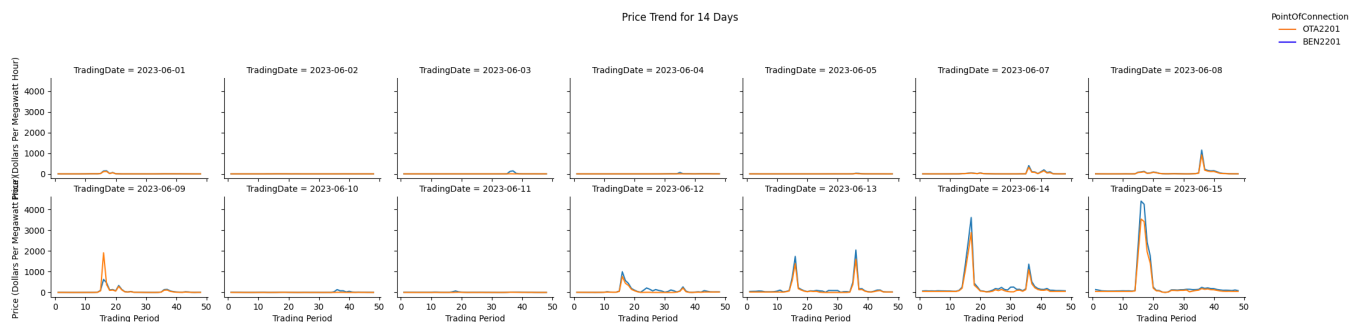


Fortnight Pricing Report for Wholesale Energy From 01/06/2023 - 15/06/2023

Figure 1: Fortnight Price Trend



Insights:

1. The price trend for both OTA2201 and BEN2201 shows a generally smooth and similar pattern across the first ten days in the fortnight.
2. Noticeable price spikes between 06-08 and 06-09 and between 06-12 and 06-15 are observed. These spikes indicate periods of higher price volatility or unusual market conditions that may require further analysis.
3. A price surge on 06-14 and 06-15 highlights a significant event that requires further investigation.

Figure 2: Price Trend for 48 Trading Period over two weeks (line-plot)

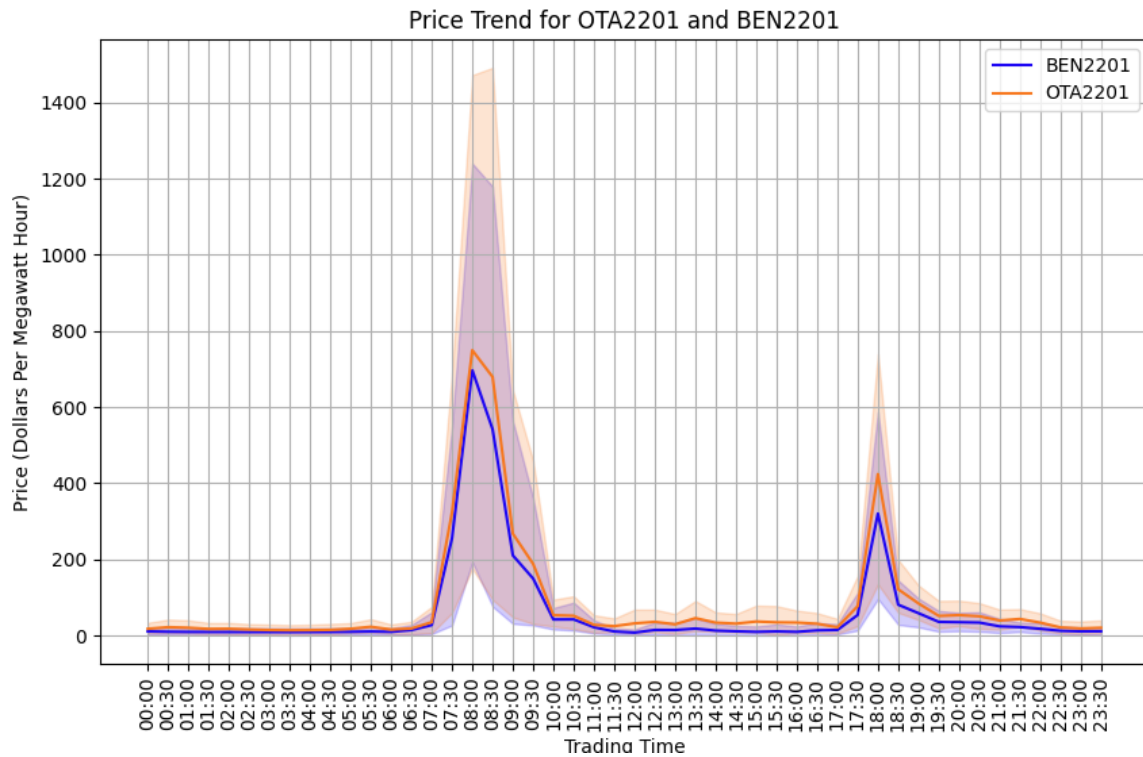
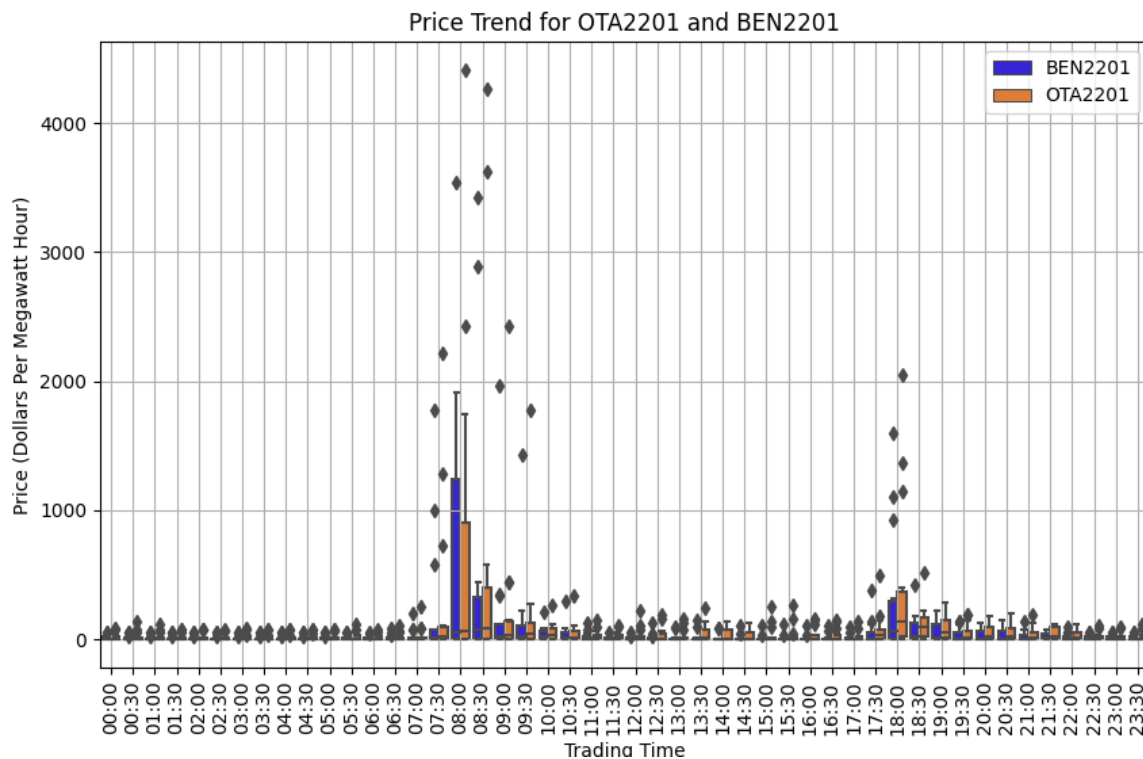


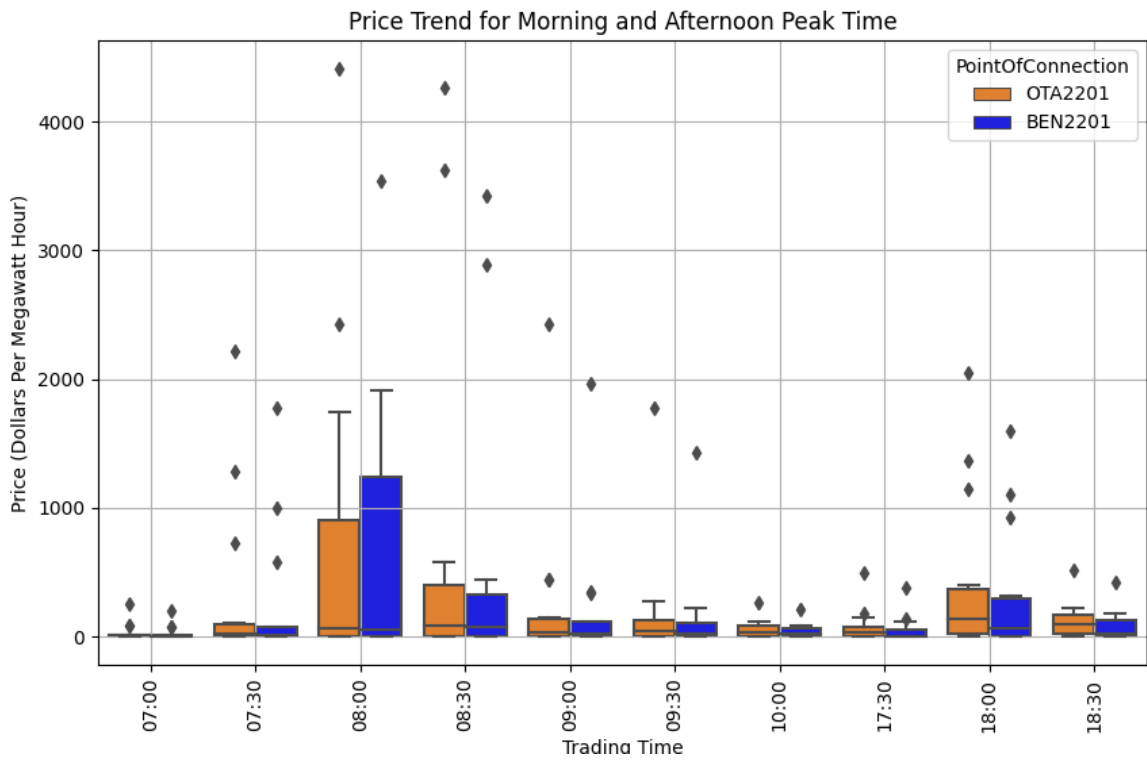
Figure 3: Price Trend for 48 Trading Period over two weeks (box-plot)



Insights:

1. Huge confidence variances are observed during the trading Period 7:00am-10:am and 17:30pm-18:30pm, which align with high demand times in the morning and afternoon.
2. Generally, the Price from OTA2201 and the price from BEN2201 show the same pattern.

Investigate into Morning and Afternoon Peak Time.



Statistics Data for Morning and Afternoon Peak Time of Price of BEN2201

Time	count	mean	std	min	25%	50%	75%	max
07:00	14.0	27.31	55.93	0.01	1.00	3.72	11.41	202.29
07:30	14.0	255.18	525.07	0.01	0.79	13.22	74.78	1776.11
08:00	14.0	696.73	1096.25	0.01	1.16	52.18	1236.12	3543.42
08:30	14.0	541.77	1123.02	0.01	1.51	68.50	327.28	3426.63
09:00	14.0	210.38	517.97	0.02	3.01	19.56	110.63	1960.45
09:30	14.0	149.59	374.91	0.02	3.56	23.67	102.00	1431.40
10:00	14.0	42.08	57.11	0.06	2.56	20.10	65.71	207.75
17:30	14.0	53.76	103.90	0.05	1.55	4.22	51.41	381.05

Time	count	mean	std	min	25%	50%	75%	max
18:00	14.0	320.30	509.52	0.10	4.19	61.38	291.19	1601.32
18:30	14.0	80.87	115.67	0.24	3.67	21.18	128.90	415.08

Statistics Data for Morning and Afternoon Peak Time of Price of OTA2201

Time	count	mean	std	min	25%	50%	75%	max
07:00	14.0	34.88	70.00	0.01	1.52	6.18	14.46	254.54
07:30	14.0	323.37	659.37	0.02	3.13	18.37	95.68	2217.18
08:00	14.0	749.23	1298.58	0.01	4.15	64.80	907.64	4411.87
08:30	14.0	679.22	1398.86	0.02	5.24	85.24	402.75	4261.40
09:00	14.0	267.41	640.25	0.02	4.82	31.57	137.08	2428.21
09:30	14.0	187.96	465.08	0.03	5.24	37.67	123.28	1777.68
10:00	14.0	53.32	71.27	0.08	3.22	29.02	83.07	259.81
17:30	14.0	76.84	131.79	0.08	4.43	26.52	70.91	492.13
18:00	14.0	423.89	633.28	0.16	19.29	137.18	367.66	2048.24
18:30	14.0	121.32	136.45	0.36	18.43	90.64	165.30	517.29