Redacted
501	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	8	0	Redacted		online		Redacted
502	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	9	0	Redacted		online		Redacted
503	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	10	0	Redacted		online		Redacted
504	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	11	0	Redacted		online		Redacted
505	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2020	12	0	Redacted		online		Redacted
506	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	1	13.314	Redacted		online		Redacted
507	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	2	8.472	Redacted		online		Redacted
508	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	3	4.989	Redacted		online		Redacted
509	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	4	3.43	Redacted		online		Redacted
510	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	5	4.52	Redacted		online		Redacted
511	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	6	13.774	Redacted		online		Redacted
512	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	7	16.681	Redacted		online		Redacted
513	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	8	15.207	Redacted		online		Redacted
514	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	9	9.291	Redacted		online		Redacted
515	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	10	10.801	Redacted		online		Redacted
516	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	11	8.391	Redacted		online		Redacted
517	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2021	12	14.889	Redacted		online		Redacted
518	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	1	12.199	Redacted		online		Redacted
519	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	2	9.292	Redacted		online		Redacted
520	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	3	7.552	Redacted		online		Redacted
521	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	4	5.487	Redacted		online		Redacted
522	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	5	5.383	Redacted		online		Redacted
523	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	6	14.1	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
494	Redacted	unspecified_non_import	1	unknown	unknown_2020_1	0	1	#N/A
495	Redacted	unspecified_non_import	1	unknown	unknown_2020_2	0	1	#N/A
496	Redacted	unspecified_non_import	1	unknown	unknown_2020_3	0	1	#N/A
497	Redacted	unspecified_non_import	1	unknown	unknown_2020_4	0	1	#N/A
498	Redacted	unspecified_non_import	1	unknown	unknown_2020_5	0	1	#N/A
499	Redacted	unspecified_non_import	1	unknown	unknown_2020_6	0	1	#N/A
500	Redacted	unspecified_non_import	1	unknown	unknown_2020_7	0	1	#N/A
501	Redacted	unspecified_non_import	1	unknown	unknown_2020_8	0	1	#N/A
502	Redacted	unspecified_non_import	1	unknown	unknown_2020_9	0	1	#N/A
503	Redacted	unspecified_non_import	1	unknown	unknown_2020_10	0	1	#N/A
504	Redacted	unspecified_non_import	1	unknown	unknown_2020_11	0	1	#N/A
505	Redacted	unspecified_non_import	1	unknown	unknown_2020_12	0	1	#N/A
506	Redacted	unspecified_non_import	1	unknown	unknown_2021_1	0	1	#N/A
507	Redacted	unspecified_non_import	1	unknown	unknown_2021_2	0	1	#N/A
508	Redacted	unspecified_non_import	1	unknown	unknown_2021_3	0	1	#N/A
509	Redacted	unspecified_non_import	1	unknown	unknown_2021_4	0	1	#N/A
510	Redacted	unspecified_non_import	1	unknown	unknown_2021_5	0	1	#N/A
511	Redacted	unspecified_non_import	1	unknown	unknown_2021_6	0	1	#N/A
512	Redacted	unspecified_non_import	1	unknown	unknown_2021_7	0	1	#N/A
513	Redacted	unspecified_non_import	1	unknown	unknown_2021_8	0	1	#N/A
514	Redacted	unspecified_non_import	1	unknown	unknown_2021_9	0	1	#N/A
515	Redacted	unspecified_non_import	1	unknown	unknown_2021_10	0	1	#N/A
516	Redacted	unspecified_non_import	1	unknown	unknown_2021_11	0	1	#N/A
517	Redacted	unspecified_non_import	1	unknown	unknown_2021_12	0	1	#N/A
518	Redacted	unspecified_non_import	1	unknown	unknown_2022_1	0	1	#N/A
519	Redacted	unspecified_non_import	1	unknown	unknown_2022_2	0	1	#N/A
520	Redacted	unspecified_non_import	1	unknown	unknown_2022_3	0	1	#N/A
521	Redacted	unspecified_non_import	1	unknown	unknown_2022_4	0	1	#N/A
522	Redacted	unspecified_non_import	1	unknown	unknown_2022_5	0	1	#N/A
523	Redacted	unspecified_non_import	1	unknown	unknown_2022_6	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
494	Redacted	ok	special	1	0
495	Redacted	ok	special	1	0
496	Redacted	ok	special	0	0
497	Redacted	ok	special	0	0
498	Redacted	ok	special	0	0
499	Redacted	ok	special	0	0
500	Redacted	ok	special	0	0
501	Redacted	ok	special	0	0
502	Redacted	ok	special	0	0
503	Redacted	ok	special	0	0
504	Redacted	ok	special	0	0
505	Redacted	ok	special	0	0
506	Redacted	ok	special	1	0
507	Redacted	ok	special	1	0
508	Redacted	ok	special	1	0
509	Redacted	ok	special	1	0
510	Redacted	ok	special	1	0
511	Redacted	ok	special	1	0
512	Redacted	ok	special	1	0
513	Redacted	ok	special	1	0
514	Redacted	ok	special	1	0
515	Redacted	ok	special	1	0
516	Redacted	ok	special	1	0
517	Redacted	ok	special	1	0
518	Redacted	ok	special	1	0
519	Redacted	ok	special	1	0
520	Redacted	ok	special	1	0
521	Redacted	ok	special	1	0
522	Redacted	ok	special	1	0
523	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
524	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	7	18.004	Redacted		online		Redacted
525	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	8	17.884	Redacted		online		Redacted
526	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	9	11.364	Redacted		online		Redacted
527	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	10	11.416	Redacted		online		Redacted
528	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	11	10.816	Redacted		online		Redacted
529	LCE	unspecified_non_import	1619 Direct_Shaped_7_LCE	2022	12	12.622	Redacted		online		Redacted
530	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	1	2	Redacted		online		Redacted
531	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	2	2	Redacted		online		Redacted
532	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	3	2	Redacted		online		Redacted
533	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	4	2	Redacted		online		Redacted
534	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	5	2	Redacted		online		Redacted
535	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	6	2	Redacted		online		Redacted
536	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	7	2	Redacted		online		Redacted
537	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	8	2	Redacted		online		Redacted
538	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	9	2	Redacted		online		Redacted
539	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	10	2	Redacted		online		Redacted
540	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	11	2	Redacted		online		Redacted
541	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2021	12	2	Redacted		online		Redacted
542	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	1	2	Redacted		online		Redacted
543	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	2	2	Redacted		online		Redacted
544	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	3	2	Redacted		online		Redacted
545	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	4	2	Redacted		online		Redacted
546	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	5	2	Redacted		online		Redacted
547	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	6	2	Redacted		online		Redacted
548	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	7	2	Redacted		online		Redacted
549	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	8	2	Redacted		online		Redacted
550	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	9	2	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
524	Redacted	unspecified_non_import	1	unknown	unknown_2022_7	0	1	#N/A
525	Redacted	unspecified_non_import	1	unknown	unknown_2022_8	0	1	#N/A
526	Redacted	unspecified_non_import	1	unknown	unknown_2022_9	0	1	#N/A
527	Redacted	unspecified_non_import	1	unknown	unknown_2022_10	0	1	#N/A
528	Redacted	unspecified_non_import	1	unknown	unknown_2022_11	0	1	#N/A
529	Redacted	unspecified_non_import	1	unknown	unknown_2022_12	0	1	#N/A
530	Redacted	unbundled_rec	1	unknown	unknown_2021_1	0	1	#N/A
531	Redacted	unbundled_rec	1	unknown	unknown_2021_2	0	1	#N/A
532	Redacted	unbundled_rec	1	unknown	unknown_2021_3	0	1	#N/A
533	Redacted	unbundled_rec	1	unknown	unknown_2021_4	0	1	#N/A
534	Redacted	unbundled_rec	1	unknown	unknown_2021_5	0	1	#N/A
535	Redacted	unbundled_rec	1	unknown	unknown_2021_6	0	1	#N/A
536	Redacted	unbundled_rec	1	unknown	unknown_2021_7	0	1	#N/A
537	Redacted	unbundled_rec	1	unknown	unknown_2021_8	0	1	#N/A
538	Redacted	unbundled_rec	1	unknown	unknown_2021_9	0	1	#N/A
539	Redacted	unbundled_rec	1	unknown	unknown_2021_10	0	1	#N/A
540	Redacted	unbundled_rec	1	unknown	unknown_2021_11	0	1	#N/A
541	Redacted	unbundled_rec	1	unknown	unknown_2021_12	0	1	#N/A
542	Redacted	unbundled_rec	1	unknown	unknown_2022_1	0	1	#N/A
543	Redacted	unbundled_rec	1	unknown	unknown_2022_2	0	1	#N/A
544	Redacted	unbundled_rec	1	unknown	unknown_2022_3	0	1	#N/A
545	Redacted	unbundled_rec	1	unknown	unknown_2022_4	0	1	#N/A
546	Redacted	unbundled_rec	1	unknown	unknown_2022_5	0	1	#N/A
547	Redacted	unbundled_rec	1	unknown	unknown_2022_6	0	1	#N/A
548	Redacted	unbundled_rec	1	unknown	unknown_2022_7	0	1	#N/A
549	Redacted	unbundled_rec	1	unknown	unknown_2022_8	0	1	#N/A
550	Redacted	unbundled_rec	1	unknown	unknown_2022_9	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
524	Redacted	ok	special	1	0
525	Redacted	ok	special	1	0
526	Redacted	ok	special	1	0
527	Redacted	ok	special	1	0
528	Redacted	ok	special	1	0
529	Redacted	ok	special	1	0
530	Redacted	ok	special	1	0
531	Redacted	ok	special	1	0
532	Redacted	ok	special	1	0
533	Redacted	ok	special	1	0
534	Redacted	ok	special	1	0
535	Redacted	ok	special	1	0
536	Redacted	ok	special	1	0
537	Redacted	ok	special	1	0
538	Redacted	ok	special	1	0
539	Redacted	ok	special	1	0
540	Redacted	ok	special	1	0
541	Redacted	ok	special	1	0
542	Redacted	ok	special	1	0
543	Redacted	ok	special	1	0
544	Redacted	ok	special	1	0
545	Redacted	ok	special	1	0
546	Redacted	ok	special	1	0
547	Redacted	ok	special	1	0
548	Redacted	ok	special	1	0
549	Redacted	ok	special	1	0
550	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
551	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	10	2	Redacted		online		Redacted
552	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	11	2	Redacted		online		Redacted
553	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2022	12	2	Redacted		online		Redacted
554	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	1	2	Redacted		online		Redacted
555	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	2	2	Redacted		online		Redacted
556	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	3	2	Redacted		online		Redacted
557	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	4	2	Redacted		online		Redacted
558	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	5	2	Redacted		online		Redacted
559	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	6	2	Redacted		online		Redacted
560	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	7	2	Redacted		online		Redacted
561	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	8	2	Redacted		online		Redacted
562	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	9	2	Redacted		online		Redacted
563	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	10	2	Redacted		online		Redacted
564	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	11	2	Redacted		online		Redacted
565	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2023	12	2	Redacted		online		Redacted
566	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	1	2	Redacted		online		Redacted
567	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	2	2	Redacted		online		Redacted
568	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	3	2	Redacted		online		Redacted
569	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	4	2	Redacted		online		Redacted
570	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	5	2	Redacted		online		Redacted
571	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	6	2	Redacted		online		Redacted
572	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	7	2	Redacted		online		Redacted
573	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	8	2	Redacted		online		Redacted
574	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	9	2	Redacted		online		Redacted
575	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	10	2	Redacted		online		Redacted
576	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	11	2	Redacted		online		Redacted
577	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2024	12	2	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
551	Redacted	unbundled_rec	1	unknown	unknown_2022_10	0	1	#N/A
552	Redacted	unbundled_rec	1	unknown	unknown_2022_11	0	1	#N/A
553	Redacted	unbundled_rec	1	unknown	unknown_2022_12	0	1	#N/A
554	Redacted	unbundled_rec	1	unknown	unknown_2023_1	0	1	#N/A
555	Redacted	unbundled_rec	1	unknown	unknown_2023_2	0	1	#N/A
556	Redacted	unbundled_rec	1	unknown	unknown_2023_3	0	1	#N/A
557	Redacted	unbundled_rec	1	unknown	unknown_2023_4	0	1	#N/A
558	Redacted	unbundled_rec	1	unknown	unknown_2023_5	0	1	#N/A
559	Redacted	unbundled_rec	1	unknown	unknown_2023_6	0	1	#N/A
560	Redacted	unbundled_rec	1	unknown	unknown_2023_7	0	1	#N/A
561	Redacted	unbundled_rec	1	unknown	unknown_2023_8	0	1	#N/A
562	Redacted	unbundled_rec	1	unknown	unknown_2023_9	0	1	#N/A
563	Redacted	unbundled_rec	1	unknown	unknown_2023_10	0	1	#N/A
564	Redacted	unbundled_rec	1	unknown	unknown_2023_11	0	1	#N/A
565	Redacted	unbundled_rec	1	unknown	unknown_2023_12	0	1	#N/A
566	Redacted	unbundled_rec	1	unknown	unknown_2024_1	0	1	#N/A
567	Redacted	unbundled_rec	1	unknown	unknown_2024_2	0	1	#N/A
568	Redacted	unbundled_rec	1	unknown	unknown_2024_3	0	1	#N/A
569	Redacted	unbundled_rec	1	unknown	unknown_2024_4	0	1	#N/A
570	Redacted	unbundled_rec	1	unknown	unknown_2024_5	0	1	#N/A
571	Redacted	unbundled_rec	1	unknown	unknown_2024_6	0	1	#N/A
572	Redacted	unbundled_rec	1	unknown	unknown_2024_7	0	1	#N/A
573	Redacted	unbundled_rec	1	unknown	unknown_2024_8	0	1	#N/A
574	Redacted	unbundled_rec	1	unknown	unknown_2024_9	0	1	#N/A
575	Redacted	unbundled_rec	1	unknown	unknown_2024_10	0	1	#N/A
576	Redacted	unbundled_rec	1	unknown	unknown_2024_11	0	1	#N/A
577	Redacted	unbundled_rec	1	unknown	unknown_2024_12	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
551	Redacted	ok	special	1	0
552	Redacted	ok	special	1	0
553	Redacted	ok	special	1	0
554	Redacted	ok	special	1	0
555	Redacted	ok	special	1	0
556	Redacted	ok	special	1	0
557	Redacted	ok	special	1	0
558	Redacted	ok	special	1	0
559	Redacted	ok	special	1	0
560	Redacted	ok	special	1	0
561	Redacted	ok	special	1	0
562	Redacted	ok	special	1	0
563	Redacted	ok	special	1	0
564	Redacted	ok	special	1	0
565	Redacted	ok	special	1	0
566	Redacted	ok	special	1	0
567	Redacted	ok	special	1	0
568	Redacted	ok	special	1	0
569	Redacted	ok	special	1	0
570	Redacted	ok	special	1	0
571	Redacted	ok	special	1	0
572	Redacted	ok	special	1	0
573	Redacted	ok	special	1	0
574	Redacted	ok	special	1	0
575	Redacted	ok	special	1	0
576	Redacted	ok	special	1	0
577	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
578	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	1	2	Redacted		online		Redacted
579	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	2	2	Redacted		online		Redacted
580	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	3	2	Redacted		online		Redacted
581	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	4	2	Redacted		online		Redacted
582	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	5	2	Redacted		online		Redacted
583	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	6	2	Redacted		online		Redacted
584	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	7	2	Redacted		online		Redacted
585	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	8	2	Redacted		online		Redacted
586	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	9	2	Redacted		online		Redacted
587	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	10	2	Redacted		online		Redacted
588	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	11	2	Redacted		online		Redacted
589	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2025	12	2	Redacted		online		Redacted
590	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	1	2	Redacted		online		Redacted
591	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	2	2	Redacted		online		Redacted
592	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	3	2	Redacted		online		Redacted
593	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	4	2	Redacted		online		Redacted
594	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	5	2	Redacted		online		Redacted
595	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	6	2	Redacted		online		Redacted
596	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	7	2	Redacted		online		Redacted
597	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	8	2	Redacted		online		Redacted
598	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	9	2	Redacted		online		Redacted
599	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	10	2	Redacted		online		Redacted
600	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	11	2	Redacted		online		Redacted
601	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2026	12	2	Redacted		online		Redacted
602	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	1	2	Redacted		online		Redacted
603	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	2	2	Redacted		online		Redacted
604	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	3	2	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
578	Redacted	unbundled_rec	1	unknown	unknown_2025_1	0	1	#N/A
579	Redacted	unbundled_rec	1	unknown	unknown_2025_2	0	1	#N/A
580	Redacted	unbundled_rec	1	unknown	unknown_2025_3	0	1	#N/A
581	Redacted	unbundled_rec	1	unknown	unknown_2025_4	0	1	#N/A
582	Redacted	unbundled_rec	1	unknown	unknown_2025_5	0	1	#N/A
583	Redacted	unbundled_rec	1	unknown	unknown_2025_6	0	1	#N/A
584	Redacted	unbundled_rec	1	unknown	unknown_2025_7	0	1	#N/A
585	Redacted	unbundled_rec	1	unknown	unknown_2025_8	0	1	#N/A
586	Redacted	unbundled_rec	1	unknown	unknown_2025_9	0	1	#N/A
587	Redacted	unbundled_rec	1	unknown	unknown_2025_10	0	1	#N/A
588	Redacted	unbundled_rec	1	unknown	unknown_2025_11	0	1	#N/A
589	Redacted	unbundled_rec	1	unknown	unknown_2025_12	0	1	#N/A
590	Redacted	unbundled_rec	1	unknown	unknown_2026_1	0	1	#N/A
591	Redacted	unbundled_rec	1	unknown	unknown_2026_2	0	1	#N/A
592	Redacted	unbundled_rec	1	unknown	unknown_2026_3	0	1	#N/A
593	Redacted	unbundled_rec	1	unknown	unknown_2026_4	0	1	#N/A
594	Redacted	unbundled_rec	1	unknown	unknown_2026_5	0	1	#N/A
595	Redacted	unbundled_rec	1	unknown	unknown_2026_6	0	1	#N/A
596	Redacted	unbundled_rec	1	unknown	unknown_2026_7	0	1	#N/A
597	Redacted	unbundled_rec	1	unknown	unknown_2026_8	0	1	#N/A
598	Redacted	unbundled_rec	1	unknown	unknown_2026_9	0	1	#N/A
599	Redacted	unbundled_rec	1	unknown	unknown_2026_10	0	1	#N/A
600	Redacted	unbundled_rec	1	unknown	unknown_2026_11	0	1	#N/A
601	Redacted	unbundled_rec	1	unknown	unknown_2026_12	0	1	#N/A
602	Redacted	unbundled_rec	1	unknown	unknown_2027_1	0	1	#N/A
603	Redacted	unbundled_rec	1	unknown	unknown_2027_2	0	1	#N/A
604	Redacted	unbundled_rec	1	unknown	unknown_2027_3	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
578	Redacted	ok	special	1	0
579	Redacted	ok	special	1	0
580	Redacted	ok	special	1	0
581	Redacted	ok	special	1	0
582	Redacted	ok	special	1	0
583	Redacted	ok	special	1	0
584	Redacted	ok	special	1	0
585	Redacted	ok	special	1	0
586	Redacted	ok	special	1	0
587	Redacted	ok	special	1	0
588	Redacted	ok	special	1	0
589	Redacted	ok	special	1	0
590	Redacted	ok	special	1	0
591	Redacted	ok	special	1	0
592	Redacted	ok	special	1	0
593	Redacted	ok	special	1	0
594	Redacted	ok	special	1	0
595	Redacted	ok	special	1	0
596	Redacted	ok	special	1	0
597	Redacted	ok	special	1	0
598	Redacted	ok	special	1	0
599	Redacted	ok	special	1	0
600	Redacted	ok	special	1	0
601	Redacted	ok	special	1	0
602	Redacted	ok	special	1	0
603	Redacted	ok	special	1	0
604	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
605	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	4	2	Redacted		online		Redacted
606	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	5	2	Redacted		online		Redacted
607	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	6	2	Redacted		online		Redacted
608	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	7	2	Redacted		online		Redacted
609	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	8	2	Redacted		online		Redacted
610	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	9	2	Redacted		online		Redacted
611	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	10	2	Redacted		online		Redacted
612	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	11	2	Redacted		online		Redacted
613	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2027	12	2	Redacted		online		Redacted
614	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	1	2	Redacted		online		Redacted
615	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	2	2	Redacted		online		Redacted
616	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	3	2	Redacted		online		Redacted
617	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	4	2	Redacted		online		Redacted
618	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	5	2	Redacted		online		Redacted
619	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	6	2	Redacted		online		Redacted
620	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	7	2	Redacted		online		Redacted
621	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	8	2	Redacted		online		Redacted
622	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	9	2	Redacted		online		Redacted
623	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	10	2	Redacted		online		Redacted
624	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	11	2	Redacted		online		Redacted
625	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2028	12	2	Redacted		online		Redacted
626	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	1	2	Redacted		online		Redacted
627	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	2	2	Redacted		online		Redacted
628	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	3	2	Redacted		online		Redacted
629	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	4	2	Redacted		online		Redacted
630	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	5	2	Redacted		online		Redacted
631	LCE	unbundled_rec	1627 3Phases_PCC3_LT_1_LCE	2029	6	2	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
605	Redacted	unbundled_rec	1	unknown	unknown_2027_4	0	1	#N/A
606	Redacted	unbundled_rec	1	unknown	unknown_2027_5	0	1	#N/A
607	Redacted	unbundled_rec	1	unknown	unknown_2027_6	0	1	#N/A
608	Redacted	unbundled_rec	1	unknown	unknown_2027_7	0	1	#N/A
609	Redacted	unbundled_rec	1	unknown	unknown_2027_8	0	1	#N/A
610	Redacted	unbundled_rec	1	unknown	unknown_2027_9	0	1	#N/A
611	Redacted	unbundled_rec	1	unknown	unknown_2027_10	0	1	#N/A
612	Redacted	unbundled_rec	1	unknown	unknown_2027_11	0	1	#N/A
613	Redacted	unbundled_rec	1	unknown	unknown_2027_12	0	1	#N/A
614	Redacted	unbundled_rec	1	unknown	unknown_2028_1	0	1	#N/A
615	Redacted	unbundled_rec	1	unknown	unknown_2028_2	0	1	#N/A
616	Redacted	unbundled_rec	1	unknown	unknown_2028_3	0	1	#N/A
617	Redacted	unbundled_rec	1	unknown	unknown_2028_4	0	1	#N/A
618	Redacted	unbundled_rec	1	unknown	unknown_2028_5	0	1	#N/A
619	Redacted	unbundled_rec	1	unknown	unknown_2028_6	0	1	#N/A
620	Redacted	unbundled_rec	1	unknown	unknown_2028_7	0	1	#N/A
621	Redacted	unbundled_rec	1	unknown	unknown_2028_8	0	1	#N/A
622	Redacted	unbundled_rec	1	unknown	unknown_2028_9	0	1	#N/A
623	Redacted	unbundled_rec	1	unknown	unknown_2028_10	0	1	#N/A
624	Redacted	unbundled_rec	1	unknown	unknown_2028_11	0	1	#N/A
625	Redacted	unbundled_rec	1	unknown	unknown_2028_12	0	1	#N/A
626	Redacted	unbundled_rec	1	unknown	unknown_2029_1	0	1	#N/A
627	Redacted	unbundled_rec	1	unknown	unknown_2029_2	0	1	#N/A
628	Redacted	unbundled_rec	1	unknown	unknown_2029_3	0	1	#N/A
629	Redacted	unbundled_rec	1	unknown	unknown_2029_4	0	1	#N/A
630	Redacted	unbundled_rec	1	unknown	unknown_2029_5	0	1	#N/A
631	Redacted	unbundled_rec	1	unknown	unknown_2029_6	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
605	Redacted	ok	special	1	0
606	Redacted	ok	special	1	0
607	Redacted	ok	special	1	0
608	Redacted	ok	special	1	0
609	Redacted	ok	special	1	0
610	Redacted	ok	special	1	0
611	Redacted	ok	special	1	0
612	Redacted	ok	special	1	0
613	Redacted	ok	special	1	0
614	Redacted	ok	special	1	0
615	Redacted	ok	special	1	0
616	Redacted	ok	special	1	0
617	Redacted	ok	special	1	0
618	Redacted	ok	special	1	0
619	Redacted	ok	special	1	0
620	Redacted	ok	special	1	0
621	Redacted	ok	special	1	0
622	Redacted	ok	special	1	0
623	Redacted	ok	special	1	0
624	Redacted	ok	special	1	0
625	Redacted	ok	special	1	0
626	Redacted	ok	special	1	0
627	Redacted	ok	special	1	0
628	Redacted	ok	special	1	0
629	Redacted	ok	special	1	0
630	Redacted	ok	special	1	0
631	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**
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
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

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

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
632	Redacted	unbundled_rec	1	unknown	unknown_2029_7	0	1	#N/A
633	Redacted	unbundled_rec	1	unknown	unknown_2029_8	0	1	#N/A
634	Redacted	unbundled_rec	1	unknown	unknown_2029_9	0	1	#N/A
635	Redacted	unbundled_rec	1	unknown	unknown_2029_10	0	1	#N/A
636	Redacted	unbundled_rec	1	unknown	unknown_2029_11	0	1	#N/A
637	Redacted	unbundled_rec	1	unknown	unknown_2029_12	0	1	#N/A
638	Redacted	unbundled_rec	1	unknown	unknown_2030_1	0	1	#N/A
639	Redacted	unbundled_rec	1	unknown	unknown_2030_2	0	1	#N/A
640	Redacted	unbundled_rec	1	unknown	unknown_2030_3	0	1	#N/A
641	Redacted	unbundled_rec	1	unknown	unknown_2030_4	0	1	#N/A
642	Redacted	unbundled_rec	1	unknown	unknown_2030_5	0	1	#N/A
643	Redacted	unbundled_rec	1	unknown	unknown_2030_6	0	1	#N/A
644	Redacted	unbundled_rec	1	unknown	unknown_2030_7	0	1	#N/A
645	Redacted	unbundled_rec	1	unknown	unknown_2030_8	0	1	#N/A
646	Redacted	unbundled_rec	1	unknown	unknown_2030_9	0	1	#N/A
647	Redacted	unbundled_rec	1	unknown	unknown_2030_10	0	1	#N/A
648	Redacted	unbundled_rec	1	unknown	unknown_2030_11	0	1	#N/A
649	Redacted	unbundled_rec	1	unknown	unknown_2030_12	0	1	#N/A
650	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_1	0.14	1	#N/A
651	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_2	0.12	1	#N/A
652	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_3	0.28	1	#N/A
653	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_4	0.25	1	#N/A
654	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_5	0.25	1	#N/A
655	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_6	0.33	1	#N/A
656	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_7	0.23	1	#N/A
657	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_8	0.21	1	#N/A
658	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_9	0.15	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
632	Redacted	ok	special	1	0
633	Redacted	ok	special	1	0
634	Redacted	ok	special	1	0
635	Redacted	ok	special	1	0
636	Redacted	ok	special	1	0
637	Redacted	ok	special	1	0
638	Redacted	ok	special	1	0
639	Redacted	ok	special	1	0
640	Redacted	ok	special	1	0
641	Redacted	ok	special	1	0
642	Redacted	ok	special	1	0
643	Redacted	ok	special	1	0
644	Redacted	ok	special	1	0
645	Redacted	ok	special	1	0
646	Redacted	ok	special	1	0
647	Redacted	ok	special	1	0
648	Redacted	ok	special	1	0
649	Redacted	ok	special	1	0
650	Redacted	ok	new_resolve	1	1
651	Redacted	ok	new_resolve	1	1
652	Redacted	ok	new_resolve	1	1
653	Redacted	ok	new_resolve	1	1
654	Redacted	ok	new_resolve	1	1
655	Redacted	ok	new_resolve	1	1
656	Redacted	ok	new_resolve	1	1
657	Redacted	ok	new_resolve	1	1
658	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
659	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	10	2.219957582	Redacted		development		Redacted
660	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	11	2.174569199	Redacted		development		Redacted
661	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2021	12	2.357850196	Redacted		development		Redacted
662	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	1	2.256924577	Redacted		development		Redacted
663	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	2	2.384108205	Redacted		development		Redacted
664	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	3	2.939772279	Redacted		development		Redacted
665	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	4	3.308370753	Redacted		development		Redacted
666	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	5	3.877063591	Redacted		development		Redacted
667	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	6	3.818138791	Redacted		development		Redacted
668	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	7	2.99705347	Redacted		development		Redacted
669	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	8	2.660059535	Redacted		development		Redacted
670	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	9	2.013146344	Redacted		development		Redacted
671	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	10	2.219957582	Redacted		development		Redacted
672	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	11	2.174569199	Redacted		development		Redacted
673	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2022	12	2.357850196	Redacted		development		Redacted
674	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	1	2.256924577	Redacted		development		Redacted
675	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	2	2.384108205	Redacted		development		Redacted
676	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	3	2.939772279	Redacted		development		Redacted
677	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	4	3.308370753	Redacted		development		Redacted
678	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	5	3.877063591	Redacted		development		Redacted
679	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	6	3.818138791	Redacted		development		Redacted
680	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	7	2.99705347	Redacted		development		Redacted
681	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	8	2.660059535	Redacted		development		Redacted
682	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	9	2.013146344	Redacted		development		Redacted
683	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	10	2.219957582	Redacted		development		Redacted
684	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	11	2.174569199	Redacted		development		Redacted
685	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2023	12	2.357850196	Redacted		development		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
659	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_10	0.08	1	#N/A
660	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_11	0.12	1	#N/A
661	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2021_12	0.13	1	#N/A
662	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_1	0.14	1	#N/A
663	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_2	0.12	1	#N/A
664	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_3	0.28	1	#N/A
665	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_4	0.25	1	#N/A
666	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_5	0.25	1	#N/A
667	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_6	0.33	1	#N/A
668	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_7	0.23	1	#N/A
669	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_8	0.21	1	#N/A
670	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_9	0.15	1	#N/A
671	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_10	0.08	1	#N/A
672	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_11	0.12	1	#N/A
673	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2022_12	0.13	1	#N/A
674	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_1	0.14	1	#N/A
675	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_2	0.12	1	#N/A
676	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_3	0.28	1	#N/A
677	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_4	0.25	1	#N/A
678	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_5	0.25	1	#N/A
679	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_6	0.33	1	#N/A
680	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_7	0.23	1	#N/A
681	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_8	0.21	1	#N/A
682	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_9	0.15	1	#N/A
683	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_10	0.08	1	#N/A
684	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_11	0.12	1	#N/A
685	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2023_12	0.13	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
659	Redacted	ok	new_resolve	1	1
660	Redacted	ok	new_resolve	1	1
661	Redacted	ok	new_resolve	1	1
662	Redacted	ok	new_resolve	1	1
663	Redacted	ok	new_resolve	1	1
664	Redacted	ok	new_resolve	1	1
665	Redacted	ok	new_resolve	1	1
666	Redacted	ok	new_resolve	1	1
667	Redacted	ok	new_resolve	1	1
668	Redacted	ok	new_resolve	1	1
669	Redacted	ok	new_resolve	1	1
670	Redacted	ok	new_resolve	1	1
671	Redacted	ok	new_resolve	1	1
672	Redacted	ok	new_resolve	1	1
673	Redacted	ok	new_resolve	1	1
674	Redacted	ok	new_resolve	1	1
675	Redacted	ok	new_resolve	1	1
676	Redacted	ok	new_resolve	1	1
677	Redacted	ok	new_resolve	1	1
678	Redacted	ok	new_resolve	1	1
679	Redacted	ok	new_resolve	1	1
680	Redacted	ok	new_resolve	1	1
681	Redacted	ok	new_resolve	1	1
682	Redacted	ok	new_resolve	1	1
683	Redacted	ok	new_resolve	1	1
684	Redacted	ok	new_resolve	1	1
685	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**
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
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

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

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
686	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_1	0.161161252	1	#N/A
687	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_2	0.138138216	1	#N/A
688	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_3	0.322322504	1	#N/A
689	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_4	0.28778795	1	#N/A
690	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_5	0.28778795	1	#N/A
691	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_6	0.379880094	1	#N/A
692	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_7	0.264764914	1	#N/A
693	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_8	0.241741878	1	#N/A
694	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_9	0.17267277	1	#N/A
695	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_10	0.092092144	1	#N/A
696	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_11	0.138138216	1	#N/A
697	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2024_12	0.149649734	1	#N/A
698	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_1	0.182322495	1	#N/A
699	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_2	0.156276424	1	#N/A
700	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_3	0.364644989	1	#N/A
701	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_4	0.325575883	1	#N/A
702	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_5	0.325575883	1	#N/A
703	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_6	0.429760166	1	#N/A
704	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_7	0.299529813	1	#N/A
705	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_8	0.273483742	1	#N/A
706	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_9	0.19534553	1	#N/A
707	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_10	0.104184283	1	#N/A
708	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_11	0.156276424	1	#N/A
709	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2025_12	0.169299459	1	#N/A
710	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_1	0.203483747	1	#N/A
711	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_2	0.17441464	1	#N/A
712	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_3	0.406967493	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
686	Redacted	ok	new_resolve	1	1
687	Redacted	ok	new_resolve	1	1
688	Redacted	ok	new_resolve	1	1
689	Redacted	ok	new_resolve	1	1
690	Redacted	ok	new_resolve	1	1
691	Redacted	ok	new_resolve	1	1
692	Redacted	ok	new_resolve	1	1
693	Redacted	ok	new_resolve	1	1
694	Redacted	ok	new_resolve	1	1
695	Redacted	ok	new_resolve	1	1
696	Redacted	ok	new_resolve	1	1
697	Redacted	ok	new_resolve	1	1
698	Redacted	ok	new_resolve	1	1
699	Redacted	ok	new_resolve	1	1
700	Redacted	ok	new_resolve	1	1
701	Redacted	ok	new_resolve	1	1
702	Redacted	ok	new_resolve	1	1
703	Redacted	ok	new_resolve	1	1
704	Redacted	ok	new_resolve	1	1
705	Redacted	ok	new_resolve	1	1
706	Redacted	ok	new_resolve	1	1
707	Redacted	ok	new_resolve	1	1
708	Redacted	ok	new_resolve	1	1
709	Redacted	ok	new_resolve	1	1
710	Redacted	ok	new_resolve	1	1
711	Redacted	ok	new_resolve	1	1
712	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**
686	Tehachapi_Wind_1687 VOYAGER IV_PPA_1_LCE_Incremental Capacity	0	0	1	1	1	1	1	1	1	1
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
712	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	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
713	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	4	3.308370753	Redacted		development		Redacted
714	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	5	3.877063591	Redacted		development		Redacted
715	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	6	3.818138791	Redacted		development		Redacted
716	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	7	2.99705347	Redacted		development		Redacted
717	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	8	2.660059535	Redacted		development		Redacted
718	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	9	2.013146344	Redacted		development		Redacted
719	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	10	2.219957582	Redacted		development		Redacted
720	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	11	2.174569199	Redacted		development		Redacted
721	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2026	12	2.357850196	Redacted		development		Redacted
722	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	1	2.256924577	Redacted		development		Redacted
723	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	2	2.384108205	Redacted		development		Redacted
724	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	3	2.939772279	Redacted		development		Redacted
725	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	4	3.308370753	Redacted		development		Redacted
726	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	5	3.877063591	Redacted		development		Redacted
727	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	6	3.818138791	Redacted		development		Redacted
728	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	7	2.99705347	Redacted		development		Redacted
729	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	8	2.660059535	Redacted		development		Redacted
730	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	9	2.013146344	Redacted		development		Redacted
731	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	10	2.219957582	Redacted		development		Redacted
732	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	11	2.174569199	Redacted		development		Redacted
733	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2027	12	2.357850196	Redacted		development		Redacted
734	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	1	2.256924577	Redacted		development		Redacted
735	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	2	2.469254926	Redacted		development		Redacted
736	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	3	2.939772279	Redacted		development		Redacted
737	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	4	3.308370753	Redacted		development		Redacted
738	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	5	3.877063591	Redacted		development		Redacted
739	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2028	6	3.818138791	Redacted		development		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
713	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_4	0.363363833	1	#N/A
714	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_5	0.363363833	1	#N/A
715	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_6	0.47964026	1	#N/A
716	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_7	0.334294727	1	#N/A
717	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_8	0.30522562	1	#N/A
718	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_9	0.2180183	1	#N/A
719	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_10	0.116276427	1	#N/A
720	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_11	0.17441464	1	#N/A
721	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2026_12	0.188949193	1	#N/A
722	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_1	0.203228088	1	#N/A
723	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_2	0.174195504	1	#N/A
724	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_3	0.406456176	1	#N/A
725	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_4	0.3629073	1	#N/A
726	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_5	0.3629073	1	#N/A
727	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_6	0.479037636	1	#N/A
728	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_7	0.333874716	1	#N/A
729	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_8	0.304842132	1	#N/A
730	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_9	0.21774438	1	#N/A
731	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_10	0.116130336	1	#N/A
732	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_11	0.174195504	1	#N/A
733	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2027_12	0.188711796	1	#N/A
734	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_1	0.202972439	1	#N/A
735	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_2	0.173976376	1	#N/A
736	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_3	0.405944877	1	#N/A
737	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_4	0.362450783	1	#N/A
738	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_5	0.362450783	1	#N/A
739	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_6	0.478435034	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
713	Redacted	ok	new_resolve	1	1
714	Redacted	ok	new_resolve	1	1
715	Redacted	ok	new_resolve	1	1
716	Redacted	ok	new_resolve	1	1
717	Redacted	ok	new_resolve	1	1
718	Redacted	ok	new_resolve	1	1
719	Redacted	ok	new_resolve	1	1
720	Redacted	ok	new_resolve	1	1
721	Redacted	ok	new_resolve	1	1
722	Redacted	ok	new_resolve	1	1
723	Redacted	ok	new_resolve	1	1
724	Redacted	ok	new_resolve	1	1
725	Redacted	ok	new_resolve	1	1
726	Redacted	ok	new_resolve	1	1
727	Redacted	ok	new_resolve	1	1
728	Redacted	ok	new_resolve	1	1
729	Redacted	ok	new_resolve	1	1
730	Redacted	ok	new_resolve	1	1
731	Redacted	ok	new_resolve	1	1
732	Redacted	ok	new_resolve	1	1
733	Redacted	ok	new_resolve	1	1
734	Redacted	ok	new_resolve	1	1
735	Redacted	ok	new_resolve	1	1
736	Redacted	ok	new_resolve	1	1
737	Redacted	ok	new_resolve	1	1
738	Redacted	ok	new_resolve	1	1
739	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**
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
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

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

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
740	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_7	0.333454721	1	#N/A
741	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_8	0.304458658	1	#N/A
742	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_9	0.21747047	1	#N/A
743	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_10	0.115984251	1	#N/A
744	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_11	0.173976376	1	#N/A
745	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2028_12	0.188474407	1	#N/A
746	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_1	0.20271678	1	#N/A
747	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_2	0.17375724	1	#N/A
748	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_3	0.40543356	1	#N/A
749	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_4	0.36199425	1	#N/A
750	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_5	0.36199425	1	#N/A
751	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_6	0.47783241	1	#N/A
752	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_7	0.33303471	1	#N/A
753	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_8	0.30407517	1	#N/A
754	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_9	0.21719655	1	#N/A
755	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_10	0.11583816	1	#N/A
756	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_11	0.17375724	1	#N/A
757	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2029_12	0.18823701	1	#N/A
758	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_1	0.202461131	1	#N/A
759	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_2	0.173538112	1	#N/A
760	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_3	0.404922261	1	#N/A
761	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_4	0.361537733	1	#N/A
762	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_5	0.361537733	1	#N/A
763	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_6	0.477229808	1	#N/A
764	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_7	0.332614715	1	#N/A
765	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_8	0.303691696	1	#N/A
766	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_9	0.21692264	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
740	Redacted	ok	new_resolve	1	1
741	Redacted	ok	new_resolve	1	1
742	Redacted	ok	new_resolve	1	1
743	Redacted	ok	new_resolve	1	1
744	Redacted	ok	new_resolve	1	1
745	Redacted	ok	new_resolve	1	1
746	Redacted	ok	new_resolve	1	1
747	Redacted	ok	new_resolve	1	1
748	Redacted	ok	new_resolve	1	1
749	Redacted	ok	new_resolve	1	1
750	Redacted	ok	new_resolve	1	1
751	Redacted	ok	new_resolve	1	1
752	Redacted	ok	new_resolve	1	1
753	Redacted	ok	new_resolve	1	1
754	Redacted	ok	new_resolve	1	1
755	Redacted	ok	new_resolve	1	1
756	Redacted	ok	new_resolve	1	1
757	Redacted	ok	new_resolve	1	1
758	Redacted	ok	new_resolve	1	1
759	Redacted	ok	new_resolve	1	1
760	Redacted	ok	new_resolve	1	1
761	Redacted	ok	new_resolve	1	1
762	Redacted	ok	new_resolve	1	1
763	Redacted	ok	new_resolve	1	1
764	Redacted	ok	new_resolve	1	1
765	Redacted	ok	new_resolve	1	1
766	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
767	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	10	2.219957582	Redacted		development		Redacted
768	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	11	2.174569199	Redacted		development		Redacted
769	LCE	Tehachapi_Wind	1687 VOYAGER IV_PPA_1_LCE	2030	12	2.357850196	Redacted		development		Redacted
770	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2020	6	4.698	Redacted		online		Redacted
771	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2020	7	7.788	Redacted		online		Redacted
772	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2020	8	7.454	Redacted		online		Redacted
773	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2020	9	6.099	Redacted		online		Redacted
774	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2020	10	6.99	Redacted		online		Redacted
775	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2020	11	4.612	Redacted		online		Redacted
776	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2020	12	6.25	Redacted		online		Redacted
777	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	1	5.965	Redacted		online		Redacted
778	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	2	5.188	Redacted		online		Redacted
779	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	3	4.992	Redacted		online		Redacted
780	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	4	4.702	Redacted		online		Redacted
781	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	5	4.794	Redacted		online		Redacted
782	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	6	11.896	Redacted		online		Redacted
783	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	7	14	Redacted		online		Redacted
784	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	8	13.241	Redacted		online		Redacted
785	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	9	8.145	Redacted		online		Redacted
786	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	10	7.149	Redacted		online		Redacted
787	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	11	6.625	Redacted		online		Redacted
788	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2021	12	7.435	Redacted		online		Redacted
789	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	1	8.422	Redacted		online		Redacted
790	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	2	6.364	Redacted		online		Redacted
791	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	3	5.888	Redacted		online		Redacted
792	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	4	5.736	Redacted		online		Redacted
793	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	5	6.681	Redacted		online		Redacted
794	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	6	12.804	Redacted		online		Redacted
795	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	7	14.91	Redacted		online		Redacted
796	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	8	14.878	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
767	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_10	0.115692075	1	#N/A
768	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_11	0.173538112	1	#N/A
769	Redacted	CAISO_Wind	0	wind_low_cf	wind_low_cf_2030_12	0.187999621	1	#N/A
770	Redacted	unspecified_non_import	1	unknown	unknown_2020_6	0	1	#N/A
771	Redacted	unspecified_non_import	1	unknown	unknown_2020_7	0	1	#N/A
772	Redacted	unspecified_non_import	1	unknown	unknown_2020_8	0	1	#N/A
773	Redacted	unspecified_non_import	1	unknown	unknown_2020_9	0	1	#N/A
774	Redacted	unspecified_non_import	1	unknown	unknown_2020_10	0	1	#N/A
775	Redacted	unspecified_non_import	1	unknown	unknown_2020_11	0	1	#N/A
776	Redacted	unspecified_non_import	1	unknown	unknown_2020_12	0	1	#N/A
777	Redacted	unspecified_non_import	1	unknown	unknown_2021_1	0	1	#N/A
778	Redacted	unspecified_non_import	1	unknown	unknown_2021_2	0	1	#N/A
779	Redacted	unspecified_non_import	1	unknown	unknown_2021_3	0	1	#N/A
780	Redacted	unspecified_non_import	1	unknown	unknown_2021_4	0	1	#N/A
781	Redacted	unspecified_non_import	1	unknown	unknown_2021_5	0	1	#N/A
782	Redacted	unspecified_non_import	1	unknown	unknown_2021_6	0	1	#N/A
783	Redacted	unspecified_non_import	1	unknown	unknown_2021_7	0	1	#N/A
784	Redacted	unspecified_non_import	1	unknown	unknown_2021_8	0	1	#N/A
785	Redacted	unspecified_non_import	1	unknown	unknown_2021_9	0	1	#N/A
786	Redacted	unspecified_non_import	1	unknown	unknown_2021_10	0	1	#N/A
787	Redacted	unspecified_non_import	1	unknown	unknown_2021_11	0	1	#N/A
788	Redacted	unspecified_non_import	1	unknown	unknown_2021_12	0	1	#N/A
789	Redacted	unspecified_non_import	1	unknown	unknown_2022_1	0	1	#N/A
790	Redacted	unspecified_non_import	1	unknown	unknown_2022_2	0	1	#N/A
791	Redacted	unspecified_non_import	1	unknown	unknown_2022_3	0	1	#N/A
792	Redacted	unspecified_non_import	1	unknown	unknown_2022_4	0	1	#N/A
793	Redacted	unspecified_non_import	1	unknown	unknown_2022_5	0	1	#N/A
794	Redacted	unspecified_non_import	1	unknown	unknown_2022_6	0	1	#N/A
795	Redacted	unspecified_non_import	1	unknown	unknown_2022_7	0	1	#N/A
796	Redacted	unspecified_non_import	1	unknown	unknown_2022_8	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
767	Redacted	ok	new_resolve	1	1
768	Redacted	ok	new_resolve	1	1
769	Redacted	ok	new_resolve	1	1
770	Redacted	ok	special	1	0
771	Redacted	ok	special	1	0
772	Redacted	ok	special	1	0
773	Redacted	ok	special	1	0
774	Redacted	ok	special	1	0
775	Redacted	ok	special	1	0
776	Redacted	ok	special	1	0
777	Redacted	ok	special	1	0
778	Redacted	ok	special	1	0
779	Redacted	ok	special	1	0
780	Redacted	ok	special	1	0
781	Redacted	ok	special	1	0
782	Redacted	ok	special	1	0
783	Redacted	ok	special	1	0
784	Redacted	ok	special	1	0
785	Redacted	ok	special	1	0
786	Redacted	ok	special	1	0
787	Redacted	ok	special	1	0
788	Redacted	ok	special	1	0
789	Redacted	ok	special	1	0
790	Redacted	ok	special	1	0
791	Redacted	ok	special	1	0
792	Redacted	ok	special	1	0
793	Redacted	ok	special	1	0
794	Redacted	ok	special	1	0
795	Redacted	ok	special	1	0
796	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
797	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	9	11.343	Redacted		online		Redacted
798	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	10	9.223	Redacted		online		Redacted
799	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	11	7.081	Redacted		online		Redacted
800	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2022	12	9.906	Redacted		online		Redacted
801	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	1	9.235	Redacted		online		Redacted
802	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	2	6.86	Redacted		online		Redacted
803	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	3	5.274	Redacted		online		Redacted
804	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	4	3.86	Redacted		online		Redacted
805	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	5	3.57	Redacted		online		Redacted
806	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	6	8.824	Redacted		online		Redacted
807	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	7	12.643	Redacted		online		Redacted
808	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	8	13.062	Redacted		online		Redacted
809	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	9	9.06	Redacted		online		Redacted
810	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	10	8.441	Redacted		online		Redacted
811	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	11	7.916	Redacted		online		Redacted
812	LCE	unspecified_non_import	1783 Direct_Shaped_8_LCE	2023	12	10.51	Redacted		online		Redacted
813	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	1	1	Redacted		online		Redacted
814	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	2	1	Redacted		online		Redacted
815	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	3	1	Redacted		online		Redacted
816	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	4	1	Redacted		online		Redacted
817	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	5	1	Redacted		online		Redacted
818	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	6	1	Redacted		online		Redacted
819	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	7	1	Redacted		online		Redacted
820	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	8	1	Redacted		online		Redacted
821	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	9	1	Redacted		online		Redacted
822	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	10	1	Redacted		online		Redacted
823	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	11	1	Redacted		online		Redacted
824	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2021	12	1	Redacted		online		Redacted
825	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	1	1	Redacted		online		Redacted
826	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	2	1	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
797	Redacted	unspecified_non_import	1	unknown	unknown_2022_9	0	1	#N/A
798	Redacted	unspecified_non_import	1	unknown	unknown_2022_10	0	1	#N/A
799	Redacted	unspecified_non_import	1	unknown	unknown_2022_11	0	1	#N/A
800	Redacted	unspecified_non_import	1	unknown	unknown_2022_12	0	1	#N/A
801	Redacted	unspecified_non_import	1	unknown	unknown_2023_1	0	1	#N/A
802	Redacted	unspecified_non_import	1	unknown	unknown_2023_2	0	1	#N/A
803	Redacted	unspecified_non_import	1	unknown	unknown_2023_3	0	1	#N/A
804	Redacted	unspecified_non_import	1	unknown	unknown_2023_4	0	1	#N/A
805	Redacted	unspecified_non_import	1	unknown	unknown_2023_5	0	1	#N/A
806	Redacted	unspecified_non_import	1	unknown	unknown_2023_6	0	1	#N/A
807	Redacted	unspecified_non_import	1	unknown	unknown_2023_7	0	1	#N/A
808	Redacted	unspecified_non_import	1	unknown	unknown_2023_8	0	1	#N/A
809	Redacted	unspecified_non_import	1	unknown	unknown_2023_9	0	1	#N/A
810	Redacted	unspecified_non_import	1	unknown	unknown_2023_10	0	1	#N/A
811	Redacted	unspecified_non_import	1	unknown	unknown_2023_11	0	1	#N/A
812	Redacted	unspecified_non_import	1	unknown	unknown_2023_12	0	1	#N/A
813	Redacted	unspecified_import	1	unknown	unknown_2021_1	0	1	#N/A
814	Redacted	unspecified_import	1	unknown	unknown_2021_2	0	1	#N/A
815	Redacted	unspecified_import	1	unknown	unknown_2021_3	0	1	#N/A
816	Redacted	unspecified_import	1	unknown	unknown_2021_4	0	1	#N/A
817	Redacted	unspecified_import	1	unknown	unknown_2021_5	0	1	#N/A
818	Redacted	unspecified_import	1	unknown	unknown_2021_6	0	1	#N/A
819	Redacted	unspecified_import	1	unknown	unknown_2021_7	0	1	#N/A
820	Redacted	unspecified_import	1	unknown	unknown_2021_8	0	1	#N/A
821	Redacted	unspecified_import	1	unknown	unknown_2021_9	0	1	#N/A
822	Redacted	unspecified_import	1	unknown	unknown_2021_10	0	1	#N/A
823	Redacted	unspecified_import	1	unknown	unknown_2021_11	0	1	#N/A
824	Redacted	unspecified_import	1	unknown	unknown_2021_12	0	1	#N/A
825	Redacted	unspecified_import	1	unknown	unknown_2022_1	0	1	#N/A
826	Redacted	unspecified_import	1	unknown	unknown_2022_2	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
797	Redacted	ok	special	1	0
798	Redacted	ok	special	1	0
799	Redacted	ok	special	1	0
800	Redacted	ok	special	1	0
801	Redacted	ok	special	1	0
802	Redacted	ok	special	1	0
803	Redacted	ok	special	1	0
804	Redacted	ok	special	1	0
805	Redacted	ok	special	1	0
806	Redacted	ok	special	1	0
807	Redacted	ok	special	1	0
808	Redacted	ok	special	1	0
809	Redacted	ok	special	1	0
810	Redacted	ok	special	1	0
811	Redacted	ok	special	1	0
812	Redacted	ok	special	1	0
813	Redacted	ok	special	1	0
814	Redacted	ok	special	1	0
815	Redacted	ok	special	1	0
816	Redacted	ok	special	1	0
817	Redacted	ok	special	1	0
818	Redacted	ok	special	1	0
819	Redacted	ok	special	1	0
820	Redacted	ok	special	1	0
821	Redacted	ok	special	1	0
822	Redacted	ok	special	1	0
823	Redacted	ok	special	1	0
824	Redacted	ok	special	1	0
825	Redacted	ok	special	1	0
826	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
827	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	3	1	Redacted		online		Redacted
828	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	4	1	Redacted		online		Redacted
829	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	5	1	Redacted		online		Redacted
830	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	6	1	Redacted		online		Redacted
831	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	7	1	Redacted		online		Redacted
832	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	8	1	Redacted		online		Redacted
833	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	9	1	Redacted		online		Redacted
834	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	10	1	Redacted		online		Redacted
835	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	11	1	Redacted		online		Redacted
836	LCE	unspecified_import	1785 MSCG_PCC2_2_LCE	2022	12	1	Redacted		online		Redacted
837	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	3	0.7	Redacted		online		Redacted
838	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	4	0.7	Redacted		online		Redacted
839	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	5	0.7	Redacted		online		Redacted
840	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	6	0.7	Redacted		online		Redacted
841	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	7	0.7	Redacted		online		Redacted
842	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	8	0.7	Redacted		online		Redacted
843	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	9	0.7	Redacted		online		Redacted
844	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	10	0.7	Redacted		online		Redacted
845	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	11	0.7	Redacted		online		Redacted
846	LCE	unspecified_import	1951 3Phases_PCC2_2_LCE	2020	12	0.7	Redacted		online		Redacted
847	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	1	2.916667	Redacted		online		Redacted
848	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	2	2.916667	Redacted		online		Redacted
849	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	3	2.916667	Redacted		online		Redacted
850	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	4	2.916667	Redacted		online		Redacted
851	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	5	2.916667	Redacted		online		Redacted
852	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	6	2.916667	Redacted		online		Redacted
853	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	7	2.916667	Redacted		online		Redacted
854	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	8	2.916667	Redacted		online		Redacted
855	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	9	2.916667	Redacted		online		Redacted
856	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	10	2.916667	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
827	Redacted	unspecified_import	1	unknown	unknown_2022_3	0	1	#N/A
828	Redacted	unspecified_import	1	unknown	unknown_2022_4	0	1	#N/A
829	Redacted	unspecified_import	1	unknown	unknown_2022_5	0	1	#N/A
830	Redacted	unspecified_import	1	unknown	unknown_2022_6	0	1	#N/A
831	Redacted	unspecified_import	1	unknown	unknown_2022_7	0	1	#N/A
832	Redacted	unspecified_import	1	unknown	unknown_2022_8	0	1	#N/A
833	Redacted	unspecified_import	1	unknown	unknown_2022_9	0	1	#N/A
834	Redacted	unspecified_import	1	unknown	unknown_2022_10	0	1	#N/A
835	Redacted	unspecified_import	1	unknown	unknown_2022_11	0	1	#N/A
836	Redacted	unspecified_import	1	unknown	unknown_2022_12	0	1	#N/A
837	Redacted	unspecified_import	1	unknown	unknown_2020_3	0	1	#N/A
838	Redacted	unspecified_import	1	unknown	unknown_2020_4	0	1	#N/A
839	Redacted	unspecified_import	1	unknown	unknown_2020_5	0	1	#N/A
840	Redacted	unspecified_import	1	unknown	unknown_2020_6	0	1	#N/A
841	Redacted	unspecified_import	1	unknown	unknown_2020_7	0	1	#N/A
842	Redacted	unspecified_import	1	unknown	unknown_2020_8	0	1	#N/A
843	Redacted	unspecified_import	1	unknown	unknown_2020_9	0	1	#N/A
844	Redacted	unspecified_import	1	unknown	unknown_2020_10	0	1	#N/A
845	Redacted	unspecified_import	1	unknown	unknown_2020_11	0	1	#N/A
846	Redacted	unspecified_import	1	unknown	unknown_2020_12	0	1	#N/A
847	Redacted	blended	1	unknown	unknown_2020_1	0	1	#N/A
848	Redacted	blended	1	unknown	unknown_2020_2	0	1	#N/A
849	Redacted	blended	1	unknown	unknown_2020_3	0	1	#N/A
850	Redacted	blended	1	unknown	unknown_2020_4	0	1	#N/A
851	Redacted	blended	1	unknown	unknown_2020_5	0	1	#N/A
852	Redacted	blended	1	unknown	unknown_2020_6	0	1	#N/A
853	Redacted	blended	1	unknown	unknown_2020_7	0	1	#N/A
854	Redacted	blended	1	unknown	unknown_2020_8	0	1	#N/A
855	Redacted	blended	1	unknown	unknown_2020_9	0	1	#N/A
856	Redacted	blended	1	unknown	unknown_2020_10	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
827	Redacted	ok	special	1	0
828	Redacted	ok	special	1	0
829	Redacted	ok	special	1	0
830	Redacted	ok	special	1	0
831	Redacted	ok	special	1	0
832	Redacted	ok	special	1	0
833	Redacted	ok	special	1	0
834	Redacted	ok	special	1	0
835	Redacted	ok	special	1	0
836	Redacted	ok	special	1	0
837	Redacted	ok	special	1	0
838	Redacted	ok	special	1	0
839	Redacted	ok	special	1	0
840	Redacted	ok	special	1	0
841	Redacted	ok	special	1	0
842	Redacted	ok	special	1	0
843	Redacted	ok	special	1	0
844	Redacted	ok	special	1	0
845	Redacted	ok	special	1	0
846	Redacted	ok	special	1	0
847	Redacted	ok	special	1	0
848	Redacted	ok	special	1	0
849	Redacted	ok	special	1	0
850	Redacted	ok	special	1	0
851	Redacted	ok	special	1	0
852	Redacted	ok	special	1	0
853	Redacted	ok	special	1	0
854	Redacted	ok	special	1	0
855	Redacted	ok	special	1	0
856	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
857	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	11	2.916667	Redacted		online		Redacted
858	LCE	blended	1952 3Phases_PCC1_1_LCE	2020	12	2.916667	Redacted		online		Redacted
859	LCE	unspecified_import	1961 TEA_PCC2_1_LCE	2020	7	1.864	Redacted		online		Redacted
860	LCE	unspecified_import	1961 TEA_PCC2_1_LCE	2020	8	1.864	Redacted		online		Redacted
861	LCE	unspecified_import	1961 TEA_PCC2_1_LCE	2020	9	1.864	Redacted		online		Redacted
862	LCE	unspecified_import	1961 TEA_PCC2_1_LCE	2020	10	1.864	Redacted		online		Redacted
863	LCE	unspecified_import	1961 TEA_PCC2_1_LCE	2020	11	1.864	Redacted		online		Redacted
864	LCE	unspecified_import	1961 TEA_PCC2_1_LCE	2020	12	1.864	Redacted		online		Redacted
865	LCE	transfer_sale	1460 MCE_RA_2_SS_LCE	2020	1	0	Redacted		online		Redacted
866	LCE	transfer_sale	1460 MCE_RA_2_SS_LCE	2020	2	0	Redacted		online		Redacted
867	LCE	transfer_sale	1460 MCE_RA_2_SS_LCE	2020	3	0	Redacted		online		Redacted
868	LCE	transfer_sale	1460 MCE_RA_2_SS_LCE	2020	4	0	Redacted		online		Redacted
869	LCE	transfer_sale	1460 MCE_RA_2_SS_LCE	2020	5	0	Redacted		online		Redacted
870	LCE	transfer_sale	1460 MCE_RA_2_SS_LCE	2020	9	0	Redacted		online		Redacted
871	LCE	transfer_purchase	1461 MCE_RA_1_NSF_LCE	2020	1	0	Redacted		online		Redacted
872	LCE	transfer_purchase	1461 MCE_RA_1_NSF_LCE	2020	2	0	Redacted		online		Redacted
873	LCE	transfer_purchase	1461 MCE_RA_1_NSF_LCE	2020	3	0	Redacted		online		Redacted
874	LCE	transfer_purchase	1461 MCE_RA_1_NSF_LCE	2020	4	0	Redacted		online		Redacted
875	LCE	transfer_purchase	1461 MCE_RA_1_NSF_LCE	2020	5	0	Redacted		online		Redacted
876	LCE	transfer_purchase	1461 MCE_RA_1_NSF_LCE	2020	9	0	Redacted		online		Redacted
877	LCE	transfer_sale	1502 AVCE_RA_1_NS_LCE	2020	5	0	Redacted		online		Redacted
878	LCE	transfer_sale	1502 AVCE_RA_1_NS_LCE	2020	6	0	Redacted		online		Redacted
879	LCE	transfer_sale	1502 AVCE_RA_1_NS_LCE	2020	7	0	Redacted		online		Redacted
880	LCE	transfer_sale	1502 AVCE_RA_1_NS_LCE	2020	8	0	Redacted		online		Redacted
881	LCE	transfer_sale	1502 AVCE_RA_1_NS_LCE	2020	9	0	Redacted		online		Redacted
882	LCE	transfer_sale	1502 AVCE_RA_1_NS_LCE	2020	10	0	Redacted		online		Redacted
883	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	1	0	Redacted		online		Redacted
884	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	2	0	Redacted		online		Redacted
885	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	3	0	Redacted		online		Redacted
886	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	4	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
857	Redacted	blended	1	unknown	unknown_2020_11	0	1	#N/A
858	Redacted	blended	1	unknown	unknown_2020_12	0	1	#N/A
859	Redacted	unspecified_import	1	unknown	unknown_2020_7	0	1	#N/A
860	Redacted	unspecified_import	1	unknown	unknown_2020_8	0	1	#N/A
861	Redacted	unspecified_import	1	unknown	unknown_2020_9	0	1	#N/A
862	Redacted	unspecified_import	1	unknown	unknown_2020_10	0	1	#N/A
863	Redacted	unspecified_import	1	unknown	unknown_2020_11	0	1	#N/A
864	Redacted	unspecified_import	1	unknown	unknown_2020_12	0	1	#N/A
865	Redacted	transfer_sale	1	unknown	unknown_2020_1	0	1	#N/A
866	Redacted	transfer_sale	1	unknown	unknown_2020_2	0	1	#N/A
867	Redacted	transfer_sale	1	unknown	unknown_2020_3	0	1	#N/A
868	Redacted	transfer_sale	1	unknown	unknown_2020_4	0	1	#N/A
869	Redacted	transfer_sale	1	unknown	unknown_2020_5	0	1	#N/A
870	Redacted	transfer_sale	1	unknown	unknown_2020_9	0	1	#N/A
871	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
872	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
873	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
874	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
875	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
876	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
877	Redacted	transfer_sale	1	unknown	unknown_2020_5	0	1	#N/A
878	Redacted	transfer_sale	1	unknown	unknown_2020_6	0	1	#N/A
879	Redacted	transfer_sale	1	unknown	unknown_2020_7	0	1	#N/A
880	Redacted	transfer_sale	1	unknown	unknown_2020_8	0	1	#N/A
881	Redacted	transfer_sale	1	unknown	unknown_2020_9	0	1	#N/A
882	Redacted	transfer_sale	1	unknown	unknown_2020_10	0	1	#N/A
883	Redacted	transfer_sale	1	unknown	unknown_2020_1	0	1	#N/A
884	Redacted	transfer_sale	1	unknown	unknown_2020_2	0	1	#N/A
885	Redacted	transfer_sale	1	unknown	unknown_2020_3	0	1	#N/A
886	Redacted	transfer_sale	1	unknown	unknown_2020_4	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
857	Redacted	ok	special	1	0
858	Redacted	ok	special	1	0
859	Redacted	ok	special	1	0
860	Redacted	ok	special	1	0
861	Redacted	ok	special	1	0
862	Redacted	ok	special	1	0
863	Redacted	ok	special	1	0
864	Redacted	ok	special	1	0
865	Redacted	ok	special	0	0
866	Redacted	ok	special	0	0
867	Redacted	ok	special	0	0
868	Redacted	ok	special	0	0
869	Redacted	ok	special	0	0
870	Redacted	ok	special	0	0
871	Redacted	ok	special	0	1
872	Redacted	ok	special	0	1
873	Redacted	ok	special	0	1
874	Redacted	ok	special	0	1
875	Redacted	ok	special	0	1
876	Redacted	ok	special	0	1
877	Redacted	ok	special	0	0
878	Redacted	ok	special	0	0
879	Redacted	ok	special	0	0
880	Redacted	ok	special	0	0
881	Redacted	ok	special	0	0
882	Redacted	ok	special	0	0
883	Redacted	ok	special	0	0
884	Redacted	ok	special	0	0
885	Redacted	ok	special	0	0
886	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
887	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	5	0	Redacted		online		Redacted
888	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	6	0	Redacted		online		Redacted
889	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	7	0	Redacted		online		Redacted
890	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	8	0	Redacted		online		Redacted
891	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	9	0	Redacted		online		Redacted
892	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	10	0	Redacted		online		Redacted
893	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	11	0	Redacted		online		Redacted
894	LCE	transfer_sale	1503 AVCE_RA_2_SS_LCE	2020	12	0	Redacted		online		Redacted
895	LCE	transfer_sale	1504 PRIME_RA_1_NS_LCE	2020	5	0	Redacted		online		Redacted
896	LCE	transfer_sale	1504 PRIME_RA_1_NS_LCE	2020	6	0	Redacted		online		Redacted
897	LCE	transfer_sale	1504 PRIME_RA_1_NS_LCE	2020	7	0	Redacted		online		Redacted
898	LCE	transfer_sale	1504 PRIME_RA_1_NS_LCE	2020	8	0	Redacted		online		Redacted
899	LCE	transfer_sale	1504 PRIME_RA_1_NS_LCE	2020	9	0	Redacted		online		Redacted
900	LCE	transfer_sale	1504 PRIME_RA_1_NS_LCE	2020	10	0	Redacted		online		Redacted
901	LCE	transfer_sale	1505 RMEA_RA_1_NS_LCE	2020	5	0	Redacted		online		Redacted
902	LCE	transfer_sale	1505 RMEA_RA_1_NS_LCE	2020	6	0	Redacted		online		Redacted
903	LCE	transfer_sale	1505 RMEA_RA_1_NS_LCE	2020	7	0	Redacted		online		Redacted
904	LCE	transfer_sale	1505 RMEA_RA_1_NS_LCE	2020	8	0	Redacted		online		Redacted
905	LCE	transfer_sale	1505 RMEA_RA_1_NS_LCE	2020	9	0	Redacted		online		Redacted
906	LCE	transfer_sale	1505 RMEA_RA_1_NS_LCE	2020	10	0	Redacted		online		Redacted
907	LCE	transfer_sale	1506 SJP_RA_1_NS_LCE	2020	5	0	Redacted		online		Redacted
908	LCE	transfer_sale	1506 SJP_RA_1_NS_LCE	2020	6	0	Redacted		online		Redacted
909	LCE	transfer_sale	1506 SJP_RA_1_NS_LCE	2020	7	0	Redacted		online		Redacted
910	LCE	transfer_sale	1506 SJP_RA_1_NS_LCE	2020	8	0	Redacted		online		Redacted
911	LCE	transfer_sale	1506 SJP_RA_1_NS_LCE	2020	9	0	Redacted		online		Redacted
912	LCE	transfer_sale	1506 SJP_RA_1_NS_LCE	2020	10	0	Redacted		online		Redacted
913	LCE	Redacted	Redacted	2020	5	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
887	Redacted	transfer_sale	1	unknown	unknown_2020_5	0	1	#N/A
888	Redacted	transfer_sale	1	unknown	unknown_2020_6	0	1	#N/A
889	Redacted	transfer_sale	1	unknown	unknown_2020_7	0	1	#N/A
890	Redacted	transfer_sale	1	unknown	unknown_2020_8	0	1	#N/A
891	Redacted	transfer_sale	1	unknown	unknown_2020_9	0	1	#N/A
892	Redacted	transfer_sale	1	unknown	unknown_2020_10	0	1	#N/A
893	Redacted	transfer_sale	1	unknown	unknown_2020_11	0	1	#N/A
894	Redacted	transfer_sale	1	unknown	unknown_2020_12	0	1	#N/A
895	Redacted	transfer_sale	1	unknown	unknown_2020_5	0	1	#N/A
896	Redacted	transfer_sale	1	unknown	unknown_2020_6	0	1	#N/A
897	Redacted	transfer_sale	1	unknown	unknown_2020_7	0	1	#N/A
898	Redacted	transfer_sale	1	unknown	unknown_2020_8	0	1	#N/A
899	Redacted	transfer_sale	1	unknown	unknown_2020_9	0	1	#N/A
900	Redacted	transfer_sale	1	unknown	unknown_2020_10	0	1	#N/A
901	Redacted	transfer_sale	1	unknown	unknown_2020_5	0	1	#N/A
902	Redacted	transfer_sale	1	unknown	unknown_2020_6	0	1	#N/A
903	Redacted	transfer_sale	1	unknown	unknown_2020_7	0	1	#N/A
904	Redacted	transfer_sale	1	unknown	unknown_2020_8	0	1	#N/A
905	Redacted	transfer_sale	1	unknown	unknown_2020_9	0	1	#N/A
906	Redacted	transfer_sale	1	unknown	unknown_2020_10	0	1	#N/A
907	Redacted	transfer_sale	1	unknown	unknown_2020_5	0	1	#N/A
908	Redacted	transfer_sale	1	unknown	unknown_2020_6	0	1	#N/A
909	Redacted	transfer_sale	1	unknown	unknown_2020_7	0	1	#N/A
910	Redacted	transfer_sale	1	unknown	unknown_2020_8	0	1	#N/A
911	Redacted	transfer_sale	1	unknown	unknown_2020_9	0	1	#N/A
912	Redacted	transfer_sale	1	unknown	unknown_2020_10	0	1	#N/A
913	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
887	Redacted	ok	special	0	0
888	Redacted	ok	special	0	0
889	Redacted	ok	special	0	0
890	Redacted	ok	special	0	0
891	Redacted	ok	special	0	0
892	Redacted	ok	special	0	0
893	Redacted	ok	special	0	0
894	Redacted	ok	special	0	0
895	Redacted	ok	special	0	0
896	Redacted	ok	special	0	0
897	Redacted	ok	special	0	0
898	Redacted	ok	special	0	0
899	Redacted	ok	special	0	0
900	Redacted	ok	special	0	0
901	Redacted	ok	special	0	0
902	Redacted	ok	special	0	0
903	Redacted	ok	special	0	0
904	Redacted	ok	special	0	0
905	Redacted	ok	special	0	0
906	Redacted	ok	special	0	0
907	Redacted	ok	special	0	0
908	Redacted	ok	special	0	0
909	Redacted	ok	special	0	0
910	Redacted	ok	special	0	0
911	Redacted	ok	special	0	0
912	Redacted	ok	special	0	0
913	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
914	LCE	Redacted	Redacted	2020	6	0	Redacted		online		Redacted
915	LCE	Redacted	Redacted	2020	7	0	Redacted		online		Redacted
916	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
917	LCE	Redacted	Redacted	2020	9	0	Redacted		online		Redacted
918	LCE	Redacted	Redacted	2020	10	0	Redacted		online		Redacted
919	LCE	Redacted	Redacted	2020	1	0	Redacted		online	4	Redacted
920	LCE	Redacted	Redacted	2020	2	0	Redacted		online	4	Redacted
921	LCE	Redacted	Redacted	2020	3	0	Redacted		online	4	Redacted
922	LCE	Redacted	Redacted	2020	4	0	Redacted		online	4	Redacted
923	LCE	Redacted	Redacted	2020	5	0	Redacted		online	4	Redacted
924	LCE	Redacted	Redacted	2020	6	0	Redacted		online	4	Redacted
925	LCE	existing_generic_battery_storage	1508 VISTA_RA_1_SSF_LCE	2020	6	0	Redacted		online	4	Redacted
926	LCE	Redacted	Redacted	2020	7	0	Redacted		online	4	Redacted
927	LCE	Redacted	Redacted	2020	7	0	Redacted		online	4	Redacted
928	LCE	Redacted	Redacted	2020	8	0	Redacted		online	4	Redacted
929	LCE	Redacted	Redacted	2020	8	0	Redacted		online	4	Redacted
930	LCE	Redacted	Redacted	2020	9	0	Redacted		online	4	Redacted
931	LCE	Redacted	Redacted	2020	9	0	Redacted		online	4	Redacted
932	LCE	Redacted	Redacted	2020	10	0	Redacted		online	4	Redacted
933	LCE	Redacted	Redacted	2020	10	0	Redacted		online	4	Redacted
934	LCE	Redacted	Redacted	2020	11	0	Redacted		online	4	Redacted
935	LCE	Redacted	Redacted	2020	11	0	Redacted		online	4	Redacted
936	LCE	Redacted	Redacted	2020	12	0	Redacted		online	4	Redacted
937	LCE	Redacted	Redacted	2020	12	0	Redacted		online	4	Redacted
938	LCE	Redacted	Redacted	2021	1	0	Redacted		online	4	Redacted
939	LCE	Redacted	Redacted	2021	1	0	Redacted		online	4	Redacted
940	LCE	Redacted	Redacted	2021	2	0	Redacted		online	4	Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
914	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
915	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
916	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
917	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
918	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
919	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
920	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
921	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
922	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
923	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
924	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
925	Redacted	CAISO_Battery	1	battery	battery_2020_6	1	1	#N/A
926	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
927	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
928	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
929	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
930	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
931	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
932	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
933	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
934	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
935	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
936	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
937	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
938	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
939	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
940	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
914	Redacted	ok	special	0	1
915	Redacted	ok	special	0	1
916	Redacted	ok	special	0	1
917	Redacted	ok	special	0	1
918	Redacted	ok	special	0	1
919	Redacted	ok	physical	0	1
920	Redacted	ok	physical	0	1
921	Redacted	ok	physical	0	1
922	Redacted	ok	physical	0	1
923	Redacted	ok	physical	0	1
924	Redacted	ok	physical	0	1
925	Redacted	ok	existing_generic	0	0
926	Redacted	ok	physical	0	1
927	Redacted	ok	existing_generic	0	1
928	Redacted	ok	physical	0	1
929	Redacted	ok	existing_generic	0	1
930	Redacted	ok	physical	0	1
931	Redacted	ok	existing_generic	0	1
932	Redacted	ok	physical	0	1
933	Redacted	ok	existing_generic	0	1
934	Redacted	ok	physical	0	1
935	Redacted	ok	existing_generic	0	1
936	Redacted	ok	physical	0	1
937	Redacted	ok	existing_generic	0	1
938	Redacted	ok	physical	0	1
939	Redacted	ok	existing_generic	0	1
940	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
941	LCE	Redacted	Redacted	2021	2	0	Redacted		online	4	Redacted
942	LCE	Redacted	Redacted	2021	3	0	Redacted		online	4	Redacted
943	LCE	Redacted	Redacted	2021	3	0	Redacted		online	4	Redacted
944	LCE	Redacted	Redacted	2021	4	0	Redacted		online	4	Redacted
945	LCE	Redacted	Redacted	2021	4	0	Redacted		online	4	Redacted
946	LCE	Redacted	Redacted	2021	5	0	Redacted		online	4	Redacted
947	LCE	Redacted	Redacted	2021	5	0	Redacted		online	4	Redacted
948	LCE	Redacted	Redacted	2021	6	0	Redacted		online	4	Redacted
949	LCE	Redacted	Redacted	2021	6	0	Redacted		online	4	Redacted
950	LCE	Redacted	Redacted	2021	7	0	Redacted		online	4	Redacted
951	LCE	Redacted	Redacted	2021	7	0	Redacted		online	4	Redacted
952	LCE	Redacted	Redacted	2021	8	0	Redacted		online	4	Redacted
953	LCE	Redacted	Redacted	2021	8	0	Redacted		online	4	Redacted
954	LCE	Redacted	Redacted	2021	9	0	Redacted		online	4	Redacted
955	LCE	Redacted	Redacted	2021	9	0	Redacted		online	4	Redacted
956	LCE	Redacted	Redacted	2021	10	0	Redacted		online	4	Redacted
957	LCE	Redacted	Redacted	2021	10	0	Redacted		online	4	Redacted
958	LCE	Redacted	Redacted	2021	11	0	Redacted		online	4	Redacted
959	LCE	Redacted	Redacted	2021	11	0	Redacted		online	4	Redacted
960	LCE	Redacted	Redacted	2021	12	0	Redacted		online	4	Redacted
961	LCE	Redacted	Redacted	2021	12	0	Redacted		online	4	Redacted
962	LCE	Redacted	Redacted	2022	1	0	Redacted		online	4	Redacted
963	LCE	Redacted	Redacted	2022	1	0	Redacted		online	4	Redacted
964	LCE	Redacted	Redacted	2022	2	0	Redacted		online	4	Redacted
965	LCE	Redacted	Redacted	2022	2	0	Redacted		online	4	Redacted
966	LCE	Redacted	Redacted	2022	3	0	Redacted		online	4	Redacted
967	LCE	Redacted	Redacted	2022	3	0	Redacted		online	4	Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
941	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
942	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
943	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
944	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
945	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
946	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
947	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
948	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
949	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
950	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
951	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
952	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
953	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
954	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
955	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
956	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
957	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
958	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
959	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
960	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
961	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
962	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
963	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
964	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
965	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
966	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
967	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
941	Redacted	ok	existing_generic	0	1
942	Redacted	ok	physical	0	1
943	Redacted	ok	existing_generic	0	1
944	Redacted	ok	physical	0	1
945	Redacted	ok	existing_generic	0	1
946	Redacted	ok	physical	0	1
947	Redacted	ok	existing_generic	0	1
948	Redacted	ok	physical	0	1
949	Redacted	ok	existing_generic	0	1
950	Redacted	ok	physical	0	1
951	Redacted	ok	existing_generic	0	1
952	Redacted	ok	physical	0	1
953	Redacted	ok	existing_generic	0	1
954	Redacted	ok	physical	0	1
955	Redacted	ok	existing_generic	0	1
956	Redacted	ok	physical	0	1
957	Redacted	ok	existing_generic	0	1
958	Redacted	ok	physical	0	1
959	Redacted	ok	existing_generic	0	1
960	Redacted	ok	physical	0	1
961	Redacted	ok	existing_generic	0	1
962	Redacted	ok	physical	0	1
963	Redacted	ok	existing_generic	0	1
964	Redacted	ok	physical	0	1
965	Redacted	ok	existing_generic	0	1
966	Redacted	ok	physical	0	1
967	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
968	LCE	Redacted	Redacted	2022	4	0	Redacted		online	4	Redacted
969	LCE	Redacted	Redacted	2022	4	0	Redacted		online	4	Redacted
970	LCE	Redacted	Redacted	2022	5	0	Redacted		online	4	Redacted
971	LCE	Redacted	Redacted	2022	5	0	Redacted		online	4	Redacted
972	LCE	Redacted	Redacted	2022	6	0	Redacted		online	4	Redacted
973	LCE	Redacted	Redacted	2022	6	0	Redacted		online	4	Redacted
974	LCE	Redacted	Redacted	2022	7	0	Redacted		online	4	Redacted
975	LCE	Redacted	Redacted	2022	7	0	Redacted		online	4	Redacted
976	LCE	Redacted	Redacted	2022	8	0	Redacted		online	4	Redacted
977	LCE	Redacted	Redacted	2022	8	0	Redacted		online	4	Redacted
978	LCE	Redacted	Redacted	2022	9	0	Redacted		online	4	Redacted
979	LCE	Redacted	Redacted	2022	9	0	Redacted		online	4	Redacted
980	LCE	Redacted	Redacted	2022	10	0	Redacted		online	4	Redacted
981	LCE	Redacted	Redacted	2022	10	0	Redacted		online	4	Redacted
982	LCE	Redacted	Redacted	2022	11	0	Redacted		online	4	Redacted
983	LCE	Redacted	Redacted	2022	11	0	Redacted		online	4	Redacted
984	LCE	Redacted	Redacted	2022	12	0	Redacted		online	4	Redacted
985	LCE	Redacted	Redacted	2022	12	0	Redacted		online	4	Redacted
986	LCE	Redacted	Redacted	2020	1	0	Redacted		online		Redacted
987	LCE	Redacted	Redacted	2020	2	0	Redacted		online		Redacted
988	LCE	Redacted	Redacted	2020	3	0	Redacted		online		Redacted
989	LCE	Redacted	Redacted	2020	4	0	Redacted		online		Redacted
990	LCE	Redacted	Redacted	2020	5	0	Redacted		online		Redacted
991	LCE	Redacted	Redacted	2020	6	0	Redacted		online		Redacted
992	LCE	Redacted	Redacted	2020	7	0	Redacted		online		Redacted
993	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
994	LCE	Redacted	Redacted	2020	9	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
968	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
969	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
970	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
971	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
972	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
973	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
974	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
975	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
976	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
977	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
978	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
979	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
980	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
981	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
982	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
983	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
984	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
985	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
986	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
987	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
988	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
989	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
990	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
991	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
992	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
993	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
994	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
968	Redacted	ok	physical	0	1
969	Redacted	ok	existing_generic	0	1
970	Redacted	ok	physical	0	1
971	Redacted	ok	existing_generic	0	1
972	Redacted	ok	physical	0	1
973	Redacted	ok	existing_generic	0	1
974	Redacted	ok	physical	0	1
975	Redacted	ok	existing_generic	0	1
976	Redacted	ok	physical	0	1
977	Redacted	ok	existing_generic	0	1
978	Redacted	ok	physical	0	1
979	Redacted	ok	existing_generic	0	1
980	Redacted	ok	physical	0	1
981	Redacted	ok	existing_generic	0	1
982	Redacted	ok	physical	0	1
983	Redacted	ok	existing_generic	0	1
984	Redacted	ok	physical	0	1
985	Redacted	ok	existing_generic	0	1
986	Redacted	ok	physical	0	1
987	Redacted	ok	physical	0	1
988	Redacted	ok	physical	0	1
989	Redacted	ok	physical	0	1
990	Redacted	ok	physical	0	1
991	Redacted	ok	physical	0	1
992	Redacted	ok	physical	0	1
993	Redacted	ok	physical	0	1
994	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**
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
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

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

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
995	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
996	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
997	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
998	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
999	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1000	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1001	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1002	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1003	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1004	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1005	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1006	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1007	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1008	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1009	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1010	Redacted	unspecified_import	1	unknown	unknown_2020_1	0	1	#N/A
1011	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1012	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1013	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1014	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1015	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1016	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1017	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1018	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1019	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1020	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1021	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
995	Redacted	ok	physical	0	1
996	Redacted	ok	physical	0	1
997	Redacted	ok	physical	0	1
998	Redacted	ok	physical	0	1
999	Redacted	ok	physical	0	1
1000	Redacted	ok	physical	0	1
1001	Redacted	ok	physical	0	1
1002	Redacted	ok	physical	0	1
1003	Redacted	ok	physical	0	1
1004	Redacted	ok	physical	0	1
1005	Redacted	ok	physical	0	1
1006	Redacted	ok	physical	0	1
1007	Redacted	ok	physical	0	1
1008	Redacted	ok	physical	0	1
1009	Redacted	ok	physical	0	1
1010	Redacted	ok	special	0	0
1011	Redacted	ok	special	0	1
1012	Redacted	ok	special	0	1
1013	Redacted	ok	special	0	1
1014	Redacted	ok	special	0	1
1015	Redacted	ok	special	0	1
1016	Redacted	ok	special	0	1
1017	Redacted	ok	special	0	1
1018	Redacted	ok	special	0	1
1019	Redacted	ok	special	0	1
1020	Redacted	ok	special	0	1
1021	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1022	LCE	unspecified_import	1512 MSCG_RA_2_SS_LCE	2020	1	0	Redacted		online		Redacted
1023	LCE	Redacted	Redacted	2020	2	0	Redacted		online		Redacted
1024	LCE	Redacted	Redacted	2020	3	0	Redacted		online		Redacted
1025	LCE	Redacted	Redacted	2020	4	0	Redacted		online		Redacted
1026	LCE	Redacted	Redacted	2020	5	0	Redacted		online		Redacted
1027	LCE	Redacted	Redacted	2020	6	0	Redacted		online		Redacted
1028	LCE	Redacted	Redacted	2020	7	0	Redacted		online		Redacted
1029	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1030	LCE	Redacted	Redacted	2020	9	0	Redacted		online		Redacted
1031	LCE	Redacted	Redacted	2020	10	0	Redacted		online		Redacted
1032	LCE	Redacted	Redacted	2020	11	0	Redacted		online		Redacted
1033	LCE	Redacted	Redacted	2020	12	0	Redacted		online		Redacted
1034	LCE	Redacted	Redacted	2020	1	0	Redacted		online		Redacted
1035	LCE	Redacted	Redacted	2020	2	0	Redacted		online		Redacted
1036	LCE	Redacted	Redacted	2020	3	0	Redacted		online		Redacted
1037	LCE	Redacted	Redacted	2020	4	0	Redacted		online		Redacted
1038	LCE	Redacted	Redacted	2020	5	0	Redacted		online		Redacted
1039	LCE	Redacted	Redacted	2020	6	0	Redacted		online		Redacted
1040	LCE	Redacted	Redacted	2020	7	0	Redacted		online		Redacted
1041	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1042	LCE	Redacted	Redacted	2020	9	0	Redacted		online		Redacted
1043	LCE	Redacted	Redacted	2020	10	0	Redacted		online		Redacted
1044	LCE	Redacted	Redacted	2020	11	0	Redacted		online		Redacted
1045	LCE	Redacted	Redacted	2020	12	0	Redacted		online		Redacted
1046	LCE	Redacted	Redacted	2021	1	0	Redacted		online		Redacted
1047	LCE	Redacted	Redacted	2021	2	0	Redacted		online		Redacted
1048	LCE	Redacted	Redacted	2021	3	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1022	Redacted	unspecified_import	1	unknown	unknown_2020_1	0	1	#N/A
1023	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1024	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1025	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1026	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1027	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1028	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1029	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1030	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1031	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1032	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1033	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1034	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1035	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1036	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1037	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1038	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1039	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1040	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1041	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1042	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1043	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1044	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1045	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1046	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1047	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1048	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1022	Redacted	ok	special	0	0
1023	Redacted	ok	special	0	1
1024	Redacted	ok	special	0	1
1025	Redacted	ok	special	0	1
1026	Redacted	ok	special	0	1
1027	Redacted	ok	special	0	1
1028	Redacted	ok	special	0	1
1029	Redacted	ok	special	0	1
1030	Redacted	ok	special	0	1
1031	Redacted	ok	special	0	1
1032	Redacted	ok	special	0	1
1033	Redacted	ok	special	0	1
1034	Redacted	ok	physical	0	1
1035	Redacted	ok	physical	0	1
1036	Redacted	ok	physical	0	1
1037	Redacted	ok	physical	0	1
1038	Redacted	ok	physical	0	1
1039	Redacted	ok	physical	0	1
1040	Redacted	ok	physical	0	1
1041	Redacted	ok	physical	0	1
1042	Redacted	ok	physical	0	1
1043	Redacted	ok	physical	0	1
1044	Redacted	ok	physical	0	1
1045	Redacted	ok	physical	0	1
1046	Redacted	ok	physical	0	1
1047	Redacted	ok	physical	0	1
1048	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1049	LCE	Redacted	Redacted	2021	4	0	Redacted		online		Redacted
1050	LCE	Redacted	Redacted	2021	5	0	Redacted		online		Redacted
1051	LCE	Redacted	Redacted	2021	6	0	Redacted		online		Redacted
1052	LCE	Redacted	Redacted	2021	7	0	Redacted		online		Redacted
1053	LCE	Redacted	Redacted	2021	8	0	Redacted		online		Redacted
1054	LCE	Redacted	Redacted	2021	9	0	Redacted		online		Redacted
1055	LCE	Redacted	Redacted	2021	10	0	Redacted		online		Redacted
1056	LCE	Redacted	Redacted	2021	11	0	Redacted		online		Redacted
1057	LCE	Redacted	Redacted	2021	12	0	Redacted		online		Redacted
1058	LCE	Redacted	Redacted	2020	1	0	Redacted		online		Redacted
1059	LCE	Redacted	Redacted	2020	2	0	Redacted		online		Redacted
1060	LCE	Redacted	Redacted	2020	3	0	Redacted		online		Redacted
1061	LCE	Redacted	Redacted	2020	4	0	Redacted		online		Redacted
1062	LCE	Redacted	Redacted	2020	5	0	Redacted		online		Redacted
1063	LCE	Redacted	Redacted	2020	6	0	Redacted		online		Redacted
1064	LCE	Redacted	Redacted	2020	7	0	Redacted		online		Redacted
1065	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1066	LCE	Redacted	Redacted	2020	9	0	Redacted		online		Redacted
1067	LCE	Redacted	Redacted	2020	10	0	Redacted		online		Redacted
1068	LCE	Redacted	Redacted	2020	11	0	Redacted		online		Redacted
1069	LCE	Redacted	Redacted	2020	12	0	Redacted		online		Redacted
1070	LCE	Redacted	Redacted	2021	1	0	Redacted		online		Redacted
1071	LCE	Redacted	Redacted	2021	2	0	Redacted		online		Redacted
1072	LCE	Redacted	Redacted	2021	3	0	Redacted		online		Redacted
1073	LCE	Redacted	Redacted	2021	4	0	Redacted		online		Redacted
1074	LCE	Redacted	Redacted	2021	5	0	Redacted		online		Redacted
1075	LCE	Redacted	Redacted	2021	6	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1049	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1050	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1051	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1052	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1053	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1054	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1055	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1056	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1057	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1058	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1059	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1060	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1061	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1062	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1063	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1064	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1065	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1066	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1067	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1068	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1069	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1070	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1071	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1072	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1073	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1074	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1075	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1049	Redacted	ok	physical	0	1
1050	Redacted	ok	physical	0	1
1051	Redacted	ok	physical	0	1
1052	Redacted	ok	physical	0	1
1053	Redacted	ok	physical	0	1
1054	Redacted	ok	physical	0	1
1055	Redacted	ok	physical	0	1
1056	Redacted	ok	physical	0	1
1057	Redacted	ok	physical	0	1
1058	Redacted	ok	physical	0	1
1059	Redacted	ok	physical	0	1
1060	Redacted	ok	physical	0	1
1061	Redacted	ok	physical	0	1
1062	Redacted	ok	physical	0	1
1063	Redacted	ok	physical	0	1
1064	Redacted	ok	physical	0	1
1065	Redacted	ok	physical	0	1
1066	Redacted	ok	physical	0	1
1067	Redacted	ok	physical	0	1
1068	Redacted	ok	physical	0	1
1069	Redacted	ok	physical	0	1
1070	Redacted	ok	physical	0	1
1071	Redacted	ok	physical	0	1
1072	Redacted	ok	physical	0	1
1073	Redacted	ok	physical	0	1
1074	Redacted	ok	physical	0	1
1075	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**
1049	Redacted	0	0	1	1	1	1	1	1	1	1
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
1075	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1076	LCE	Redacted	Redacted	2021	7	0	Redacted		online		Redacted
1077	LCE	Redacted	Redacted	2021	8	0	Redacted		online		Redacted
1078	LCE	Redacted	Redacted	2021	9	0	Redacted		online		Redacted
1079	LCE	Redacted	Redacted	2021	10	0	Redacted		online		Redacted
1080	LCE	Redacted	Redacted	2021	11	0	Redacted		online		Redacted
1081	LCE	Redacted	Redacted	2021	12	0	Redacted		online		Redacted
1082	LCE	Redacted	Redacted	2022	1	0	Redacted		online		Redacted
1083	LCE	Redacted	Redacted	2022	2	0	Redacted		online		Redacted
1084	LCE	Redacted	Redacted	2022	3	0	Redacted		online		Redacted
1085	LCE	Redacted	Redacted	2022	4	0	Redacted		online		Redacted
1086	LCE	Redacted	Redacted	2022	5	0	Redacted		online		Redacted
1087	LCE	Redacted	Redacted	2022	6	0	Redacted		online		Redacted
1088	LCE	Redacted	Redacted	2022	7	0	Redacted		online		Redacted
1089	LCE	Redacted	Redacted	2022	8	0	Redacted		online		Redacted
1090	LCE	Redacted	Redacted	2022	9	0	Redacted		online		Redacted
1091	LCE	Redacted	Redacted	2022	10	0	Redacted		online		Redacted
1092	LCE	Redacted	Redacted	2022	11	0	Redacted		online		Redacted
1093	LCE	Redacted	Redacted	2022	12	0	Redacted		online		Redacted
1094	LCE	Redacted	Redacted	2020	5	0	Redacted		online		Redacted
1095	LCE	Redacted	Redacted	2020	6	0	Redacted		online		Redacted
1096	LCE	Redacted	Redacted	2020	7	0	Redacted		online		Redacted
1097	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1098	LCE	Redacted	Redacted	2020	9	0	Redacted		online		Redacted
1099	LCE	Redacted	Redacted	2020	10	0	Redacted		online		Redacted
1100	LCE	Redacted	Redacted	2020	5	0	Redacted		online		Redacted
1101	LCE	Redacted	Redacted	2020	6	0	Redacted		online		Redacted
1102	LCE	Redacted	Redacted	2020	7	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1076	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1077	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1078	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1079	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1080	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1081	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1082	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1083	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1084	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1085	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1086	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1087	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1088	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1089	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1090	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1091	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1092	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1093	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1094	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1095	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1096	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1097	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1098	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1099	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1100	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1101	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1102	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1076	Redacted	ok	physical	0	1
1077	Redacted	ok	physical	0	1
1078	Redacted	ok	physical	0	1
1079	Redacted	ok	physical	0	1
1080	Redacted	ok	physical	0	1
1081	Redacted	ok	physical	0	1
1082	Redacted	ok	physical	0	1
1083	Redacted	ok	physical	0	1
1084	Redacted	ok	physical	0	1
1085	Redacted	ok	physical	0	1
1086	Redacted	ok	physical	0	1
1087	Redacted	ok	physical	0	1
1088	Redacted	ok	physical	0	1
1089	Redacted	ok	physical	0	1
1090	Redacted	ok	physical	0	1
1091	Redacted	ok	physical	0	1
1092	Redacted	ok	physical	0	1
1093	Redacted	ok	physical	0	1
1094	Redacted	ok	special	0	1
1095	Redacted	ok	special	0	1
1096	Redacted	ok	special	0	1
1097	Redacted	ok	special	0	1
1098	Redacted	ok	special	0	1
1099	Redacted	ok	special	0	1
1100	Redacted	ok	special	0	1
1101	Redacted	ok	special	0	1
1102	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1103	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1104	LCE	Redacted	Redacted	2020	9	0	Redacted		online		Redacted
1105	LCE	Redacted	Redacted	2020	10	0	Redacted		online		Redacted
1106	LCE	Redacted	Redacted	2020	1	0	Redacted		online		Redacted
1107	LCE	Redacted	Redacted	2020	1	0	Redacted		online		Redacted
1108	LCE	Redacted	Redacted	2020	2	0	Redacted		online		Redacted
1109	LCE	Redacted	Redacted	2020	2	0	Redacted		online		Redacted
1110	LCE	Redacted	Redacted	2020	3	0	Redacted		online		Redacted
1111	LCE	Redacted	Redacted	2020	3	0	Redacted		online		Redacted
1112	LCE	Redacted	Redacted	2020	4	0	Redacted		online		Redacted
1113	LCE	Redacted	Redacted	2020	4	0	Redacted		online		Redacted
1114	LCE	Redacted	Redacted	2020	5	0	Redacted		online		Redacted
1115	LCE	Redacted	Redacted	2020	5	0	Redacted		online		Redacted
1116	LCE	Redacted	Redacted	2020	6	0	Redacted		online		Redacted
1117	LCE	Redacted	Redacted	2020	6	0	Redacted		online		Redacted
1118	LCE	Redacted	Redacted	2020	7	0	Redacted		online		Redacted
1119	LCE	Redacted	Redacted	2020	7	0	Redacted		online		Redacted
1120	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1121	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1122	LCE	Redacted	Redacted	2020	9	0	Redacted		online		Redacted
1123	LCE	Redacted	Redacted	2020	9	0	Redacted		online		Redacted
1124	LCE	Redacted	Redacted	2020	10	0	Redacted		online		Redacted
1125	LCE	Redacted	Redacted	2020	10	0	Redacted		online		Redacted
1126	LCE	Redacted	Redacted	2020	11	0	Redacted		online		Redacted
1127	LCE	Redacted	Redacted	2020	11	0	Redacted		online		Redacted
1128	LCE	Redacted	Redacted	2020	12	0	Redacted		online		Redacted
1129	LCE	Redacted	Redacted	2020	12	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1103	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1104	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1105	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1106	Redacted	Redacted	1	Redacted	Redacted	0.14	1	#N/A
1107	Redacted	Redacted	1	Redacted	Redacted	0.14	1	#N/A
1108	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1109	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1110	Redacted	Redacted	1	Redacted	Redacted	0.28	1	#N/A
1111	Redacted	Redacted	1	Redacted	Redacted	0.28	1	#N/A
1112	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1113	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1114	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1115	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1116	Redacted	Redacted	1	Redacted	Redacted	0.33	1	#N/A
1117	Redacted	Redacted	1	Redacted	Redacted	0.33	1	#N/A
1118	Redacted	Redacted	1	Redacted	Redacted	0.23	1	#N/A
1119	Redacted	Redacted	1	Redacted	Redacted	0.23	1	#N/A
1120	Redacted	Redacted	1	Redacted	Redacted	0.21	1	#N/A
1121	Redacted	Redacted	1	Redacted	Redacted	0.21	1	#N/A
1122	Redacted	Redacted	1	Redacted	Redacted	0.15	1	#N/A
1123	Redacted	Redacted	1	Redacted	Redacted	0.15	1	#N/A
1124	Redacted	Redacted	1	Redacted	Redacted	0.08	1	#N/A
1125	Redacted	Redacted	1	Redacted	Redacted	0.08	1	#N/A
1126	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1127	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1128	Redacted	Redacted	1	Redacted	Redacted	0.13	1	#N/A
1129	Redacted	Redacted	1	Redacted	Redacted	0.13	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1103	Redacted	ok	special	0	1
1104	Redacted	ok	special	0	1
1105	Redacted	ok	special	0	1
1106	Redacted	ok	physical	0	1
1107	Redacted	ok	physical	0	1
1108	Redacted	ok	physical	0	1
1109	Redacted	ok	physical	0	1
1110	Redacted	ok	physical	0	1
1111	Redacted	ok	physical	0	1
1112	Redacted	ok	physical	0	1
1113	Redacted	ok	physical	0	1
1114	Redacted	ok	physical	0	1
1115	Redacted	ok	physical	0	1
1116	Redacted	ok	physical	0	1
1117	Redacted	ok	physical	0	1
1118	Redacted	ok	physical	0	1
1119	Redacted	ok	physical	0	1
1120	Redacted	ok	physical	0	1
1121	Redacted	ok	physical	0	1
1122	Redacted	ok	physical	0	1
1123	Redacted	ok	physical	0	1
1124	Redacted	ok	physical	0	1
1125	Redacted	ok	physical	0	1
1126	Redacted	ok	physical	0	1
1127	Redacted	ok	physical	0	1
1128	Redacted	ok	physical	0	1
1129	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1130	LCE	Redacted	Redacted	2021	1	0	Redacted		online		Redacted
1131	LCE	Redacted	Redacted	2021	1	0	Redacted		online		Redacted
1132	LCE	Redacted	Redacted	2021	2	0	Redacted		online		Redacted
1133	LCE	Redacted	Redacted	2021	2	0	Redacted		online		Redacted
1134	LCE	Redacted	Redacted	2021	3	0	Redacted		online		Redacted
1135	LCE	Redacted	Redacted	2021	3	0	Redacted		online		Redacted
1136	LCE	Redacted	Redacted	2021	4	0	Redacted		online		Redacted
1137	LCE	Redacted	Redacted	2021	4	0	Redacted		online		Redacted
1138	LCE	Redacted	Redacted	2021	5	0	Redacted		online		Redacted
1139	LCE	Redacted	Redacted	2021	5	0	Redacted		online		Redacted
1140	LCE	Redacted	Redacted	2021	6	0	Redacted		online		Redacted
1141	LCE	Redacted	Redacted	2021	6	0	Redacted		online		Redacted
1142	LCE	Redacted	Redacted	2021	7	0	Redacted		online		Redacted
1143	LCE	Redacted	Redacted	2021	7	0	Redacted		online		Redacted
1144	LCE	Redacted	Redacted	2021	8	0	Redacted		online		Redacted
1145	LCE	Redacted	Redacted	2021	8	0	Redacted		online		Redacted
1146	LCE	Redacted	Redacted	2021	9	0	Redacted		online		Redacted
1147	LCE	Redacted	Redacted	2021	9	0	Redacted		online		Redacted
1148	LCE	Redacted	Redacted	2021	10	0	Redacted		online		Redacted
1149	LCE	Redacted	Redacted	2021	10	0	Redacted		online		Redacted
1150	LCE	Redacted	Redacted	2021	11	0	Redacted		online		Redacted
1151	LCE	Redacted	Redacted	2021	11	0	Redacted		online		Redacted
1152	LCE	Redacted	Redacted	2021	12	0	Redacted		online		Redacted
1153	LCE	Redacted	Redacted	2021	12	0	Redacted		online		Redacted
1154	LCE	Redacted	Redacted	2022	1	0	Redacted		online		Redacted
1155	LCE	Redacted	Redacted	2022	1	0	Redacted		online		Redacted
1156	LCE	Redacted	Redacted	2022	2	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1130	Redacted	Redacted	1	Redacted	Redacted	0.14	1	#N/A
1131	Redacted	Redacted	1	Redacted	Redacted	0.14	1	#N/A
1132	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1133	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1134	Redacted	Redacted	1	Redacted	Redacted	0.28	1	#N/A
1135	Redacted	Redacted	1	Redacted	Redacted	0.28	1	#N/A
1136	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1137	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1138	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1139	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1140	Redacted	Redacted	1	Redacted	Redacted	0.33	1	#N/A
1141	Redacted	Redacted	1	Redacted	Redacted	0.33	1	#N/A
1142	Redacted	Redacted	1	Redacted	Redacted	0.23	1	#N/A
1143	Redacted	Redacted	1	Redacted	Redacted	0.23	1	#N/A
1144	Redacted	Redacted	1	Redacted	Redacted	0.21	1	#N/A
1145	Redacted	Redacted	1	Redacted	Redacted	0.21	1	#N/A
1146	Redacted	Redacted	1	Redacted	Redacted	0.15	1	#N/A
1147	Redacted	Redacted	1	Redacted	Redacted	0.15	1	#N/A
1148	Redacted	Redacted	1	Redacted	Redacted	0.08	1	#N/A
1149	Redacted	Redacted	1	Redacted	Redacted	0.08	1	#N/A
1150	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1151	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1152	Redacted	Redacted	1	Redacted	Redacted	0.13	1	#N/A
1153	Redacted	Redacted	1	Redacted	Redacted	0.13	1	#N/A
1154	Redacted	Redacted	1	Redacted	Redacted	0.14	1	#N/A
1155	Redacted	Redacted	1	Redacted	Redacted	0.14	1	#N/A
1156	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1130	Redacted	ok	physical	0	1
1131	Redacted	ok	physical	0	1
1132	Redacted	ok	physical	0	1
1133	Redacted	ok	physical	0	1
1134	Redacted	ok	physical	0	1
1135	Redacted	ok	physical	0	1
1136	Redacted	ok	physical	0	1
1137	Redacted	ok	physical	0	1
1138	Redacted	ok	physical	0	1
1139	Redacted	ok	physical	0	1
1140	Redacted	ok	physical	0	1
1141	Redacted	ok	physical	0	1
1142	Redacted	ok	physical	0	1
1143	Redacted	ok	physical	0	1
1144	Redacted	ok	physical	0	1
1145	Redacted	ok	physical	0	1
1146	Redacted	ok	physical	0	1
1147	Redacted	ok	physical	0	1
1148	Redacted	ok	physical	0	1
1149	Redacted	ok	physical	0	1
1150	Redacted	ok	physical	0	1
1151	Redacted	ok	physical	0	1
1152	Redacted	ok	physical	0	1
1153	Redacted	ok	physical	0	1
1154	Redacted	ok	physical	0	1
1155	Redacted	ok	physical	0	1
1156	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1157	LCE	Redacted	Redacted	2022	2	0	Redacted		online		Redacted
1158	LCE	Redacted	Redacted	2022	3	0	Redacted		online		Redacted
1159	LCE	Redacted	Redacted	2022	3	0	Redacted		online		Redacted
1160	LCE	Redacted	Redacted	2022	4	0	Redacted		online		Redacted
1161	LCE	Redacted	Redacted	2022	4	0	Redacted		online		Redacted
1162	LCE	Redacted	Redacted	2022	5	0	Redacted		online		Redacted
1163	LCE	Redacted	Redacted	2022	5	0	Redacted		online		Redacted
1164	LCE	Redacted	Redacted	2022	6	0	Redacted		online		Redacted
1165	LCE	Redacted	Redacted	2022	6	0	Redacted		online		Redacted
1166	LCE	Redacted	Redacted	2022	7	0	Redacted		online		Redacted
1167	LCE	Redacted	Redacted	2022	7	0	Redacted		online		Redacted
1168	LCE	Redacted	Redacted	2022	8	0	Redacted		online		Redacted
1169	LCE	Redacted	Redacted	2022	8	0	Redacted		online		Redacted
1170	LCE	Redacted	Redacted	2022	9	0	Redacted		online		Redacted
1171	LCE	Redacted	Redacted	2022	9	0	Redacted		online		Redacted
1172	LCE	Redacted	Redacted	2022	10	0	Redacted		online		Redacted
1173	LCE	Redacted	Redacted	2022	10	0	Redacted		online		Redacted
1174	LCE	Redacted	Redacted	2022	11	0	Redacted		online		Redacted
1175	LCE	Redacted	Redacted	2022	11	0	Redacted		online		Redacted
1176	LCE	Redacted	Redacted	2022	12	0	Redacted		online		Redacted
1177	LCE	Redacted	Redacted	2022	12	0	Redacted		online		Redacted
1178	LCE	Redacted	Redacted	2021	1	0	Redacted		online		Redacted
1179	LCE	Redacted	Redacted	2021	2	0	Redacted		online		Redacted
1180	LCE	Redacted	Redacted	2021	3	0	Redacted		online		Redacted
1181	LCE	Redacted	Redacted	2021	4	0	Redacted		online		Redacted
1182	LCE	Redacted	Redacted	2021	5	0	Redacted		online		Redacted
1183	LCE	Redacted	Redacted	2021	6	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1157	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1158	Redacted	Redacted	1	Redacted	Redacted	0.28	1	#N/A
1159	Redacted	Redacted	1	Redacted	Redacted	0.28	1	#N/A
1160	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1161	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1162	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1163	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1164	Redacted	Redacted	1	Redacted	Redacted	0.33	1	#N/A
1165	Redacted	Redacted	1	Redacted	Redacted	0.33	1	#N/A
1166	Redacted	Redacted	1	Redacted	Redacted	0.23	1	#N/A
1167	Redacted	Redacted	1	Redacted	Redacted	0.23	1	#N/A
1168	Redacted	Redacted	1	Redacted	Redacted	0.21	1	#N/A
1169	Redacted	Redacted	1	Redacted	Redacted	0.21	1	#N/A
1170	Redacted	Redacted	1	Redacted	Redacted	0.15	1	#N/A
1171	Redacted	Redacted	1	Redacted	Redacted	0.15	1	#N/A
1172	Redacted	Redacted	1	Redacted	Redacted	0.08	1	#N/A
1173	Redacted	Redacted	1	Redacted	Redacted	0.08	1	#N/A
1174	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1175	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1176	Redacted	Redacted	1	Redacted	Redacted	0.13	1	#N/A
1177	Redacted	Redacted	1	Redacted	Redacted	0.13	1	#N/A
1178	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1179	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1180	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1181	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1182	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1183	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1157	Redacted	ok	physical	0	1
1158	Redacted	ok	physical	0	1
1159	Redacted	ok	physical	0	1
1160	Redacted	ok	physical	0	1
1161	Redacted	ok	physical	0	1
1162	Redacted	ok	physical	0	1
1163	Redacted	ok	physical	0	1
1164	Redacted	ok	physical	0	1
1165	Redacted	ok	physical	0	1
1166	Redacted	ok	physical	0	1
1167	Redacted	ok	physical	0	1
1168	Redacted	ok	physical	0	1
1169	Redacted	ok	physical	0	1
1170	Redacted	ok	physical	0	1
1171	Redacted	ok	physical	0	1
1172	Redacted	ok	physical	0	1
1173	Redacted	ok	physical	0	1
1174	Redacted	ok	physical	0	1
1175	Redacted	ok	physical	0	1
1176	Redacted	ok	physical	0	1
1177	Redacted	ok	physical	0	1
1178	Redacted	ok	physical	0	1
1179	Redacted	ok	physical	0	1
1180	Redacted	ok	physical	0	1
1181	Redacted	ok	physical	0	1
1182	Redacted	ok	physical	0	1
1183	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1184	LCE	Redacted	Redacted	2021	7	0	Redacted		online		Redacted
1185	LCE	Redacted	Redacted	2021	8	0	Redacted		online		Redacted
1186	LCE	Redacted	Redacted	2021	9	0	Redacted		online		Redacted
1187	LCE	Redacted	Redacted	2021	10	0	Redacted		online		Redacted
1188	LCE	Redacted	Redacted	2021	11	0	Redacted		online		Redacted
1189	LCE	Redacted	Redacted	2021	12	0	Redacted		online		Redacted
1190	LCE	Redacted	Redacted	2022	1	0	Redacted		online		Redacted
1191	LCE	Redacted	Redacted	2022	2	0	Redacted		online		Redacted
1192	LCE	Redacted	Redacted	2022	3	0	Redacted		online		Redacted
1193	LCE	Redacted	Redacted	2022	4	0	Redacted		online		Redacted
1194	LCE	Redacted	Redacted	2022	5	0	Redacted		online		Redacted
1195	LCE	Redacted	Redacted	2022	6	0	Redacted		online		Redacted
1196	LCE	Redacted	Redacted	2022	7	0	Redacted		online		Redacted
1197	LCE	Redacted	Redacted	2022	8	0	Redacted		online		Redacted
1198	LCE	Redacted	Redacted	2022	9	0	Redacted		online		Redacted
1199	LCE	Redacted	Redacted	2022	10	0	Redacted		online		Redacted
1200	LCE	Redacted	Redacted	2022	11	0	Redacted		online		Redacted
1201	LCE	Redacted	Redacted	2022	12	0	Redacted		online		Redacted
1202	LCE	Redacted	Redacted	2021	1	0	Redacted		online		Redacted
1203	LCE	Redacted	Redacted	2021	2	0	Redacted		online		Redacted
1204	LCE	Redacted	Redacted	2021	3	0	Redacted		online		Redacted
1205	LCE	Redacted	Redacted	2021	4	0	Redacted		online		Redacted
1206	LCE	Redacted	Redacted	2021	5	0	Redacted		online		Redacted
1207	LCE	Redacted	Redacted	2021	6	0	Redacted		online		Redacted
1208	LCE	Redacted	Redacted	2021	7	0	Redacted		online		Redacted
1209	LCE	Redacted	Redacted	2021	8	0	Redacted		online		Redacted
1210	LCE	Redacted	Redacted	2021	9	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1184	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1185	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1186	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1187	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1188	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1189	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1190	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1191	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1192	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1193	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1194	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1195	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1196	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1197	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1198	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1199	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1200	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1201	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1202	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1203	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1204	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1205	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1206	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1207	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1208	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1209	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1210	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1184	Redacted	ok	physical	0	1
1185	Redacted	ok	physical	0	1
1186	Redacted	ok	physical	0	1
1187	Redacted	ok	physical	0	1
1188	Redacted	ok	physical	0	1
1189	Redacted	ok	physical	0	1
1190	Redacted	ok	physical	0	1
1191	Redacted	ok	physical	0	1
1192	Redacted	ok	physical	0	1
1193	Redacted	ok	physical	0	1
1194	Redacted	ok	physical	0	1
1195	Redacted	ok	physical	0	1
1196	Redacted	ok	physical	0	1
1197	Redacted	ok	physical	0	1
1198	Redacted	ok	physical	0	1
1199	Redacted	ok	physical	0	1
1200	Redacted	ok	physical	0	1
1201	Redacted	ok	physical	0	1
1202	Redacted	ok	physical	0	1
1203	Redacted	ok	physical	0	1
1204	Redacted	ok	physical	0	1
1205	Redacted	ok	physical	0	1
1206	Redacted	ok	physical	0	1
1207	Redacted	ok	physical	0	1
1208	Redacted	ok	physical	0	1
1209	Redacted	ok	physical	0	1
1210	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1211	LCE	Redacted	Redacted	2021	10	0	Redacted		online		Redacted
1212	LCE	Redacted	Redacted	2021	11	0	Redacted		online		Redacted
1213	LCE	Redacted	Redacted	2021	12	0	Redacted		online		Redacted
1214	LCE	Redacted	Redacted	2022	1	0	Redacted		online		Redacted
1215	LCE	Redacted	Redacted	2022	2	0	Redacted		online		Redacted
1216	LCE	Redacted	Redacted	2022	3	0	Redacted		online		Redacted
1217	LCE	Redacted	Redacted	2022	4	0	Redacted		online		Redacted
1218	LCE	Redacted	Redacted	2022	5	0	Redacted		online		Redacted
1219	LCE	Redacted	Redacted	2022	6	0	Redacted		online		Redacted
1220	LCE	Redacted	Redacted	2022	7	0	Redacted		online		Redacted
1221	LCE	Redacted	Redacted	2022	8	0	Redacted		online		Redacted
1222	LCE	Redacted	Redacted	2022	9	0	Redacted		online		Redacted
1223	LCE	Redacted	Redacted	2022	10	0	Redacted		online		Redacted
1224	LCE	Redacted	Redacted	2022	11	0	Redacted		online		Redacted
1225	LCE	Redacted	Redacted	2022	12	0	Redacted		online		Redacted
1226	LCE	Redacted	Redacted	2020	1	0	Redacted		online		Redacted
1227	LCE	Redacted	Redacted	2020	1	0	Redacted		online		Redacted
1228	LCE	Redacted	Redacted	2020	7	0	Redacted		online		Redacted
1229	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1230	LCE	Redacted	Redacted	2020	9	0	Redacted		online		Redacted
1231	LCE	WSTWND_2_M89WD1	1722 CALPINE_RA_6_SS_LCE	2020	3	0	Redacted		online		Redacted
1232	LCE	WSTWND_2_M89WD1	1723 CALPINE_RA_10_SS_LCE	2020	5	0	Redacted		online		Redacted
1233	LCE	LEBECS_2_UNITS	1724 CALPINE_RA_11_BC_LCE	2020	5	0	Redacted		online		Redacted
1234	LCE	VSTAES_6_VESBT1	1725 CALPINE_RA_7_SSF3_LCE	2020	5	0	Redacted		online		Redacted
1235	LCE	PLAINV_6_DSOLAR	1726 CALPINE_RA_8_BC_LCE	2020	5	0	Redacted		online		Redacted
1236	LCE	MORWD_6_QF	1727 CALPINE_RA_9_SS_LCE	2020	5	0	Redacted		online		Redacted
1237	LCE	Redacted	Redacted	2022	1	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1211	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1212	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1213	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1214	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1215	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1216	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1217	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1218	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1219	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1220	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1221	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1222	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1223	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1224	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1225	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1226	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1227	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1228	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1229	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1230	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1231	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_3	0.28	1	#N/A
1232	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_5	0.25	1	#N/A
1233	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_5	1	1	#N/A
1234	Redacted	CAISO_Li_Battery	1	battery	battery_2020_5	1	0	#N/A
1235	Redacted	CAISO_Solar	1	solar	solar_2020_5	0.16	1	#N/A
1236	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_5	0.25	1	#N/A
1237	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1211	Redacted	ok	physical	0	1
1212	Redacted	ok	physical	0	1
1213	Redacted	ok	physical	0	1
1214	Redacted	ok	physical	0	1
1215	Redacted	ok	physical	0	1
1216	Redacted	ok	physical	0	1
1217	Redacted	ok	physical	0	1
1218	Redacted	ok	physical	0	1
1219	Redacted	ok	physical	0	1
1220	Redacted	ok	physical	0	1
1221	Redacted	ok	physical	0	1
1222	Redacted	ok	physical	0	1
1223	Redacted	ok	physical	0	1
1224	Redacted	ok	physical	0	1
1225	Redacted	ok	physical	0	1
1226	Redacted	ok	physical	0	1
1227	Redacted	ok	special	0	1
1228	Redacted	ok	special	0	1
1229	Redacted	ok	special	0	1
1230	Redacted	ok	special	0	1
1231	Redacted	ok	physical	0	0
1232	Redacted	ok	physical	0	0
1233	Redacted	ok	physical	0	0
1234	Redacted	ok	physical	0	0
1235	Redacted	ok	physical	0	0
1236	Redacted	ok	physical	0	0
1237	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1238	LCE	Redacted	Redacted	2022	2	0	Redacted		online		Redacted
1239	LCE	Redacted	Redacted	2022	3	0	Redacted		online		Redacted
1240	LCE	Redacted	Redacted	2022	4	0	Redacted		online		Redacted
1241	LCE	Redacted	Redacted	2022	5	0	Redacted		online		Redacted
1242	LCE	Redacted	Redacted	2022	6	0	Redacted		online		Redacted
1243	LCE	Redacted	Redacted	2022	7	0	Redacted		online		Redacted
1244	LCE	Redacted	Redacted	2022	8	0	Redacted		online		Redacted
1245	LCE	Redacted	Redacted	2022	9	0	Redacted		online		Redacted
1246	LCE	Redacted	Redacted	2022	10	0	Redacted		online		Redacted
1247	LCE	Redacted	Redacted	2022	11	0	Redacted		online		Redacted
1248	LCE	Redacted	Redacted	2022	12	0	Redacted		online		Redacted
1249	LCE	Redacted	Redacted	2023	1	0	Redacted		online		Redacted
1250	LCE	Redacted	Redacted	2023	2	0	Redacted		online		Redacted
1251	LCE	Redacted	Redacted	2023	3	0	Redacted		online		Redacted
1252	LCE	Redacted	Redacted	2023	4	0	Redacted		online		Redacted
1253	LCE	Redacted	Redacted	2023	5	0	Redacted		online		Redacted
1254	LCE	Redacted	Redacted	2023	6	0	Redacted		online		Redacted
1255	LCE	Redacted	Redacted	2023	7	0	Redacted		online		Redacted
1256	LCE	Redacted	Redacted	2023	8	0	Redacted		online		Redacted
1257	LCE	Redacted	Redacted	2023	9	0	Redacted		online		Redacted
1258	LCE	Redacted	Redacted	2023	10	0	Redacted		online		Redacted
1259	LCE	Redacted	Redacted	2023	11	0	Redacted		online		Redacted
1260	LCE	Redacted	Redacted	2023	12	0	Redacted		online		Redacted
1261	LCE	Redacted	Redacted	2021	1	0	Redacted		online		Redacted
1262	LCE	Redacted	Redacted	2021	2	0	Redacted		online		Redacted
1263	LCE	Redacted	Redacted	2021	3	0	Redacted		online		Redacted
1264	LCE	Redacted	Redacted	2021	4	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1238	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1239	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1240	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1241	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1242	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1243	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1244	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1245	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1246	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1247	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1248	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1249	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1250	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1251	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1252	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1253	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1254	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1255	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1256	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1257	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1258	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1259	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1260	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1261	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1262	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1263	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1264	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1238	Redacted	ok	physical	0	1
1239	Redacted	ok	physical	0	1
1240	Redacted	ok	physical	0	1
1241	Redacted	ok	physical	0	1
1242	Redacted	ok	physical	0	1
1243	Redacted	ok	physical	0	1
1244	Redacted	ok	physical	0	1
1245	Redacted	ok	physical	0	1
1246	Redacted	ok	physical	0	1
1247	Redacted	ok	physical	0	1
1248	Redacted	ok	physical	0	1
1249	Redacted	ok	physical	0	1
1250	Redacted	ok	physical	0	1
1251	Redacted	ok	physical	0	1
1252	Redacted	ok	physical	0	1
1253	Redacted	ok	physical	0	1
1254	Redacted	ok	physical	0	1
1255	Redacted	ok	physical	0	1
1256	Redacted	ok	physical	0	1
1257	Redacted	ok	physical	0	1
1258	Redacted	ok	physical	0	1
1259	Redacted	ok	physical	0	1
1260	Redacted	ok	physical	0	1
1261	Redacted	ok	physical	0	1
1262	Redacted	ok	physical	0	1
1263	Redacted	ok	physical	0	1
1264	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1265	LCE	Redacted	Redacted	2021	5	0	Redacted		online		Redacted
1266	LCE	Redacted	Redacted	2021	6	0	Redacted		online		Redacted
1267	LCE	Redacted	Redacted	2021	7	0	Redacted		online		Redacted
1268	LCE	Redacted	Redacted	2021	8	0	Redacted		online		Redacted
1269	LCE	Redacted	Redacted	2021	9	0	Redacted		online		Redacted
1270	LCE	Redacted	Redacted	2021	10	0	Redacted		online		Redacted
1271	LCE	Redacted	Redacted	2021	11	0	Redacted		online		Redacted
1272	LCE	Redacted	Redacted	2021	12	0	Redacted		online		Redacted
1273	LCE	Redacted	Redacted	2022	1	0	Redacted		online		Redacted
1274	LCE	Redacted	Redacted	2022	2	0	Redacted		online		Redacted
1275	LCE	Redacted	Redacted	2022	3	0	Redacted		online		Redacted
1276	LCE	Redacted	Redacted	2022	4	0	Redacted		online		Redacted
1277	LCE	Redacted	Redacted	2022	5	0	Redacted		online		Redacted
1278	LCE	Redacted	Redacted	2022	6	0	Redacted		online		Redacted
1279	LCE	Redacted	Redacted	2022	7	0	Redacted		online		Redacted
1280	LCE	Redacted	Redacted	2022	8	0	Redacted		online		Redacted
1281	LCE	Redacted	Redacted	2022	9	0	Redacted		online		Redacted
1282	LCE	Redacted	Redacted	2022	10	0	Redacted		online		Redacted
1283	LCE	Redacted	Redacted	2022	11	0	Redacted		online		Redacted
1284	LCE	Redacted	Redacted	2022	12	0	Redacted		online		Redacted
1285	LCE	Redacted	Redacted	2023	1	0	Redacted		online		Redacted
1286	LCE	Redacted	Redacted	2023	2	0	Redacted		online		Redacted
1287	LCE	Redacted	Redacted	2023	3	0	Redacted		online		Redacted
1288	LCE	Redacted	Redacted	2023	4	0	Redacted		online		Redacted
1289	LCE	Redacted	Redacted	2023	5	0	Redacted		online		Redacted
1290	LCE	Redacted	Redacted	2023	6	0	Redacted		online		Redacted
1291	LCE	Redacted	Redacted	2023	7	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1265	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1266	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1267	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1268	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1269	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1270	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1271	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1272	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1273	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1274	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1275	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1276	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1277	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1278	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1279	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1280	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1281	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1282	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1283	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1284	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1285	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1286	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1287	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1288	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1289	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1290	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1291	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1265	Redacted	ok	physical	0	1
1266	Redacted	ok	physical	0	1
1267	Redacted	ok	physical	0	1
1268	Redacted	ok	physical	0	1
1269	Redacted	ok	physical	0	1
1270	Redacted	ok	physical	0	1
1271	Redacted	ok	physical	0	1
1272	Redacted	ok	physical	0	1
1273	Redacted	ok	physical	0	1
1274	Redacted	ok	physical	0	1
1275	Redacted	ok	physical	0	1
1276	Redacted	ok	physical	0	1
1277	Redacted	ok	physical	0	1
1278	Redacted	ok	physical	0	1
1279	Redacted	ok	physical	0	1
1280	Redacted	ok	physical	0	1
1281	Redacted	ok	physical	0	1
1282	Redacted	ok	physical	0	1
1283	Redacted	ok	physical	0	1
1284	Redacted	ok	physical	0	1
1285	Redacted	ok	physical	0	1
1286	Redacted	ok	physical	0	1
1287	Redacted	ok	physical	0	1
1288	Redacted	ok	physical	0	1
1289	Redacted	ok	physical	0	1
1290	Redacted	ok	physical	0	1
1291	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1292	LCE	Redacted	Redacted	2023	8	0	Redacted		online		Redacted
1293	LCE	Redacted	Redacted	2023	9	0	Redacted		online		Redacted
1294	LCE	Redacted	Redacted	2023	10	0	Redacted		online		Redacted
1295	LCE	Redacted	Redacted	2023	11	0	Redacted		online		Redacted
1296	LCE	Redacted	Redacted	2023	12	0	Redacted		online		Redacted
1297	LCE	WSTWND_2_M89WD1	1821 AZUSA_RA_1_SS_LCE	2020	6	0	Redacted		online		Redacted
1298	LCE	Redacted	Redacted	2022	6	0	Redacted		development	4	Redacted
1299	LCE	Redacted	Redacted	2022	7	0	Redacted		development	4	Redacted
1300	LCE	Redacted	Redacted	2022	8	0	Redacted		development	4	Redacted
1301	LCE	Redacted	Redacted	2022	9	0	Redacted		development	4	Redacted
1302	LCE	Redacted	Redacted	2022	10	0	Redacted		development	4	Redacted
1303	LCE	Redacted	Redacted	2022	11	0	Redacted		development	4	Redacted
1304	LCE	Redacted	Redacted	2022	12	0	Redacted		development	4	Redacted
1305	LCE	Redacted	Redacted	2023	1	0	Redacted		development	4	Redacted
1306	LCE	Redacted	Redacted	2023	2	0	Redacted		development	4	Redacted
1307	LCE	Redacted	Redacted	2023	3	0	Redacted		development	4	Redacted
1308	LCE	Redacted	Redacted	2023	4	0	Redacted		development	4	Redacted
1309	LCE	Redacted	Redacted	2023	5	0	Redacted		development	4	Redacted
1310	LCE	Redacted	Redacted	2023	6	0	Redacted		development	4	Redacted
1311	LCE	Redacted	Redacted	2023	7	0	Redacted		development	4	Redacted
1312	LCE	Redacted	Redacted	2023	8	0	Redacted		development	4	Redacted
1313	LCE	Redacted	Redacted	2023	9	0	Redacted		development	4	Redacted
1314	LCE	Redacted	Redacted	2023	10	0	Redacted		development	4	Redacted
1315	LCE	Redacted	Redacted	2023	11	0	Redacted		development	4	Redacted
1316	LCE	Redacted	Redacted	2023	12	0	Redacted		development	4	Redacted
1317	LCE	Redacted	Redacted	2024	1	0	Redacted		development	4	Redacted
1318	LCE	Redacted	Redacted	2024	2	0	Redacted		development	4	Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1292	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1293	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1294	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1295	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1296	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1297	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	0.33	1	#N/A
1298	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1299	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1300	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1301	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1302	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1303	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1304	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1305	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1306	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1307	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1308	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1309	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1310	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1311	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1312	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1313	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1314	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1315	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1316	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1317	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1318	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1292	Redacted	ok	physical	0	1
1293	Redacted	ok	physical	0	1
1294	Redacted	ok	physical	0	1
1295	Redacted	ok	physical	0	1
1296	Redacted	ok	physical	0	1
1297	Redacted	ok	physical	0	0
1298	Redacted	ok	new_generic	0	1
1299	Redacted	ok	new_generic	0	1
1300	Redacted	ok	new_generic	0	1
1301	Redacted	ok	new_generic	0	1
1302	Redacted	ok	new_generic	0	1
1303	Redacted	ok	new_generic	0	1
1304	Redacted	ok	new_generic	0	1
1305	Redacted	ok	new_generic	0	1
1306	Redacted	ok	new_generic	0	1
1307	Redacted	ok	new_generic	0	1
1308	Redacted	ok	new_generic	0	1
1309	Redacted	ok	new_generic	0	1
1310	Redacted	ok	new_generic	0	1
1311	Redacted	ok	new_generic	0	1
1312	Redacted	ok	new_generic	0	1
1313	Redacted	ok	new_generic	0	1
1314	Redacted	ok	new_generic	0	1
1315	Redacted	ok	new_generic	0	1
1316	Redacted	ok	new_generic	0	1
1317	Redacted	ok	new_generic	0	1
1318	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1319	LCE	Redacted	Redacted	2024	3	0	Redacted		development	4	Redacted
1320	LCE	Redacted	Redacted	2024	4	0	Redacted		development	4	Redacted
1321	LCE	Redacted	Redacted	2024	5	0	Redacted		development	4	Redacted
1322	LCE	Redacted	Redacted	2024	6	0	Redacted		development	4	Redacted
1323	LCE	Redacted	Redacted	2024	7	0	Redacted		development	4	Redacted
1324	LCE	Redacted	Redacted	2024	8	0	Redacted		development	4	Redacted
1325	LCE	Redacted	Redacted	2024	9	0	Redacted		development	4	Redacted
1326	LCE	Redacted	Redacted	2024	10	0	Redacted		development	4	Redacted
1327	LCE	Redacted	Redacted	2024	11	0	Redacted		development	4	Redacted
1328	LCE	Redacted	Redacted	2024	12	0	Redacted		development	4	Redacted
1329	LCE	Redacted	Redacted	2025	1	0	Redacted		development	4	Redacted
1330	LCE	Redacted	Redacted	2025	2	0	Redacted		development	4	Redacted
1331	LCE	Redacted	Redacted	2025	3	0	Redacted		development	4	Redacted
1332	LCE	Redacted	Redacted	2025	4	0	Redacted		development	4	Redacted
1333	LCE	Redacted	Redacted	2025	5	0	Redacted		development	4	Redacted
1334	LCE	Redacted	Redacted	2025	6	0	Redacted		development	4	Redacted
1335	LCE	Redacted	Redacted	2025	7	0	Redacted		development	4	Redacted
1336	LCE	Redacted	Redacted	2025	8	0	Redacted		development	4	Redacted
1337	LCE	Redacted	Redacted	2025	9	0	Redacted		development	4	Redacted
1338	LCE	Redacted	Redacted	2025	10	0	Redacted		development	4	Redacted
1339	LCE	Redacted	Redacted	2025	11	0	Redacted		development	4	Redacted
1340	LCE	Redacted	Redacted	2025	12	0	Redacted		development	4	Redacted
1341	LCE	Redacted	Redacted	2026	1	0	Redacted		development	4	Redacted
1342	LCE	Redacted	Redacted	2026	2	0	Redacted		development	4	Redacted
1343	LCE	Redacted	Redacted	2026	3	0	Redacted		development	4	Redacted
1344	LCE	Redacted	Redacted	2026	4	0	Redacted		development	4	Redacted
1345	LCE	Redacted	Redacted	2026	5	0	Redacted		development	4	Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1319	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1320	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1321	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1322	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1323	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1324	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1325	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1326	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1327	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1328	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1329	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1330	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1331	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1332	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1333	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1334	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1335	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1336	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1337	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1338	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1339	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1340	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1341	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1342	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1343	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1344	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1345	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1319	Redacted	ok	new_generic	0	1
1320	Redacted	ok	new_generic	0	1
1321	Redacted	ok	new_generic	0	1
1322	Redacted	ok	new_generic	0	1
1323	Redacted	ok	new_generic	0	1
1324	Redacted	ok	new_generic	0	1
1325	Redacted	ok	new_generic	0	1
1326	Redacted	ok	new_generic	0	1
1327	Redacted	ok	new_generic	0	1
1328	Redacted	ok	new_generic	0	1
1329	Redacted	ok	new_generic	0	1
1330	Redacted	ok	new_generic	0	1
1331	Redacted	ok	new_generic	0	1
1332	Redacted	ok	new_generic	0	1
1333	Redacted	ok	new_generic	0	1
1334	Redacted	ok	new_generic	0	1
1335	Redacted	ok	new_generic	0	1
1336	Redacted	ok	new_generic	0	1
1337	Redacted	ok	new_generic	0	1
1338	Redacted	ok	new_generic	0	1
1339	Redacted	ok	new_generic	0	1
1340	Redacted	ok	new_generic	0	1
1341	Redacted	ok	new_generic	0	1
1342	Redacted	ok	new_generic	0	1
1343	Redacted	ok	new_generic	0	1
1344	Redacted	ok	new_generic	0	1
1345	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1346	LCE	Redacted	Redacted	2026	6	0	Redacted		development	4	Redacted
1347	LCE	Redacted	Redacted	2026	7	0	Redacted		development	4	Redacted
1348	LCE	Redacted	Redacted	2026	8	0	Redacted		development	4	Redacted
1349	LCE	Redacted	Redacted	2026	9	0	Redacted		development	4	Redacted
1350	LCE	Redacted	Redacted	2026	10	0	Redacted		development	4	Redacted
1351	LCE	Redacted	Redacted	2026	11	0	Redacted		development	4	Redacted
1352	LCE	Redacted	Redacted	2026	12	0	Redacted		development	4	Redacted
1353	LCE	Redacted	Redacted	2027	1	0	Redacted		development	4	Redacted
1354	LCE	Redacted	Redacted	2027	2	0	Redacted		development	4	Redacted
1355	LCE	Redacted	Redacted	2027	3	0	Redacted		development	4	Redacted
1356	LCE	Redacted	Redacted	2027	4	0	Redacted		development	4	Redacted
1357	LCE	Redacted	Redacted	2027	5	0	Redacted		development	4	Redacted
1358	LCE	Redacted	Redacted	2027	6	0	Redacted		development	4	Redacted
1359	LCE	Redacted	Redacted	2027	7	0	Redacted		development	4	Redacted
1360	LCE	Redacted	Redacted	2027	8	0	Redacted		development	4	Redacted
1361	LCE	Redacted	Redacted	2027	9	0	Redacted		development	4	Redacted
1362	LCE	Redacted	Redacted	2027	10	0	Redacted		development	4	Redacted
1363	LCE	Redacted	Redacted	2027	11	0	Redacted		development	4	Redacted
1364	LCE	Redacted	Redacted	2027	12	0	Redacted		development	4	Redacted
1365	LCE	Redacted	Redacted	2028	1	0	Redacted		development	4	Redacted
1366	LCE	Redacted	Redacted	2028	2	0	Redacted		development	4	Redacted
1367	LCE	Redacted	Redacted	2028	3	0	Redacted		development	4	Redacted
1368	LCE	Redacted	Redacted	2028	4	0	Redacted		development	4	Redacted
1369	LCE	Redacted	Redacted	2028	5	0	Redacted		development	4	Redacted
1370	LCE	Redacted	Redacted	2028	6	0	Redacted		development	4	Redacted
1371	LCE	Redacted	Redacted	2028	7	0	Redacted		development	4	Redacted
1372	LCE	Redacted	Redacted	2028	8	0	Redacted		development	4	Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1346	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1347	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1348	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1349	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1350	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1351	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1352	Redacted	Redacted	0	Redacted	Redacted	1	1	#N/A
1353	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	#N/A
1354	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	#N/A
1355	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	#N/A
1356	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	#N/A
1357	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	#N/A
1358	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	#N/A
1359	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	#N/A
1360	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	#N/A
1361	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	#N/A
1362	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	#N/A
1363	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	#N/A
1364	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	#N/A
1365	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	#N/A
1366	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	#N/A
1367	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	#N/A
1368	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	#N/A
1369	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	#N/A
1370	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	#N/A
1371	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	#N/A
1372	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1346	Redacted	ok	new_generic	0	1
1347	Redacted	ok	new_generic	0	1
1348	Redacted	ok	new_generic	0	1
1349	Redacted	ok	new_generic	0	1
1350	Redacted	ok	new_generic	0	1
1351	Redacted	ok	new_generic	0	1
1352	Redacted	ok	new_generic	0	1
1353	Redacted	ok	new_generic	0	1
1354	Redacted	ok	new_generic	0	1
1355	Redacted	ok	new_generic	0	1
1356	Redacted	ok	new_generic	0	1
1357	Redacted	ok	new_generic	0	1
1358	Redacted	ok	new_generic	0	1
1359	Redacted	ok	new_generic	0	1
1360	Redacted	ok	new_generic	0	1
1361	Redacted	ok	new_generic	0	1
1362	Redacted	ok	new_generic	0	1
1363	Redacted	ok	new_generic	0	1
1364	Redacted	ok	new_generic	0	1
1365	Redacted	ok	new_generic	0	1
1366	Redacted	ok	new_generic	0	1
1367	Redacted	ok	new_generic	0	1
1368	Redacted	ok	new_generic	0	1
1369	Redacted	ok	new_generic	0	1
1370	Redacted	ok	new_generic	0	1
1371	Redacted	ok	new_generic	0	1
1372	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1373	LCE	Redacted	Redacted	2028	9	0	Redacted		development	4	Redacted
1374	LCE	Redacted	Redacted	2028	10	0	Redacted		development	4	Redacted
1375	LCE	Redacted	Redacted	2028	11	0	Redacted		development	4	Redacted
1376	LCE	Redacted	Redacted	2028	12	0	Redacted		development	4	Redacted
1377	LCE	Redacted	Redacted	2029	1	0	Redacted		development	4	Redacted
1378	LCE	Redacted	Redacted	2029	2	0	Redacted		development	4	Redacted
1379	LCE	Redacted	Redacted	2029	3	0	Redacted		development	4	Redacted
1380	LCE	Redacted	Redacted	2029	4	0	Redacted		development	4	Redacted
1381	LCE	Redacted	Redacted	2029	5	0	Redacted		development	4	Redacted
1382	LCE	Redacted	Redacted	2029	6	0	Redacted		development	4	Redacted
1383	LCE	Redacted	Redacted	2029	7	0	Redacted		development	4	Redacted
1384	LCE	Redacted	Redacted	2029	8	0	Redacted		development	4	Redacted
1385	LCE	Redacted	Redacted	2029	9	0	Redacted		development	4	Redacted
1386	LCE	Redacted	Redacted	2029	10	0	Redacted		development	4	Redacted
1387	LCE	Redacted	Redacted	2029	11	0	Redacted		development	4	Redacted
1388	LCE	Redacted	Redacted	2029	12	0	Redacted		development	4	Redacted
1389	LCE	Redacted	Redacted	2030	1	0	Redacted		development	4	Redacted
1390	LCE	Redacted	Redacted	2030	2	0	Redacted		development	4	Redacted
1391	LCE	Redacted	Redacted	2030	3	0	Redacted		development	4	Redacted
1392	LCE	Redacted	Redacted	2030	4	0	Redacted		development	4	Redacted
1393	LCE	Redacted	Redacted	2030	5	0	Redacted		development	4	Redacted
1394	LCE	Redacted	Redacted	2030	6	0	Redacted		development	4	Redacted
1395	LCE	Redacted	Redacted	2030	7	0	Redacted		development	4	Redacted
1396	LCE	Redacted	Redacted	2030	8	0	Redacted		development	4	Redacted
1397	LCE	Redacted	Redacted	2030	9	0	Redacted		development	4	Redacted
1398	LCE	Redacted	Redacted	2030	10	0	Redacted		development	4	Redacted
1399	LCE	Redacted	Redacted	2030	11	0	Redacted		development	4	Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1373	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	#N/A
1374	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	#N/A
1375	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	#N/A
1376	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	#N/A
1377	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	#N/A
1378	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	#N/A
1379	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	#N/A
1380	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	#N/A
1381	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	#N/A
1382	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	#N/A
1383	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	#N/A
1384	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	#N/A
1385	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	#N/A
1386	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	#N/A
1387	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	#N/A
1388	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	#N/A
1389	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	#N/A
1390	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	#N/A
1391	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	#N/A
1392	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	#N/A
1393	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	#N/A
1394	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	#N/A
1395	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	#N/A
1396	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	#N/A
1397	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	#N/A
1398	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	#N/A
1399	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1373	Redacted	ok	new_generic	0	1
1374	Redacted	ok	new_generic	0	1
1375	Redacted	ok	new_generic	0	1
1376	Redacted	ok	new_generic	0	1
1377	Redacted	ok	new_generic	0	1
1378	Redacted	ok	new_generic	0	1
1379	Redacted	ok	new_generic	0	1
1380	Redacted	ok	new_generic	0	1
1381	Redacted	ok	new_generic	0	1
1382	Redacted	ok	new_generic	0	1
1383	Redacted	ok	new_generic	0	1
1384	Redacted	ok	new_generic	0	1
1385	Redacted	ok	new_generic	0	1
1386	Redacted	ok	new_generic	0	1
1387	Redacted	ok	new_generic	0	1
1388	Redacted	ok	new_generic	0	1
1389	Redacted	ok	new_generic	0	1
1390	Redacted	ok	new_generic	0	1
1391	Redacted	ok	new_generic	0	1
1392	Redacted	ok	new_generic	0	1
1393	Redacted	ok	new_generic	0	1
1394	Redacted	ok	new_generic	0	1
1395	Redacted	ok	new_generic	0	1
1396	Redacted	ok	new_generic	0	1
1397	Redacted	ok	new_generic	0	1
1398	Redacted	ok	new_generic	0	1
1399	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**
1373	Redacted	0	0	1	1	1	1	1	1	1	1
1374	Redacted	0	0	1	1	1	1	1	1	1	1
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	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1400	LCE	Redacted	Redacted	2030	12	0	Redacted		development	4	Redacted
1401	LCE	MORWD_6_QF	1843 AZUSA_RA_2_SS_LCE	2020	7	0	Redacted		online		Redacted
1402	LCE	WSTWND_2_M89WD1	1843 AZUSA_RA_2_SS_LCE	2020	7	0	Redacted		online		Redacted
1403	LCE	Redacted	Redacted	2020	7	0	Redacted		online		Redacted
1404	LCE	Redacted	Redacted	2020	7	0	Redacted		online		Redacted
1405	LCE	Redacted	Redacted	2020	7	0	Redacted		online		Redacted
1406	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1407	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1408	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1409	LCE	Redacted	Redacted	2020	10	0	Redacted		online		Redacted
1410	LCE	Redacted	Redacted	2020	10	0	Redacted		online		Redacted
1411	LCE	Redacted	Redacted	2020	10	0	Redacted		online		Redacted
1412	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1413	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1414	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1415	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1416	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1417	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1418	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1419	LCE	transfer_sale	1858 AVCE_RA_4_SS_LCE	2020	8	0	Redacted		online		Redacted
1420	LCE	transfer_sale	1859 RMEA_RA_4_SS_LCE	2020	8	0	Redacted		online		Redacted
1421	LCE	transfer_sale	1867 PRIME_RA_3_SS_LCE	2020	8	0	Redacted		online		Redacted
1422	LCE	transfer_sale	1868 SJP_RA_3_SS_LCE	2020	8	0	Redacted		online		Redacted
1423	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online		Redacted
1424	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online		Redacted
1425	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online		Redacted
1426	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1400	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	#N/A
1401	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_7	0.23	1	#N/A
1402	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_7	0.23	1	#N/A
1403	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1404	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1405	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1406	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1407	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1408	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1409	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1410	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1411	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1412	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1413	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1414	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1415	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1416	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1417	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1418	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1419	Redacted	transfer_sale	1	unknown	unknown_2020_8	0	1	#N/A
1420	Redacted	transfer_sale	1	unknown	unknown_2020_8	0	1	#N/A
1421	Redacted	transfer_sale	1	unknown	unknown_2020_8	0	1	#N/A
1422	Redacted	transfer_sale	1	unknown	unknown_2020_8	0	1	#N/A
1423	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0	1	#N/A
1424	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0	1	#N/A
1425	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0	1	#N/A
1426	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1400	Redacted	ok	new_generic	0	1
1401	Redacted	ok	physical	0	0
1402	Redacted	ok	physical	0	0
1403	Redacted	ok	special	0	1
1404	Redacted	ok	special	0	1
1405	Redacted	ok	special	0	1
1406	Redacted	ok	specified_imports	0	1
1407	Redacted	ok	specified_imports	0	1
1408	Redacted	ok	specified_imports	0	1
1409	Redacted	ok	specified_imports	0	1
1410	Redacted	ok	specified_imports	0	1
1411	Redacted	ok	specified_imports	0	1
1412	Redacted	ok	specified_imports	0	1
1413	Redacted	ok	special	0	1
1414	Redacted	ok	special	0	1
1415	Redacted	ok	special	0	1
1416	Redacted	ok	special	0	1
1417	Redacted	ok	special	0	1
1418	Redacted	ok	special	0	1
1419	Redacted	ok	special	0	0
1420	Redacted	ok	special	0	0
1421	Redacted	ok	special	0	0
1422	Redacted	ok	special	0	0
1423	Redacted	ok	special	0	0
1424	Redacted	ok	special	0	0
1425	Redacted	ok	special	0	0
1426	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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1427	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online		Redacted
1428	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online		Redacted
1429	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online		Redacted
1430	LCE	transfer_purchase	1874 SANJOSE_RA_1_SS_LCE	2020	8	0	Redacted		online		Redacted
1431	LCE	MORWD_6_QF	1920 EDFTNA_RA_1_SS_LCE	2020	10	0	Redacted		online		Redacted
1432	LCE	WSTWND_2_M89WD1	1923 EXELON_RA_1_SS_LCE	2020	9	0	Redacted		online		Redacted
1433	LCE	transfer_sale	1924 SCP_RA_1_SS_LCE	2020	8	0	Redacted		online		Redacted
1434	LCE	transfer_sale	1924 SCP_RA_1_SS_LCE	2020	8	0	Redacted		online		Redacted
1435	LCE	transfer_sale	1924 SCP_RA_1_SS_LCE	2020	8	0	Redacted		online		Redacted
1436	LCE	transfer_sale	1924 SCP_RA_1_SS_LCE	2020	8	0	Redacted		online		Redacted
1437	LCE	LEBECS_2_UNITS	1931 EDFTNA_RA_2_SS_LCE	2020	6	0	Redacted		online		Redacted
1438	LCE	LEBECS_2_UNITS	1931 EDFTNA_RA_2_SS_LCE	2020	6	0	Redacted		online		Redacted
1439	LCE	LEBECS_2_UNITS	1931 EDFTNA_RA_2_SS_LCE	2020	6	0	Redacted		online		Redacted
1440	LCE	MORWD_6_QF	1932 EDFTNA_RA_2a_SS_LCE	2020	6	0	Redacted		online		Redacted
1441	LCE	MORWD_6_QF	1932 EDFTNA_RA_2a_SS_LCE	2020	6	0	Redacted		online		Redacted
1442	LCE	MORWD_6_QF	1932 EDFTNA_RA_2a_SS_LCE	2020	6	0	Redacted		online		Redacted
1443	LCE	WSTWND_2_M89WD1	1933 EDFTNA_RA_2b_SS_LCE	2020	6	0	Redacted		online		Redacted
1444	LCE	WSTWND_2_M89WD1	1933 EDFTNA_RA_2b_SS_LCE	2020	6	0	Redacted		online		Redacted
1445	LCE	WSTWND_2_M89WD1	1933 EDFTNA_RA_2b_SS_LCE	2020	6	0	Redacted		online		Redacted
1446	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	1	0	Redacted		online		Redacted
1447	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	2	0	Redacted		online		Redacted
1448	LCE	WSTWND_2_M89WD1	1950 BANNING_RA_1_SS_LCE	2021	2	0	Redacted		online		Redacted
1449	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	3	0	Redacted		online		Redacted
1450	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	4	0	Redacted		online		Redacted
1451	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	5	0	Redacted		online		Redacted
1452	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	6	0	Redacted		online		Redacted
1453	LCE	WSTWND_2_M89WD1	1950 BANNING_RA_1_SS_LCE	2021	6	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1427	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0	1	#N/A
1428	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0	1	#N/A
1429	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0	1	#N/A
1430	Redacted	transfer_purchase	1	unknown	unknown_2020_8	0	1	#N/A
1431	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_10	0.08	1	#N/A
1432	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_9	0.15	1	#N/A
1433	Redacted	transfer_sale	1	unknown	unknown_2020_8	0	1	#N/A
1434	Redacted	transfer_sale	1	unknown	unknown_2020_8	0	1	#N/A
1435	Redacted	transfer_sale	1	unknown	unknown_2020_8	0	1	#N/A
1436	Redacted	transfer_sale	1	unknown	unknown_2020_8	0	1	#N/A
1437	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_6	1	1	#N/A
1438	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_6	1	1	#N/A
1439	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_6	1	1	#N/A
1440	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	0.33	1	#N/A
1441	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	0.33	1	#N/A
1442	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	0.33	1	#N/A
1443	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	0.33	1	#N/A
1444	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	0.33	1	#N/A
1445	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_6	0.33	1	#N/A
1446	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_1	0.14	1	#N/A
1447	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_2	0.12	1	#N/A
1448	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_2	0.12	1	#N/A
1449	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_3	0.28	1	#N/A
1450	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_4	0.25	1	#N/A
1451	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_5	0.25	1	#N/A
1452	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_6	0.33	1	#N/A
1453	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_6	0.33	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1427	Redacted	ok	special	0	0
1428	Redacted	ok	special	0	0
1429	Redacted	ok	special	0	0
1430	Redacted	ok	special	0	0
1431	Redacted	ok	physical	0	0
1432	Redacted	ok	physical	0	0
1433	Redacted	ok	special	0	0
1434	Redacted	ok	special	0	0
1435	Redacted	ok	special	0	0
1436	Redacted	ok	special	0	0
1437	Redacted	ok	physical	0	0
1438	Redacted	ok	physical	0	0
1439	Redacted	ok	physical	0	0
1440	Redacted	ok	physical	0	0
1441	Redacted	ok	physical	0	0
1442	Redacted	ok	physical	0	0
1443	Redacted	ok	physical	0	0
1444	Redacted	ok	physical	0	0
1445	Redacted	ok	physical	0	0
1446	Redacted	ok	physical	0	0
1447	Redacted	ok	physical	0	0
1448	Redacted	ok	physical	0	0
1449	Redacted	ok	physical	0	0
1450	Redacted	ok	physical	0	0
1451	Redacted	ok	physical	0	0
1452	Redacted	ok	physical	0	0
1453	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1454	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	11	0	Redacted		online		Redacted
1455	LCE	WSTWND_2_M89WD1	1950 BANNING_RA_1_SS_LCE	2021	11	0	Redacted		online		Redacted
1456	LCE	MORWD_6_QF	1950 BANNING_RA_1_SS_LCE	2021	12	0	Redacted		online		Redacted
1457	LCE	WSTWND_2_M89WD1	1950 BANNING_RA_1_SS_LCE	2021	12	0	Redacted		online		Redacted
1458	LCE	LEBECS_2_UNITS	1964 TEA_RA_1_SS_LCE	2020	9	0	Redacted		online		Redacted
1459	LCE	transfer_sale	1972 DIRECT_RA_1_SS_LCE	2020	9	0	Redacted		online		Redacted
1460	LCE	transfer_sale	1977 AVCE_RA_1_SS_LCE	2020	9	0	Redacted		online		Redacted
1461	LCE	VSTAES_6_VESBT1	1984 AZUSA_RA_3_SS_LCE	2021	4	0	Redacted		online		Redacted
1462	LCE	existing_generic_battery_storage	1984 AZUSA_RA_3_SS_LCE	2021	4	0	Redacted		online		Redacted
1463	LCE	HIDSRT_2_UNITS	1984 AZUSA_RA_3_SS_LCE	2021	6	0	Redacted		online		Redacted
1464	LCE	VSTAES_6_VESBT1	1984 AZUSA_RA_3_SS_LCE	2021	6	0	Redacted		online		Redacted
1465	LCE	existing_generic_battery_storage	1984 AZUSA_RA_3_SS_LCE	2021	6	0	Redacted		online		Redacted
1466	LCE	HIDSRT_2_UNITS	1984 AZUSA_RA_3_SS_LCE	2021	10	0	Redacted		online		Redacted
1467	LCE	VSTAES_6_VESBT1	1984 AZUSA_RA_3_SS_LCE	2021	10	0	Redacted		online		Redacted
1468	LCE	existing_generic_battery_storage	1984 AZUSA_RA_3_SS_LCE	2021	10	0	Redacted		online		Redacted
1469	LCE	LEBECS_2_UNITS	1986 CONOCO_RA_1_SS_LCE	2020	10	0	Redacted		online		Redacted
1470	LCE	existing_generic_battery_storage	1986 CONOCO_RA_1_SS_LCE	2020	10	0	Redacted		online		Redacted
1471	LCE	ESCNDO_6_UNITB1	2013 CALPINE_RA_14_SS_LCE	2020	10	0	Redacted		online		Redacted
1472	LCE	VSTAES_6_VESBT1	2014 CALPINE_RA_15_SS_LCE	2020	10	0	Redacted		online		Redacted
1473	LCE	existing_generic_battery_storage	2015 CALPINE_RA_16_SS_LCE	2020	10	0	Redacted		online		Redacted
1474	LCE	WSTWND_2_M89WD1	2016 CALPINE_RA_17_SS_LCE	2020	10	0	Redacted		online		Redacted
1475	LCE	unspecified_import	2017 VALLEY_RA_1_SS_LCE	2020	10	0	Redacted		online		Redacted
1476	LCE	unspecified_import	2018 TEA_RA_2_SS_LCE	2020	10	0	Redacted		online		Redacted
1477	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	1	0	Redacted		online		Redacted
1478	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	2	0	Redacted		online		Redacted
1479	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	3	0	Redacted		online		Redacted
1480	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	4	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1454	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_11	0.12	1	#N/A
1455	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_11	0.12	1	#N/A
1456	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_12	0.13	1	#N/A
1457	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2021_12	0.13	1	#N/A
1458	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_9	1	1	#N/A
1459	Redacted	transfer_sale	1	unknown	unknown_2020_9	0	1	#N/A
1460	Redacted	transfer_sale	1	unknown	unknown_2020_9	0	1	#N/A
1461	Redacted	CAISO_Li_Battery	1	battery	battery_2021_4	1	0	#N/A
1462	Redacted	CAISO_Battery	1	battery	battery_2021_4	1	0	#N/A
1463	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_6	1	1	#N/A
1464	Redacted	CAISO_Li_Battery	1	battery	battery_2021_6	1	0	#N/A
1465	Redacted	CAISO_Battery	1	battery	battery_2021_6	1	0	#N/A
1466	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_10	1	1	#N/A
1467	Redacted	CAISO_Li_Battery	1	battery	battery_2021_10	1	0	#N/A
1468	Redacted	CAISO_Battery	1	battery	battery_2021_10	1	0	#N/A
1469	Redacted	CAISO_CCGT1	1	thermal	thermal_2020_10	1	1	#N/A
1470	Redacted	CAISO_Battery	1	battery	battery_2020_10	1	0	#N/A
1471	Redacted	CAISO_Peaker2	1	thermal	thermal_2020_10	1	1	#N/A
1472	Redacted	CAISO_Li_Battery	1	battery	battery_2020_10	1	0	#N/A
1473	Redacted	CAISO_Battery	1	battery	battery_2020_10	1	0	#N/A
1474	Redacted	CAISO_Wind	1	wind_low_cf	wind_low_cf_2020_10	0.08	1	#N/A
1475	Redacted	unspecified_import	1	unknown	unknown_2020_10	0	1	#N/A
1476	Redacted	unspecified_import	1	unknown	unknown_2020_10	0	1	#N/A
1477	Redacted	transfer_sale	1	unknown	unknown_2021_1	0	1	#N/A
1478	Redacted	transfer_sale	1	unknown	unknown_2021_2	0	1	#N/A
1479	Redacted	transfer_sale	1	unknown	unknown_2021_3	0	1	#N/A
1480	Redacted	transfer_sale	1	unknown	unknown_2021_4	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1454	Redacted	ok	physical	0	0
1455	Redacted	ok	physical	0	0
1456	Redacted	ok	physical	0	0
1457	Redacted	ok	physical	0	0
1458	Redacted	ok	physical	0	0
1459	Redacted	ok	special	0	0
1460	Redacted	ok	special	0	0
1461	Redacted	ok	physical	0	0
1462	Redacted	ok	existing_generic	0	0
1463	Redacted	ok	physical	0	0
1464	Redacted	ok	physical	0	0
1465	Redacted	ok	existing_generic	0	0
1466	Redacted	ok	physical	0	0
1467	Redacted	ok	physical	0	0
1468	Redacted	ok	existing_generic	0	0
1469	Redacted	ok	physical	0	0
1470	Redacted	ok	existing_generic	0	0
1471	Redacted	ok	physical	0	0
1472	Redacted	ok	physical	0	0
1473	Redacted	ok	existing_generic	0	0
1474	Redacted	ok	physical	0	0
1475	Redacted	ok	special	0	0
1476	Redacted	ok	special	0	0
1477	Redacted	ok	special	0	0
1478	Redacted	ok	special	0	0
1479	Redacted	ok	special	0	0
1480	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1481	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	5	0	Redacted		online		Redacted
1482	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	6	0	Redacted		online		Redacted
1483	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	7	0	Redacted		online		Redacted
1484	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	8	0	Redacted		online		Redacted
1485	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	9	0	Redacted		online		Redacted
1486	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	10	0	Redacted		online		Redacted
1487	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	11	0	Redacted		online		Redacted
1488	LCE	transfer_sale	2028 MCE_RA_5_BAF_LCE	2021	12	0	Redacted		online		Redacted
1489	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	1	0	Redacted		online		Redacted
1490	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	2	0	Redacted		online		Redacted
1491	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	3	0	Redacted		online		Redacted
1492	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	4	0	Redacted		online		Redacted
1493	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	5	0	Redacted		online		Redacted
1494	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	6	0	Redacted		online		Redacted
1495	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	7	0	Redacted		online		Redacted
1496	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	8	0	Redacted		online		Redacted
1497	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	9	0	Redacted		online		Redacted
1498	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	10	0	Redacted		online		Redacted
1499	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	11	0	Redacted		online		Redacted
1500	LCE	DELTA_2_PL1X4	2038 CALPINE_RA_18_NSF_LCE	2021	12	0	Redacted		online		Redacted
1501	LCE	Redacted	Redacted	2021	1	0	Redacted		online		Redacted
1502	LCE	Redacted	Redacted	2021	2	0	Redacted		online		Redacted
1503	LCE	Redacted	Redacted	2021	3	0	Redacted		online		Redacted
1504	LCE	Redacted	Redacted	2021	4	0	Redacted		online		Redacted
1505	LCE	Redacted	Redacted	2021	5	0	Redacted		online		Redacted
1506	LCE	Redacted	Redacted	2021	6	0	Redacted		online		Redacted
1507	LCE	Redacted	Redacted	2021	7	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1481	Redacted	transfer_sale	1	unknown	unknown_2021_5	0	1	#N/A
1482	Redacted	transfer_sale	1	unknown	unknown_2021_6	0	1	#N/A
1483	Redacted	transfer_sale	1	unknown	unknown_2021_7	0	1	#N/A
1484	Redacted	transfer_sale	1	unknown	unknown_2021_8	0	1	#N/A
1485	Redacted	transfer_sale	1	unknown	unknown_2021_9	0	1	#N/A
1486	Redacted	transfer_sale	1	unknown	unknown_2021_10	0	1	#N/A
1487	Redacted	transfer_sale	1	unknown	unknown_2021_11	0	1	#N/A
1488	Redacted	transfer_sale	1	unknown	unknown_2021_12	0	1	#N/A
1489	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_1	1	1	#N/A
1490	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_2	1	1	#N/A
1491	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_3	1	1	#N/A
1492	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_4	1	1	#N/A
1493	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_5	1	1	#N/A
1494	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_6	1	1	#N/A
1495	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_7	1	1	#N/A
1496	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_8	1	1	#N/A
1497	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_9	1	1	#N/A
1498	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_10	1	1	#N/A
1499	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_11	1	1	#N/A
1500	Redacted	CAISO_CCGT1	1	thermal	thermal_2021_12	1	1	#N/A
1501	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1502	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1503	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1504	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1505	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1506	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1507	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1481	Redacted	ok	special	0	0
1482	Redacted	ok	special	0	0
1483	Redacted	ok	special	0	0
1484	Redacted	ok	special	0	0
1485	Redacted	ok	special	0	0
1486	Redacted	ok	special	0	0
1487	Redacted	ok	special	0	0
1488	Redacted	ok	special	0	0
1489	Redacted	ok	physical	0	0
1490	Redacted	ok	physical	0	0
1491	Redacted	ok	physical	0	0
1492	Redacted	ok	physical	0	0
1493	Redacted	ok	physical	0	0
1494	Redacted	ok	physical	0	0
1495	Redacted	ok	physical	0	0
1496	Redacted	ok	physical	0	0
1497	Redacted	ok	physical	0	0
1498	Redacted	ok	physical	0	0
1499	Redacted	ok	physical	0	0
1500	Redacted	ok	physical	0	0
1501	Redacted	ok	physical	0	1
1502	Redacted	ok	physical	0	1
1503	Redacted	ok	physical	0	1
1504	Redacted	ok	physical	0	1
1505	Redacted	ok	physical	0	1
1506	Redacted	ok	physical	0	1
1507	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1508	LCE	Redacted	Redacted	2021	8	0	Redacted		online		Redacted
1509	LCE	Redacted	Redacted	2021	9	0	Redacted		online		Redacted
1510	LCE	Redacted	Redacted	2021	10	0	Redacted		online		Redacted
1511	LCE	Redacted	Redacted	2021	11	0	Redacted		online		Redacted
1512	LCE	Redacted	Redacted	2021	12	0	Redacted		online		Redacted
1513	LCE	Redacted	Redacted	2021	1	0	Redacted		online		Redacted
1514	LCE	Redacted	Redacted	2021	2	0	Redacted		online		Redacted
1515	LCE	Redacted	Redacted	2021	3	0	Redacted		online		Redacted
1516	LCE	Redacted	Redacted	2021	4	0	Redacted		online		Redacted
1517	LCE	Redacted	Redacted	2021	5	0	Redacted		online		Redacted
1518	LCE	Redacted	Redacted	2021	6	0	Redacted		online		Redacted
1519	LCE	Redacted	Redacted	2021	7	0	Redacted		online		Redacted
1520	LCE	Redacted	Redacted	2021	8	0	Redacted		online		Redacted
1521	LCE	Redacted	Redacted	2021	9	0	Redacted		online		Redacted
1522	LCE	Redacted	Redacted	2021	10	0	Redacted		online		Redacted
1523	LCE	Redacted	Redacted	2021	11	0	Redacted		online		Redacted
1524	LCE	Redacted	Redacted	2021	12	0	Redacted		online		Redacted
1525	LCE	Redacted	Redacted	2020	1	0	Redacted		online		Redacted
1526	LCE	Redacted	Redacted	2020	2	0	Redacted		online		Redacted
1527	LCE	Redacted	Redacted	2020	3	0	Redacted		online		Redacted
1528	LCE	Redacted	Redacted	2020	4	0	Redacted		online		Redacted
1529	LCE	Redacted	Redacted	2020	5	0	Redacted		online		Redacted
1530	LCE	Redacted	Redacted	2020	6	0	Redacted		online		Redacted
1531	LCE	Redacted	Redacted	2020	7	0	Redacted		online		Redacted
1532	LCE	Redacted	Redacted	2020	8	0	Redacted		online		Redacted
1533	LCE	Redacted	Redacted	2020	9	0	Redacted		online		Redacted
1534	LCE	Redacted	Redacted	2020	10	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1508	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1509	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1510	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1511	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1512	Redacted	Redacted	1	Redacted	Redacted	1	1	#N/A
1513	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1514	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1515	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1516	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1517	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1518	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1519	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1520	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1521	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1522	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1523	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1524	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1525	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1526	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1527	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1528	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1529	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1530	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1531	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1532	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1533	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1534	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1508	Redacted	ok	physical	0	1
1509	Redacted	ok	physical	0	1
1510	Redacted	ok	physical	0	1
1511	Redacted	ok	physical	0	1
1512	Redacted	ok	physical	0	1
1513	Redacted	ok	special	0	1
1514	Redacted	ok	special	0	1
1515	Redacted	ok	special	0	1
1516	Redacted	ok	special	0	1
1517	Redacted	ok	special	0	1
1518	Redacted	ok	special	0	1
1519	Redacted	ok	special	0	1
1520	Redacted	ok	special	0	1
1521	Redacted	ok	special	0	1
1522	Redacted	ok	special	0	1
1523	Redacted	ok	special	0	1
1524	Redacted	ok	special	0	1
1525	Redacted	ok	special	0	1
1526	Redacted	ok	special	0	1
1527	Redacted	ok	special	0	1
1528	Redacted	ok	special	0	1
1529	Redacted	ok	special	0	1
1530	Redacted	ok	special	0	1
1531	Redacted	ok	special	0	1
1532	Redacted	ok	special	0	1
1533	Redacted	ok	special	0	1
1534	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1535	LCE	Redacted	Redacted	2020	11	0	Redacted		online		Redacted
1536	LCE	Redacted	Redacted	2020	12	0	Redacted		online		Redacted
1537	LCE	Redacted	Redacted	2021	1	0	Redacted		online		Redacted
1538	LCE	Redacted	Redacted	2021	2	0	Redacted		online		Redacted
1539	LCE	Redacted	Redacted	2021	3	0	Redacted		online		Redacted
1540	LCE	Redacted	Redacted	2021	4	0	Redacted		online		Redacted
1541	LCE	Redacted	Redacted	2021	5	0	Redacted		online		Redacted
1542	LCE	Redacted	Redacted	2021	6	0	Redacted		online		Redacted
1543	LCE	Redacted	Redacted	2021	7	0	Redacted		online		Redacted
1544	LCE	Redacted	Redacted	2021	8	0	Redacted		online		Redacted
1545	LCE	Redacted	Redacted	2021	9	0	Redacted		online		Redacted
1546	LCE	Redacted	Redacted	2021	10	0	Redacted		online		Redacted
1547	LCE	Redacted	Redacted	2021	11	0	Redacted		online		Redacted
1548	LCE	Redacted	Redacted	2021	12	0	Redacted		online		Redacted
1549	LCE	Redacted	Redacted	2022	1	0	Redacted		online		Redacted
1550	LCE	Redacted	Redacted	2022	2	0	Redacted		online		Redacted
1551	LCE	Redacted	Redacted	2022	3	0	Redacted		online		Redacted
1552	LCE	Redacted	Redacted	2022	4	0	Redacted		online		Redacted
1553	LCE	Redacted	Redacted	2022	5	0	Redacted		online		Redacted
1554	LCE	Redacted	Redacted	2022	6	0	Redacted		online		Redacted
1555	LCE	Redacted	Redacted	2022	7	0	Redacted		online		Redacted
1556	LCE	Redacted	Redacted	2022	8	0	Redacted		online		Redacted
1557	LCE	Redacted	Redacted	2022	9	0	Redacted		online		Redacted
1558	LCE	Redacted	Redacted	2022	10	0	Redacted		online		Redacted
1559	LCE	Redacted	Redacted	2022	11	0	Redacted		online		Redacted
1560	LCE	Redacted	Redacted	2022	12	0	Redacted		online		Redacted
1561	LCE	Redacted	Redacted	2023	1	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1535	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1536	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1537	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1538	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1539	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1540	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1541	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1542	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1543	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1544	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1545	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1546	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1547	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1548	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1549	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1550	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1551	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1552	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1553	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1554	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1555	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1556	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1557	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1558	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1559	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1560	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1561	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1535	Redacted	ok	special	0	1
1536	Redacted	ok	special	0	1
1537	Redacted	ok	special	0	1
1538	Redacted	ok	special	0	1
1539	Redacted	ok	special	0	1
1540	Redacted	ok	special	0	1
1541	Redacted	ok	special	0	1
1542	Redacted	ok	special	0	1
1543	Redacted	ok	special	0	1
1544	Redacted	ok	special	0	1
1545	Redacted	ok	special	0	1
1546	Redacted	ok	special	0	1
1547	Redacted	ok	special	0	1
1548	Redacted	ok	special	0	1
1549	Redacted	ok	special	0	1
1550	Redacted	ok	special	0	1
1551	Redacted	ok	special	0	1
1552	Redacted	ok	special	0	1
1553	Redacted	ok	special	0	1
1554	Redacted	ok	special	0	1
1555	Redacted	ok	special	0	1
1556	Redacted	ok	special	0	1
1557	Redacted	ok	special	0	1
1558	Redacted	ok	special	0	1
1559	Redacted	ok	special	0	1
1560	Redacted	ok	special	0	1
1561	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1562	LCE	Redacted	Redacted	2023	2	0	Redacted		online		Redacted
1563	LCE	Redacted	Redacted	2023	3	0	Redacted		online		Redacted
1564	LCE	Redacted	Redacted	2023	4	0	Redacted		online		Redacted
1565	LCE	Redacted	Redacted	2023	5	0	Redacted		online		Redacted
1566	LCE	Redacted	Redacted	2023	6	0	Redacted		online		Redacted
1567	LCE	Redacted	Redacted	2023	7	0	Redacted		online		Redacted
1568	LCE	Redacted	Redacted	2023	8	0	Redacted		online		Redacted
1569	LCE	Redacted	Redacted	2023	9	0	Redacted		online		Redacted
1570	LCE	Redacted	Redacted	2023	10	0	Redacted		online		Redacted
1571	LCE	Redacted	Redacted	2023	11	0	Redacted		online		Redacted
1572	LCE	Redacted	Redacted	2023	12	0	Redacted		online		Redacted
1573	LCE	Redacted	Redacted	2024	1	0	Redacted		online		Redacted
1574	LCE	Redacted	Redacted	2024	2	0	Redacted		online		Redacted
1575	LCE	Redacted	Redacted	2024	3	0	Redacted		online		Redacted
1576	LCE	Redacted	Redacted	2024	4	0	Redacted		online		Redacted
1577	LCE	Redacted	Redacted	2024	5	0	Redacted		online		Redacted
1578	LCE	Redacted	Redacted	2024	6	0	Redacted		online		Redacted
1579	LCE	Redacted	Redacted	2024	7	0	Redacted		online		Redacted
1580	LCE	Redacted	Redacted	2024	8	0	Redacted		online		Redacted
1581	LCE	Redacted	Redacted	2024	9	0	Redacted		online		Redacted
1582	LCE	Redacted	Redacted	2024	10	0	Redacted		online		Redacted
1583	LCE	Redacted	Redacted	2024	11	0	Redacted		online		Redacted
1584	LCE	Redacted	Redacted	2024	12	0	Redacted		online		Redacted
1585	LCE	Redacted	Redacted	2025	1	0	Redacted		online		Redacted
1586	LCE	Redacted	Redacted	2025	2	0	Redacted		online		Redacted
1587	LCE	Redacted	Redacted	2025	3	0	Redacted		online		Redacted
1588	LCE	Redacted	Redacted	2025	4	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1562	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1563	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1564	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1565	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1566	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1567	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1568	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1569	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1570	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1571	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1572	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1573	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1574	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1575	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1576	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1577	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1578	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1579	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1580	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1581	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1582	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1583	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1584	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1585	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1586	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1587	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1588	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1562	Redacted	ok	special	0	1
1563	Redacted	ok	special	0	1
1564	Redacted	ok	special	0	1
1565	Redacted	ok	special	0	1
1566	Redacted	ok	special	0	1
1567	Redacted	ok	special	0	1
1568	Redacted	ok	special	0	1
1569	Redacted	ok	special	0	1
1570	Redacted	ok	special	0	1
1571	Redacted	ok	special	0	1
1572	Redacted	ok	special	0	1
1573	Redacted	ok	special	0	1
1574	Redacted	ok	special	0	1
1575	Redacted	ok	special	0	1
1576	Redacted	ok	special	0	1
1577	Redacted	ok	special	0	1
1578	Redacted	ok	special	0	1
1579	Redacted	ok	special	0	1
1580	Redacted	ok	special	0	1
1581	Redacted	ok	special	0	1
1582	Redacted	ok	special	0	1
1583	Redacted	ok	special	0	1
1584	Redacted	ok	special	0	1
1585	Redacted	ok	special	0	1
1586	Redacted	ok	special	0	1
1587	Redacted	ok	special	0	1
1588	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1589	LCE	Redacted	Redacted	2025	5	0	Redacted		online		Redacted
1590	LCE	Redacted	Redacted	2025	6	0	Redacted		online		Redacted
1591	LCE	Redacted	Redacted	2025	7	0	Redacted		online		Redacted
1592	LCE	Redacted	Redacted	2025	8	0	Redacted		online		Redacted
1593	LCE	Redacted	Redacted	2025	9	0	Redacted		online		Redacted
1594	LCE	Redacted	Redacted	2025	10	0	Redacted		online		Redacted
1595	LCE	Redacted	Redacted	2025	11	0	Redacted		online		Redacted
1596	LCE	Redacted	Redacted	2025	12	0	Redacted		online		Redacted
1597	LCE	Redacted	Redacted	2026	1	0	Redacted		online		Redacted
1598	LCE	Redacted	Redacted	2026	2	0	Redacted		online		Redacted
1599	LCE	Redacted	Redacted	2026	3	0	Redacted		online		Redacted
1600	LCE	Redacted	Redacted	2026	4	0	Redacted		online		Redacted
1601	LCE	Redacted	Redacted	2026	5	0	Redacted		online		Redacted
1602	LCE	Redacted	Redacted	2026	6	0	Redacted		online		Redacted
1603	LCE	Redacted	Redacted	2026	7	0	Redacted		online		Redacted
1604	LCE	Redacted	Redacted	2026	8	0	Redacted		online		Redacted
1605	LCE	Redacted	Redacted	2026	9	0	Redacted		online		Redacted
1606	LCE	Redacted	Redacted	2026	10	0	Redacted		online		Redacted
1607	LCE	Redacted	Redacted	2026	11	0	Redacted		online		Redacted
1608	LCE	Redacted	Redacted	2026	12	0	Redacted		online		Redacted
1609	LCE	Redacted	Redacted	2027	1	0	Redacted		online		Redacted
1610	LCE	Redacted	Redacted	2027	2	0	Redacted		online		Redacted
1611	LCE	Redacted	Redacted	2027	3	0	Redacted		online		Redacted
1612	LCE	Redacted	Redacted	2027	4	0	Redacted		online		Redacted
1613	LCE	Redacted	Redacted	2027	5	0	Redacted		online		Redacted
1614	LCE	Redacted	Redacted	2027	6	0	Redacted		online		Redacted
1615	LCE	Redacted	Redacted	2027	7	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1589	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1590	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1591	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1592	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1593	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1594	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1595	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1596	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1597	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1598	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1599	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1600	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1601	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1602	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1603	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1604	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1605	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1606	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1607	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1608	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1609	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1610	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1611	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1612	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1613	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1614	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1615	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1589	Redacted	ok	special	0	1
1590	Redacted	ok	special	0	1
1591	Redacted	ok	special	0	1
1592	Redacted	ok	special	0	1
1593	Redacted	ok	special	0	1
1594	Redacted	ok	special	0	1
1595	Redacted	ok	special	0	1
1596	Redacted	ok	special	0	1
1597	Redacted	ok	special	0	1
1598	Redacted	ok	special	0	1
1599	Redacted	ok	special	0	1
1600	Redacted	ok	special	0	1
1601	Redacted	ok	special	0	1
1602	Redacted	ok	special	0	1
1603	Redacted	ok	special	0	1
1604	Redacted	ok	special	0	1
1605	Redacted	ok	special	0	1
1606	Redacted	ok	special	0	1
1607	Redacted	ok	special	0	1
1608	Redacted	ok	special	0	1
1609	Redacted	ok	special	0	1
1610	Redacted	ok	special	0	1
1611	Redacted	ok	special	0	1
1612	Redacted	ok	special	0	1
1613	Redacted	ok	special	0	1
1614	Redacted	ok	special	0	1
1615	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1616	LCE	Redacted	Redacted	2027	8	0	Redacted		online		Redacted
1617	LCE	Redacted	Redacted	2027	9	0	Redacted		online		Redacted
1618	LCE	Redacted	Redacted	2027	10	0	Redacted		online		Redacted
1619	LCE	Redacted	Redacted	2027	11	0	Redacted		online		Redacted
1620	LCE	Redacted	Redacted	2027	12	0	Redacted		online		Redacted
1621	LCE	Redacted	Redacted	2028	1	0	Redacted		online		Redacted
1622	LCE	Redacted	Redacted	2028	2	0	Redacted		online		Redacted
1623	LCE	Redacted	Redacted	2028	3	0	Redacted		online		Redacted
1624	LCE	Redacted	Redacted	2028	4	0	Redacted		online		Redacted
1625	LCE	Redacted	Redacted	2028	5	0	Redacted		online		Redacted
1626	LCE	Redacted	Redacted	2028	6	0	Redacted		online		Redacted
1627	LCE	Redacted	Redacted	2028	7	0	Redacted		online		Redacted
1628	LCE	Redacted	Redacted	2028	8	0	Redacted		online		Redacted
1629	LCE	Redacted	Redacted	2028	9	0	Redacted		online		Redacted
1630	LCE	Redacted	Redacted	2028	10	0	Redacted		online		Redacted
1631	LCE	Redacted	Redacted	2028	11	0	Redacted		online		Redacted
1632	LCE	Redacted	Redacted	2028	12	0	Redacted		online		Redacted
1633	LCE	Redacted	Redacted	2029	1	0	Redacted		online		Redacted
1634	LCE	Redacted	Redacted	2029	2	0	Redacted		online		Redacted
1635	LCE	Redacted	Redacted	2029	3	0	Redacted		online		Redacted
1636	LCE	Redacted	Redacted	2029	4	0	Redacted		online		Redacted
1637	LCE	Redacted	Redacted	2029	5	0	Redacted		online		Redacted
1638	LCE	Redacted	Redacted	2029	6	0	Redacted		online		Redacted
1639	LCE	Redacted	Redacted	2029	7	0	Redacted		online		Redacted
1640	LCE	Redacted	Redacted	2029	8	0	Redacted		online		Redacted
1641	LCE	Redacted	Redacted	2029	9	0	Redacted		online		Redacted
1642	LCE	Redacted	Redacted	2029	10	0	Redacted		online		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1616	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1617	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1618	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1619	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1620	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1621	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1622	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1623	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1624	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1625	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1626	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1627	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1628	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1629	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1630	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1631	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1632	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1633	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1634	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1635	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1636	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1637	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1638	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1639	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1640	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1641	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1642	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1616	Redacted	ok	special	0	1
1617	Redacted	ok	special	0	1
1618	Redacted	ok	special	0	1
1619	Redacted	ok	special	0	1
1620	Redacted	ok	special	0	1
1621	Redacted	ok	special	0	1
1622	Redacted	ok	special	0	1
1623	Redacted	ok	special	0	1
1624	Redacted	ok	special	0	1
1625	Redacted	ok	special	0	1
1626	Redacted	ok	special	0	1
1627	Redacted	ok	special	0	1
1628	Redacted	ok	special	0	1
1629	Redacted	ok	special	0	1
1630	Redacted	ok	special	0	1
1631	Redacted	ok	special	0	1
1632	Redacted	ok	special	0	1
1633	Redacted	ok	special	0	1
1634	Redacted	ok	special	0	1
1635	Redacted	ok	special	0	1
1636	Redacted	ok	special	0	1
1637	Redacted	ok	special	0	1
1638	Redacted	ok	special	0	1
1639	Redacted	ok	special	0	1
1640	Redacted	ok	special	0	1
1641	Redacted	ok	special	0	1
1642	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1643	LCE	Redacted	Redacted	2029	11	0	Redacted		online		Redacted
1644	LCE	Redacted	Redacted	2029	12	0	Redacted		online		Redacted
1645	LCE	Redacted	Redacted	2030	1	0	Redacted		online		Redacted
1646	LCE	Redacted	Redacted	2030	2	0	Redacted		online		Redacted
1647	LCE	Redacted	Redacted	2030	3	0	Redacted		online		Redacted
1648	LCE	Redacted	Redacted	2030	4	0	Redacted		online		Redacted
1649	LCE	Redacted	Redacted	2030	5	0	Redacted		online		Redacted
1650	LCE	Redacted	Redacted	2030	6	0	Redacted		online		Redacted
1651	LCE	Redacted	Redacted	2030	7	0	Redacted		online		Redacted
1652	LCE	Redacted	Redacted	2030	8	0	Redacted		online		Redacted
1653	LCE	Redacted	Redacted	2030	9	0	Redacted		online		Redacted
1654	LCE	Redacted	Redacted	2030	10	0	Redacted		online		Redacted
1655	LCE	Redacted	Redacted	2030	11	0	Redacted		online		Redacted
1656	LCE	Redacted	Redacted	2030	12	0	Redacted		online		Redacted
1657	LCE	Redacted	Redacted	2022	1	Redacted		Redacted	Review		Redacted
1658	LCE	Redacted	Redacted	2022	2	Redacted		Redacted	Review		Redacted
1659	LCE	Redacted	Redacted	2022	3	Redacted		Redacted	Review		Redacted
1660	LCE	Redacted	Redacted	2022	4	Redacted		Redacted	Review		Redacted
1661	LCE	Redacted	Redacted	2022	5	Redacted		Redacted	Review		Redacted
1662	LCE	Redacted	Redacted	2022	6	Redacted		Redacted	Review		Redacted
1663	LCE	Redacted	Redacted	2022	7	Redacted		Redacted	Review		Redacted
1664	LCE	Redacted	Redacted	2022	8	Redacted		Redacted	Review		Redacted
1665	LCE	Redacted	Redacted	2022	9	Redacted		Redacted	Review		Redacted
1666	LCE	Redacted	Redacted	2022	10	Redacted		Redacted	Review		Redacted
1667	LCE	Redacted	Redacted	2022	11	Redacted		Redacted	Review		Redacted
1668	LCE	Redacted	Redacted	2022	12	Redacted		Redacted	Review		Redacted
1669	LCE	Redacted	Redacted	2023	1	Redacted		Redacted	Review		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1643	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1644	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1645	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1646	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1647	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1648	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1649	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1650	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1651	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1652	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1653	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1654	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1655	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1656	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
1657	Redacted	Redacted	0	Redacted	Redacted	0.14	1	Redacted
1658	Redacted	Redacted	0	Redacted	Redacted	0.12	1	Redacted
1659	Redacted	Redacted	0	Redacted	Redacted	0.28	1	Redacted
1660	Redacted	Redacted	0	Redacted	Redacted	0.25	1	Redacted
1661	Redacted	Redacted	0	Redacted	Redacted	0.25	1	Redacted
1662	Redacted	Redacted	0	Redacted	Redacted	0.33	1	Redacted
1663	Redacted	Redacted	0	Redacted	Redacted	0.23	1	Redacted
1664	Redacted	Redacted	0	Redacted	Redacted	0.21	1	Redacted
1665	Redacted	Redacted	0	Redacted	Redacted	0.15	1	Redacted
1666	Redacted	Redacted	0	Redacted	Redacted	0.08	1	Redacted
1667	Redacted	Redacted	0	Redacted	Redacted	0.12	1	Redacted
1668	Redacted	Redacted	0	Redacted	Redacted	0.13	1	Redacted
1669	Redacted	Redacted	0	Redacted	Redacted	0.14	1	Redacted

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1643	Redacted	ok	special	0	1
1644	Redacted	ok	special	0	1
1645	Redacted	ok	special	0	1
1646	Redacted	ok	special	0	1
1647	Redacted	ok	special	0	1
1648	Redacted	ok	special	0	1
1649	Redacted	ok	special	0	1
1650	Redacted	ok	special	0	1
1651	Redacted	ok	special	0	1
1652	Redacted	ok	special	0	1
1653	Redacted	ok	special	0	1
1654	Redacted	ok	special	0	1
1655	Redacted	ok	special	0	1
1656	Redacted	ok	special	0	1
1657	Redacted	ok	new_resolve	1	1
1658	Redacted	ok	new_resolve	1	1
1659	Redacted	ok	new_resolve	1	1
1660	Redacted	ok	new_resolve	1	1
1661	Redacted	ok	new_resolve	1	1
1662	Redacted	ok	new_resolve	1	1
1663	Redacted	ok	new_resolve	1	1
1664	Redacted	ok	new_resolve	1	1
1665	Redacted	ok	new_resolve	1	1
1666	Redacted	ok	new_resolve	1	1
1667	Redacted	ok	new_resolve	1	1
1668	Redacted	ok	new_resolve	1	1
1669	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1670	LCE	Redacted	Redacted	2023	2	Redacted		Redacted	Review		Redacted
1671	LCE	Redacted	Redacted	2023	3	Redacted		Redacted	Review		Redacted
1672	LCE	Redacted	Redacted	2023	4	Redacted		Redacted	Review		Redacted
1673	LCE	Redacted	Redacted	2023	5	Redacted		Redacted	Review		Redacted
1674	LCE	Redacted	Redacted	2023	6	Redacted		Redacted	Review		Redacted
1675	LCE	Redacted	Redacted	2023	7	Redacted		Redacted	Review		Redacted
1676	LCE	Redacted	Redacted	2023	8	Redacted		Redacted	Review		Redacted
1677	LCE	Redacted	Redacted	2023	9	Redacted		Redacted	Review		Redacted
1678	LCE	Redacted	Redacted	2023	10	Redacted		Redacted	Review		Redacted
1679	LCE	Redacted	Redacted	2023	11	Redacted		Redacted	Review		Redacted
1680	LCE	Redacted	Redacted	2023	12	Redacted		Redacted	Review		Redacted
1681	LCE	Redacted	Redacted	2024	1	Redacted		Redacted	Review		Redacted
1682	LCE	Redacted	Redacted	2024	2	Redacted		Redacted	Review		Redacted
1683	LCE	Redacted	Redacted	2024	3	Redacted		Redacted	Review		Redacted
1684	LCE	Redacted	Redacted	2024	4	Redacted		Redacted	Review		Redacted
1685	LCE	Redacted	Redacted	2024	5	Redacted		Redacted	Review		Redacted
1686	LCE	Redacted	Redacted	2024	6	Redacted		Redacted	Review		Redacted
1687	LCE	Redacted	Redacted	2024	7	Redacted		Redacted	Review		Redacted
1688	LCE	Redacted	Redacted	2024	8	Redacted		Redacted	Review		Redacted
1689	LCE	Redacted	Redacted	2024	9	Redacted		Redacted	Review		Redacted
1690	LCE	Redacted	Redacted	2024	10	Redacted		Redacted	Review		Redacted
1691	LCE	Redacted	Redacted	2024	11	Redacted		Redacted	Review		Redacted
1692	LCE	Redacted	Redacted	2024	12	Redacted		Redacted	Review		Redacted
1693	LCE	Redacted	Redacted	2025	1	Redacted		Redacted	Review		Redacted
1694	LCE	Redacted	Redacted	2025	2	Redacted		Redacted	Review		Redacted
1695	LCE	Redacted	Redacted	2025	3	Redacted		Redacted	Review		Redacted
1696	LCE	Redacted	Redacted	2025	4	Redacted		Redacted	Review		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1670	Redacted	Redacted	0	Redacted	Redacted	0.12	1	Redacted
1671	Redacted	Redacted	0	Redacted	Redacted	0.28	1	Redacted
1672	Redacted	Redacted	0	Redacted	Redacted	0.25	1	Redacted
1673	Redacted	Redacted	0	Redacted	Redacted	0.25	1	Redacted
1674	Redacted	Redacted	0	Redacted	Redacted	0.33	1	Redacted
1675	Redacted	Redacted	0	Redacted	Redacted	0.23	1	Redacted
1676	Redacted	Redacted	0	Redacted	Redacted	0.21	1	Redacted
1677	Redacted	Redacted	0	Redacted	Redacted	0.15	1	Redacted
1678	Redacted	Redacted	0	Redacted	Redacted	0.08	1	Redacted
1679	Redacted	Redacted	0	Redacted	Redacted	0.12	1	Redacted
1680	Redacted	Redacted	0	Redacted	Redacted	0.13	1	Redacted
1681	Redacted	Redacted	0	Redacted	Redacted	0.161161252	1	Redacted
1682	Redacted	Redacted	0	Redacted	Redacted	0.138138216	1	Redacted
1683	Redacted	Redacted	0	Redacted	Redacted	0.322322504	1	Redacted
1684	Redacted	Redacted	0	Redacted	Redacted	0.28778795	1	Redacted
1685	Redacted	Redacted	0	Redacted	Redacted	0.28778795	1	Redacted
1686	Redacted	Redacted	0	Redacted	Redacted	0.379880094	1	Redacted
1687	Redacted	Redacted	0	Redacted	Redacted	0.264764914	1	Redacted
1688	Redacted	Redacted	0	Redacted	Redacted	0.241741878	1	Redacted
1689	Redacted	Redacted	0	Redacted	Redacted	0.17267277	1	Redacted
1690	Redacted	Redacted	0	Redacted	Redacted	0.092092144	1	Redacted
1691	Redacted	Redacted	0	Redacted	Redacted	0.138138216	1	Redacted
1692	Redacted	Redacted	0	Redacted	Redacted	0.149649734	1	Redacted
1693	Redacted	Redacted	0	Redacted	Redacted	0.182322495	1	Redacted
1694	Redacted	Redacted	0	Redacted	Redacted	0.156276424	1	Redacted
1695	Redacted	Redacted	0	Redacted	Redacted	0.364644989	1	Redacted
1696	Redacted	Redacted	0	Redacted	Redacted	0.325575883	1	Redacted

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1670	Redacted	ok	new_resolve	1	1
1671	Redacted	ok	new_resolve	1	1
1672	Redacted	ok	new_resolve	1	1
1673	Redacted	ok	new_resolve	1	1
1674	Redacted	ok	new_resolve	1	1
1675	Redacted	ok	new_resolve	1	1
1676	Redacted	ok	new_resolve	1	1
1677	Redacted	ok	new_resolve	1	1
1678	Redacted	ok	new_resolve	1	1
1679	Redacted	ok	new_resolve	1	1
1680	Redacted	ok	new_resolve	1	1
1681	Redacted	ok	new_resolve	1	1
1682	Redacted	ok	new_resolve	1	1
1683	Redacted	ok	new_resolve	1	1
1684	Redacted	ok	new_resolve	1	1
1685	Redacted	ok	new_resolve	1	1
1686	Redacted	ok	new_resolve	1	1
1687	Redacted	ok	new_resolve	1	1
1688	Redacted	ok	new_resolve	1	1
1689	Redacted	ok	new_resolve	1	1
1690	Redacted	ok	new_resolve	1	1
1691	Redacted	ok	new_resolve	1	1
1692	Redacted	ok	new_resolve	1	1
1693	Redacted	ok	new_resolve	1	1
1694	Redacted	ok	new_resolve	1	1
1695	Redacted	ok	new_resolve	1	1
1696	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1697	LCE	Redacted	Redacted	2025	5	Redacted		Redacted	Review		Redacted
1698	LCE	Redacted	Redacted	2025	6	Redacted		Redacted	Review		Redacted
1699	LCE	Redacted	Redacted	2025	7	Redacted		Redacted	Review		Redacted
1700	LCE	Redacted	Redacted	2025	8	Redacted		Redacted	Review		Redacted
1701	LCE	Redacted	Redacted	2025	9	Redacted		Redacted	Review		Redacted
1702	LCE	Redacted	Redacted	2025	10	Redacted		Redacted	Review		Redacted
1703	LCE	Redacted	Redacted	2025	11	Redacted		Redacted	Review		Redacted
1704	LCE	Redacted	Redacted	2025	12	Redacted		Redacted	Review		Redacted
1705	LCE	Redacted	Redacted	2026	1	Redacted		Redacted	Review		Redacted
1706	LCE	Redacted	Redacted	2026	2	Redacted		Redacted	Review		Redacted
1707	LCE	Redacted	Redacted	2026	3	Redacted		Redacted	Review		Redacted
1708	LCE	Redacted	Redacted	2026	4	Redacted		Redacted	Review		Redacted
1709	LCE	Redacted	Redacted	2026	5	Redacted		Redacted	Review		Redacted
1710	LCE	Redacted	Redacted	2026	6	Redacted		Redacted	Review		Redacted
1711	LCE	Redacted	Redacted	2026	7	Redacted		Redacted	Review		Redacted
1712	LCE	Redacted	Redacted	2026	8	Redacted		Redacted	Review		Redacted
1713	LCE	Redacted	Redacted	2026	9	Redacted		Redacted	Review		Redacted
1714	LCE	Redacted	Redacted	2026	10	Redacted		Redacted	Review		Redacted
1715	LCE	Redacted	Redacted	2026	11	Redacted		Redacted	Review		Redacted
1716	LCE	Redacted	Redacted	2026	12	Redacted		Redacted	Review		Redacted
1717	LCE	Redacted	Redacted	2027	1	Redacted		Redacted	Review		Redacted
1718	LCE	Redacted	Redacted	2027	2	Redacted		Redacted	Review		Redacted
1719	LCE	Redacted	Redacted	2027	3	Redacted		Redacted	Review		Redacted
1720	LCE	Redacted	Redacted	2027	4	Redacted		Redacted	Review		Redacted
1721	LCE	Redacted	Redacted	2027	5	Redacted		Redacted	Review		Redacted
1722	LCE	Redacted	Redacted	2027	6	Redacted		Redacted	Review		Redacted
1723	LCE	Redacted	Redacted	2027	7	Redacted		Redacted	Review		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1697	Redacted	Redacted	0	Redacted	Redacted	0.325575883	1	Redacted
1698	Redacted	Redacted	0	Redacted	Redacted	0.429760166	1	Redacted
1699	Redacted	Redacted	0	Redacted	Redacted	0.299529813	1	Redacted
1700	Redacted	Redacted	0	Redacted	Redacted	0.273483742	1	Redacted
1701	Redacted	Redacted	0	Redacted	Redacted	0.19534553	1	Redacted
1702	Redacted	Redacted	0	Redacted	Redacted	0.104184283	1	Redacted
1703	Redacted	Redacted	0	Redacted	Redacted	0.156276424	1	Redacted
1704	Redacted	Redacted	0	Redacted	Redacted	0.169299459	1	Redacted
1705	Redacted	Redacted	0	Redacted	Redacted	0.203483747	1	Redacted
1706	Redacted	Redacted	0	Redacted	Redacted	0.17441464	1	Redacted
1707	Redacted	Redacted	0	Redacted	Redacted	0.406967493	1	Redacted
1708	Redacted	Redacted	0	Redacted	Redacted	0.363363833	1	Redacted
1709	Redacted	Redacted	0	Redacted	Redacted	0.363363833	1	Redacted
1710	Redacted	Redacted	0	Redacted	Redacted	0.47964026	1	Redacted
1711	Redacted	Redacted	0	Redacted	Redacted	0.334294727	1	Redacted
1712	Redacted	Redacted	0	Redacted	Redacted	0.30522562	1	Redacted
1713	Redacted	Redacted	0	Redacted	Redacted	0.2180183	1	Redacted
1714	Redacted	Redacted	0	Redacted	Redacted	0.116276427	1	Redacted
1715	Redacted	Redacted	0	Redacted	Redacted	0.17441464	1	Redacted
1716	Redacted	Redacted	0	Redacted	Redacted	0.188949193	1	Redacted
1717	Redacted	Redacted	0	Redacted	Redacted	0.203228088	1	Redacted
1718	Redacted	Redacted	0	Redacted	Redacted	0.174195504	1	Redacted
1719	Redacted	Redacted	0	Redacted	Redacted	0.406456176	1	Redacted
1720	Redacted	Redacted	0	Redacted	Redacted	0.3629073	1	Redacted
1721	Redacted	Redacted	0	Redacted	Redacted	0.3629073	1	Redacted
1722	Redacted	Redacted	0	Redacted	Redacted	0.479037636	1	Redacted
1723	Redacted	Redacted	0	Redacted	Redacted	0.333874716	1	Redacted

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1697	Redacted	ok	new_resolve	1	1
1698	Redacted	ok	new_resolve	1	1
1699	Redacted	ok	new_resolve	1	1
1700	Redacted	ok	new_resolve	1	1
1701	Redacted	ok	new_resolve	1	1
1702	Redacted	ok	new_resolve	1	1
1703	Redacted	ok	new_resolve	1	1
1704	Redacted	ok	new_resolve	1	1
1705	Redacted	ok	new_resolve	1	1
1706	Redacted	ok	new_resolve	1	1
1707	Redacted	ok	new_resolve	1	1
1708	Redacted	ok	new_resolve	1	1
1709	Redacted	ok	new_resolve	1	1
1710	Redacted	ok	new_resolve	1	1
1711	Redacted	ok	new_resolve	1	1
1712	Redacted	ok	new_resolve	1	1
1713	Redacted	ok	new_resolve	1	1
1714	Redacted	ok	new_resolve	1	1
1715	Redacted	ok	new_resolve	1	1
1716	Redacted	ok	new_resolve	1	1
1717	Redacted	ok	new_resolve	1	1
1718	Redacted	ok	new_resolve	1	1
1719	Redacted	ok	new_resolve	1	1
1720	Redacted	ok	new_resolve	1	1
1721	Redacted	ok	new_resolve	1	1
1722	Redacted	ok	new_resolve	1	1
1723	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1724	LCE	Redacted	Redacted	2027	8	Redacted		Redacted	Review		Redacted
1725	LCE	Redacted	Redacted	2027	9	Redacted		Redacted	Review		Redacted
1726	LCE	Redacted	Redacted	2027	10	Redacted		Redacted	Review		Redacted
1727	LCE	Redacted	Redacted	2027	11	Redacted		Redacted	Review		Redacted
1728	LCE	Redacted	Redacted	2027	12	Redacted		Redacted	Review		Redacted
1729	LCE	Redacted	Redacted	2028	1	Redacted		Redacted	Review		Redacted
1730	LCE	Redacted	Redacted	2028	2	Redacted		Redacted	Review		Redacted
1731	LCE	Redacted	Redacted	2028	3	Redacted		Redacted	Review		Redacted
1732	LCE	Redacted	Redacted	2028	4	Redacted		Redacted	Review		Redacted
1733	LCE	Redacted	Redacted	2028	5	Redacted		Redacted	Review		Redacted
1734	LCE	Redacted	Redacted	2028	6	Redacted		Redacted	Review		Redacted
1735	LCE	Redacted	Redacted	2028	7	Redacted		Redacted	Review		Redacted
1736	LCE	Redacted	Redacted	2028	8	Redacted		Redacted	Review		Redacted
1737	LCE	Redacted	Redacted	2028	9	Redacted		Redacted	Review		Redacted
1738	LCE	Redacted	Redacted	2028	10	Redacted		Redacted	Review		Redacted
1739	LCE	Redacted	Redacted	2028	11	Redacted		Redacted	Review		Redacted
1740	LCE	Redacted	Redacted	2028	12	Redacted		Redacted	Review		Redacted
1741	LCE	Redacted	Redacted	2029	1	Redacted		Redacted	Review		Redacted
1742	LCE	Redacted	Redacted	2029	2	Redacted		Redacted	Review		Redacted
1743	LCE	Redacted	Redacted	2029	3	Redacted		Redacted	Review		Redacted
1744	LCE	Redacted	Redacted	2029	4	Redacted		Redacted	Review		Redacted
1745	LCE	Redacted	Redacted	2029	5	Redacted		Redacted	Review		Redacted
1746	LCE	Redacted	Redacted	2029	6	Redacted		Redacted	Review		Redacted
1747	LCE	Redacted	Redacted	2029	7	Redacted		Redacted	Review		Redacted
1748	LCE	Redacted	Redacted	2029	8	Redacted		Redacted	Review		Redacted
1749	LCE	Redacted	Redacted	2029	9	Redacted		Redacted	Review		Redacted
1750	LCE	Redacted	Redacted	2029	10	Redacted		Redacted	Review		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1724	Redacted	Redacted	0	Redacted	Redacted	0.304842132	1	Redacted
1725	Redacted	Redacted	0	Redacted	Redacted	0.21774438	1	Redacted
1726	Redacted	Redacted	0	Redacted	Redacted	0.116130336	1	Redacted
1727	Redacted	Redacted	0	Redacted	Redacted	0.174195504	1	Redacted
1728	Redacted	Redacted	0	Redacted	Redacted	0.188711796	1	Redacted
1729	Redacted	Redacted	0	Redacted	Redacted	0.202972439	1	Redacted
1730	Redacted	Redacted	0	Redacted	Redacted	0.173976376	1	Redacted
1731	Redacted	Redacted	0	Redacted	Redacted	0.405944877	1	Redacted
1732	Redacted	Redacted	0	Redacted	Redacted	0.362450783	1	Redacted
1733	Redacted	Redacted	0	Redacted	Redacted	0.362450783	1	Redacted
1734	Redacted	Redacted	0	Redacted	Redacted	0.478435034	1	Redacted
1735	Redacted	Redacted	0	Redacted	Redacted	0.333454721	1	Redacted
1736	Redacted	Redacted	0	Redacted	Redacted	0.304458658	1	Redacted
1737	Redacted	Redacted	0	Redacted	Redacted	0.21747047	1	Redacted
1738	Redacted	Redacted	0	Redacted	Redacted	0.115984251	1	Redacted
1739	Redacted	Redacted	0	Redacted	Redacted	0.173976376	1	Redacted
1740	Redacted	Redacted	0	Redacted	Redacted	0.188474407	1	Redacted
1741	Redacted	Redacted	0	Redacted	Redacted	0.20271678	1	Redacted
1742	Redacted	Redacted	0	Redacted	Redacted	0.17375724	1	Redacted
1743	Redacted	Redacted	0	Redacted	Redacted	0.40543356	1	Redacted
1744	Redacted	Redacted	0	Redacted	Redacted	0.36199425	1	Redacted
1745	Redacted	Redacted	0	Redacted	Redacted	0.36199425	1	Redacted
1746	Redacted	Redacted	0	Redacted	Redacted	0.47783241	1	Redacted
1747	Redacted	Redacted	0	Redacted	Redacted	0.33303471	1	Redacted
1748	Redacted	Redacted	0	Redacted	Redacted	0.30407517	1	Redacted
1749	Redacted	Redacted	0	Redacted	Redacted	0.21719655	1	Redacted
1750	Redacted	Redacted	0	Redacted	Redacted	0.11583816	1	Redacted

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1724	Redacted	ok	new_resolve	1	1
1725	Redacted	ok	new_resolve	1	1
1726	Redacted	ok	new_resolve	1	1
1727	Redacted	ok	new_resolve	1	1
1728	Redacted	ok	new_resolve	1	1
1729	Redacted	ok	new_resolve	1	1
1730	Redacted	ok	new_resolve	1	1
1731	Redacted	ok	new_resolve	1	1
1732	Redacted	ok	new_resolve	1	1
1733	Redacted	ok	new_resolve	1	1
1734	Redacted	ok	new_resolve	1	1
1735	Redacted	ok	new_resolve	1	1
1736	Redacted	ok	new_resolve	1	1
1737	Redacted	ok	new_resolve	1	1
1738	Redacted	ok	new_resolve	1	1
1739	Redacted	ok	new_resolve	1	1
1740	Redacted	ok	new_resolve	1	1
1741	Redacted	ok	new_resolve	1	1
1742	Redacted	ok	new_resolve	1	1
1743	Redacted	ok	new_resolve	1	1
1744	Redacted	ok	new_resolve	1	1
1745	Redacted	ok	new_resolve	1	1
1746	Redacted	ok	new_resolve	1	1
1747	Redacted	ok	new_resolve	1	1
1748	Redacted	ok	new_resolve	1	1
1749	Redacted	ok	new_resolve	1	1
1750	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**
1724	Redacted	0	0	1	1	1	1	1	1	1	1
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
1750	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1751	LCE	Redacted	Redacted	2029	11	Redacted		Redacted	Review		Redacted
1752	LCE	Redacted	Redacted	2029	12	Redacted		Redacted	Review		Redacted
1753	LCE	Redacted	Redacted	2030	1	Redacted		Redacted	Review		Redacted
1754	LCE	Redacted	Redacted	2030	2	Redacted		Redacted	Review		Redacted
1755	LCE	Redacted	Redacted	2030	3	Redacted		Redacted	Review		Redacted
1756	LCE	Redacted	Redacted	2030	4	Redacted		Redacted	Review		Redacted
1757	LCE	Redacted	Redacted	2030	5	Redacted		Redacted	Review		Redacted
1758	LCE	Redacted	Redacted	2030	6	Redacted		Redacted	Review		Redacted
1759	LCE	Redacted	Redacted	2030	7	Redacted		Redacted	Review		Redacted
1760	LCE	Redacted	Redacted	2030	8	Redacted		Redacted	Review		Redacted
1761	LCE	Redacted	Redacted	2030	9	Redacted		Redacted	Review		Redacted
1762	LCE	Redacted	Redacted	2030	10	Redacted		Redacted	Review		Redacted
1763	LCE	Redacted	Redacted	2030	11	Redacted		Redacted	Review		Redacted
1764	LCE	Redacted	Redacted	2030	12	Redacted		Redacted	Review		Redacted
1765	LCE	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing		Redacted
1766	LCE	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing		Redacted
1767	LCE	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing		Redacted
1768	LCE	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing		Redacted
1769	LCE	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing		Redacted
1770	LCE	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing		Redacted
1771	LCE	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing		Redacted
1772	LCE	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing		Redacted
1773	LCE	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing		Redacted
1774	LCE	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing		Redacted
1775	LCE	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing		Redacted
1776	LCE	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing		Redacted
1777	LCE	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1751	Redacted	Redacted	0	Redacted	Redacted	0.17375724	1	Redacted
1752	Redacted	Redacted	0	Redacted	Redacted	0.18823701	1	Redacted
1753	Redacted	Redacted	0	Redacted	Redacted	0.202461131	1	Redacted
1754	Redacted	Redacted	0	Redacted	Redacted	0.173538112	1	Redacted
1755	Redacted	Redacted	0	Redacted	Redacted	0.404922261	1	Redacted
1756	Redacted	Redacted	0	Redacted	Redacted	0.361537733	1	Redacted
1757	Redacted	Redacted	0	Redacted	Redacted	0.361537733	1	Redacted
1758	Redacted	Redacted	0	Redacted	Redacted	0.477229808	1	Redacted
1759	Redacted	Redacted	0	Redacted	Redacted	0.332614715	1	Redacted
1760	Redacted	Redacted	0	Redacted	Redacted	0.303691696	1	Redacted
1761	Redacted	Redacted	0	Redacted	Redacted	0.21692264	1	Redacted
1762	Redacted	Redacted	0	Redacted	Redacted	0.115692075	1	Redacted
1763	Redacted	Redacted	0	Redacted	Redacted	0.173538112	1	Redacted
1764	Redacted	Redacted	0	Redacted	Redacted	0.187999621	1	Redacted
1765	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
1766	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1767	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
1768	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
1769	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
1770	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
1771	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
1772	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1773	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1774	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
1775	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
1776	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1777	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1751	Redacted	ok	new_resolve	1	1
1752	Redacted	ok	new_resolve	1	1
1753	Redacted	ok	new_resolve	1	1
1754	Redacted	ok	new_resolve	1	1
1755	Redacted	ok	new_resolve	1	1
1756	Redacted	ok	new_resolve	1	1
1757	Redacted	ok	new_resolve	1	1
1758	Redacted	ok	new_resolve	1	1
1759	Redacted	ok	new_resolve	1	1
1760	Redacted	ok	new_resolve	1	1
1761	Redacted	ok	new_resolve	1	1
1762	Redacted	ok	new_resolve	1	1
1763	Redacted	ok	new_resolve	1	1
1764	Redacted	ok	new_resolve	1	1
1765	Redacted	ok	existing_generic	1	0
1766	Redacted	ok	existing_generic	1	0
1767	Redacted	ok	existing_generic	1	0
1768	Redacted	ok	existing_generic	1	0
1769	Redacted	ok	existing_generic	1	0
1770	Redacted	ok	existing_generic	1	0
1771	Redacted	ok	existing_generic	1	0
1772	Redacted	ok	existing_generic	1	0
1773	Redacted	ok	existing_generic	1	0
1774	Redacted	ok	existing_generic	1	0
1775	Redacted	ok	existing_generic	1	0
1776	Redacted	ok	existing_generic	1	0
1777	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1778	LCE	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing		Redacted
1779	LCE	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing		Redacted
1780	LCE	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing		Redacted
1781	LCE	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing		Redacted
1782	LCE	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing		Redacted
1783	LCE	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing		Redacted
1784	LCE	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing		Redacted
1785	LCE	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing		Redacted
1786	LCE	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing		Redacted
1787	LCE	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing		Redacted
1788	LCE	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing		Redacted
1789	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing		Redacted
1790	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing		Redacted
1791	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing		Redacted
1792	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing		Redacted
1793	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing		Redacted
1794	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing		Redacted
1795	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing		Redacted
1796	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing		Redacted
1797	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing		Redacted
1798	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing		Redacted
1799	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing		Redacted
1800	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing		Redacted
1801	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing		Redacted
1802	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing		Redacted
1803	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing		Redacted
1804	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1778	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1779	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
1780	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
1781	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
1782	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
1783	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
1784	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1785	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1786	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
1787	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
1788	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1789	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
1790	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1791	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
1792	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
1793	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
1794	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
1795	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
1796	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1797	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1798	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
1799	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
1800	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1801	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
1802	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1803	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
1804	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1778	Redacted	ok	existing_generic	1	0
1779	Redacted	ok	existing_generic	1	0
1780	Redacted	ok	existing_generic	1	0
1781	Redacted	ok	existing_generic	1	0
1782	Redacted	ok	existing_generic	1	0
1783	Redacted	ok	existing_generic	1	0
1784	Redacted	ok	existing_generic	1	0
1785	Redacted	ok	existing_generic	1	0
1786	Redacted	ok	existing_generic	1	0
1787	Redacted	ok	existing_generic	1	0
1788	Redacted	ok	existing_generic	1	0
1789	Redacted	ok	existing_generic	1	0
1790	Redacted	ok	existing_generic	1	0
1791	Redacted	ok	existing_generic	1	0
1792	Redacted	ok	existing_generic	1	0
1793	Redacted	ok	existing_generic	1	0
1794	Redacted	ok	existing_generic	1	0
1795	Redacted	ok	existing_generic	1	0
1796	Redacted	ok	existing_generic	1	0
1797	Redacted	ok	existing_generic	1	0
1798	Redacted	ok	existing_generic	1	0
1799	Redacted	ok	existing_generic	1	0
1800	Redacted	ok	existing_generic	1	0
1801	Redacted	ok	existing_generic	1	0
1802	Redacted	ok	existing_generic	1	0
1803	Redacted	ok	existing_generic	1	0
1804	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1805	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing		Redacted
1806	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing		Redacted
1807	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing		Redacted
1808	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing		Redacted
1809	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing		Redacted
1810	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing		Redacted
1811	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing		Redacted
1812	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing		Redacted
1813	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing		Redacted
1814	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing		Redacted
1815	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing		Redacted
1816	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing		Redacted
1817	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing		Redacted
1818	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing		Redacted
1819	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing		Redacted
1820	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing		Redacted
1821	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing		Redacted
1822	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing		Redacted
1823	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing		Redacted
1824	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing		Redacted
1825	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing		Redacted
1826	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing		Redacted
1827	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing		Redacted
1828	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing		Redacted
1829	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing		Redacted
1830	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing		Redacted
1831	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1805	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
1806	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
1807	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
1808	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1809	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1810	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
1811	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
1812	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1813	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
1814	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1815	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
1816	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
1817	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
1818	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
1819	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
1820	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1821	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1822	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
1823	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
1824	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1825	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
1826	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1827	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
1828	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
1829	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
1830	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
1831	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1805	Redacted	ok	existing_generic	1	0
1806	Redacted	ok	existing_generic	1	0
1807	Redacted	ok	existing_generic	1	0
1808	Redacted	ok	existing_generic	1	0
1809	Redacted	ok	existing_generic	1	0
1810	Redacted	ok	existing_generic	1	0
1811	Redacted	ok	existing_generic	1	0
1812	Redacted	ok	existing_generic	1	0
1813	Redacted	ok	existing_generic	1	0
1814	Redacted	ok	existing_generic	1	0
1815	Redacted	ok	existing_generic	1	0
1816	Redacted	ok	existing_generic	1	0
1817	Redacted	ok	existing_generic	1	0
1818	Redacted	ok	existing_generic	1	0
1819	Redacted	ok	existing_generic	1	0
1820	Redacted	ok	existing_generic	1	0
1821	Redacted	ok	existing_generic	1	0
1822	Redacted	ok	existing_generic	1	0
1823	Redacted	ok	existing_generic	1	0
1824	Redacted	ok	existing_generic	1	0
1825	Redacted	ok	existing_generic	1	0
1826	Redacted	ok	existing_generic	1	0
1827	Redacted	ok	existing_generic	1	0
1828	Redacted	ok	existing_generic	1	0
1829	Redacted	ok	existing_generic	1	0
1830	Redacted	ok	existing_generic	1	0
1831	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1832	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing		Redacted
1833	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing		Redacted
1834	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing		Redacted
1835	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing		Redacted
1836	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing		Redacted
1837	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing		Redacted
1838	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing		Redacted
1839	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing		Redacted
1840	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing		Redacted
1841	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing		Redacted
1842	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing		Redacted
1843	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing		Redacted
1844	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing		Redacted
1845	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing		Redacted
1846	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing		Redacted
1847	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing		Redacted
1848	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing		Redacted
1849	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing		Redacted
1850	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing		Redacted
1851	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing		Redacted
1852	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing		Redacted
1853	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing		Redacted
1854	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing		Redacted
1855	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing		Redacted
1856	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing		Redacted
1857	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing		Redacted
1858	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1832	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1833	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1834	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
1835	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
1836	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1837	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
1838	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1839	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
1840	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
1841	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
1842	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
1843	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
1844	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1845	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1846	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
1847	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
1848	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1849	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
1850	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1851	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
1852	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
1853	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
1854	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
1855	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
1856	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1857	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1858	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1832	Redacted	ok	existing_generic	1	0
1833	Redacted	ok	existing_generic	1	0
1834	Redacted	ok	existing_generic	1	0
1835	Redacted	ok	existing_generic	1	0
1836	Redacted	ok	existing_generic	1	0
1837	Redacted	ok	existing_generic	1	0
1838	Redacted	ok	existing_generic	1	0
1839	Redacted	ok	existing_generic	1	0
1840	Redacted	ok	existing_generic	1	0
1841	Redacted	ok	existing_generic	1	0
1842	Redacted	ok	existing_generic	1	0
1843	Redacted	ok	existing_generic	1	0
1844	Redacted	ok	existing_generic	1	0
1845	Redacted	ok	existing_generic	1	0
1846	Redacted	ok	existing_generic	1	0
1847	Redacted	ok	existing_generic	1	0
1848	Redacted	ok	existing_generic	1	0
1849	Redacted	ok	existing_generic	1	0
1850	Redacted	ok	existing_generic	1	0
1851	Redacted	ok	existing_generic	1	0
1852	Redacted	ok	existing_generic	1	0
1853	Redacted	ok	existing_generic	1	0
1854	Redacted	ok	existing_generic	1	0
1855	Redacted	ok	existing_generic	1	0
1856	Redacted	ok	existing_generic	1	0
1857	Redacted	ok	existing_generic	1	0
1858	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1859	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing		Redacted
1860	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing		Redacted
1861	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing		Redacted
1862	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing		Redacted
1863	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing		Redacted
1864	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing		Redacted
1865	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing		Redacted
1866	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing		Redacted
1867	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing		Redacted
1868	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing		Redacted
1869	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing		Redacted
1870	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing		Redacted
1871	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing		Redacted
1872	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing		Redacted
1873	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing		Redacted
1874	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing		Redacted
1875	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing		Redacted
1876	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing		Redacted
1877	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing		Redacted
1878	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing		Redacted
1879	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing		Redacted
1880	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing		Redacted
1881	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing		Redacted
1882	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing		Redacted
1883	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing		Redacted
1884	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing		Redacted
1885	LCE	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1859	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
1860	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1861	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
1862	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1863	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
1864	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
1865	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
1866	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
1867	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
1868	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1869	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1870	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
1871	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
1872	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1873	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
1874	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1875	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
1876	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
1877	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
1878	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
1879	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
1880	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1881	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
1882	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
1883	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
1884	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
1885	Redacted	Redacted	1	Redacted	Redacted	0.14	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1859	Redacted	ok	existing_generic	1	0
1860	Redacted	ok	existing_generic	1	0
1861	Redacted	ok	existing_generic	1	0
1862	Redacted	ok	existing_generic	1	0
1863	Redacted	ok	existing_generic	1	0
1864	Redacted	ok	existing_generic	1	0
1865	Redacted	ok	existing_generic	1	0
1866	Redacted	ok	existing_generic	1	0
1867	Redacted	ok	existing_generic	1	0
1868	Redacted	ok	existing_generic	1	0
1869	Redacted	ok	existing_generic	1	0
1870	Redacted	ok	existing_generic	1	0
1871	Redacted	ok	existing_generic	1	0
1872	Redacted	ok	existing_generic	1	0
1873	Redacted	ok	existing_generic	1	0
1874	Redacted	ok	existing_generic	1	0
1875	Redacted	ok	existing_generic	1	0
1876	Redacted	ok	existing_generic	1	0
1877	Redacted	ok	existing_generic	1	0
1878	Redacted	ok	existing_generic	1	0
1879	Redacted	ok	existing_generic	1	0
1880	Redacted	ok	existing_generic	1	0
1881	Redacted	ok	existing_generic	1	0
1882	Redacted	ok	existing_generic	1	0
1883	Redacted	ok	existing_generic	1	0
1884	Redacted	ok	existing_generic	1	0
1885	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1886	LCE	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing		Redacted
1887	LCE	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing		Redacted
1888	LCE	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing		Redacted
1889	LCE	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing		Redacted
1890	LCE	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing		Redacted
1891	LCE	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing		Redacted
1892	LCE	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing		Redacted
1893	LCE	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing		Redacted
1894	LCE	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing		Redacted
1895	LCE	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing		Redacted
1896	LCE	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing		Redacted
1897	LCE	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing		Redacted
1898	LCE	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing		Redacted
1899	LCE	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing		Redacted
1900	LCE	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing		Redacted
1901	LCE	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing		Redacted
1902	LCE	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing		Redacted
1903	LCE	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing		Redacted
1904	LCE	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing		Redacted
1905	LCE	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing		Redacted
1906	LCE	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing		Redacted
1907	LCE	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing		Redacted
1908	LCE	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing		Redacted
1909	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing		Redacted
1910	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing		Redacted
1911	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing		Redacted
1912	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1886	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1887	Redacted	Redacted	1	Redacted	Redacted	0.28	1	#N/A
1888	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1889	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1890	Redacted	Redacted	1	Redacted	Redacted	0.33	1	#N/A
1891	Redacted	Redacted	1	Redacted	Redacted	0.23	1	#N/A
1892	Redacted	Redacted	1	Redacted	Redacted	0.21	1	#N/A
1893	Redacted	Redacted	1	Redacted	Redacted	0.15	1	#N/A
1894	Redacted	Redacted	1	Redacted	Redacted	0.08	1	#N/A
1895	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1896	Redacted	Redacted	1	Redacted	Redacted	0.13	1	#N/A
1897	Redacted	Redacted	1	Redacted	Redacted	0.14	1	#N/A
1898	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1899	Redacted	Redacted	1	Redacted	Redacted	0.28	1	#N/A
1900	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1901	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1902	Redacted	Redacted	1	Redacted	Redacted	0.33	1	#N/A
1903	Redacted	Redacted	1	Redacted	Redacted	0.23	1	#N/A
1904	Redacted	Redacted	1	Redacted	Redacted	0.21	1	#N/A
1905	Redacted	Redacted	1	Redacted	Redacted	0.15	1	#N/A
1906	Redacted	Redacted	1	Redacted	Redacted	0.08	1	#N/A
1907	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1908	Redacted	Redacted	1	Redacted	Redacted	0.13	1	#N/A
1909	Redacted	Redacted	1	Redacted	Redacted	0.14	1	#N/A
1910	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1911	Redacted	Redacted	1	Redacted	Redacted	0.28	1	#N/A
1912	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1886	Redacted	ok	existing_generic	1	0
1887	Redacted	ok	existing_generic	1	0
1888	Redacted	ok	existing_generic	1	0
1889	Redacted	ok	existing_generic	1	0
1890	Redacted	ok	existing_generic	1	0
1891	Redacted	ok	existing_generic	1	0
1892	Redacted	ok	existing_generic	1	0
1893	Redacted	ok	existing_generic	1	0
1894	Redacted	ok	existing_generic	1	0
1895	Redacted	ok	existing_generic	1	0
1896	Redacted	ok	existing_generic	1	0
1897	Redacted	ok	existing_generic	1	0
1898	Redacted	ok	existing_generic	1	0
1899	Redacted	ok	existing_generic	1	0
1900	Redacted	ok	existing_generic	1	0
1901	Redacted	ok	existing_generic	1	0
1902	Redacted	ok	existing_generic	1	0
1903	Redacted	ok	existing_generic	1	0
1904	Redacted	ok	existing_generic	1	0
1905	Redacted	ok	existing_generic	1	0
1906	Redacted	ok	existing_generic	1	0
1907	Redacted	ok	existing_generic	1	0
1908	Redacted	ok	existing_generic	1	0
1909	Redacted	ok	existing_generic	1	0
1910	Redacted	ok	existing_generic	1	0
1911	Redacted	ok	existing_generic	1	0
1912	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1913	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing		Redacted
1914	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing		Redacted
1915	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing		Redacted
1916	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing		Redacted
1917	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing		Redacted
1918	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing		Redacted
1919	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing		Redacted
1920	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing		Redacted
1921	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing		Redacted
1922	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing		Redacted
1923	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing		Redacted
1924	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing		Redacted
1925	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing		Redacted
1926	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing		Redacted
1927	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing		Redacted
1928	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing		Redacted
1929	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing		Redacted
1930	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing		Redacted
1931	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing		Redacted
1932	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing		Redacted
1933	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing		Redacted
1934	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing		Redacted
1935	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing		Redacted
1936	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing		Redacted
1937	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing		Redacted
1938	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing		Redacted
1939	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1913	Redacted	Redacted	1	Redacted	Redacted	0.25	1	#N/A
1914	Redacted	Redacted	1	Redacted	Redacted	0.33	1	#N/A
1915	Redacted	Redacted	1	Redacted	Redacted	0.23	1	#N/A
1916	Redacted	Redacted	1	Redacted	Redacted	0.21	1	#N/A
1917	Redacted	Redacted	1	Redacted	Redacted	0.15	1	#N/A
1918	Redacted	Redacted	1	Redacted	Redacted	0.08	1	#N/A
1919	Redacted	Redacted	1	Redacted	Redacted	0.12	1	#N/A
1920	Redacted	Redacted	1	Redacted	Redacted	0.13	1	#N/A
1921	Redacted	Redacted	1	Redacted	Redacted	0.161161252	1	#N/A
1922	Redacted	Redacted	1	Redacted	Redacted	0.138138216	1	#N/A
1923	Redacted	Redacted	1	Redacted	Redacted	0.322322504	1	#N/A
1924	Redacted	Redacted	1	Redacted	Redacted	0.28778795	1	#N/A
1925	Redacted	Redacted	1	Redacted	Redacted	0.28778795	1	#N/A
1926	Redacted	Redacted	1	Redacted	Redacted	0.379880094	1	#N/A
1927	Redacted	Redacted	1	Redacted	Redacted	0.264764914	1	#N/A
1928	Redacted	Redacted	1	Redacted	Redacted	0.241741878	1	#N/A
1929	Redacted	Redacted	1	Redacted	Redacted	0.17267277	1	#N/A
1930	Redacted	Redacted	1	Redacted	Redacted	0.092092144	1	#N/A
1931	Redacted	Redacted	1	Redacted	Redacted	0.138138216	1	#N/A
1932	Redacted	Redacted	1	Redacted	Redacted	0.149649734	1	#N/A
1933	Redacted	Redacted	1	Redacted	Redacted	0.182322495	1	#N/A
1934	Redacted	Redacted	1	Redacted	Redacted	0.156276424	1	#N/A
1935	Redacted	Redacted	1	Redacted	Redacted	0.364644989	1	#N/A
1936	Redacted	Redacted	1	Redacted	Redacted	0.325575883	1	#N/A
1937	Redacted	Redacted	1	Redacted	Redacted	0.325575883	1	#N/A
1938	Redacted	Redacted	1	Redacted	Redacted	0.429760166	1	#N/A
1939	Redacted	Redacted	1	Redacted	Redacted	0.299529813	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1913	Redacted	ok	existing_generic	1	0
1914	Redacted	ok	existing_generic	1	0
1915	Redacted	ok	existing_generic	1	0
1916	Redacted	ok	existing_generic	1	0
1917	Redacted	ok	existing_generic	1	0
1918	Redacted	ok	existing_generic	1	0
1919	Redacted	ok	existing_generic	1	0
1920	Redacted	ok	existing_generic	1	0
1921	Redacted	ok	existing_generic	1	0
1922	Redacted	ok	existing_generic	1	0
1923	Redacted	ok	existing_generic	1	0
1924	Redacted	ok	existing_generic	1	0
1925	Redacted	ok	existing_generic	1	0
1926	Redacted	ok	existing_generic	1	0
1927	Redacted	ok	existing_generic	1	0
1928	Redacted	ok	existing_generic	1	0
1929	Redacted	ok	existing_generic	1	0
1930	Redacted	ok	existing_generic	1	0
1931	Redacted	ok	existing_generic	1	0
1932	Redacted	ok	existing_generic	1	0
1933	Redacted	ok	existing_generic	1	0
1934	Redacted	ok	existing_generic	1	0
1935	Redacted	ok	existing_generic	1	0
1936	Redacted	ok	existing_generic	1	0
1937	Redacted	ok	existing_generic	1	0
1938	Redacted	ok	existing_generic	1	0
1939	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1940	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing		Redacted
1941	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing		Redacted
1942	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing		Redacted
1943	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing		Redacted
1944	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing		Redacted
1945	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing		Redacted
1946	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing		Redacted
1947	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing		Redacted
1948	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing		Redacted
1949	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing		Redacted
1950	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing		Redacted
1951	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing		Redacted
1952	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing		Redacted
1953	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing		Redacted
1954	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing		Redacted
1955	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing		Redacted
1956	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing		Redacted
1957	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing		Redacted
1958	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing		Redacted
1959	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing		Redacted
1960	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing		Redacted
1961	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing		Redacted
1962	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing		Redacted
1963	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing		Redacted
1964	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing		Redacted
1965	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing		Redacted
1966	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1940	Redacted	Redacted	1	Redacted	Redacted	0.273483742	1	#N/A
1941	Redacted	Redacted	1	Redacted	Redacted	0.19534553	1	#N/A
1942	Redacted	Redacted	1	Redacted	Redacted	0.104184283	1	#N/A
1943	Redacted	Redacted	1	Redacted	Redacted	0.156276424	1	#N/A
1944	Redacted	Redacted	1	Redacted	Redacted	0.169299459	1	#N/A
1945	Redacted	Redacted	1	Redacted	Redacted	0.203483747	1	#N/A
1946	Redacted	Redacted	1	Redacted	Redacted	0.17441464	1	#N/A
1947	Redacted	Redacted	1	Redacted	Redacted	0.406967493	1	#N/A
1948	Redacted	Redacted	1	Redacted	Redacted	0.363363833	1	#N/A
1949	Redacted	Redacted	1	Redacted	Redacted	0.363363833	1	#N/A
1950	Redacted	Redacted	1	Redacted	Redacted	0.47964026	1	#N/A
1951	Redacted	Redacted	1	Redacted	Redacted	0.334294727	1	#N/A
1952	Redacted	Redacted	1	Redacted	Redacted	0.30522562	1	#N/A
1953	Redacted	Redacted	1	Redacted	Redacted	0.2180183	1	#N/A
1954	Redacted	Redacted	1	Redacted	Redacted	0.116276427	1	#N/A
1955	Redacted	Redacted	1	Redacted	Redacted	0.17441464	1	#N/A
1956	Redacted	Redacted	1	Redacted	Redacted	0.188949193	1	#N/A
1957	Redacted	Redacted	1	Redacted	Redacted	0.203228088	1	#N/A
1958	Redacted	Redacted	1	Redacted	Redacted	0.174195504	1	#N/A
1959	Redacted	Redacted	1	Redacted	Redacted	0.406456176	1	#N/A
1960	Redacted	Redacted	1	Redacted	Redacted	0.3629073	1	#N/A
1961	Redacted	Redacted	1	Redacted	Redacted	0.3629073	1	#N/A
1962	Redacted	Redacted	1	Redacted	Redacted	0.479037636	1	#N/A
1963	Redacted	Redacted	1	Redacted	Redacted	0.333874716	1	#N/A
1964	Redacted	Redacted	1	Redacted	Redacted	0.304842132	1	#N/A
1965	Redacted	Redacted	1	Redacted	Redacted	0.21774438	1	#N/A
1966	Redacted	Redacted	1	Redacted	Redacted	0.116130336	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1940	Redacted	ok	existing_generic	1	0
1941	Redacted	ok	existing_generic	1	0
1942	Redacted	ok	existing_generic	1	0
1943	Redacted	ok	existing_generic	1	0
1944	Redacted	ok	existing_generic	1	0
1945	Redacted	ok	existing_generic	1	0
1946	Redacted	ok	existing_generic	1	0
1947	Redacted	ok	existing_generic	1	0
1948	Redacted	ok	existing_generic	1	0
1949	Redacted	ok	existing_generic	1	0
1950	Redacted	ok	existing_generic	1	0
1951	Redacted	ok	existing_generic	1	0
1952	Redacted	ok	existing_generic	1	0
1953	Redacted	ok	existing_generic	1	0
1954	Redacted	ok	existing_generic	1	0
1955	Redacted	ok	existing_generic	1	0
1956	Redacted	ok	existing_generic	1	0
1957	Redacted	ok	existing_generic	1	0
1958	Redacted	ok	existing_generic	1	0
1959	Redacted	ok	existing_generic	1	0
1960	Redacted	ok	existing_generic	1	0
1961	Redacted	ok	existing_generic	1	0
1962	Redacted	ok	existing_generic	1	0
1963	Redacted	ok	existing_generic	1	0
1964	Redacted	ok	existing_generic	1	0
1965	Redacted	ok	existing_generic	1	0
1966	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1967	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing		Redacted
1968	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing		Redacted
1969	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing		Redacted
1970	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing		Redacted
1971	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing		Redacted
1972	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing		Redacted
1973	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing		Redacted
1974	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing		Redacted
1975	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing		Redacted
1976	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing		Redacted
1977	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing		Redacted
1978	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing		Redacted
1979	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing		Redacted
1980	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing		Redacted
1981	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing		Redacted
1982	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing		Redacted
1983	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing		Redacted
1984	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing		Redacted
1985	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing		Redacted
1986	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing		Redacted
1987	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing		Redacted
1988	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing		Redacted
1989	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing		Redacted
1990	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing		Redacted
1991	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing		Redacted
1992	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing		Redacted
1993	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1967	Redacted	Redacted	1	Redacted	Redacted	0.174195504	1	#N/A
1968	Redacted	Redacted	1	Redacted	Redacted	0.188711796	1	#N/A
1969	Redacted	Redacted	1	Redacted	Redacted	0.202972439	1	#N/A
1970	Redacted	Redacted	1	Redacted	Redacted	0.173976376	1	#N/A
1971	Redacted	Redacted	1	Redacted	Redacted	0.405944877	1	#N/A
1972	Redacted	Redacted	1	Redacted	Redacted	0.362450783	1	#N/A
1973	Redacted	Redacted	1	Redacted	Redacted	0.362450783	1	#N/A
1974	Redacted	Redacted	1	Redacted	Redacted	0.478435034	1	#N/A
1975	Redacted	Redacted	1	Redacted	Redacted	0.333454721	1	#N/A
1976	Redacted	Redacted	1	Redacted	Redacted	0.304458658	1	#N/A
1977	Redacted	Redacted	1	Redacted	Redacted	0.21747047	1	#N/A
1978	Redacted	Redacted	1	Redacted	Redacted	0.115984251	1	#N/A
1979	Redacted	Redacted	1	Redacted	Redacted	0.173976376	1	#N/A
1980	Redacted	Redacted	1	Redacted	Redacted	0.188474407	1	#N/A
1981	Redacted	Redacted	1	Redacted	Redacted	0.20271678	1	#N/A
1982	Redacted	Redacted	1	Redacted	Redacted	0.17375724	1	#N/A
1983	Redacted	Redacted	1	Redacted	Redacted	0.40543356	1	#N/A
1984	Redacted	Redacted	1	Redacted	Redacted	0.36199425	1	#N/A
1985	Redacted	Redacted	1	Redacted	Redacted	0.36199425	1	#N/A
1986	Redacted	Redacted	1	Redacted	Redacted	0.47783241	1	#N/A
1987	Redacted	Redacted	1	Redacted	Redacted	0.33303471	1	#N/A
1988	Redacted	Redacted	1	Redacted	Redacted	0.30407517	1	#N/A
1989	Redacted	Redacted	1	Redacted	Redacted	0.21719655	1	#N/A
1990	Redacted	Redacted	1	Redacted	Redacted	0.11583816	1	#N/A
1991	Redacted	Redacted	1	Redacted	Redacted	0.17375724	1	#N/A
1992	Redacted	Redacted	1	Redacted	Redacted	0.18823701	1	#N/A
1993	Redacted	Redacted	1	Redacted	Redacted	0.202461131	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1967	Redacted	ok	existing_generic	1	0
1968	Redacted	ok	existing_generic	1	0
1969	Redacted	ok	existing_generic	1	0
1970	Redacted	ok	existing_generic	1	0
1971	Redacted	ok	existing_generic	1	0
1972	Redacted	ok	existing_generic	1	0
1973	Redacted	ok	existing_generic	1	0
1974	Redacted	ok	existing_generic	1	0
1975	Redacted	ok	existing_generic	1	0
1976	Redacted	ok	existing_generic	1	0
1977	Redacted	ok	existing_generic	1	0
1978	Redacted	ok	existing_generic	1	0
1979	Redacted	ok	existing_generic	1	0
1980	Redacted	ok	existing_generic	1	0
1981	Redacted	ok	existing_generic	1	0
1982	Redacted	ok	existing_generic	1	0
1983	Redacted	ok	existing_generic	1	0
1984	Redacted	ok	existing_generic	1	0
1985	Redacted	ok	existing_generic	1	0
1986	Redacted	ok	existing_generic	1	0
1987	Redacted	ok	existing_generic	1	0
1988	Redacted	ok	existing_generic	1	0
1989	Redacted	ok	existing_generic	1	0
1990	Redacted	ok	existing_generic	1	0
1991	Redacted	ok	existing_generic	1	0
1992	Redacted	ok	existing_generic	1	0
1993	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
1994	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing		Redacted
1995	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing		Redacted
1996	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing		Redacted
1997	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing		Redacted
1998	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing		Redacted
1999	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing		Redacted
2000	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing		Redacted
2001	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing		Redacted
2002	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing		Redacted
2003	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing		Redacted
2004	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing		Redacted
2005	LCE	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing		Redacted
2006	LCE	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing		Redacted
2007	LCE	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing		Redacted
2008	LCE	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing		Redacted
2009	LCE	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing		Redacted
2010	LCE	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing		Redacted
2011	LCE	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing		Redacted
2012	LCE	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing		Redacted
2013	LCE	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing		Redacted
2014	LCE	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing		Redacted
2015	LCE	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing		Redacted
2016	LCE	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing		Redacted
2017	LCE	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing		Redacted
2018	LCE	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing		Redacted
2019	LCE	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing		Redacted
2020	LCE	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
1994	Redacted	Redacted	1	Redacted	Redacted	0.173538112	1	#N/A
1995	Redacted	Redacted	1	Redacted	Redacted	0.404922261	1	#N/A
1996	Redacted	Redacted	1	Redacted	Redacted	0.361537733	1	#N/A
1997	Redacted	Redacted	1	Redacted	Redacted	0.361537733	1	#N/A
1998	Redacted	Redacted	1	Redacted	Redacted	0.477229808	1	#N/A
1999	Redacted	Redacted	1	Redacted	Redacted	0.332614715	1	#N/A
2000	Redacted	Redacted	1	Redacted	Redacted	0.303691696	1	#N/A
2001	Redacted	Redacted	1	Redacted	Redacted	0.21692264	1	#N/A
2002	Redacted	Redacted	1	Redacted	Redacted	0.115692075	1	#N/A
2003	Redacted	Redacted	1	Redacted	Redacted	0.173538112	1	#N/A
2004	Redacted	Redacted	1	Redacted	Redacted	0.187999621	1	#N/A
2005	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2006	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2007	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2008	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2009	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2010	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2011	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2012	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2013	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2014	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2015	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2016	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2017	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2018	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2019	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2020	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
1994	Redacted	ok	existing_generic	1	0
1995	Redacted	ok	existing_generic	1	0
1996	Redacted	ok	existing_generic	1	0
1997	Redacted	ok	existing_generic	1	0
1998	Redacted	ok	existing_generic	1	0
1999	Redacted	ok	existing_generic	1	0
2000	Redacted	ok	existing_generic	1	0
2001	Redacted	ok	existing_generic	1	0
2002	Redacted	ok	existing_generic	1	0
2003	Redacted	ok	existing_generic	1	0
2004	Redacted	ok	existing_generic	1	0
2005	Redacted	ok	existing_generic	1	0
2006	Redacted	ok	existing_generic	1	0
2007	Redacted	ok	existing_generic	1	0
2008	Redacted	ok	existing_generic	1	0
2009	Redacted	ok	existing_generic	1	0
2010	Redacted	ok	existing_generic	1	0
2011	Redacted	ok	existing_generic	1	0
2012	Redacted	ok	existing_generic	1	0
2013	Redacted	ok	existing_generic	1	0
2014	Redacted	ok	existing_generic	1	0
2015	Redacted	ok	existing_generic	1	0
2016	Redacted	ok	existing_generic	1	0
2017	Redacted	ok	existing_generic	1	0
2018	Redacted	ok	existing_generic	1	0
2019	Redacted	ok	existing_generic	1	0
2020	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2021	LCE	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing		Redacted
2022	LCE	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing		Redacted
2023	LCE	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing		Redacted
2024	LCE	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing		Redacted
2025	LCE	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing		Redacted
2026	LCE	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing		Redacted
2027	LCE	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing		Redacted
2028	LCE	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing		Redacted
2029	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing		Redacted
2030	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing		Redacted
2031	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing		Redacted
2032	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing		Redacted
2033	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing		Redacted
2034	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing		Redacted
2035	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing		Redacted
2036	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing		Redacted
2037	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing		Redacted
2038	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing		Redacted
2039	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing		Redacted
2040	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing		Redacted
2041	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing		Redacted
2042	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing		Redacted
2043	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing		Redacted
2044	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing		Redacted
2045	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing		Redacted
2046	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing		Redacted
2047	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2021	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2022	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2023	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2024	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2025	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2026	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2027	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2028	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2029	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2030	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2031	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2032	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2033	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2034	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2035	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2036	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2037	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2038	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2039	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2040	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2041	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2042	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2043	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2044	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2045	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2046	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2047	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2021	Redacted	ok	existing_generic	1	0
2022	Redacted	ok	existing_generic	1	0
2023	Redacted	ok	existing_generic	1	0
2024	Redacted	ok	existing_generic	1	0
2025	Redacted	ok	existing_generic	1	0
2026	Redacted	ok	existing_generic	1	0
2027	Redacted	ok	existing_generic	1	0
2028	Redacted	ok	existing_generic	1	0
2029	Redacted	ok	existing_generic	1	0
2030	Redacted	ok	existing_generic	1	0
2031	Redacted	ok	existing_generic	1	0
2032	Redacted	ok	existing_generic	1	0
2033	Redacted	ok	existing_generic	1	0
2034	Redacted	ok	existing_generic	1	0
2035	Redacted	ok	existing_generic	1	0
2036	Redacted	ok	existing_generic	1	0
2037	Redacted	ok	existing_generic	1	0
2038	Redacted	ok	existing_generic	1	0
2039	Redacted	ok	existing_generic	1	0
2040	Redacted	ok	existing_generic	1	0
2041	Redacted	ok	existing_generic	1	0
2042	Redacted	ok	existing_generic	1	0
2043	Redacted	ok	existing_generic	1	0
2044	Redacted	ok	existing_generic	1	0
2045	Redacted	ok	existing_generic	1	0
2046	Redacted	ok	existing_generic	1	0
2047	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2048	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing		Redacted
2049	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing		Redacted
2050	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing		Redacted
2051	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing		Redacted
2052	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing		Redacted
2053	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing		Redacted
2054	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing		Redacted
2055	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing		Redacted
2056	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing		Redacted
2057	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing		Redacted
2058	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing		Redacted
2059	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing		Redacted
2060	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing		Redacted
2061	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing		Redacted
2062	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing		Redacted
2063	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing		Redacted
2064	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing		Redacted
2065	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing		Redacted
2066	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing		Redacted
2067	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing		Redacted
2068	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing		Redacted
2069	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing		Redacted
2070	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing		Redacted
2071	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing		Redacted
2072	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing		Redacted
2073	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing		Redacted
2074	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2048	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2049	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2050	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2051	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2052	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2053	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2054	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2055	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2056	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2057	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2058	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2059	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2060	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2061	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2062	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2063	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2064	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2065	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2066	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2067	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2068	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2069	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2070	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2071	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2072	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2073	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2074	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2048	Redacted	ok	existing_generic	1	0
2049	Redacted	ok	existing_generic	1	0
2050	Redacted	ok	existing_generic	1	0
2051	Redacted	ok	existing_generic	1	0
2052	Redacted	ok	existing_generic	1	0
2053	Redacted	ok	existing_generic	1	0
2054	Redacted	ok	existing_generic	1	0
2055	Redacted	ok	existing_generic	1	0
2056	Redacted	ok	existing_generic	1	0
2057	Redacted	ok	existing_generic	1	0
2058	Redacted	ok	existing_generic	1	0
2059	Redacted	ok	existing_generic	1	0
2060	Redacted	ok	existing_generic	1	0
2061	Redacted	ok	existing_generic	1	0
2062	Redacted	ok	existing_generic	1	0
2063	Redacted	ok	existing_generic	1	0
2064	Redacted	ok	existing_generic	1	0
2065	Redacted	ok	existing_generic	1	0
2066	Redacted	ok	existing_generic	1	0
2067	Redacted	ok	existing_generic	1	0
2068	Redacted	ok	existing_generic	1	0
2069	Redacted	ok	existing_generic	1	0
2070	Redacted	ok	existing_generic	1	0
2071	Redacted	ok	existing_generic	1	0
2072	Redacted	ok	existing_generic	1	0
2073	Redacted	ok	existing_generic	1	0
2074	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**
2048	Redacted	0	0	1	1	1	1	1	1	1	1
2049	Redacted	0	0	1	1	1	1	1	1	1	1
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	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2075	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing		Redacted
2076	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing		Redacted
2077	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing		Redacted
2078	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing		Redacted
2079	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing		Redacted
2080	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing		Redacted
2081	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing		Redacted
2082	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing		Redacted
2083	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing		Redacted
2084	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing		Redacted
2085	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing		Redacted
2086	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing		Redacted
2087	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing		Redacted
2088	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing		Redacted
2089	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing		Redacted
2090	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing		Redacted
2091	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing		Redacted
2092	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing		Redacted
2093	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing		Redacted
2094	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing		Redacted
2095	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing		Redacted
2096	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing		Redacted
2097	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing		Redacted
2098	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing		Redacted
2099	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing		Redacted
2100	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing		Redacted
2101	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2075	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2076	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2077	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2078	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2079	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2080	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2081	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2082	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2083	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2084	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2085	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2086	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2087	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2088	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2089	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2090	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2091	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2092	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2093	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2094	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2095	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2096	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2097	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2098	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2099	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2100	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2101	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2075	Redacted	ok	existing_generic	1	0
2076	Redacted	ok	existing_generic	1	0
2077	Redacted	ok	existing_generic	1	0
2078	Redacted	ok	existing_generic	1	0
2079	Redacted	ok	existing_generic	1	0
2080	Redacted	ok	existing_generic	1	0
2081	Redacted	ok	existing_generic	1	0
2082	Redacted	ok	existing_generic	1	0
2083	Redacted	ok	existing_generic	1	0
2084	Redacted	ok	existing_generic	1	0
2085	Redacted	ok	existing_generic	1	0
2086	Redacted	ok	existing_generic	1	0
2087	Redacted	ok	existing_generic	1	0
2088	Redacted	ok	existing_generic	1	0
2089	Redacted	ok	existing_generic	1	0
2090	Redacted	ok	existing_generic	1	0
2091	Redacted	ok	existing_generic	1	0
2092	Redacted	ok	existing_generic	1	0
2093	Redacted	ok	existing_generic	1	0
2094	Redacted	ok	existing_generic	1	0
2095	Redacted	ok	existing_generic	1	0
2096	Redacted	ok	existing_generic	1	0
2097	Redacted	ok	existing_generic	1	0
2098	Redacted	ok	existing_generic	1	0
2099	Redacted	ok	existing_generic	1	0
2100	Redacted	ok	existing_generic	1	0
2101	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
2100	Redacted	0	0	1	1	1	1	1	1	1	1
2101	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2102	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing		Redacted
2103	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing		Redacted
2104	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing		Redacted
2105	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing		Redacted
2106	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing		Redacted
2107	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing		Redacted
2108	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing		Redacted
2109	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing		Redacted
2110	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing		Redacted
2111	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing		Redacted
2112	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing		Redacted
2113	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing		Redacted
2114	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing		Redacted
2115	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing		Redacted
2116	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing		Redacted
2117	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing		Redacted
2118	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing		Redacted
2119	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing		Redacted
2120	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing		Redacted
2121	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing		Redacted
2122	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing		Redacted
2123	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing		Redacted
2124	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing		Redacted
2125	LCE	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing		Redacted
2126	LCE	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing		Redacted
2127	LCE	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing		Redacted
2128	LCE	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2102	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2103	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2104	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2105	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2106	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2107	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2108	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2109	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2110	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2111	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2112	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2113	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2114	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2115	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2116	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2117	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2118	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2119	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2120	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2121	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2122	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2123	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2124	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2125	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
2126	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2127	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
2128	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2102	Redacted	ok	existing_generic	1	0
2103	Redacted	ok	existing_generic	1	0
2104	Redacted	ok	existing_generic	1	0
2105	Redacted	ok	existing_generic	1	0
2106	Redacted	ok	existing_generic	1	0
2107	Redacted	ok	existing_generic	1	0
2108	Redacted	ok	existing_generic	1	0
2109	Redacted	ok	existing_generic	1	0
2110	Redacted	ok	existing_generic	1	0
2111	Redacted	ok	existing_generic	1	0
2112	Redacted	ok	existing_generic	1	0
2113	Redacted	ok	existing_generic	1	0
2114	Redacted	ok	existing_generic	1	0
2115	Redacted	ok	existing_generic	1	0
2116	Redacted	ok	existing_generic	1	0
2117	Redacted	ok	existing_generic	1	0
2118	Redacted	ok	existing_generic	1	0
2119	Redacted	ok	existing_generic	1	0
2120	Redacted	ok	existing_generic	1	0
2121	Redacted	ok	existing_generic	1	0
2122	Redacted	ok	existing_generic	1	0
2123	Redacted	ok	existing_generic	1	0
2124	Redacted	ok	existing_generic	1	0
2125	Redacted	ok	existing_generic	1	0
2126	Redacted	ok	existing_generic	1	0
2127	Redacted	ok	existing_generic	1	0
2128	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2129	LCE	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing		Redacted
2130	LCE	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing		Redacted
2131	LCE	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing		Redacted
2132	LCE	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing		Redacted
2133	LCE	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing		Redacted
2134	LCE	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing		Redacted
2135	LCE	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing		Redacted
2136	LCE	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing		Redacted
2137	LCE	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing		Redacted
2138	LCE	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing		Redacted
2139	LCE	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing		Redacted
2140	LCE	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing		Redacted
2141	LCE	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing		Redacted
2142	LCE	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing		Redacted
2143	LCE	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing		Redacted
2144	LCE	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing		Redacted
2145	LCE	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing		Redacted
2146	LCE	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing		Redacted
2147	LCE	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing		Redacted
2148	LCE	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing		Redacted
2149	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing		Redacted
2150	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing		Redacted
2151	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing		Redacted
2152	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing		Redacted
2153	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing		Redacted
2154	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing		Redacted
2155	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2129	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
2130	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
2131	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
2132	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2133	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2134	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
2135	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
2136	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2137	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
2138	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2139	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
2140	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
2141	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
2142	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
2143	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
2144	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2145	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2146	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
2147	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
2148	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2149	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
2150	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2151	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
2152	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
2153	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
2154	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
2155	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2129	Redacted	ok	existing_generic	1	0
2130	Redacted	ok	existing_generic	1	0
2131	Redacted	ok	existing_generic	1	0
2132	Redacted	ok	existing_generic	1	0
2133	Redacted	ok	existing_generic	1	0
2134	Redacted	ok	existing_generic	1	0
2135	Redacted	ok	existing_generic	1	0
2136	Redacted	ok	existing_generic	1	0
2137	Redacted	ok	existing_generic	1	0
2138	Redacted	ok	existing_generic	1	0
2139	Redacted	ok	existing_generic	1	0
2140	Redacted	ok	existing_generic	1	0
2141	Redacted	ok	existing_generic	1	0
2142	Redacted	ok	existing_generic	1	0
2143	Redacted	ok	existing_generic	1	0
2144	Redacted	ok	existing_generic	1	0
2145	Redacted	ok	existing_generic	1	0
2146	Redacted	ok	existing_generic	1	0
2147	Redacted	ok	existing_generic	1	0
2148	Redacted	ok	existing_generic	1	0
2149	Redacted	ok	existing_generic	1	0
2150	Redacted	ok	existing_generic	1	0
2151	Redacted	ok	existing_generic	1	0
2152	Redacted	ok	existing_generic	1	0
2153	Redacted	ok	existing_generic	1	0
2154	Redacted	ok	existing_generic	1	0
2155	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2156	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing		Redacted
2157	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing		Redacted
2158	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing		Redacted
2159	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing		Redacted
2160	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing		Redacted
2161	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing		Redacted
2162	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing		Redacted
2163	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing		Redacted
2164	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing		Redacted
2165	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing		Redacted
2166	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing		Redacted
2167	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing		Redacted
2168	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing		Redacted
2169	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing		Redacted
2170	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing		Redacted
2171	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing		Redacted
2172	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing		Redacted
2173	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing		Redacted
2174	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing		Redacted
2175	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing		Redacted
2176	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing		Redacted
2177	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing		Redacted
2178	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing		Redacted
2179	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing		Redacted
2180	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing		Redacted
2181	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing		Redacted
2182	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2156	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2157	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2158	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
2159	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
2160	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2161	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
2162	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2163	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
2164	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
2165	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
2166	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
2167	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
2168	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2169	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2170	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
2171	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
2172	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2173	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
2174	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2175	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
2176	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
2177	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
2178	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
2179	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
2180	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2181	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2182	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2156	Redacted	ok	existing_generic	1	0
2157	Redacted	ok	existing_generic	1	0
2158	Redacted	ok	existing_generic	1	0
2159	Redacted	ok	existing_generic	1	0
2160	Redacted	ok	existing_generic	1	0
2161	Redacted	ok	existing_generic	1	0
2162	Redacted	ok	existing_generic	1	0
2163	Redacted	ok	existing_generic	1	0
2164	Redacted	ok	existing_generic	1	0
2165	Redacted	ok	existing_generic	1	0
2166	Redacted	ok	existing_generic	1	0
2167	Redacted	ok	existing_generic	1	0
2168	Redacted	ok	existing_generic	1	0
2169	Redacted	ok	existing_generic	1	0
2170	Redacted	ok	existing_generic	1	0
2171	Redacted	ok	existing_generic	1	0
2172	Redacted	ok	existing_generic	1	0
2173	Redacted	ok	existing_generic	1	0
2174	Redacted	ok	existing_generic	1	0
2175	Redacted	ok	existing_generic	1	0
2176	Redacted	ok	existing_generic	1	0
2177	Redacted	ok	existing_generic	1	0
2178	Redacted	ok	existing_generic	1	0
2179	Redacted	ok	existing_generic	1	0
2180	Redacted	ok	existing_generic	1	0
2181	Redacted	ok	existing_generic	1	0
2182	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2183	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing		Redacted
2184	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing		Redacted
2185	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing		Redacted
2186	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing		Redacted
2187	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing		Redacted
2188	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing		Redacted
2189	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing		Redacted
2190	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing		Redacted
2191	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing		Redacted
2192	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing		Redacted
2193	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing		Redacted
2194	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing		Redacted
2195	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing		Redacted
2196	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing		Redacted
2197	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing		Redacted
2198	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing		Redacted
2199	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing		Redacted
2200	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing		Redacted
2201	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing		Redacted
2202	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing		Redacted
2203	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing		Redacted
2204	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing		Redacted
2205	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing		Redacted
2206	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing		Redacted
2207	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing		Redacted
2208	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing		Redacted
2209	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2183	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
2184	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2185	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
2186	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2187	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
2188	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
2189	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
2190	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
2191	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
2192	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2193	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2194	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
2195	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
2196	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2197	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
2198	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2199	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
2200	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
2201	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
2202	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
2203	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
2204	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2205	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2206	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
2207	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
2208	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2209	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2183	Redacted	ok	existing_generic	1	0
2184	Redacted	ok	existing_generic	1	0
2185	Redacted	ok	existing_generic	1	0
2186	Redacted	ok	existing_generic	1	0
2187	Redacted	ok	existing_generic	1	0
2188	Redacted	ok	existing_generic	1	0
2189	Redacted	ok	existing_generic	1	0
2190	Redacted	ok	existing_generic	1	0
2191	Redacted	ok	existing_generic	1	0
2192	Redacted	ok	existing_generic	1	0
2193	Redacted	ok	existing_generic	1	0
2194	Redacted	ok	existing_generic	1	0
2195	Redacted	ok	existing_generic	1	0
2196	Redacted	ok	existing_generic	1	0
2197	Redacted	ok	existing_generic	1	0
2198	Redacted	ok	existing_generic	1	0
2199	Redacted	ok	existing_generic	1	0
2200	Redacted	ok	existing_generic	1	0
2201	Redacted	ok	existing_generic	1	0
2202	Redacted	ok	existing_generic	1	0
2203	Redacted	ok	existing_generic	1	0
2204	Redacted	ok	existing_generic	1	0
2205	Redacted	ok	existing_generic	1	0
2206	Redacted	ok	existing_generic	1	0
2207	Redacted	ok	existing_generic	1	0
2208	Redacted	ok	existing_generic	1	0
2209	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2210	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing		Redacted
2211	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing		Redacted
2212	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing		Redacted
2213	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing		Redacted
2214	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing		Redacted
2215	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing		Redacted
2216	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing		Redacted
2217	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing		Redacted
2218	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing		Redacted
2219	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing		Redacted
2220	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing		Redacted
2221	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing		Redacted
2222	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing		Redacted
2223	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing		Redacted
2224	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing		Redacted
2225	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing		Redacted
2226	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing		Redacted
2227	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing		Redacted
2228	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing		Redacted
2229	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing		Redacted
2230	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing		Redacted
2231	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing		Redacted
2232	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing		Redacted
2233	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing		Redacted
2234	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing		Redacted
2235	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing		Redacted
2236	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2210	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2211	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
2212	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
2213	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
2214	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
2215	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
2216	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2217	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2218	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
2219	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
2220	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2221	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
2222	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2223	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
2224	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A
2225	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
2226	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
2227	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
2228	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2229	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2230	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
2231	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
2232	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2233	Redacted	Redacted	1	Redacted	Redacted	0.82	1	#N/A
2234	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2235	Redacted	Redacted	1	Redacted	Redacted	0.84	1	#N/A
2236	Redacted	Redacted	1	Redacted	Redacted	0.76	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2210	Redacted	ok	existing_generic	1	0
2211	Redacted	ok	existing_generic	1	0
2212	Redacted	ok	existing_generic	1	0
2213	Redacted	ok	existing_generic	1	0
2214	Redacted	ok	existing_generic	1	0
2215	Redacted	ok	existing_generic	1	0
2216	Redacted	ok	existing_generic	1	0
2217	Redacted	ok	existing_generic	1	0
2218	Redacted	ok	existing_generic	1	0
2219	Redacted	ok	existing_generic	1	0
2220	Redacted	ok	existing_generic	1	0
2221	Redacted	ok	existing_generic	1	0
2222	Redacted	ok	existing_generic	1	0
2223	Redacted	ok	existing_generic	1	0
2224	Redacted	ok	existing_generic	1	0
2225	Redacted	ok	existing_generic	1	0
2226	Redacted	ok	existing_generic	1	0
2227	Redacted	ok	existing_generic	1	0
2228	Redacted	ok	existing_generic	1	0
2229	Redacted	ok	existing_generic	1	0
2230	Redacted	ok	existing_generic	1	0
2231	Redacted	ok	existing_generic	1	0
2232	Redacted	ok	existing_generic	1	0
2233	Redacted	ok	existing_generic	1	0
2234	Redacted	ok	existing_generic	1	0
2235	Redacted	ok	existing_generic	1	0
2236	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2237	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing		Redacted
2238	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing		Redacted
2239	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing		Redacted
2240	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing		Redacted
2241	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing		Redacted
2242	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing		Redacted
2243	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing		Redacted
2244	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing		Redacted
2245	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing		Redacted
2246	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing		Redacted
2247	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing		Redacted
2248	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing		Redacted
2249	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing		Redacted
2250	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing		Redacted
2251	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing		Redacted
2252	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing		Redacted
2253	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing		Redacted
2254	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing		Redacted
2255	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing		Redacted
2256	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing		Redacted
2257	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing		Redacted
2258	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing		Redacted
2259	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing		Redacted
2260	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing		Redacted
2261	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing		Redacted
2262	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing		Redacted
2263	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2237	Redacted	Redacted	1	Redacted	Redacted	0.83	1	#N/A
2238	Redacted	Redacted	1	Redacted	Redacted	0.89	1	#N/A
2239	Redacted	Redacted	1	Redacted	Redacted	0.87	1	#N/A
2240	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2241	Redacted	Redacted	1	Redacted	Redacted	0.9	1	#N/A
2242	Redacted	Redacted	1	Redacted	Redacted	0.81	1	#N/A
2243	Redacted	Redacted	1	Redacted	Redacted	0.85	1	#N/A
2244	Redacted	Redacted	1	Redacted	Redacted	0.86	1	#N/A
2245	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2246	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2247	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2248	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2249	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2250	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2251	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2252	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2253	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2254	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2255	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2256	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2257	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2258	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2259	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2260	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2261	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2262	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2263	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2237	Redacted	ok	existing_generic	1	0
2238	Redacted	ok	existing_generic	1	0
2239	Redacted	ok	existing_generic	1	0
2240	Redacted	ok	existing_generic	1	0
2241	Redacted	ok	existing_generic	1	0
2242	Redacted	ok	existing_generic	1	0
2243	Redacted	ok	existing_generic	1	0
2244	Redacted	ok	existing_generic	1	0
2245	Redacted	ok	existing_generic	1	0
2246	Redacted	ok	existing_generic	1	0
2247	Redacted	ok	existing_generic	1	0
2248	Redacted	ok	existing_generic	1	0
2249	Redacted	ok	existing_generic	1	0
2250	Redacted	ok	existing_generic	1	0
2251	Redacted	ok	existing_generic	1	0
2252	Redacted	ok	existing_generic	1	0
2253	Redacted	ok	existing_generic	1	0
2254	Redacted	ok	existing_generic	1	0
2255	Redacted	ok	existing_generic	1	0
2256	Redacted	ok	existing_generic	1	0
2257	Redacted	ok	existing_generic	1	0
2258	Redacted	ok	existing_generic	1	0
2259	Redacted	ok	existing_generic	1	0
2260	Redacted	ok	existing_generic	1	0
2261	Redacted	ok	existing_generic	1	0
2262	Redacted	ok	existing_generic	1	0
2263	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2264	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing		Redacted
2265	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing		Redacted
2266	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing		Redacted
2267	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing		Redacted
2268	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing		Redacted
2269	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing		Redacted
2270	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing		Redacted
2271	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing		Redacted
2272	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing		Redacted
2273	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing		Redacted
2274	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing		Redacted
2275	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing		Redacted
2276	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing		Redacted
2277	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing		Redacted
2278	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing		Redacted
2279	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing		Redacted
2280	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing		Redacted
2281	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing		Redacted
2282	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing		Redacted
2283	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing		Redacted
2284	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing		Redacted
2285	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing		Redacted
2286	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing		Redacted
2287	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing		Redacted
2288	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing		Redacted
2289	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing		Redacted
2290	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2264	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2265	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2266	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2267	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2268	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2269	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2270	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2271	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2272	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2273	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2274	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2275	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2276	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2277	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2278	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2279	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2280	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2281	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2282	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2283	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2284	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2285	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2286	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2287	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2288	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2289	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2290	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2264	Redacted	ok	existing_generic	1	0
2265	Redacted	ok	existing_generic	1	0
2266	Redacted	ok	existing_generic	1	0
2267	Redacted	ok	existing_generic	1	0
2268	Redacted	ok	existing_generic	1	0
2269	Redacted	ok	existing_generic	1	0
2270	Redacted	ok	existing_generic	1	0
2271	Redacted	ok	existing_generic	1	0
2272	Redacted	ok	existing_generic	1	0
2273	Redacted	ok	existing_generic	1	0
2274	Redacted	ok	existing_generic	1	0
2275	Redacted	ok	existing_generic	1	0
2276	Redacted	ok	existing_generic	1	0
2277	Redacted	ok	existing_generic	1	0
2278	Redacted	ok	existing_generic	1	0
2279	Redacted	ok	existing_generic	1	0
2280	Redacted	ok	existing_generic	1	0
2281	Redacted	ok	existing_generic	1	0
2282	Redacted	ok	existing_generic	1	0
2283	Redacted	ok	existing_generic	1	0
2284	Redacted	ok	existing_generic	1	0
2285	Redacted	ok	existing_generic	1	0
2286	Redacted	ok	existing_generic	1	0
2287	Redacted	ok	existing_generic	1	0
2288	Redacted	ok	existing_generic	1	0
2289	Redacted	ok	existing_generic	1	0
2290	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2291	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing		Redacted
2292	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing		Redacted
2293	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing		Redacted
2294	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing		Redacted
2295	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing		Redacted
2296	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing		Redacted
2297	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing		Redacted
2298	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing		Redacted
2299	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing		Redacted
2300	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing		Redacted
2301	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing		Redacted
2302	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing		Redacted
2303	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing		Redacted
2304	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing		Redacted
2305	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing		Redacted
2306	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing		Redacted
2307	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing		Redacted
2308	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing		Redacted
2309	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing		Redacted
2310	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing		Redacted
2311	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing		Redacted
2312	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing		Redacted
2313	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing		Redacted
2314	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing		Redacted
2315	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing		Redacted
2316	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing		Redacted
2317	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2291	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2292	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2293	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2294	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2295	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2296	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2297	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2298	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2299	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2300	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2301	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2302	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2303	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2304	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2305	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2306	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2307	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2308	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2309	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2310	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2311	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2312	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2313	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2314	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2315	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2316	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2317	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2291	Redacted	ok	existing_generic	1	0
2292	Redacted	ok	existing_generic	1	0
2293	Redacted	ok	existing_generic	1	0
2294	Redacted	ok	existing_generic	1	0
2295	Redacted	ok	existing_generic	1	0
2296	Redacted	ok	existing_generic	1	0
2297	Redacted	ok	existing_generic	1	0
2298	Redacted	ok	existing_generic	1	0
2299	Redacted	ok	existing_generic	1	0
2300	Redacted	ok	existing_generic	1	0
2301	Redacted	ok	existing_generic	1	0
2302	Redacted	ok	existing_generic	1	0
2303	Redacted	ok	existing_generic	1	0
2304	Redacted	ok	existing_generic	1	0
2305	Redacted	ok	existing_generic	1	0
2306	Redacted	ok	existing_generic	1	0
2307	Redacted	ok	existing_generic	1	0
2308	Redacted	ok	existing_generic	1	0
2309	Redacted	ok	existing_generic	1	0
2310	Redacted	ok	existing_generic	1	0
2311	Redacted	ok	existing_generic	1	0
2312	Redacted	ok	existing_generic	1	0
2313	Redacted	ok	existing_generic	1	0
2314	Redacted	ok	existing_generic	1	0
2315	Redacted	ok	existing_generic	1	0
2316	Redacted	ok	existing_generic	1	0
2317	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2318	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing		Redacted
2319	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing		Redacted
2320	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing		Redacted
2321	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing		Redacted
2322	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing		Redacted
2323	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing		Redacted
2324	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing		Redacted
2325	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing		Redacted
2326	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing		Redacted
2327	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing		Redacted
2328	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing		Redacted
2329	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing		Redacted
2330	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing		Redacted
2331	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing		Redacted
2332	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing		Redacted
2333	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing		Redacted
2334	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing		Redacted
2335	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing		Redacted
2336	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing		Redacted
2337	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing		Redacted
2338	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing		Redacted
2339	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing		Redacted
2340	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing		Redacted
2341	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing		Redacted
2342	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing		Redacted
2343	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing		Redacted
2344	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2318	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2319	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2320	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2321	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2322	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2323	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2324	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2325	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2326	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2327	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2328	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2329	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2330	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2331	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2332	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2333	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2334	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2335	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2336	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2337	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2338	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2339	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2340	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2341	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2342	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2343	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2344	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2318	Redacted	ok	existing_generic	1	0
2319	Redacted	ok	existing_generic	1	0
2320	Redacted	ok	existing_generic	1	0
2321	Redacted	ok	existing_generic	1	0
2322	Redacted	ok	existing_generic	1	0
2323	Redacted	ok	existing_generic	1	0
2324	Redacted	ok	existing_generic	1	0
2325	Redacted	ok	existing_generic	1	0
2326	Redacted	ok	existing_generic	1	0
2327	Redacted	ok	existing_generic	1	0
2328	Redacted	ok	existing_generic	1	0
2329	Redacted	ok	existing_generic	1	0
2330	Redacted	ok	existing_generic	1	0
2331	Redacted	ok	existing_generic	1	0
2332	Redacted	ok	existing_generic	1	0
2333	Redacted	ok	existing_generic	1	0
2334	Redacted	ok	existing_generic	1	0
2335	Redacted	ok	existing_generic	1	0
2336	Redacted	ok	existing_generic	1	0
2337	Redacted	ok	existing_generic	1	0
2338	Redacted	ok	existing_generic	1	0
2339	Redacted	ok	existing_generic	1	0
2340	Redacted	ok	existing_generic	1	0
2341	Redacted	ok	existing_generic	1	0
2342	Redacted	ok	existing_generic	1	0
2343	Redacted	ok	existing_generic	1	0
2344	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2345	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing		Redacted
2346	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing		Redacted
2347	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing		Redacted
2348	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing		Redacted
2349	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing		Redacted
2350	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing		Redacted
2351	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing		Redacted
2352	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing		Redacted
2353	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing		Redacted
2354	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing		Redacted
2355	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing		Redacted
2356	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing		Redacted
2357	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing		Redacted
2358	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing		Redacted
2359	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing		Redacted
2360	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing		Redacted
2361	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing		Redacted
2362	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing		Redacted
2363	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing		Redacted
2364	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing		Redacted
2365	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing		Redacted
2366	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing		Redacted
2367	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing		Redacted
2368	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing		Redacted
2369	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing		Redacted
2370	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing		Redacted
2371	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2345	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2346	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2347	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2348	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2349	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2350	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2351	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2352	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2353	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2354	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2355	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2356	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2357	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2358	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2359	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2360	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2361	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2362	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2363	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2364	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2365	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2366	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2367	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2368	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2369	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2370	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2371	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2345	Redacted	ok	existing_generic	1	0
2346	Redacted	ok	existing_generic	1	0
2347	Redacted	ok	existing_generic	1	0
2348	Redacted	ok	existing_generic	1	0
2349	Redacted	ok	existing_generic	1	0
2350	Redacted	ok	existing_generic	1	0
2351	Redacted	ok	existing_generic	1	0
2352	Redacted	ok	existing_generic	1	0
2353	Redacted	ok	existing_generic	1	0
2354	Redacted	ok	existing_generic	1	0
2355	Redacted	ok	existing_generic	1	0
2356	Redacted	ok	existing_generic	1	0
2357	Redacted	ok	existing_generic	1	0
2358	Redacted	ok	existing_generic	1	0
2359	Redacted	ok	existing_generic	1	0
2360	Redacted	ok	existing_generic	1	0
2361	Redacted	ok	existing_generic	1	0
2362	Redacted	ok	existing_generic	1	0
2363	Redacted	ok	existing_generic	1	0
2364	Redacted	ok	existing_generic	1	0
2365	Redacted	ok	existing_generic	1	0
2366	Redacted	ok	existing_generic	1	0
2367	Redacted	ok	existing_generic	1	0
2368	Redacted	ok	existing_generic	1	0
2369	Redacted	ok	existing_generic	1	0
2370	Redacted	ok	existing_generic	1	0
2371	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2372	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing		Redacted
2373	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing		Redacted
2374	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing		Redacted
2375	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing		Redacted
2376	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing		Redacted
2377	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing		Redacted
2378	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing		Redacted
2379	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing		Redacted
2380	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing		Redacted
2381	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing		Redacted
2382	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing		Redacted
2383	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing		Redacted
2384	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing		Redacted
2385	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing		Redacted
2386	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing		Redacted
2387	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing		Redacted
2388	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing		Redacted
2389	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing		Redacted
2390	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing		Redacted
2391	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing		Redacted
2392	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing		Redacted
2393	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing		Redacted
2394	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing		Redacted
2395	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing		Redacted
2396	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing		Redacted
2397	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing		Redacted
2398	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2372	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2373	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2374	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2375	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2376	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2377	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2378	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2379	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2380	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2381	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2382	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2383	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2384	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2385	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2386	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2387	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2388	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2389	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2390	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2391	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2392	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2393	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2394	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2395	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2396	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2397	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2398	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2372	Redacted	ok	existing_generic	1	0
2373	Redacted	ok	existing_generic	1	0
2374	Redacted	ok	existing_generic	1	0
2375	Redacted	ok	existing_generic	1	0
2376	Redacted	ok	existing_generic	1	0
2377	Redacted	ok	existing_generic	1	0
2378	Redacted	ok	existing_generic	1	0
2379	Redacted	ok	existing_generic	1	0
2380	Redacted	ok	existing_generic	1	0
2381	Redacted	ok	existing_generic	1	0
2382	Redacted	ok	existing_generic	1	0
2383	Redacted	ok	existing_generic	1	0
2384	Redacted	ok	existing_generic	1	0
2385	Redacted	ok	existing_generic	1	0
2386	Redacted	ok	existing_generic	1	0
2387	Redacted	ok	existing_generic	1	0
2388	Redacted	ok	existing_generic	1	0
2389	Redacted	ok	existing_generic	1	0
2390	Redacted	ok	existing_generic	1	0
2391	Redacted	ok	existing_generic	1	0
2392	Redacted	ok	existing_generic	1	0
2393	Redacted	ok	existing_generic	1	0
2394	Redacted	ok	existing_generic	1	0
2395	Redacted	ok	existing_generic	1	0
2396	Redacted	ok	existing_generic	1	0
2397	Redacted	ok	existing_generic	1	0
2398	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2399	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing		Redacted
2400	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing		Redacted
2401	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing		Redacted
2402	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing		Redacted
2403	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing		Redacted
2404	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing		Redacted
2405	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing		Redacted
2406	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing		Redacted
2407	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing		Redacted
2408	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing		Redacted
2409	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing		Redacted
2410	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing		Redacted
2411	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing		Redacted
2412	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing		Redacted
2413	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing		Redacted
2414	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing		Redacted
2415	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing		Redacted
2416	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing		Redacted
2417	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_existing		Redacted
2418	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_existing		Redacted
2419	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_existing		Redacted
2420	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_existing		Redacted
2421	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_existing		Redacted
2422	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_existing		Redacted
2423	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_existing		Redacted
2424	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_existing		Redacted
2425	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2399	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2400	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2401	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2402	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2403	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2404	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2405	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2406	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2407	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2408	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2409	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2410	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2411	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2412	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2413	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A
2414	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2415	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2416	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2417	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2418	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2419	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2420	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2421	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2422	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2423	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2424	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2425	Redacted	Redacted	1	Redacted	Redacted	0.6	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2399	Redacted	ok	existing_generic	1	0
2400	Redacted	ok	existing_generic	1	0
2401	Redacted	ok	existing_generic	1	0
2402	Redacted	ok	existing_generic	1	0
2403	Redacted	ok	existing_generic	1	0
2404	Redacted	ok	existing_generic	1	0
2405	Redacted	ok	existing_generic	1	0
2406	Redacted	ok	existing_generic	1	0
2407	Redacted	ok	existing_generic	1	0
2408	Redacted	ok	existing_generic	1	0
2409	Redacted	ok	existing_generic	1	0
2410	Redacted	ok	existing_generic	1	0
2411	Redacted	ok	existing_generic	1	0
2412	Redacted	ok	existing_generic	1	0
2413	Redacted	ok	existing_generic	1	0
2414	Redacted	ok	existing_generic	1	0
2415	Redacted	ok	existing_generic	1	0
2416	Redacted	ok	existing_generic	1	0
2417	Redacted	ok	existing_generic	1	0
2418	Redacted	ok	existing_generic	1	0
2419	Redacted	ok	existing_generic	1	0
2420	Redacted	ok	existing_generic	1	0
2421	Redacted	ok	existing_generic	1	0
2422	Redacted	ok	existing_generic	1	0
2423	Redacted	ok	existing_generic	1	0
2424	Redacted	ok	existing_generic	1	0
2425	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**
2399	Redacted	0	0	1	1	1	1	1	1	1	1
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
2425	Redacted	0	0	1	1	1	1	1	1	1	1

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2426	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_existing		Redacted
2427	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_existing		Redacted
2428	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_existing		Redacted
2429	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_existing		Redacted
2430	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_existing		Redacted
2431	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_existing		Redacted
2432	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_existing		Redacted
2433	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_existing		Redacted
2434	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_existing		Redacted
2435	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_existing		Redacted
2436	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_existing		Redacted
2437	LCE	Redacted	Redacted	2026	1	Redacted		Redacted	planned_new	8	Redacted
2438	LCE	Redacted	Redacted	2026	2	Redacted		Redacted	planned_new	8	Redacted
2439	LCE	Redacted	Redacted	2026	3	Redacted		Redacted	planned_new	8	Redacted
2440	LCE	Redacted	Redacted	2026	4	Redacted		Redacted	planned_new	8	Redacted
2441	LCE	Redacted	Redacted	2026	5	Redacted		Redacted	planned_new	8	Redacted
2442	LCE	Redacted	Redacted	2026	6	Redacted		Redacted	planned_new	8	Redacted
2443	LCE	Redacted	Redacted	2026	7	Redacted		Redacted	planned_new	8	Redacted
2444	LCE	Redacted	Redacted	2026	8	Redacted		Redacted	planned_new	8	Redacted
2445	LCE	Redacted	Redacted	2026	9	Redacted		Redacted	planned_new	8	Redacted
2446	LCE	Redacted	Redacted	2026	10	Redacted		Redacted	planned_new	8	Redacted
2447	LCE	Redacted	Redacted	2026	11	Redacted		Redacted	planned_new	8	Redacted
2448	LCE	Redacted	Redacted	2026	12	Redacted		Redacted	planned_new	8	Redacted
2449	LCE	Redacted	Redacted	2027	1	Redacted		Redacted	planned_new	8	Redacted
2450	LCE	Redacted	Redacted	2027	2	Redacted		Redacted	planned_new	8	Redacted
2451	LCE	Redacted	Redacted	2027	3	Redacted		Redacted	planned_new	8	Redacted
2452	LCE	Redacted	Redacted	2027	4	Redacted		Redacted	planned_new	8	Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2426	Redacted	Redacted	1	Redacted	Redacted	0.7	1	#N/A
2427	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2428	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2429	Redacted	Redacted	1	Redacted	Redacted	0.69	1	#N/A
2430	Redacted	Redacted	1	Redacted	Redacted	0.74	1	#N/A
2431	Redacted	Redacted	1	Redacted	Redacted	0.73	1	#N/A
2432	Redacted	Redacted	1	Redacted	Redacted	0.72	1	#N/A
2433	Redacted	Redacted	1	Redacted	Redacted	0.71	1	#N/A
2434	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2435	Redacted	Redacted	1	Redacted	Redacted	0.56	1	#N/A
2436	Redacted	Redacted	1	Redacted	Redacted	0.64	1	#N/A
2437	Redacted	Redacted	0	Redacted	Redacted	1	1	Redacted
2438	Redacted	Redacted	0	Redacted	Redacted	1	1	Redacted
2439	Redacted	Redacted	0	Redacted	Redacted	1	1	Redacted
2440	Redacted	Redacted	0	Redacted	Redacted	1	1	Redacted
2441	Redacted	Redacted	0	Redacted	Redacted	1	1	Redacted
2442	Redacted	Redacted	0	Redacted	Redacted	1	1	Redacted
2443	Redacted	Redacted	0	Redacted	Redacted	1	1	Redacted
2444	Redacted	Redacted	0	Redacted	Redacted	1	1	Redacted
2445	Redacted	Redacted	0	Redacted	Redacted	1	1	Redacted
2446	Redacted	Redacted	0	Redacted	Redacted	1	1	Redacted
2447	Redacted	Redacted	0	Redacted	Redacted	1	1	Redacted
2448	Redacted	Redacted	0	Redacted	Redacted	1	1	Redacted
2449	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	Redacted
2450	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	Redacted
2451	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	Redacted
2452	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	Redacted

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2426	Redacted	ok	existing_generic	1	0
2427	Redacted	ok	existing_generic	1	0
2428	Redacted	ok	existing_generic	1	0
2429	Redacted	ok	existing_generic	1	0
2430	Redacted	ok	existing_generic	1	0
2431	Redacted	ok	existing_generic	1	0
2432	Redacted	ok	existing_generic	1	0
2433	Redacted	ok	existing_generic	1	0
2434	Redacted	ok	existing_generic	1	0
2435	Redacted	ok	existing_generic	1	0
2436	Redacted	ok	existing_generic	1	0
2437	Redacted	ok	new_resolve	0	1
2438	Redacted	ok	new_resolve	0	1
2439	Redacted	ok	new_resolve	0	1
2440	Redacted	ok	new_resolve	0	1
2441	Redacted	ok	new_resolve	0	1
2442	Redacted	ok	new_resolve	0	1
2443	Redacted	ok	new_resolve	0	1
2444	Redacted	ok	new_resolve	0	1
2445	Redacted	ok	new_resolve	0	1
2446	Redacted	ok	new_resolve	0	1
2447	Redacted	ok	new_resolve	0	1
2448	Redacted	ok	new_resolve	0	1
2449	Redacted	ok	new_resolve	0	1
2450	Redacted	ok	new_resolve	0	1
2451	Redacted	ok	new_resolve	0	1
2452	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2453	LCE	Redacted	Redacted	2027	5	Redacted		Redacted	planned_new	8	Redacted
2454	LCE	Redacted	Redacted	2027	6	Redacted		Redacted	planned_new	8	Redacted
2455	LCE	Redacted	Redacted	2027	7	Redacted		Redacted	planned_new	8	Redacted
2456	LCE	Redacted	Redacted	2027	8	Redacted		Redacted	planned_new	8	Redacted
2457	LCE	Redacted	Redacted	2027	9	Redacted		Redacted	planned_new	8	Redacted
2458	LCE	Redacted	Redacted	2027	10	Redacted		Redacted	planned_new	8	Redacted
2459	LCE	Redacted	Redacted	2027	11	Redacted		Redacted	planned_new	8	Redacted
2460	LCE	Redacted	Redacted	2027	12	Redacted		Redacted	planned_new	8	Redacted
2461	LCE	Redacted	Redacted	2028	1	Redacted		Redacted	planned_new	8	Redacted
2462	LCE	Redacted	Redacted	2028	2	Redacted		Redacted	planned_new	8	Redacted
2463	LCE	Redacted	Redacted	2028	3	Redacted		Redacted	planned_new	8	Redacted
2464	LCE	Redacted	Redacted	2028	4	Redacted		Redacted	planned_new	8	Redacted
2465	LCE	Redacted	Redacted	2028	5	Redacted		Redacted	planned_new	8	Redacted
2466	LCE	Redacted	Redacted	2028	6	Redacted		Redacted	planned_new	8	Redacted
2467	LCE	Redacted	Redacted	2028	7	Redacted		Redacted	planned_new	8	Redacted
2468	LCE	Redacted	Redacted	2028	8	Redacted		Redacted	planned_new	8	Redacted
2469	LCE	Redacted	Redacted	2028	9	Redacted		Redacted	planned_new	8	Redacted
2470	LCE	Redacted	Redacted	2028	10	Redacted		Redacted	planned_new	8	Redacted
2471	LCE	Redacted	Redacted	2028	11	Redacted		Redacted	planned_new	8	Redacted
2472	LCE	Redacted	Redacted	2028	12	Redacted		Redacted	planned_new	8	Redacted
2473	LCE	Redacted	Redacted	2029	1	Redacted		Redacted	planned_new	8	Redacted
2474	LCE	Redacted	Redacted	2029	2	Redacted		Redacted	planned_new	8	Redacted
2475	LCE	Redacted	Redacted	2029	3	Redacted		Redacted	planned_new	8	Redacted
2476	LCE	Redacted	Redacted	2029	4	Redacted		Redacted	planned_new	8	Redacted
2477	LCE	Redacted	Redacted	2029	5	Redacted		Redacted	planned_new	8	Redacted
2478	LCE	Redacted	Redacted	2029	6	Redacted		Redacted	planned_new	8	Redacted
2479	LCE	Redacted	Redacted	2029	7	Redacted		Redacted	planned_new	8	Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2453	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	Redacted
2454	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	Redacted
2455	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	Redacted
2456	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	Redacted
2457	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	Redacted
2458	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	Redacted
2459	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	Redacted
2460	Redacted	Redacted	0	Redacted	Redacted	0.983012835	1	Redacted
2461	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	Redacted
2462	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	Redacted
2463	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	Redacted
2464	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	Redacted
2465	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	Redacted
2466	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	Redacted
2467	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	Redacted
2468	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	Redacted
2469	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	Redacted
2470	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	Redacted
2471	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	Redacted
2472	Redacted	Redacted	0	Redacted	Redacted	0.966025669	1	Redacted
2473	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	Redacted
2474	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	Redacted
2475	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	Redacted
2476	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	Redacted
2477	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	Redacted
2478	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	Redacted
2479	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	Redacted

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2453	Redacted	ok	new_resolve	0	1
2454	Redacted	ok	new_resolve	0	1
2455	Redacted	ok	new_resolve	0	1
2456	Redacted	ok	new_resolve	0	1
2457	Redacted	ok	new_resolve	0	1
2458	Redacted	ok	new_resolve	0	1
2459	Redacted	ok	new_resolve	0	1
2460	Redacted	ok	new_resolve	0	1
2461	Redacted	ok	new_resolve	0	1
2462	Redacted	ok	new_resolve	0	1
2463	Redacted	ok	new_resolve	0	1
2464	Redacted	ok	new_resolve	0	1
2465	Redacted	ok	new_resolve	0	1
2466	Redacted	ok	new_resolve	0	1
2467	Redacted	ok	new_resolve	0	1
2468	Redacted	ok	new_resolve	0	1
2469	Redacted	ok	new_resolve	0	1
2470	Redacted	ok	new_resolve	0	1
2471	Redacted	ok	new_resolve	0	1
2472	Redacted	ok	new_resolve	0	1
2473	Redacted	ok	new_resolve	0	1
2474	Redacted	ok	new_resolve	0	1
2475	Redacted	ok	new_resolve	0	1
2476	Redacted	ok	new_resolve	0	1
2477	Redacted	ok	new_resolve	0	1
2478	Redacted	ok	new_resolve	0	1
2479	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2480	LCE	Redacted	Redacted	2029	8	Redacted		Redacted	planned_new	8	Redacted
2481	LCE	Redacted	Redacted	2029	9	Redacted		Redacted	planned_new	8	Redacted
2482	LCE	Redacted	Redacted	2029	10	Redacted		Redacted	planned_new	8	Redacted
2483	LCE	Redacted	Redacted	2029	11	Redacted		Redacted	planned_new	8	Redacted
2484	LCE	Redacted	Redacted	2029	12	Redacted		Redacted	planned_new	8	Redacted
2485	LCE	Redacted	Redacted	2030	1	Redacted		Redacted	planned_new	8	Redacted
2486	LCE	Redacted	Redacted	2030	2	Redacted		Redacted	planned_new	8	Redacted
2487	LCE	Redacted	Redacted	2030	3	Redacted		Redacted	planned_new	8	Redacted
2488	LCE	Redacted	Redacted	2030	4	Redacted		Redacted	planned_new	8	Redacted
2489	LCE	Redacted	Redacted	2030	5	Redacted		Redacted	planned_new	8	Redacted
2490	LCE	Redacted	Redacted	2030	6	Redacted		Redacted	planned_new	8	Redacted
2491	LCE	Redacted	Redacted	2030	7	Redacted		Redacted	planned_new	8	Redacted
2492	LCE	Redacted	Redacted	2030	8	Redacted		Redacted	planned_new	8	Redacted
2493	LCE	Redacted	Redacted	2030	9	Redacted		Redacted	planned_new	8	Redacted
2494	LCE	Redacted	Redacted	2030	10	Redacted		Redacted	planned_new	8	Redacted
2495	LCE	Redacted	Redacted	2030	11	Redacted		Redacted	planned_new	8	Redacted
2496	LCE	Redacted	Redacted	2030	12	Redacted		Redacted	planned_new	8	Redacted
2497	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_new	4	Redacted
2498	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_new	4	Redacted
2499	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_new	4	Redacted
2500	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_new	4	Redacted
2501	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_new	4	Redacted
2502	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_new	4	Redacted
2503	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_new	4	Redacted
2504	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_new	4	Redacted
2505	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_new	4	Redacted
2506	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_new	4	Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2480	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	Redacted
2481	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	Redacted
2482	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	Redacted
2483	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	Redacted
2484	Redacted	Redacted	0	Redacted	Redacted	0.949038504	1	Redacted
2485	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	Redacted
2486	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	Redacted
2487	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	Redacted
2488	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	Redacted
2489	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	Redacted
2490	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	Redacted
2491	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	Redacted
2492	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	Redacted
2493	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	Redacted
2494	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	Redacted
2495	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	Redacted
2496	Redacted	Redacted	0	Redacted	Redacted	0.932051338	1	Redacted
2497	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2498	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2499	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2500	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2501	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2502	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2503	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2504	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2505	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2506	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2480	Redacted	ok	new_resolve	0	1
2481	Redacted	ok	new_resolve	0	1
2482	Redacted	ok	new_resolve	0	1
2483	Redacted	ok	new_resolve	0	1
2484	Redacted	ok	new_resolve	0	1
2485	Redacted	ok	new_resolve	0	1
2486	Redacted	ok	new_resolve	0	1
2487	Redacted	ok	new_resolve	0	1
2488	Redacted	ok	new_resolve	0	1
2489	Redacted	ok	new_resolve	0	1
2490	Redacted	ok	new_resolve	0	1
2491	Redacted	ok	new_resolve	0	1
2492	Redacted	ok	new_resolve	0	1
2493	Redacted	ok	new_resolve	0	1
2494	Redacted	ok	new_resolve	0	1
2495	Redacted	ok	new_resolve	0	1
2496	Redacted	ok	new_resolve	0	1
2497	Redacted	ok	new_resolve	1	1
2498	Redacted	ok	new_resolve	1	1
2499	Redacted	ok	new_resolve	1	1
2500	Redacted	ok	new_resolve	1	1
2501	Redacted	ok	new_resolve	1	1
2502	Redacted	ok	new_resolve	1	1
2503	Redacted	ok	new_resolve	1	1
2504	Redacted	ok	new_resolve	1	1
2505	Redacted	ok	new_resolve	1	1
2506	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2507	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_new	4	Redacted
2508	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_new	4	Redacted
2509	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_new	4	Redacted
2510	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_new	4	Redacted
2511	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_new	4	Redacted
2512	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_new	4	Redacted
2513	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_new	4	Redacted
2514	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_new	4	Redacted
2515	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_new	4	Redacted
2516	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_new	4	Redacted
2517	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_new	4	Redacted
2518	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_new	4	Redacted
2519	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_new	4	Redacted
2520	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_new	4	Redacted
2521	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_new	4	Redacted
2522	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_new	4	Redacted
2523	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_new	4	Redacted
2524	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_new	4	Redacted
2525	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_new	4	Redacted
2526	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_new	4	Redacted
2527	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_new	4	Redacted
2528	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_new	4	Redacted
2529	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_new	4	Redacted
2530	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_new	4	Redacted
2531	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_new	4	Redacted
2532	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_new	4	Redacted
2533	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_new	4	Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2507	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2508	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2509	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2510	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2511	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2512	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2513	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2514	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2515	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2516	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2517	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2518	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2519	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2520	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2521	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2522	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2523	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2524	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2525	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2526	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2527	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2528	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2529	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2530	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2531	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2532	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2533	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2507	Redacted	ok	new_resolve	1	1
2508	Redacted	ok	new_resolve	1	1
2509	Redacted	ok	new_resolve	1	1
2510	Redacted	ok	new_resolve	1	1
2511	Redacted	ok	new_resolve	1	1
2512	Redacted	ok	new_resolve	1	1
2513	Redacted	ok	new_resolve	1	1
2514	Redacted	ok	new_resolve	1	1
2515	Redacted	ok	new_resolve	1	1
2516	Redacted	ok	new_resolve	1	1
2517	Redacted	ok	new_resolve	1	1
2518	Redacted	ok	new_resolve	1	1
2519	Redacted	ok	new_resolve	1	1
2520	Redacted	ok	new_resolve	1	1
2521	Redacted	ok	new_resolve	1	1
2522	Redacted	ok	new_resolve	1	1
2523	Redacted	ok	new_resolve	1	1
2524	Redacted	ok	new_resolve	1	1
2525	Redacted	ok	new_resolve	1	1
2526	Redacted	ok	new_resolve	1	1
2527	Redacted	ok	new_resolve	1	1
2528	Redacted	ok	new_resolve	1	1
2529	Redacted	ok	new_resolve	1	1
2530	Redacted	ok	new_resolve	1	1
2531	Redacted	ok	new_resolve	1	1
2532	Redacted	ok	new_resolve	1	1
2533	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2534	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_new	4	Redacted
2535	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_new	4	Redacted
2536	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_new	4	Redacted
2537	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_new	4	Redacted
2538	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_new	4	Redacted
2539	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_new	4	Redacted
2540	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_new	4	Redacted
2541	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_new	4	Redacted
2542	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_new	4	Redacted
2543	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_new	4	Redacted
2544	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_new	4	Redacted
2545	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_new	4	Redacted
2546	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_new	4	Redacted
2547	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_new	4	Redacted
2548	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_new	4	Redacted
2549	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_new	4	Redacted
2550	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_new	4	Redacted
2551	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_new	4	Redacted
2552	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_new	4	Redacted
2553	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_new	4	Redacted
2554	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_new	4	Redacted
2555	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_new	4	Redacted
2556	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_new	4	Redacted
2557	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_new	4	Redacted
2558	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_new	4	Redacted
2559	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_new	4	Redacted
2560	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_new	4	Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2534	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2535	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2536	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2537	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2538	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2539	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2540	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2541	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2542	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2543	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2544	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2545	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2546	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2547	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2548	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2549	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2550	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2551	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2552	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2553	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2554	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2555	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2556	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2557	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2558	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2559	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2560	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2534	Redacted	ok	new_resolve	1	1
2535	Redacted	ok	new_resolve	1	1
2536	Redacted	ok	new_resolve	1	1
2537	Redacted	ok	new_resolve	1	1
2538	Redacted	ok	new_resolve	1	1
2539	Redacted	ok	new_resolve	1	1
2540	Redacted	ok	new_resolve	1	1
2541	Redacted	ok	new_resolve	1	1
2542	Redacted	ok	new_resolve	1	1
2543	Redacted	ok	new_resolve	1	1
2544	Redacted	ok	new_resolve	1	1
2545	Redacted	ok	new_resolve	1	1
2546	Redacted	ok	new_resolve	1	1
2547	Redacted	ok	new_resolve	1	1
2548	Redacted	ok	new_resolve	1	1
2549	Redacted	ok	new_resolve	1	1
2550	Redacted	ok	new_resolve	1	1
2551	Redacted	ok	new_resolve	1	1
2552	Redacted	ok	new_resolve	1	1
2553	Redacted	ok	new_resolve	1	1
2554	Redacted	ok	new_resolve	1	1
2555	Redacted	ok	new_resolve	1	1
2556	Redacted	ok	new_resolve	1	1
2557	Redacted	ok	new_resolve	1	1
2558	Redacted	ok	new_resolve	1	1
2559	Redacted	ok	new_resolve	1	1
2560	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2561	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_new	4	Redacted
2562	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_new	4	Redacted
2563	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_new	4	Redacted
2564	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_new	4	Redacted
2565	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_new	4	Redacted
2566	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_new	4	Redacted
2567	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_new	4	Redacted
2568	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_new	4	Redacted
2569	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_new	4	Redacted
2570	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_new	4	Redacted
2571	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_new	4	Redacted
2572	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_new	4	Redacted
2573	LCE	Redacted	Redacted	2029	5	Redacted	Redacted		planned_new	4	Redacted
2574	LCE	Redacted	Redacted	2029	6	Redacted	Redacted		planned_new	4	Redacted
2575	LCE	Redacted	Redacted	2029	7	Redacted	Redacted		planned_new	4	Redacted
2576	LCE	Redacted	Redacted	2029	8	Redacted	Redacted		planned_new	4	Redacted
2577	LCE	Redacted	Redacted	2029	9	Redacted	Redacted		planned_new	4	Redacted
2578	LCE	Redacted	Redacted	2029	10	Redacted	Redacted		planned_new	4	Redacted
2579	LCE	Redacted	Redacted	2029	11	Redacted	Redacted		planned_new	4	Redacted
2580	LCE	Redacted	Redacted	2029	12	Redacted	Redacted		planned_new	4	Redacted
2581	LCE	Redacted	Redacted	2030	1	Redacted	Redacted		planned_new	4	Redacted
2582	LCE	Redacted	Redacted	2030	2	Redacted	Redacted		planned_new	4	Redacted
2583	LCE	Redacted	Redacted	2030	3	Redacted	Redacted		planned_new	4	Redacted
2584	LCE	Redacted	Redacted	2030	4	Redacted	Redacted		planned_new	4	Redacted
2585	LCE	Redacted	Redacted	2030	5	Redacted	Redacted		planned_new	4	Redacted
2586	LCE	Redacted	Redacted	2030	6	Redacted	Redacted		planned_new	4	Redacted
2587	LCE	Redacted	Redacted	2030	7	Redacted	Redacted		planned_new	4	Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2561	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2562	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2563	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2564	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2565	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2566	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2567	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2568	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2569	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2570	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2571	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2572	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2573	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2574	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2575	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2576	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2577	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2578	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2579	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2580	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2581	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2582	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2583	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2584	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2585	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2586	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2587	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2561	Redacted	ok	new_resolve	1	1
2562	Redacted	ok	new_resolve	1	1
2563	Redacted	ok	new_resolve	1	1
2564	Redacted	ok	new_resolve	1	1
2565	Redacted	ok	new_resolve	1	1
2566	Redacted	ok	new_resolve	1	1
2567	Redacted	ok	new_resolve	1	1
2568	Redacted	ok	new_resolve	1	1
2569	Redacted	ok	new_resolve	1	1
2570	Redacted	ok	new_resolve	1	1
2571	Redacted	ok	new_resolve	1	1
2572	Redacted	ok	new_resolve	1	1
2573	Redacted	ok	new_resolve	1	1
2574	Redacted	ok	new_resolve	1	1
2575	Redacted	ok	new_resolve	1	1
2576	Redacted	ok	new_resolve	1	1
2577	Redacted	ok	new_resolve	1	1
2578	Redacted	ok	new_resolve	1	1
2579	Redacted	ok	new_resolve	1	1
2580	Redacted	ok	new_resolve	1	1
2581	Redacted	ok	new_resolve	1	1
2582	Redacted	ok	new_resolve	1	1
2583	Redacted	ok	new_resolve	1	1
2584	Redacted	ok	new_resolve	1	1
2585	Redacted	ok	new_resolve	1	1
2586	Redacted	ok	new_resolve	1	1
2587	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2588	LCE	Redacted	Redacted	2030	8	Redacted	Redacted		planned_new	4	Redacted
2589	LCE	Redacted	Redacted	2030	9	Redacted	Redacted		planned_new	4	Redacted
2590	LCE	Redacted	Redacted	2030	10	Redacted	Redacted		planned_new	4	Redacted
2591	LCE	Redacted	Redacted	2030	11	Redacted	Redacted		planned_new	4	Redacted
2592	LCE	Redacted	Redacted	2030	12	Redacted	Redacted		planned_new	4	Redacted
2593	LCE	Redacted	Redacted	2022	1	Redacted	Redacted		review		Redacted
2594	LCE	Redacted	Redacted	2022	2	Redacted	Redacted		review		Redacted
2595	LCE	Redacted	Redacted	2022	3	Redacted	Redacted		review		Redacted
2596	LCE	Redacted	Redacted	2022	4	Redacted	Redacted		review		Redacted
2597	LCE	Redacted	Redacted	2022	5	Redacted	Redacted		review		Redacted
2598	LCE	Redacted	Redacted	2022	6	Redacted	Redacted		review		Redacted
2599	LCE	Redacted	Redacted	2022	7	Redacted	Redacted		review		Redacted
2600	LCE	Redacted	Redacted	2022	8	Redacted	Redacted		review		Redacted
2601	LCE	Redacted	Redacted	2022	9	Redacted	Redacted		review		Redacted
2602	LCE	Redacted	Redacted	2022	10	Redacted	Redacted		review		Redacted
2603	LCE	Redacted	Redacted	2022	11	Redacted	Redacted		review		Redacted
2604	LCE	Redacted	Redacted	2022	12	Redacted	Redacted		review		Redacted
2605	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		review		Redacted
2606	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		review		Redacted
2607	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		review		Redacted
2608	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		review		Redacted
2609	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		review		Redacted
2610	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		review		Redacted
2611	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		review		Redacted
2612	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		review		Redacted
2613	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		review		Redacted
2614	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		review		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2588	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2589	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2590	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2591	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2592	Redacted	Redacted	0	Redacted	Redacted	0	1	#N/A
2593	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2594	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2595	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2596	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2597	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2598	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2599	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2600	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2601	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2602	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2603	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2604	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2605	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2606	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2607	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2608	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2609	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2610	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2611	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2612	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2613	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2614	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2588	Redacted	ok	new_resolve	1	1
2589	Redacted	ok	new_resolve	1	1
2590	Redacted	ok	new_resolve	1	1
2591	Redacted	ok	new_resolve	1	1
2592	Redacted	ok	new_resolve	1	1
2593	Redacted	ok	existing_generic	0	1
2594	Redacted	ok	existing_generic	0	1
2595	Redacted	ok	existing_generic	0	1
2596	Redacted	ok	existing_generic	0	1
2597	Redacted	ok	existing_generic	0	1
2598	Redacted	ok	existing_generic	0	1
2599	Redacted	ok	existing_generic	0	1
2600	Redacted	ok	existing_generic	0	1
2601	Redacted	ok	existing_generic	0	1
2602	Redacted	ok	existing_generic	0	1
2603	Redacted	ok	existing_generic	0	1
2604	Redacted	ok	existing_generic	0	1
2605	Redacted	ok	existing_generic	0	1
2606	Redacted	ok	existing_generic	0	1
2607	Redacted	ok	existing_generic	0	1
2608	Redacted	ok	existing_generic	0	1
2609	Redacted	ok	existing_generic	0	1
2610	Redacted	ok	existing_generic	0	1
2611	Redacted	ok	existing_generic	0	1
2612	Redacted	ok	existing_generic	0	1
2613	Redacted	ok	existing_generic	0	1
2614	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2615	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		review		Redacted
2616	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		review		Redacted
2617	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		review		Redacted
2618	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		review		Redacted
2619	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		review		Redacted
2620	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		review		Redacted
2621	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		review		Redacted
2622	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		review		Redacted
2623	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		review		Redacted
2624	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		review		Redacted
2625	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		review		Redacted
2626	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		review		Redacted
2627	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		review		Redacted
2628	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		review		Redacted
2629	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		review		Redacted
2630	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		review		Redacted
2631	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		review		Redacted
2632	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		review		Redacted
2633	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		review		Redacted
2634	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		review		Redacted
2635	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		review		Redacted
2636	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		review		Redacted
2637	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		review		Redacted
2638	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		review		Redacted
2639	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		review		Redacted
2640	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		review		Redacted
2641	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		review		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2615	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2616	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2617	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2618	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2619	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2620	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2621	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2622	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2623	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2624	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2625	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2626	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2627	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2628	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2629	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2630	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2631	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2632	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2633	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2634	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2635	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2636	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2637	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2638	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2639	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2640	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2641	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2615	Redacted	ok	existing_generic	0	1
2616	Redacted	ok	existing_generic	0	1
2617	Redacted	ok	existing_generic	0	1
2618	Redacted	ok	existing_generic	0	1
2619	Redacted	ok	existing_generic	0	1
2620	Redacted	ok	existing_generic	0	1
2621	Redacted	ok	existing_generic	0	1
2622	Redacted	ok	existing_generic	0	1
2623	Redacted	ok	existing_generic	0	1
2624	Redacted	ok	existing_generic	0	1
2625	Redacted	ok	existing_generic	0	1
2626	Redacted	ok	existing_generic	0	1
2627	Redacted	ok	existing_generic	0	1
2628	Redacted	ok	existing_generic	0	1
2629	Redacted	ok	existing_generic	0	1
2630	Redacted	ok	existing_generic	0	1
2631	Redacted	ok	existing_generic	0	1
2632	Redacted	ok	existing_generic	0	1
2633	Redacted	ok	existing_generic	0	1
2634	Redacted	ok	existing_generic	0	1
2635	Redacted	ok	existing_generic	0	1
2636	Redacted	ok	existing_generic	0	1
2637	Redacted	ok	existing_generic	0	1
2638	Redacted	ok	existing_generic	0	1
2639	Redacted	ok	existing_generic	0	1
2640	Redacted	ok	existing_generic	0	1
2641	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2642	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		review		Redacted
2643	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		review		Redacted
2644	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		review		Redacted
2645	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		review		Redacted
2646	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		review		Redacted
2647	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		review		Redacted
2648	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		review		Redacted
2649	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		review		Redacted
2650	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		review		Redacted
2651	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		review		Redacted
2652	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		review		Redacted
2653	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		review		Redacted
2654	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		review		Redacted
2655	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		review		Redacted
2656	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		review		Redacted
2657	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		review		Redacted
2658	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		review		Redacted
2659	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		review		Redacted
2660	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		review		Redacted
2661	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		review		Redacted
2662	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		review		Redacted
2663	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		review		Redacted
2664	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		review		Redacted
2665	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		review		Redacted
2666	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		review		Redacted
2667	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		review		Redacted
2668	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		review		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2642	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2643	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2644	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2645	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2646	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2647	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2648	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2649	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2650	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2651	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2652	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2653	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2654	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2655	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2656	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2657	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2658	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2659	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2660	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2661	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2662	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2663	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2664	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2665	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2666	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2667	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2668	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2642	Redacted	ok	existing_generic	0	1
2643	Redacted	ok	existing_generic	0	1
2644	Redacted	ok	existing_generic	0	1
2645	Redacted	ok	existing_generic	0	1
2646	Redacted	ok	existing_generic	0	1
2647	Redacted	ok	existing_generic	0	1
2648	Redacted	ok	existing_generic	0	1
2649	Redacted	ok	existing_generic	0	1
2650	Redacted	ok	existing_generic	0	1
2651	Redacted	ok	existing_generic	0	1
2652	Redacted	ok	existing_generic	0	1
2653	Redacted	ok	existing_generic	0	1
2654	Redacted	ok	existing_generic	0	1
2655	Redacted	ok	existing_generic	0	1
2656	Redacted	ok	existing_generic	0	1
2657	Redacted	ok	existing_generic	0	1
2658	Redacted	ok	existing_generic	0	1
2659	Redacted	ok	existing_generic	0	1
2660	Redacted	ok	existing_generic	0	1
2661	Redacted	ok	existing_generic	0	1
2662	Redacted	ok	existing_generic	0	1
2663	Redacted	ok	existing_generic	0	1
2664	Redacted	ok	existing_generic	0	1
2665	Redacted	ok	existing_generic	0	1
2666	Redacted	ok	existing_generic	0	1
2667	Redacted	ok	existing_generic	0	1
2668	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2669	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		review		Redacted
2670	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		review		Redacted
2671	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		review		Redacted
2672	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		review		Redacted
2673	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		review		Redacted
2674	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		review		Redacted
2675	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		review		Redacted
2676	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		review		Redacted
2677	LCE	Redacted	Redacted	2021	1	Redacted	Redacted		planned_existing		Redacted
2678	LCE	Redacted	Redacted	2021	2	Redacted	Redacted		planned_existing		Redacted
2679	LCE	Redacted	Redacted	2021	3	Redacted	Redacted		planned_existing		Redacted
2680	LCE	Redacted	Redacted	2021	4	Redacted	Redacted		planned_existing		Redacted
2681	LCE	Redacted	Redacted	2021	5	Redacted	Redacted		planned_existing		Redacted
2682	LCE	Redacted	Redacted	2021	6	Redacted	Redacted		planned_existing		Redacted
2683	LCE	Redacted	Redacted	2021	7	Redacted	Redacted		planned_existing		Redacted
2684	LCE	Redacted	Redacted	2021	8	Redacted	Redacted		planned_existing		Redacted
2685	LCE	Redacted	Redacted	2021	9	Redacted	Redacted		planned_existing		Redacted
2686	LCE	Redacted	Redacted	2021	10	Redacted	Redacted		planned_existing		Redacted
2687	LCE	Redacted	Redacted	2021	11	Redacted	Redacted		planned_existing		Redacted
2688	LCE	Redacted	Redacted	2021	12	Redacted	Redacted		planned_existing		Redacted
2689	LCE	Redacted	Redacted	2022	1	Redacted	Redacted		planned_existing		Redacted
2690	LCE	Redacted	Redacted	2022	2	Redacted	Redacted		planned_existing		Redacted
2691	LCE	Redacted	Redacted	2022	3	Redacted	Redacted		planned_existing		Redacted
2692	LCE	Redacted	Redacted	2022	4	Redacted	Redacted		planned_existing		Redacted
2693	LCE	Redacted	Redacted	2022	5	Redacted	Redacted		planned_existing		Redacted
2694	LCE	Redacted	Redacted	2022	6	Redacted	Redacted		planned_existing		Redacted
2695	LCE	Redacted	Redacted	2022	7	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2669	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2670	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2671	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2672	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2673	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2674	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2675	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2676	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2677	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2678	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2679	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2680	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2681	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2682	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2683	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2684	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2685	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2686	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2687	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2688	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2689	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2690	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2691	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2692	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2693	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2694	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2695	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2669	Redacted	ok	existing_generic	0	1
2670	Redacted	ok	existing_generic	0	1
2671	Redacted	ok	existing_generic	0	1
2672	Redacted	ok	existing_generic	0	1
2673	Redacted	ok	existing_generic	0	1
2674	Redacted	ok	existing_generic	0	1
2675	Redacted	ok	existing_generic	0	1
2676	Redacted	ok	existing_generic	0	1
2677	Redacted	ok	existing_generic	0	0
2678	Redacted	ok	existing_generic	0	0
2679	Redacted	ok	existing_generic	0	0
2680	Redacted	ok	existing_generic	0	0
2681	Redacted	ok	existing_generic	0	1
2682	Redacted	ok	existing_generic	0	1
2683	Redacted	ok	existing_generic	0	1
2684	Redacted	ok	existing_generic	0	1
2685	Redacted	ok	existing_generic	0	1
2686	Redacted	ok	existing_generic	0	1
2687	Redacted	ok	existing_generic	0	0
2688	Redacted	ok	existing_generic	0	0
2689	Redacted	ok	existing_generic	0	0
2690	Redacted	ok	existing_generic	0	0
2691	Redacted	ok	existing_generic	0	0
2692	Redacted	ok	existing_generic	0	0
2693	Redacted	ok	existing_generic	0	0
2694	Redacted	ok	existing_generic	0	0
2695	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2696	LCE	Redacted	Redacted	2022	8	Redacted	Redacted		planned_existing		Redacted
2697	LCE	Redacted	Redacted	2022	9	Redacted	Redacted		planned_existing		Redacted
2698	LCE	Redacted	Redacted	2022	10	Redacted	Redacted		planned_existing		Redacted
2699	LCE	Redacted	Redacted	2022	11	Redacted	Redacted		planned_existing		Redacted
2700	LCE	Redacted	Redacted	2022	12	Redacted	Redacted		planned_existing		Redacted
2701	LCE	Redacted	Redacted	2023	1	Redacted	Redacted		planned_existing		Redacted
2702	LCE	Redacted	Redacted	2023	2	Redacted	Redacted		planned_existing		Redacted
2703	LCE	Redacted	Redacted	2023	3	Redacted	Redacted		planned_existing		Redacted
2704	LCE	Redacted	Redacted	2023	4	Redacted	Redacted		planned_existing		Redacted
2705	LCE	Redacted	Redacted	2023	5	Redacted	Redacted		planned_existing		Redacted
2706	LCE	Redacted	Redacted	2023	6	Redacted	Redacted		planned_existing		Redacted
2707	LCE	Redacted	Redacted	2023	7	Redacted	Redacted		planned_existing		Redacted
2708	LCE	Redacted	Redacted	2023	8	Redacted	Redacted		planned_existing		Redacted
2709	LCE	Redacted	Redacted	2023	9	Redacted	Redacted		planned_existing		Redacted
2710	LCE	Redacted	Redacted	2023	10	Redacted	Redacted		planned_existing		Redacted
2711	LCE	Redacted	Redacted	2023	11	Redacted	Redacted		planned_existing		Redacted
2712	LCE	Redacted	Redacted	2023	12	Redacted	Redacted		planned_existing		Redacted
2713	LCE	Redacted	Redacted	2024	1	Redacted	Redacted		planned_existing		Redacted
2714	LCE	Redacted	Redacted	2024	2	Redacted	Redacted		planned_existing		Redacted
2715	LCE	Redacted	Redacted	2024	3	Redacted	Redacted		planned_existing		Redacted
2716	LCE	Redacted	Redacted	2024	4	Redacted	Redacted		planned_existing		Redacted
2717	LCE	Redacted	Redacted	2024	5	Redacted	Redacted		planned_existing		Redacted
2718	LCE	Redacted	Redacted	2024	6	Redacted	Redacted		planned_existing		Redacted
2719	LCE	Redacted	Redacted	2024	7	Redacted	Redacted		planned_existing		Redacted
2720	LCE	Redacted	Redacted	2024	8	Redacted	Redacted		planned_existing		Redacted
2721	LCE	Redacted	Redacted	2024	9	Redacted	Redacted		planned_existing		Redacted
2722	LCE	Redacted	Redacted	2024	10	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2696	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2697	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2698	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2699	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2700	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2701	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2702	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2703	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2704	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2705	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2706	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2707	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2708	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2709	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2710	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2711	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2712	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2713	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2714	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2715	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2716	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2717	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2718	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2719	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2720	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2721	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2722	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2696	Redacted	ok	existing_generic	0	0
2697	Redacted	ok	existing_generic	0	1
2698	Redacted	ok	existing_generic	0	0
2699	Redacted	ok	existing_generic	0	0
2700	Redacted	ok	existing_generic	0	0
2701	Redacted	ok	existing_generic	0	1
2702	Redacted	ok	existing_generic	0	1
2703	Redacted	ok	existing_generic	0	1
2704	Redacted	ok	existing_generic	0	1
2705	Redacted	ok	existing_generic	0	1
2706	Redacted	ok	existing_generic	0	1
2707	Redacted	ok	existing_generic	0	1
2708	Redacted	ok	existing_generic	0	1
2709	Redacted	ok	existing_generic	0	1
2710	Redacted	ok	existing_generic	0	1
2711	Redacted	ok	existing_generic	0	1
2712	Redacted	ok	existing_generic	0	1
2713	Redacted	ok	existing_generic	0	1
2714	Redacted	ok	existing_generic	0	1
2715	Redacted	ok	existing_generic	0	1
2716	Redacted	ok	existing_generic	0	1
2717	Redacted	ok	existing_generic	0	1
2718	Redacted	ok	existing_generic	0	1
2719	Redacted	ok	existing_generic	0	1
2720	Redacted	ok	existing_generic	0	1
2721	Redacted	ok	existing_generic	0	1
2722	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**
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
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

	A	B	C	D	E	F	G	H	I	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2723	LCE	Redacted	Redacted	2024	11	Redacted	Redacted		planned_existing		Redacted
2724	LCE	Redacted	Redacted	2024	12	Redacted	Redacted		planned_existing		Redacted
2725	LCE	Redacted	Redacted	2025	1	Redacted	Redacted		planned_existing		Redacted
2726	LCE	Redacted	Redacted	2025	2	Redacted	Redacted		planned_existing		Redacted
2727	LCE	Redacted	Redacted	2025	3	Redacted	Redacted		planned_existing		Redacted
2728	LCE	Redacted	Redacted	2025	4	Redacted	Redacted		planned_existing		Redacted
2729	LCE	Redacted	Redacted	2025	5	Redacted	Redacted		planned_existing		Redacted
2730	LCE	Redacted	Redacted	2025	6	Redacted	Redacted		planned_existing		Redacted
2731	LCE	Redacted	Redacted	2025	7	Redacted	Redacted		planned_existing		Redacted
2732	LCE	Redacted	Redacted	2025	8	Redacted	Redacted		planned_existing		Redacted
2733	LCE	Redacted	Redacted	2025	9	Redacted	Redacted		planned_existing		Redacted
2734	LCE	Redacted	Redacted	2025	10	Redacted	Redacted		planned_existing		Redacted
2735	LCE	Redacted	Redacted	2025	11	Redacted	Redacted		planned_existing		Redacted
2736	LCE	Redacted	Redacted	2025	12	Redacted	Redacted		planned_existing		Redacted
2737	LCE	Redacted	Redacted	2026	1	Redacted	Redacted		planned_existing		Redacted
2738	LCE	Redacted	Redacted	2026	2	Redacted	Redacted		planned_existing		Redacted
2739	LCE	Redacted	Redacted	2026	3	Redacted	Redacted		planned_existing		Redacted
2740	LCE	Redacted	Redacted	2026	4	Redacted	Redacted		planned_existing		Redacted
2741	LCE	Redacted	Redacted	2026	5	Redacted	Redacted		planned_existing		Redacted
2742	LCE	Redacted	Redacted	2026	6	Redacted	Redacted		planned_existing		Redacted
2743	LCE	Redacted	Redacted	2026	7	Redacted	Redacted		planned_existing		Redacted
2744	LCE	Redacted	Redacted	2026	8	Redacted	Redacted		planned_existing		Redacted
2745	LCE	Redacted	Redacted	2026	9	Redacted	Redacted		planned_existing		Redacted
2746	LCE	Redacted	Redacted	2026	10	Redacted	Redacted		planned_existing		Redacted
2747	LCE	Redacted	Redacted	2026	11	Redacted	Redacted		planned_existing		Redacted
2748	LCE	Redacted	Redacted	2026	12	Redacted	Redacted		planned_existing		Redacted
2749	LCE	Redacted	Redacted	2027	1	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2723	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2724	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2725	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2726	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2727	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2728	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2729	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2730	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2731	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2732	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2733	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2734	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2735	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2736	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2737	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2738	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2739	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2740	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2741	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2742	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2743	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2744	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2745	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2746	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2747	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2748	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2749	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2723	Redacted	ok	existing_generic	0	1
2724	Redacted	ok	existing_generic	0	1
2725	Redacted	ok	existing_generic	0	1
2726	Redacted	ok	existing_generic	0	1
2727	Redacted	ok	existing_generic	0	1
2728	Redacted	ok	existing_generic	0	1
2729	Redacted	ok	existing_generic	0	1
2730	Redacted	ok	existing_generic	0	1
2731	Redacted	ok	existing_generic	0	1
2732	Redacted	ok	existing_generic	0	1
2733	Redacted	ok	existing_generic	0	1
2734	Redacted	ok	existing_generic	0	1
2735	Redacted	ok	existing_generic	0	1
2736	Redacted	ok	existing_generic	0	1
2737	Redacted	ok	existing_generic	0	1
2738	Redacted	ok	existing_generic	0	1
2739	Redacted	ok	existing_generic	0	1
2740	Redacted	ok	existing_generic	0	1
2741	Redacted	ok	existing_generic	0	1
2742	Redacted	ok	existing_generic	0	1
2743	Redacted	ok	existing_generic	0	1
2744	Redacted	ok	existing_generic	0	1
2745	Redacted	ok	existing_generic	0	1
2746	Redacted	ok	existing_generic	0	1
2747	Redacted	ok	existing_generic	0	1
2748	Redacted	ok	existing_generic	0	1
2749	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**
2723	Redacted	0	0	1	1	1	1	1	1	1	1
2724	Redacted	0	0	1	1	1	1	1	1	1	1
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	J	K
1	lse	resource	cpuc_contract_id	Year	Month	contract_gwh	contracted_nqc_mw_if_known	nqc_fraction_if_nqc_not_known	contract_status	storage_duration_hours	notes
2750	LCE	Redacted	Redacted	2027	2	Redacted	Redacted		planned_existing		Redacted
2751	LCE	Redacted	Redacted	2027	3	Redacted	Redacted		planned_existing		Redacted
2752	LCE	Redacted	Redacted	2027	4	Redacted	Redacted		planned_existing		Redacted
2753	LCE	Redacted	Redacted	2027	5	Redacted	Redacted		planned_existing		Redacted
2754	LCE	Redacted	Redacted	2027	6	Redacted	Redacted		planned_existing		Redacted
2755	LCE	Redacted	Redacted	2027	7	Redacted	Redacted		planned_existing		Redacted
2756	LCE	Redacted	Redacted	2027	8	Redacted	Redacted		planned_existing		Redacted
2757	LCE	Redacted	Redacted	2027	9	Redacted	Redacted		planned_existing		Redacted
2758	LCE	Redacted	Redacted	2027	10	Redacted	Redacted		planned_existing		Redacted
2759	LCE	Redacted	Redacted	2027	11	Redacted	Redacted		planned_existing		Redacted
2760	LCE	Redacted	Redacted	2027	12	Redacted	Redacted		planned_existing		Redacted
2761	LCE	Redacted	Redacted	2028	1	Redacted	Redacted		planned_existing		Redacted
2762	LCE	Redacted	Redacted	2028	2	Redacted	Redacted		planned_existing		Redacted
2763	LCE	Redacted	Redacted	2028	3	Redacted	Redacted		planned_existing		Redacted
2764	LCE	Redacted	Redacted	2028	4	Redacted	Redacted		planned_existing		Redacted
2765	LCE	Redacted	Redacted	2028	5	Redacted	Redacted		planned_existing		Redacted
2766	LCE	Redacted	Redacted	2028	6	Redacted	Redacted		planned_existing		Redacted
2767	LCE	Redacted	Redacted	2028	7	Redacted	Redacted		planned_existing		Redacted
2768	LCE	Redacted	Redacted	2028	8	Redacted	Redacted		planned_existing		Redacted
2769	LCE	Redacted	Redacted	2028	9	Redacted	Redacted		planned_existing		Redacted
2770	LCE	Redacted	Redacted	2028	10	Redacted	Redacted		planned_existing		Redacted
2771	LCE	Redacted	Redacted	2028	11	Redacted	Redacted		planned_existing		Redacted
2772	LCE	Redacted	Redacted	2028	12	Redacted	Redacted		planned_existing		Redacted
2773	LCE	Redacted	Redacted	2029	1	Redacted	Redacted		planned_existing		Redacted
2774	LCE	Redacted	Redacted	2029	2	Redacted	Redacted		planned_existing		Redacted
2775	LCE	Redacted	Redacted	2029	3	Redacted	Redacted		planned_existing		Redacted
2776	LCE	Redacted	Redacted	2029	4	Redacted	Redacted		planned_existing		Redacted

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2750	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2751	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2752	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2753	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2754	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2755	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2756	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2757	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2758	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2759	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2760	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2761	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2762	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2763	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2764	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2765	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2766	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2767	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2768	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2769	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2770	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2771	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2772	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2773	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2774	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2775	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2776	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2750	Redacted	ok	existing_generic	0	1
2751	Redacted	ok	existing_generic	0	1
2752	Redacted	ok	existing_generic	0	1
2753	Redacted	ok	existing_generic	0	1
2754	Redacted	ok	existing_generic	0	1
2755	Redacted	ok	existing_generic	0	1
2756	Redacted	ok	existing_generic	0	1
2757	Redacted	ok	existing_generic	0	1
2758	Redacted	ok	existing_generic	0	1
2759	Redacted	ok	existing_generic	0	1
2760	Redacted	ok	existing_generic	0	1
2761	Redacted	ok	existing_generic	0	1
2762	Redacted	ok	existing_generic	0	1
2763	Redacted	ok	existing_generic	0	1
2764	Redacted	ok	existing_generic	0	1
2765	Redacted	ok	existing_generic	0	1
2766	Redacted	ok	existing_generic	0	1
2767	Redacted	ok	existing_generic	0	1
2768	Redacted	ok	existing_generic	0	1
2769	Redacted	ok	existing_generic	0	1
2770	Redacted	ok	existing_generic	0	1
2771	Redacted	ok	existing_generic	0	1
2772	Redacted	ok	existing_generic	0	1
2773	Redacted	ok	existing_generic	0	1
2774	Redacted	ok	existing_generic	0	1
2775	Redacted	ok	existing_generic	0	1
2776	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
2775	Redacted	0	0	1	1	1	1	1	1	1	1
2776	Redacted	0	0	1	1	1	1	1	1	1	1

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

	L	M	N	O	P	Q	R	S
1	max_mw	resource_type	currently_online	elcc_type	elcc_type_year_month	elcc_percent	battery_multiplier	calculated_nqc_mw_for_resources_with_no_contracted_nqc
2777	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2778	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2779	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2780	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2781	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2782	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2783	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2784	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2785	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2786	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2787	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2788	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2789	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2790	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2791	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2792	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2793	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2794	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2795	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A
2796	Redacted	Redacted	1	Redacted	Redacted	0	1	#N/A

	T	U	V	W	X
1	final_nqc_mw	test_nqc	supertype	LSE is buying energy from resource	LSE is buying capacity from resource
2777	Redacted	ok	existing_generic	0	1
2778	Redacted	ok	existing_generic	0	1
2779	Redacted	ok	existing_generic	0	1
2780	Redacted	ok	existing_generic	0	1
2781	Redacted	ok	existing_generic	0	1
2782	Redacted	ok	existing_generic	0	1
2783	Redacted	ok	existing_generic	0	1
2784	Redacted	ok	existing_generic	0	1
2785	Redacted	ok	existing_generic	0	1
2786	Redacted	ok	existing_generic	0	1
2787	Redacted	ok	existing_generic	0	1
2788	Redacted	ok	existing_generic	0	1
2789	Redacted	ok	existing_generic	0	1
2790	Redacted	ok	existing_generic	0	1
2791	Redacted	ok	existing_generic	0	1
2792	Redacted	ok	existing_generic	0	1
2793	Redacted	ok	existing_generic	0	1
2794	Redacted	ok	existing_generic	0	1
2795	Redacted	ok	existing_generic	0	1
2796	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**
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	online_date_for_new_resources	contract_execution_date	contract_start	contract_end	interconnection_queue_position	lse_owned	cam
1	Redacted	Redacted	Redacted	1	**ok**	5/8/19	6/1/19	12/31/20			
2	Redacted	Redacted	Redacted	1	**ok**	3/1/18	5/1/19	12/31/20			
3	Redacted	Redacted	Redacted	1	**ok**	11/15/18	1/1/20	12/31/20			
4	Redacted	Redacted	Redacted	1	**ok**	11/15/18	1/1/21	12/31/21			
5	Redacted	Redacted	Redacted	1	**ok**	8/15/15	9/30/16	12/31/30			
6	Redacted	Redacted	Redacted	1	**ok**	7/8/19	1/1/21	12/31/30			
7	Redacted	Redacted	Redacted	1	**ok**	12/28/18	1/1/19	12/31/21			
8	Redacted	Redacted	Redacted	1	**ok**	3/22/19	3/22/19	12/31/20			
9	Redacted	Redacted	Redacted	1	**ok**	6/3/19	1/1/20	12/31/20			
10	Redacted	Redacted	Redacted	1	**ok**	9/11/19	1/1/21	12/31/30			
11	Redacted	Redacted	Redacted	1	**ok**	7/29/19	1/1/20	12/31/20			
12	Redacted	Redacted	Redacted	1	**ok**	1/26/16	1/1/19	12/31/20			
13	Redacted	Redacted	Redacted	1	**ok**	8/20/19	1/1/20	12/31/22			
14	Redacted	Redacted	Redacted	1	**ok**	9/11/19	1/1/21	12/31/30			
15	Redacted	Redacted	Redacted	0	**1/1/21**	12/20/19	1/1/21	12/31/30			
16	Redacted	Redacted	Redacted	1	**ok**	1/30/20	6/1/20	12/31/23			
17	Redacted	Redacted	Redacted	1	**ok**	2/6/20	1/1/21	12/31/22			
18	Redacted	Redacted	Redacted	1	**ok**	2/26/20	3/1/20	12/31/20			
19	Redacted	Redacted	Redacted	1	**ok**	12/12/19	1/1/20	12/31/20			
20	Redacted	Redacted	Redacted	1	**ok**	6/30/20	7/1/20	12/31/20			
21	Redacted	Redacted	Redacted	1	**ok**	10/21/19	1/1/20	9/30/20			
22	Redacted	Redacted	Redacted	1	**ok**	10/21/19	1/1/20	9/30/20			
23	Redacted	Redacted	Redacted	1	**ok**	10/30/19	5/1/20	10/31/20			
24	Redacted	Redacted	Redacted	1	**ok**	12/12/19	1/1/20	12/31/20			
25	Redacted	Redacted	Redacted	1	**ok**	10/30/19	5/1/20	10/31/20			
26	Redacted	Redacted	Redacted	1	**ok**	10/30/19	5/1/20	10/31/20			

resource_num	is_incremental	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw
1	**0**		**ok**	**ok**	**ok**	**ok**	
2	**0**		**ok**	**ok**	**ok**	**ok**	
3	**0**		**ok**	**ok**	**ok**	**ok**	
4	**0**		**ok**	**ok**	**ok**	**ok**	
5	**0**		**ok**	**ok**	**ok**	**ok**	
6	**0**		**ok**	**ok**	**ok**	**ok**	
7	**0**		**ok**	**ok**	**ok**	**ok**	
8	**0**		**ok**	**ok**	**ok**	**ok**	
9	**0**		**ok**	**ok**	**ok**	**ok**	
10	**0**		**ok**	**ok**	**ok**	**ok**	
11	**0**		**ok**	**ok**	**ok**	**ok**	
12	**0**		**ok**	**ok**	**ok**	**ok**	
13	**0**		**ok**	**ok**	**ok**	**ok**	
14	**0**		**ok**	**ok**	**ok**	**ok**	
15	**1**		**1**	**1**	**1**	**2**	
16	**0**		**ok**	**ok**	**ok**	**ok**	
17	**0**		**ok**	**ok**	**ok**	**ok**	
18	**0**		**ok**	**ok**	**ok**	**ok**	
19	**0**		**ok**	**ok**	**ok**	**ok**	
20	**0**		**ok**	**ok**	**ok**	**ok**	
21	**0**		**ok**	**ok**	**ok**	**ok**	
22	**0**		**ok**	**ok**	**ok**	**ok**	
23	**0**		**ok**	**ok**	**ok**	**ok**	
24	**0**		**ok**	**ok**	**ok**	**ok**	
25	**0**		**ok**	**ok**	**ok**	**ok**	
26	**0**		**ok**	**ok**	**ok**	**ok**	

resource_num	storage_depth_mwh	is_hybrid	hybrid_generator_mw	hybrid_combined_max_mw	hybrid_can_charge_from_grid	execution_year	execution_month	start_year	start_month	end_year
1						2019	5	2019	6	2020
2						2018	3	2019	5	2020
3						2018	11	2020	1	2020
4						2018	11	2021	1	2021
5						2015	8	2016	9	2030
6						2019	7	2021	1	2030
7						2018	12	2019	1	2021
8						2019	3	2019	3	2020
9						2019	6	2020	1	2020
10						2019	9	2021	1	2030
11						2019	7	2020	1	2020
12						2016	1	2019	1	2020
13						2019	8	2020	1	2022
14						2019	9	2021	1	2030
15						2019	12	2021	1	2030
16						2020	1	2020	6	2023
17						2020	2	2021	1	2022
18						2020	2	2020	3	2020
19						2019	12	2020	1	2020
20						2020	6	2020	7	2020
21						2019	10	2020	1	2020
22						2019	10	2020	1	2020
23						2019	10	2020	5	2020
24						2019	12	2020	1	2020
25						2019	10	2020	5	2020
26						2019	10	2020	5	2020

resource_num	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	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021
1	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
2	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
3	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
4	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
5	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
6	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
7	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
8	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
9	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
10	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
11	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
12	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
13	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
14	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
15	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
16	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
17	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
18	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
19	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
20	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
21	9	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
22	9	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
23	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
24	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
25	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
26	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted

resource_num	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	0	#VALUE!	#VALUE!	0
2	0	#VALUE!	#VALUE!	0
3	0	#VALUE!	#VALUE!	0
4	0	#VALUE!	#VALUE!	0
5	0	#VALUE!	#VALUE!	0
6	0	#VALUE!	#VALUE!	0
7	0	#VALUE!	#VALUE!	0
8	0	#VALUE!	#VALUE!	0
9	0	#VALUE!	#VALUE!	0
10	0	#VALUE!	#VALUE!	0
11	0	#VALUE!	#VALUE!	0
12	0	#VALUE!	#VALUE!	0
13	0	#VALUE!	#VALUE!	0
14	0	#VALUE!	#VALUE!	0
15	0	#VALUE!	#VALUE!	0
16	0	#VALUE!	#VALUE!	0
17	0	#VALUE!	#VALUE!	0
18	0	#VALUE!	#VALUE!	0
19	0	#VALUE!	#VALUE!	0
20	0	#VALUE!	#VALUE!	0
21	0	#VALUE!	#VALUE!	0
22	0	#VALUE!	#VALUE!	0
23	0	#VALUE!	#VALUE!	0
24	0	#VALUE!	#VALUE!	0
25	0	#VALUE!	#VALUE!	0
26	0	#VALUE!	#VALUE!	0

2021 9

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

resource_num	is_incremental	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw
27	**0**		**ok**	**ok**	**ok**	**ok**	
28	**0**		**ok**	**ok**	**ok**	**ok**	
29	**0**		**ok**	**ok**	**ok**	**ok**	4
30	**0**		**ok**	**ok**	**ok**	**ok**	6
31	**0**		**ok**	**ok**	**ok**	**ok**	
32	**0**		**ok**	**ok**	**ok**	**ok**	
33	**0**		**ok**	**ok**	**ok**	**ok**	
34	**0**		**ok**	**ok**	**ok**	**ok**	
35	**0**		**ok**	**ok**	**ok**	**ok**	
36	**0**		**ok**	**ok**	**ok**	**ok**	
37	**0**		**ok**	**ok**	**ok**	**ok**	
38	**0**		**ok**	**ok**	**ok**	**ok**	
39	**0**		**ok**	**ok**	**ok**	**ok**	
40	**0**		**ok**	**ok**	**ok**	**ok**	
41	**0**		**ok**	**ok**	**ok**	**ok**	
42	**0**		**ok**	**ok**	**ok**	**ok**	
43	**0**		**ok**	**ok**	**ok**	**ok**	
44	**0**		**ok**	**ok**	**ok**	**ok**	
45	**0**		**ok**	**ok**	**ok**	**ok**	
46	**0**		**ok**	**ok**	**ok**	**ok**	
47	**0**		**ok**	**ok**	**ok**	**ok**	
48	**0**		**ok**	**ok**	**ok**	**ok**	
49	**0**		**ok**	**ok**	**ok**	**ok**	
50	**0**		**ok**	**ok**	**ok**	**ok**	
51	**0**		**ok**	**ok**	**ok**	**ok**	
52	**0**		**ok**	**ok**	**ok**	**ok**	

resource_num	storage_depth_mwh	is_hybrid	hybrid_generator_mw	hybrid_combined_max_mw	hybrid_can_charge_from_grid	execution_year	execution_month	start_year	start_month	end_year
27						2019	10	2020	5	2020
28						2019	10	2020	5	2020
29	16	0				2020	1	2020	1	2022
30	24	0				2020	1	2020	1	2022
31						2018	10	2020	1	2020
32						2018	10	2020	1	2020
33						2019	12	2020	1	2020
34						2019	12	2020	1	2020
35						2019	5	2020	1	2021
36						2019	5	2020	1	2021
37						2019	5	2020	1	2022
38						2019	10	2020	5	2020
39						2019	10	2020	5	2020
40						2019	6	2020	1	2022
41						2019	6	2020	1	2022
42						2019	8	2021	1	2022
43						2019	11	2021	1	2022
44						2019	11	2020	1	2020
45						2019	12	2020	1	2020
46						2019	12	2020	7	2020
47						2020	1	2020	3	2020
48						2020	1	2020	5	2020
49						2020	1	2020	5	2020
50						2020	1	2020	5	2020
51						2020	1	2020	5	2020
52						2020	1	2020	5	2020

resource_num	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	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021
27	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
28	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
29	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
30	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
31	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
32	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
33	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
34	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
35	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
36	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
37	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
38	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
39	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
40	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
41	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
42	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
43	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
44	1	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
45	1	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
46	9	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
47	3	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
48	5	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
49	5	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
50	5	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
51	5	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
52	5	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted

resource_num	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
27	0	#VALUE!	#VALUE!	0
28	0	#VALUE!	#VALUE!	0
29	0	#VALUE!	#VALUE!	0
30	0	#VALUE!	#VALUE!	0
31	0	#VALUE!	#VALUE!	0
32	0	#VALUE!	#VALUE!	0
33	0	#VALUE!	#VALUE!	0
34	0	#VALUE!	#VALUE!	0
35	0	#VALUE!	#VALUE!	0
36	0	#VALUE!	#VALUE!	0
37	0	#VALUE!	#VALUE!	0
38	0	#VALUE!	#VALUE!	0
39	0	#VALUE!	#VALUE!	0
40	0	#VALUE!	#VALUE!	0
41	0	#VALUE!	#VALUE!	0
42	0	#VALUE!	#VALUE!	0
43	0	#VALUE!	#VALUE!	0
44	0	#VALUE!	#VALUE!	0
45	0	#VALUE!	#VALUE!	0
46	0	#VALUE!	#VALUE!	0
47	0	#VALUE!	#VALUE!	0
48	0	#VALUE!	#VALUE!	0
49	0	#VALUE!	#VALUE!	0
50	0	#VALUE!	#VALUE!	0
51	0	#VALUE!	#VALUE!	0
52	0	#VALUE!	#VALUE!	0

resource_num	resource	note	resource_contract_note	online	online_date_for_new_resources	contract_execution_date	contract_start	contract_end	interconnection_queue_position	lse_owned	cam
53	Redacted	Redacted	Redacted	1	**ok**	2/11/20	1/1/22	12/31/23			
54	Redacted	Redacted	Redacted	1	**ok**	3/10/20	1/1/21	12/31/23			
55	Redacted	Redacted	Redacted	1	**ok**	3/30/20	6/1/20	6/30/20			
56	Redacted	Redacted	Redacted	0	**6/1/22**	3/25/20	6/1/22	12/31/30			
57	Redacted	Redacted	Redacted	1	**ok**	4/16/20	7/1/20	7/31/20			
58	Redacted	Redacted	Redacted	1	**ok**	4/16/20	7/1/20	7/31/20			
59	Redacted	Redacted	Redacted	1	**ok**	4/16/20	7/1/20	7/31/20			
60	Redacted	Redacted	Redacted	1	**ok**	4/16/20	7/1/20	7/31/20			
61	Redacted	Redacted	Redacted	1	**ok**	4/16/20	7/1/20	7/31/20			
62	Redacted	Redacted	Redacted	1	**ok**	4/23/20	8/1/20	10/31/20			
63	Redacted	Redacted	Redacted	1	**ok**	4/23/20	8/1/20	10/31/20			
64	Redacted	Redacted	Redacted	1	**ok**	4/23/20	8/1/20	10/31/20			
65	Redacted	Redacted	Redacted	1	**ok**	4/23/20	8/1/20	8/31/20			
66	Redacted	Redacted	Redacted	1	**ok**	4/21/20	8/1/20	8/31/20			
67	Redacted	Redacted	Redacted	1	**ok**	4/21/20	8/1/20	8/31/20			
68	Redacted	Redacted	Redacted	1	**ok**	4/21/20	8/1/20	8/31/20			
69	Redacted	Redacted	Redacted	1	**ok**	4/21/20	8/1/20	8/31/20			
70	Redacted	Redacted	Redacted	1	**ok**	4/21/20	8/1/20	8/31/20			
71	Redacted	Redacted	Redacted	1	**ok**	4/21/20	8/1/20	8/31/20			
72	Redacted	Redacted	Redacted	1	**ok**	4/21/20	8/1/20	8/31/20			
73	Redacted	Redacted	Redacted	1	**ok**	4/21/20	8/1/20	8/31/20			
74	Redacted	Redacted	Redacted	1	**ok**	4/23/20	8/1/20	8/31/20			
75	Redacted	Redacted	Redacted	1	**ok**	4/23/20	8/1/20	8/31/20			
76	Redacted	Redacted	Redacted	1	**ok**	4/17/20	8/1/20	8/31/20			
77	Redacted	Redacted	Redacted	1	**ok**	4/17/20	8/1/20	8/31/20			
78	Redacted	Redacted	Redacted	1	**ok**	4/17/20	8/1/20	8/31/20			

resource_num	is_incremental	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw
53	**0**		**ok**	**ok**	**ok**	**ok**	
54	**1**		**ok**	**ok**	**ok**	**ok**	
55	**0**		**ok**	**ok**	**ok**	**ok**	
56	**1**		**3**	**1**	**2**	**2**	5
57	**0**		**ok**	**ok**	**ok**	**ok**	
58	**0**		**ok**	**ok**	**ok**	**ok**	
59	**0**		**ok**	**ok**	**ok**	**ok**	
60	**0**		**ok**	**ok**	**ok**	**ok**	
61	**0**		**ok**	**ok**	**ok**	**ok**	
62	**0**		**ok**	**ok**	**ok**	**ok**	
63	**0**		**ok**	**ok**	**ok**	**ok**	
64	**0**		**ok**	**ok**	**ok**	**ok**	
65	**0**		**ok**	**ok**	**ok**	**ok**	
66	**0**		**ok**	**ok**	**ok**	**ok**	
67	**0**		**ok**	**ok**	**ok**	**ok**	
68	**0**		**ok**	**ok**	**ok**	**ok**	
69	**0**		**ok**	**ok**	**ok**	**ok**	
70	**0**		**ok**	**ok**	**ok**	**ok**	
71	**0**		**ok**	**ok**	**ok**	**ok**	
72	**0**		**ok**	**ok**	**ok**	**ok**	
73	**0**		**ok**	**ok**	**ok**	**ok**	
74	**0**		**ok**	**ok**	**ok**	**ok**	
75	**0**		**ok**	**ok**	**ok**	**ok**	
76	**0**		**ok**	**ok**	**ok**	**ok**	
77	**0**		**ok**	**ok**	**ok**	**ok**	
78	**0**		**ok**	**ok**	**ok**	**ok**	

resource_num	storage_depth_mwh	is_hybrid	hybrid_generator_mw	hybrid_combined_max_mw	hybrid_can_charge_from_grid	execution_year	execution_month	start_year	start_month	end_year
53						2020	2	2022	1	2023
54						2020	3	2021	1	2023
55						2020	3	2020	6	2020
56	20	0				2020	3	2022	6	2030
57						2020	4	2020	7	2020
58						2020	4	2020	7	2020
59						2020	4	2020	7	2020
60						2020	4	2020	7	2020
61						2020	4	2020	7	2020
62						2020	4	2020	8	2020
63						2020	4	2020	8	2020
64						2020	4	2020	8	2020
65						2020	4	2020	8	2020
66						2020	4	2020	8	2020
67						2020	4	2020	8	2020
68						2020	4	2020	8	2020
69						2020	4	2020	8	2020
70						2020	4	2020	8	2020
71						2020	4	2020	8	2020
72						2020	4	2020	8	2020
73						2020	4	2020	8	2020
74						2020	4	2020	8	2020
75						2020	4	2020	8	2020
76						2020	4	2020	8	2020
77						2020	4	2020	8	2020
78						2020	4	2020	8	2020

resource_num	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	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021
53	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
54	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
55	6	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
56	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
57	7	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
58	7	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
59	7	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
60	7	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
61	7	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
62	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
63	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
64	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
65	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
66	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
67	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
68	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
69	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
70	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
71	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
72	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
73	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
74	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
75	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
76	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
77	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
78	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted

resource_num	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
53	0	#VALUE!	#VALUE!	0
54	0	#VALUE!	#VALUE!	0
55	0	#VALUE!	#VALUE!	0
56	0	#VALUE!	#VALUE!	0
57	0	#VALUE!	#VALUE!	0
58	0	#VALUE!	#VALUE!	0
59	0	#VALUE!	#VALUE!	0
60	0	#VALUE!	#VALUE!	0
61	0	#VALUE!	#VALUE!	0
62	0	#VALUE!	#VALUE!	0
63	0	#VALUE!	#VALUE!	0
64	0	#VALUE!	#VALUE!	0
65	0	#VALUE!	#VALUE!	0
66	0	#VALUE!	#VALUE!	0
67	0	#VALUE!	#VALUE!	0
68	0	#VALUE!	#VALUE!	0
69	0	#VALUE!	#VALUE!	0
70	0	#VALUE!	#VALUE!	0
71	0	#VALUE!	#VALUE!	0
72	0	#VALUE!	#VALUE!	0
73	0	#VALUE!	#VALUE!	0
74	0	#VALUE!	#VALUE!	0
75	0	#VALUE!	#VALUE!	0
76	0	#VALUE!	#VALUE!	0
77	0	#VALUE!	#VALUE!	0
78	0	#VALUE!	#VALUE!	0

resource_num	resource	note	resource_contract_note	online	online_date_for_new_resources	contract_execution_date	contract_start	contract_end	interconnection_queue_position	lse_owned	cam
79	Redacted	Redacted	Redacted	1	**ok**	4/17/20	8/1/20	8/31/20			
80	Redacted	Redacted	Redacted	1	**ok**	4/17/20	8/1/20	8/31/20			
81	Redacted	Redacted	Redacted	1	**ok**	4/17/20	8/1/20	8/31/20			
82	Redacted	Redacted	Redacted	1	**ok**	4/17/20	8/1/20	8/31/20			
83	Redacted	Redacted	Redacted	1	**ok**	4/17/20	8/1/20	8/31/20			
84	Redacted	Redacted	Redacted	1	**ok**	5/28/20	10/1/20	10/31/20			
85	Redacted	Redacted	Redacted	1	**ok**	6/4/20	9/1/20	9/30/20			
86	Redacted	Redacted	Redacted	1	**ok**	5/14/20	8/1/20	8/31/20			
87	Redacted	Redacted	Redacted	1	**ok**	5/14/20	8/1/20	8/31/20			
88	Redacted	Redacted	Redacted	1	**ok**	5/14/20	8/1/20	8/31/20			
89	Redacted	Redacted	Redacted	1	**ok**	5/14/20	8/1/20	8/31/20			
90	Redacted	Redacted	Redacted	1	**ok**	6/2/20	6/1/20	6/28/20			
91	Redacted	Redacted	Redacted	1	**ok**	6/2/20	6/6/20	6/28/20			
92	Redacted	Redacted	Redacted	1	**ok**	6/2/20	6/6/20	6/28/20			
93	Redacted	Redacted	Redacted	1	**ok**	6/16/20	1/1/21	12/31/21			
94	Redacted	Redacted	Redacted	1	**ok**	6/16/20	1/1/21	12/31/21			
95	Redacted	Redacted	Redacted	1	**ok**	6/26/20	9/1/20	9/30/20			
96	Redacted	Redacted	Redacted	1	**ok**	7/10/20	9/1/20	9/30/20			
97	Redacted	Redacted	Redacted	1	**ok**	6/16/20	9/1/20	9/30/20			
98	Redacted	Redacted	Redacted	1	**ok**	7/15/20	4/1/21	10/31/21			
99	Redacted	Redacted	Redacted	1	**ok**	7/15/20	4/1/21	10/31/21			
100	Redacted	Redacted	Redacted	1	**ok**	7/15/20	4/1/21	10/31/21			
101	Redacted	Redacted	Redacted	1	**ok**	7/8/20	10/1/20	10/31/20			
102	Redacted	Redacted	Redacted	1	**ok**	7/8/20	10/1/20	10/31/20			
103	Redacted	Redacted	Redacted	1	**ok**	7/30/20	10/1/20	10/31/20			
104	Redacted	Redacted	Redacted	1	**ok**	7/30/20	10/1/20	10/31/20			

resource_num	is_incremental	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw
79	0		ok	ok	ok	ok	
80	0		ok	ok	ok	ok	
81	0		ok	ok	ok	ok	
82	0		ok	ok	ok	ok	
83	0		ok	ok	ok	ok	
84	0		ok	ok	ok	ok	
85	0		ok	ok	ok	ok	
86	0		ok	ok	ok	ok	
87	0		ok	ok	ok	ok	
88	0		ok	ok	ok	ok	
89	0		ok	ok	ok	ok	
90	0		ok	ok	ok	ok	
91	0		ok	ok	ok	ok	
92	0		ok	ok	ok	ok	
93	0		ok	ok	ok	ok	
94	0		ok	ok	ok	ok	
95	0		ok	ok	ok	ok	
96	0		ok	ok	ok	ok	
97	0		ok	ok	ok	ok	
98	0		ok	ok	ok	ok	
99	0		ok	ok	ok	ok	
100	0		ok	ok	ok	ok	
101	0		ok	ok	ok	ok	
102	0		ok	ok	ok	ok	
103	0		ok	ok	ok	ok	
104	0		ok	ok	ok	ok	

resource_num	storage_depth_mwh	is_hybrid	hybrid_generator_mw	hybrid_combined_max_mw	hybrid_can_charge_from_grid	execution_year	execution_month	start_year	start_month	end_year
79						2020	4	2020	8	2020
80						2020	4	2020	8	2020
81						2020	4	2020	8	2020
82						2020	4	2020	8	2020
83						2020	4	2020	8	2020
84						2020	5	2020	10	2020
85						2020	6	2020	9	2020
86						2020	5	2020	8	2020
87						2020	5	2020	8	2020
88						2020	5	2020	8	2020
89						2020	5	2020	8	2020
90						2020	6	2020	6	2020
91						2020	6	2020	6	2020
92						2020	6	2020	6	2020
93						2020	6	2021	1	2021
94						2020	6	2021	1	2021
95						2020	6	2020	9	2020
96						2020	7	2020	9	2020
97						2020	6	2020	9	2020
98						2020	7	2021	4	2021
99						2020	7	2021	4	2021
100						2020	7	2021	4	2021
101						2020	7	2020	10	2020
102						2020	7	2020	10	2020
103						2020	7	2020	10	2020
104						2020	7	2020	10	2020

resource_num	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	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021
79	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
80	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
81	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
82	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
83	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
84	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
85	9	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
86	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
87	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
88	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
89	8	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
90	6	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
91	6	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
92	6	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
93	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
94	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
95	9	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
96	9	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
97	9	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
98	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
99	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
100	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
101	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
102	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
103	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
104	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted

resource_num	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
79	0	#VALUE!	#VALUE!	0
80	0	#VALUE!	#VALUE!	0
81	0	#VALUE!	#VALUE!	0
82	0	#VALUE!	#VALUE!	0
83	0	#VALUE!	#VALUE!	0
84	0	#VALUE!	#VALUE!	0
85	0	#VALUE!	#VALUE!	0
86	0	#VALUE!	#VALUE!	0
87	0	#VALUE!	#VALUE!	0
88	0	#VALUE!	#VALUE!	0
89	0	#VALUE!	#VALUE!	0
90	0	#VALUE!	#VALUE!	0
91	0	#VALUE!	#VALUE!	0
92	0	#VALUE!	#VALUE!	0
93	0	#VALUE!	#VALUE!	0
94	0	#VALUE!	#VALUE!	0
95	0	#VALUE!	#VALUE!	0
96	0	#VALUE!	#VALUE!	0
97	0	#VALUE!	#VALUE!	0
98	0	#VALUE!	#VALUE!	0
99	0	#VALUE!	#VALUE!	0
100	0	#VALUE!	#VALUE!	0
101	0	#VALUE!	#VALUE!	0
102	0	#VALUE!	#VALUE!	0
103	0	#VALUE!	#VALUE!	0
104	0	#VALUE!	#VALUE!	0

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

resource_num	is_incremental	incremental_explanation	viability_cod_reasonableness	viability_technical_feasibility	viability_resource_sufficiency	viability_financing	storage_max_discharge_mw
105	0		ok	ok	ok	ok	
106	0		ok	ok	ok	ok	
107	0		ok	ok	ok	ok	
108	0		ok	ok	ok	ok	
109	0		ok	ok	ok	ok	
110	0		ok	ok	ok	ok	
111	0		ok	ok	ok	ok	
112	0		ok	ok	ok	ok	
113	0		ok	ok	ok	ok	
114	1		3	1	2	4	
115	0		ok	ok	ok	ok	
116	0		ok	ok	ok	ok	
117	0		ok	ok	ok	ok	
118	0		ok	ok	ok	ok	
119	0		ok	ok	ok	ok	
120	0		ok	ok	ok	ok	
121	1		3	1	2	4	4
122	1		3	1	2	4	8
123	0		ok	ok	ok	ok	
124	0		ok	ok	ok	ok	

resource_num	storage_depth_mwh	is_hybrid	hybrid_generator_mw	hybrid_combined_max_mw	hybrid_can_charge_from_grid	execution_year	execution_month	start_year	start_month	end_year
105						2020	7	2020	10	2020
106						2020	7	2020	10	2020
107						2020	7	2020	10	2020
108						2020	7	2020	10	2020
109						2020	8	2021	1	2021
110						2020	8	2021	1	2021
111						2020	8	2021	1	2021
112						2020	8	2021	1	2021
113						2020	1	2020	1	2030
114						2020	12	2022	1	2036
115						2021	12	2021	12	2031
116						2021	12	2021	12	2031
117						2021	12	2021	12	2031
118						2021	12	2021	12	2031
119						2022	6	2023	1	2030
120						2022	6	2023	1	2030
121	32	0				2024	6	2026	1	2035
122	30	1	15	23	0	2021	12	2023	1	2037
123						2020	10	2022	1	2028
124						2020	10	2021	1	2030

resource_num	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	NQC MW in September 2021	Supply Side incremental NQC MW in September 2021	Incremental energy-only NQC MW in September 2021
105	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
106	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
107	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
108	10	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
109	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
110	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
111	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
112	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
113	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
114	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
115	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
116	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
117	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
118	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
119	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
120	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
121	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
122	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
123	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted
124	12	1	1	1	1	1	Redacted	Redacted	Redacted	Redacted

resource_num	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
105	0	#VALUE!	#VALUE!	0
106	0	#VALUE!	#VALUE!	0
107	0	#VALUE!	#VALUE!	0
108	0	#VALUE!	#VALUE!	0
109	0	#VALUE!	#VALUE!	0
110	0	#VALUE!	#VALUE!	0
111	0	#VALUE!	#VALUE!	0
112	0	#VALUE!	#VALUE!	0
113	0	#VALUE!	#VALUE!	0
114	0	#VALUE!	#VALUE!	0
115	0	#VALUE!	#VALUE!	0
116	0	#VALUE!	#VALUE!	0
117	0	#VALUE!	#VALUE!	0
118	0	#VALUE!	#VALUE!	0
119	0	#VALUE!	#VALUE!	0
120	0	#VALUE!	#VALUE!	0
121	0	#VALUE!	#VALUE!	0
122	0	#VALUE!	#VALUE!	0
123	0	#VALUE!	#VALUE!	0
124	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