

Monthly Trading Report

December 2024



December Market Overview



USEP
\$127.16/MWh

	Weekdays	Saturday	Sunday
Daily Average	136.80	107.45	106.57
Daily Maximum	4,468.92	407.59	249.47
Daily Minimum	72.79	70.47	70.14

(in \$/MWh)



Forecasted Demand
6,363MW

Daily Average	6,492	6,174	6,041
Daily Maximum	7,393	6,890	6,837
Daily Minimum	5,433	5,540	5,479

(in MW)



Forecasted Solar*
311MW

Daily Average	289	383	340
Daily Maximum	772	746	799
Daily Minimum	1	1	1

(in MW)



Total Supply
7,403MW

Daily Average	7,471	7,410	7,162
Daily Maximum	8,091	7,988	7,583
Daily Minimum	6,586	7,019	6,448

(in MW)



Primary Reserve
3.07

Contingency Reserve
9.69

Regulation
15.66
(in \$/MWh)

Primary Reserve	3.36	1.41	3.14
Contingency Reserve	10.92	5.96	7.87
Regulation	17.17	10.74	13.64

(in \$/MWh)

*The table reflects the monthly forecasted solar for periods between 15 and 38.

Forecasted Demand, Solar and USEP

Figure 1: Forecasted Demand vs USEP for This Month

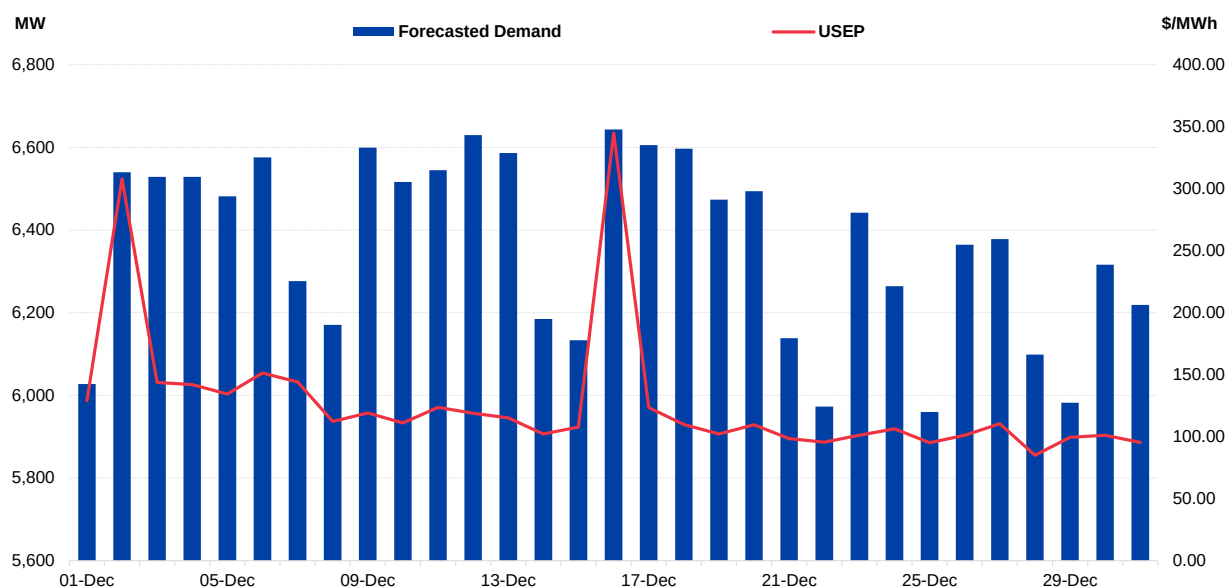
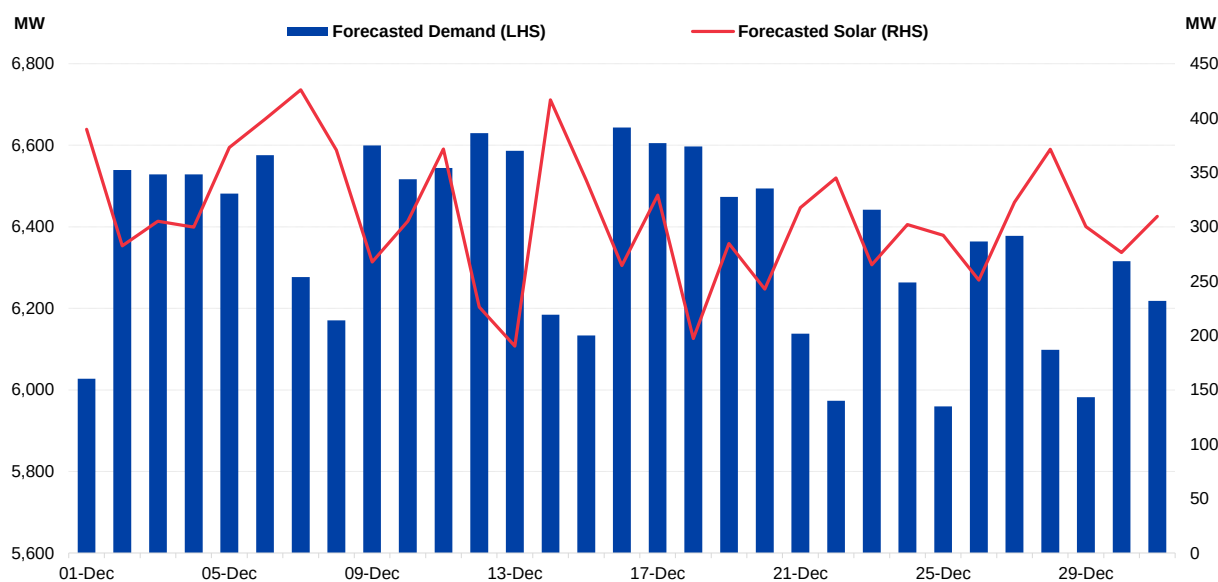


Figure 2: Forecasted Demand vs Forecasted Solar for This Month



Notes: Figure 2 reflects the daily average forecasted solar for periods between 15 and 38. "LHS" in bracket denotes Left Hand Side Axis, and "RHS" in bracket denotes Right Hand Side Axis.

Forecasted Demand, Solar and USEP

Figure 3: Forecasted Demand vs USEP for Last 12 Months

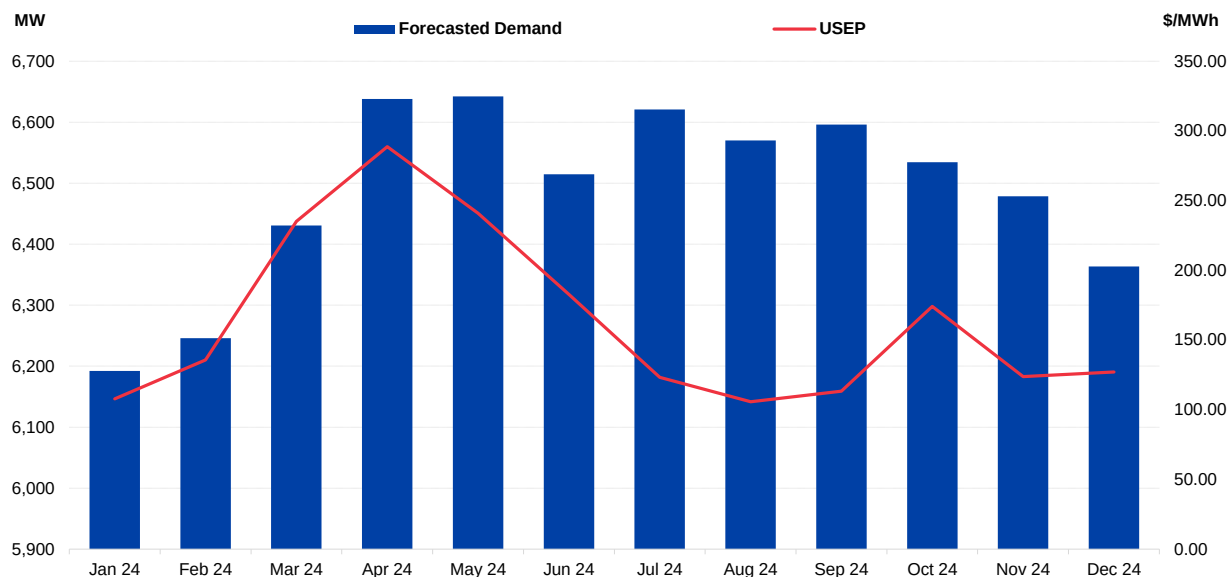
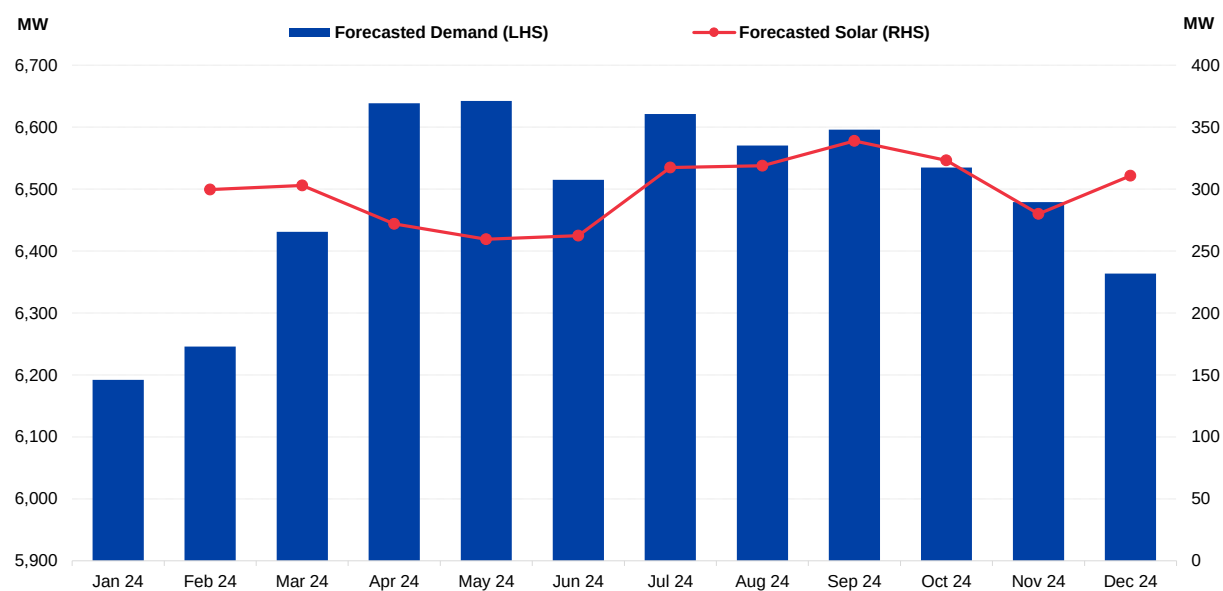


Figure 4: Forecasted Demand vs Forecasted Solar for Last 12 Months



Notes: Figure 4 reflects the monthly average forecasted solar for periods between 15 and 38. Forecasted solar took effect from 21 February 2024.

Figure 5: Average Generation by Type for This Month

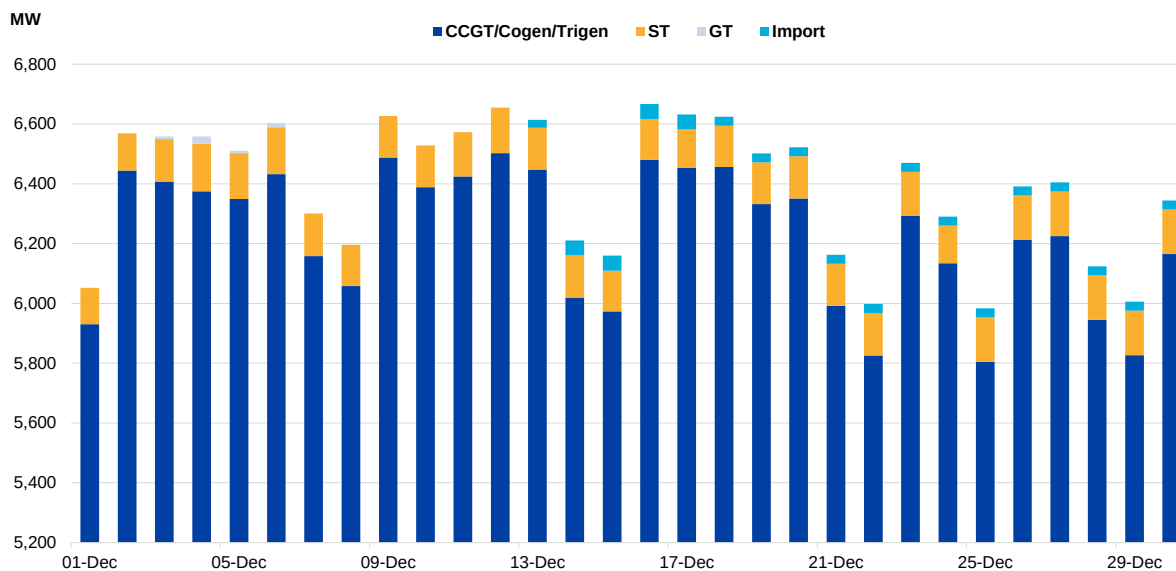
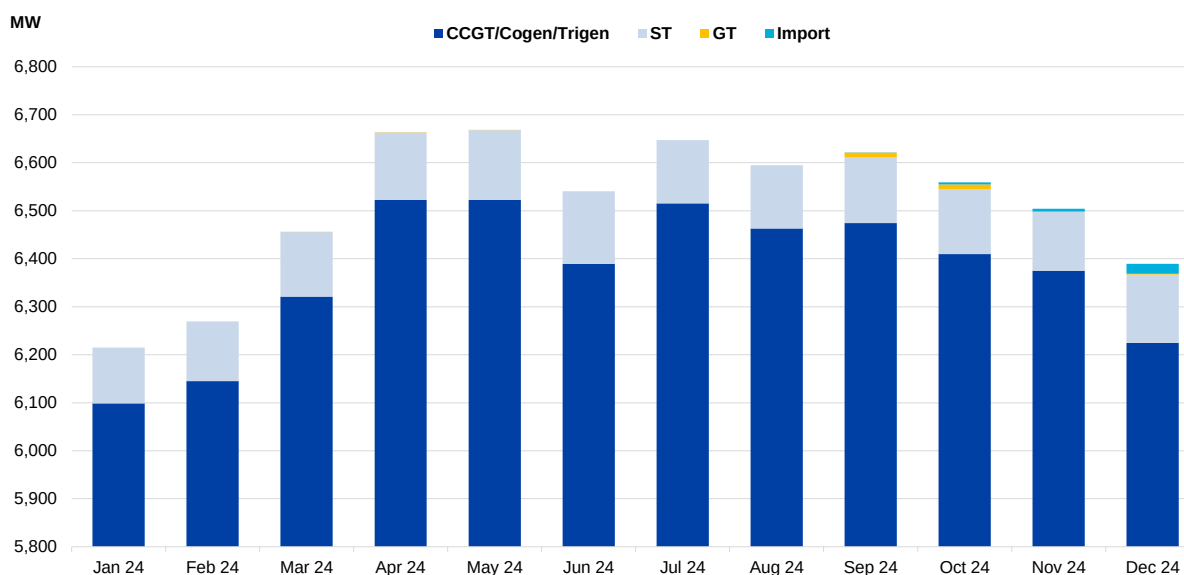


Figure 6: Average Generation by Type for Last 12 Months



Market Overview

Figure 7: YOY % Change of USEP and Forecasted Demand

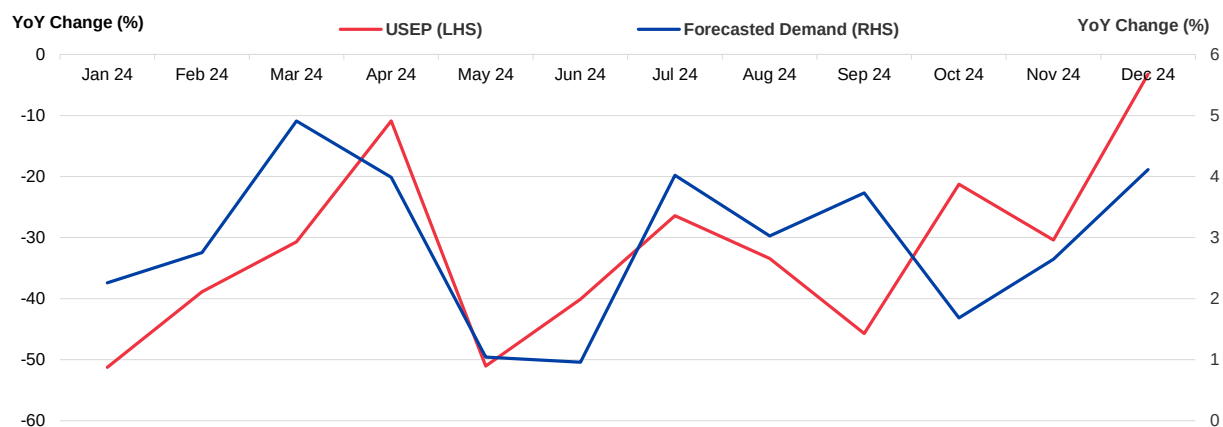


Figure 8: Ancillary Prices

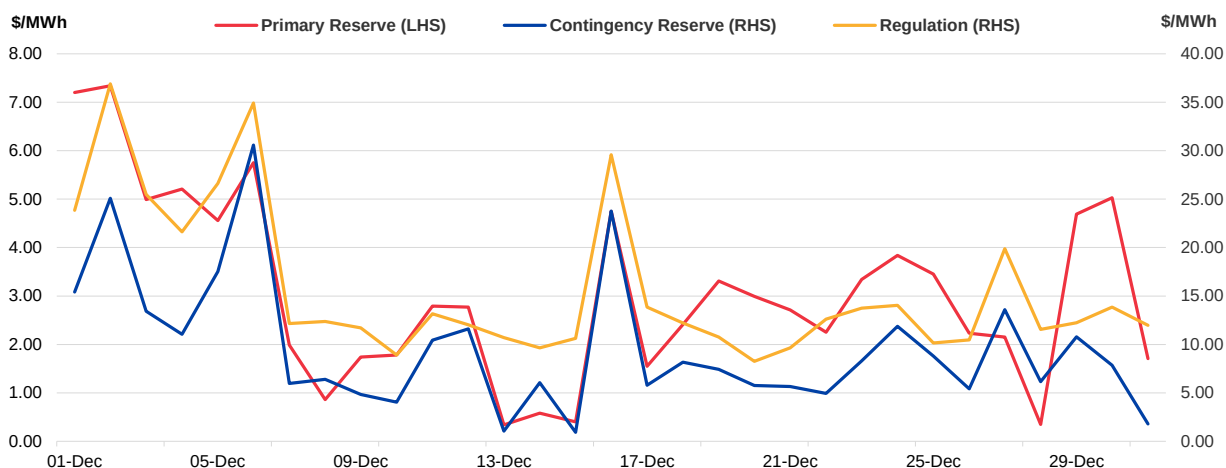
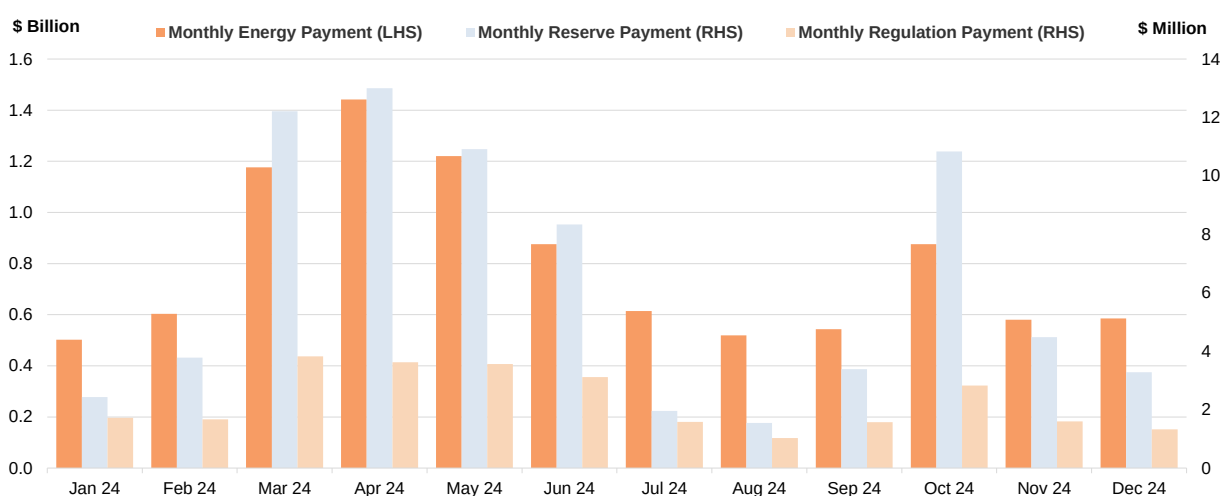


Figure 9: Monthly Payment for Last 12 Months



Market Overview

Figure 10: Instances of Demand Response (DR) Load Curtailment for Last 12 Months

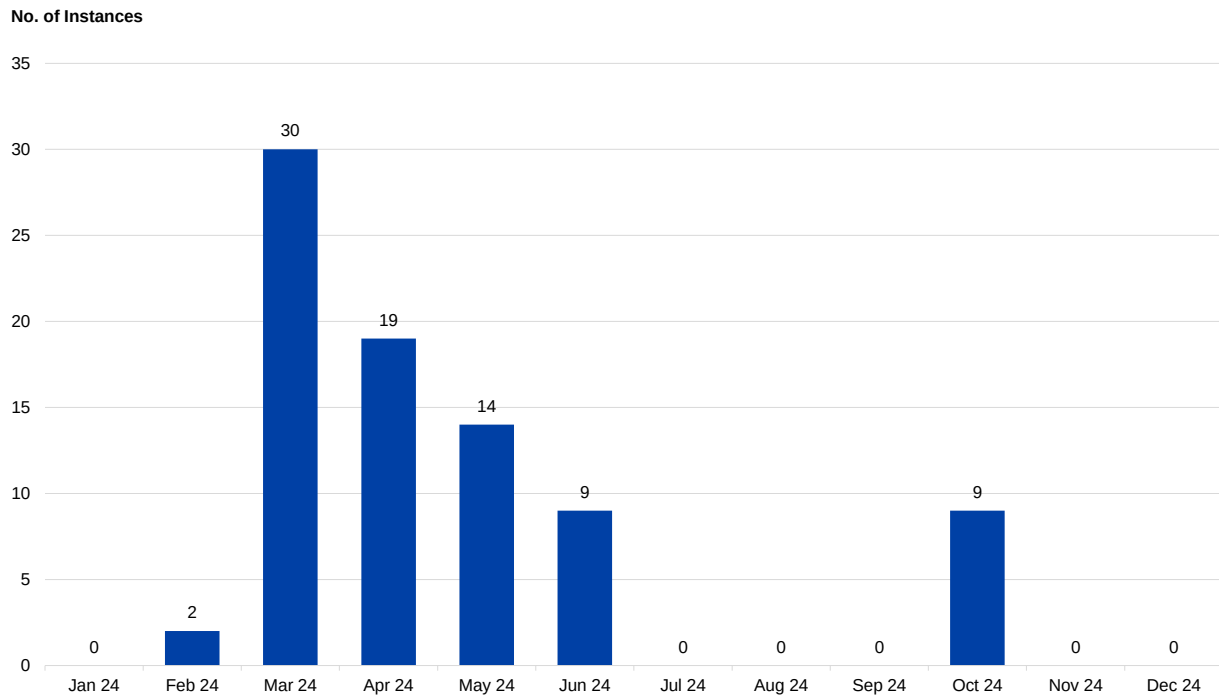
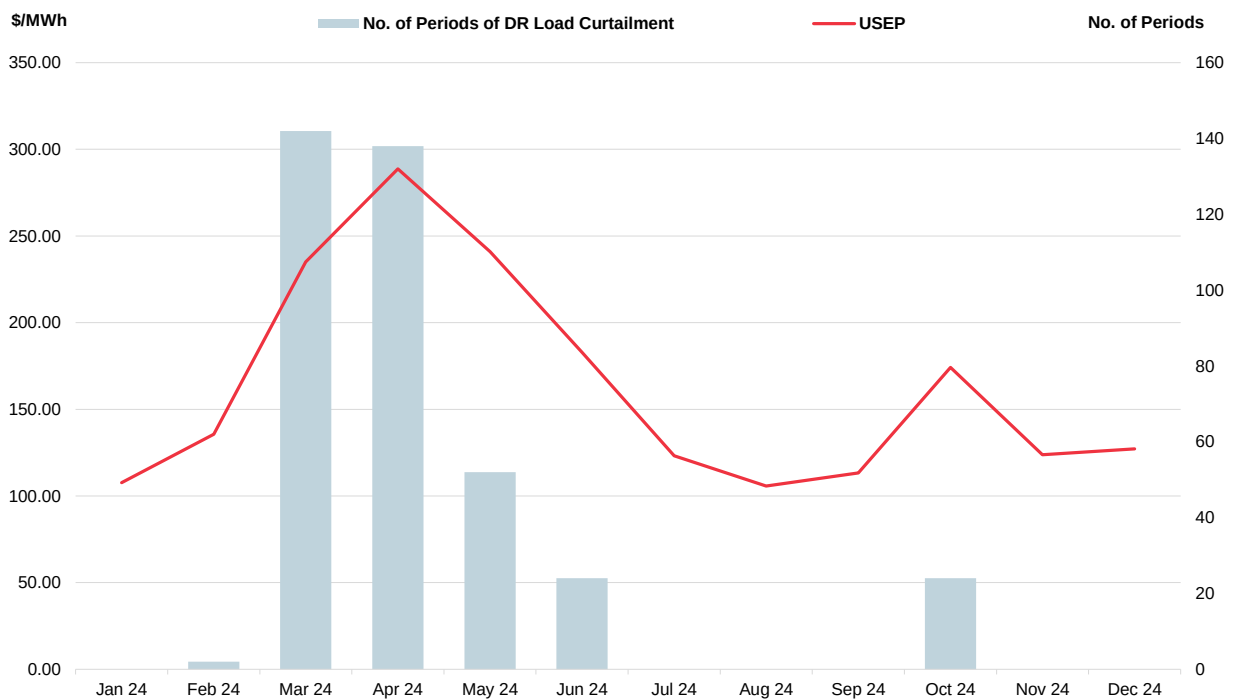


Figure 11: USEP and Periods of DR Load Curtailment for Last 12 Months



Market Statistics

Figure 12: Price Statistics for Year 2024

	USEP (\$/MWh)			Forecasted Demand (MW)			Forecasted Solar (MW)		
	Average	Min	Max	Average	Min	Max	Average	Min	Max
Jan	107.71	-20.17	297.10	6,192	5,082	7,178	-	-	-
Feb	135.68	49.78	705.88	6,246	5,108	7,203	300	1	648
Mar	235.06	65.26	4,500.00	6,431	5,436	7,287	303	1	698
Apr	288.71	84.72	3,727.43	6,638	5,570	7,640	272	2	654
May	240.96	92.35	4,101.72	6,642	5,594	7,706	260	3	637
Jun	182.85	66.82	4,500.00	6,515	5,509	7,445	262	2	655
Jul	123.23	66.38	4,263.11	6,621	5,537	7,515	317	3	721
Aug	105.74	68.12	306.98	6,570	5,655	7,471	319	3	812
Sep	113.23	70.01	761.57	6,596	5,655	7,612	339	6	826
Oct	174.12	81.18	4,305.21	6,535	5,493	7,534	323	7	812
Nov	123.72	70.47	528.50	6,479	5,487	7,582	280	2	787
Dec	127.16	70.14	4,468.92	6,363	5,433	7,393	311	1	799
Yearly	163.18	-20.17	4,500.00	6,486	5,082	7,706	299	1	826
Q1	160.01	-20.17	4,500.00	6,291	5,082	7,287	302	1	698
Q2	237.54	66.82	4,500.00	6,599	5,509	7,706	265	2	655
Q3	114.08	66.38	4,263.11	6,596	5,537	7,612	325	3	826
Q4	141.86	70.14	4468.92	6,459	5,433	7,582	305	1	812

	Price (\$/MWh)			Requirements (MW)			Generation (%)			
	Primary Reserve	Contingency Reserve	Regulation	Primary Reserve	Contingency Reserve	Regulation	CCGT	ST	GT	Import
Jan	0.29	7.87	18.23	158	383	117	98.13	1.87	0.00	0.00
Feb	0.71	12.92	19.94	168	394	113	98.02	1.98	0.00	0.00
Mar	2.25	38.49	41.96	173	405	113	97.91	2.09	0.00	0.00
Apr	3.01	42.05	41.53	167	408	113	97.89	2.11	0.01	0.00
May	4.83	33.15	39.22	173	412	113	97.81	2.18	0.01	0.00
Jun	4.68	26.00	35.70	174	410	113	97.69	2.30	0.00	0.00
Jul	0.48	6.11	17.49	161	401	113	98.02	1.98	0.00	0.00
Aug	0.69	4.71	11.65	161	397	113	97.99	2.01	0.00	0.00
Sep	2.53	10.28	17.84	171	410	113	97.78	2.08	0.14	0.00
Oct	6.87	32.19	30.98	178	412	113	97.73	2.05	0.16	0.06
Nov	4.92	12.86	18.44	177	409	113	98.02	1.89	0.00	0.09
Dec	3.07	9.69	15.66	180	409	113	97.41	2.23	0.03	0.33
Yearly	2.86	19.70	25.72	170	404	113	97.87	2.06	0.03	0.04
Q1	1.09	19.91	26.86	166	394	115	98.02	1.98	0.00	0.00
Q2	4.18	33.73	38.82	172	410	113	97.80	2.20	0.01	0.00
Q3	1.22	7.00	15.64	164	403	113	97.93	2.02	0.05	0.00
Q4	4.95	18.31	21.73	178	410	113	97.72	2.06	0.06	0.16

Notes: Figure 12 reflects the monthly, quarterly and yearly forecasted solar for periods between 15 and 38.

Figure 13: Renewable Generation Market Share in Percentage for Year 2024 (based on IEQ)

	Renewable Generations	
	IGS	Import
Jan	1.03	0.00
Feb	1.42	0.00
Mar	1.43	0.00
Apr	1.21	0.00
May	1.14	0.00
Jun	1.15	0.00
Jul	1.38	0.00
Aug	1.40	0.00
Sep	1.52	0.00
Oct	1.43	0.07
Nov	1.21	0.10
Dec	1.54	0.34
Yearly	1.32	0.04
Q1	1.29	0.00
Q2	1.17	0.00
Q3	1.43	0.00
Q4	1.39	0.17

Figure 14: Vesting Price, Tariffs and WEP for Year 2024

	Vesting Contract Price (\$/MWh)	Domestic Electricity Tariffs (¢/kWh)	Average WEP (\$/MWh)	WEP Components (\$/MWh)					
				USEP	AFP	HEUC	MEUC	EMC Fees	PSO Fees
Jan	214.19	29.89	107.90	107.71	0.34	-1.00	0.17	0.37	0.31
Feb	214.19	29.89	135.73	135.68	0.34	-1.33	0.34	0.37	0.33
Mar	214.19	29.89	235.07	235.06	0.69	-1.73	0.38	0.37	0.30
Apr	209.41	29.79	287.97	288.71	0.67	-2.20	0.03	0.41	0.35
May	209.41	29.79	240.88	240.96	0.65	-1.68	0.21	0.41	0.34
Jun	209.41	29.79	183.40	182.85	0.60	-1.03	0.22	0.41	0.36
Jul	214.21	29.88	123.62	123.23	0.29	-0.83	0.19	0.41	0.33
Aug	214.21	29.88	105.48	105.74	0.19	-1.36	0.19	0.41	0.32
Sep	214.21	29.88	112.53	113.23	0.30	-0.88	-0.85	0.41	0.33
Oct	206.67	29.10	174.18	174.12	0.51	-1.37	0.19	0.41	0.32
Nov	206.67	29.10	123.78	123.72	0.31	-1.18	0.18	0.41	0.34
Dec	206.67	29.10	128.87	129.15	0.27	-1.47	0.18	0.41	0.33
Yearly	211.12	29.66	163.29	163.35	0.43	-1.34	0.12	0.40	0.33
Q1	214.19	29.89	160.09	160.01	0.46	-1.35	0.30	0.37	0.31
Q2	209.41	29.79	237.45	237.54	0.64	-1.64	0.15	0.41	0.35
Q3	214.21	29.88	113.90	114.08	0.26	-1.02	-0.15	0.41	0.33
Q4	206.67	29.10	142.48	142.53	0.37	-1.34	0.18	0.41	0.33

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