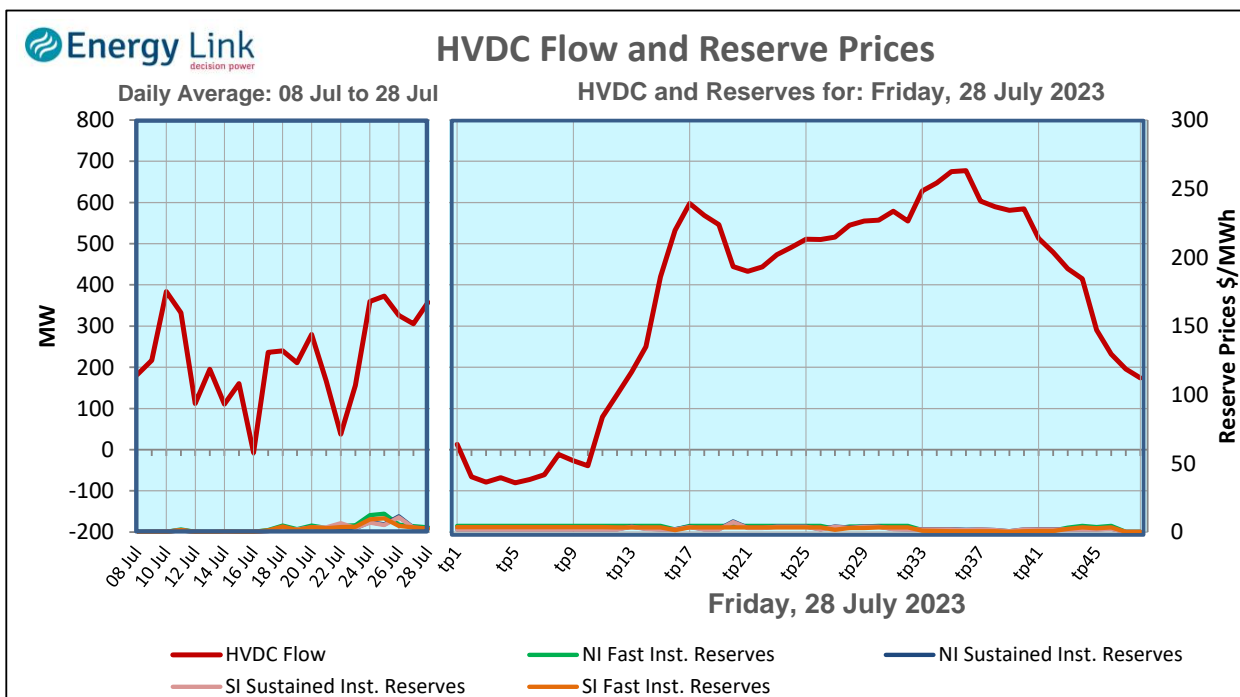
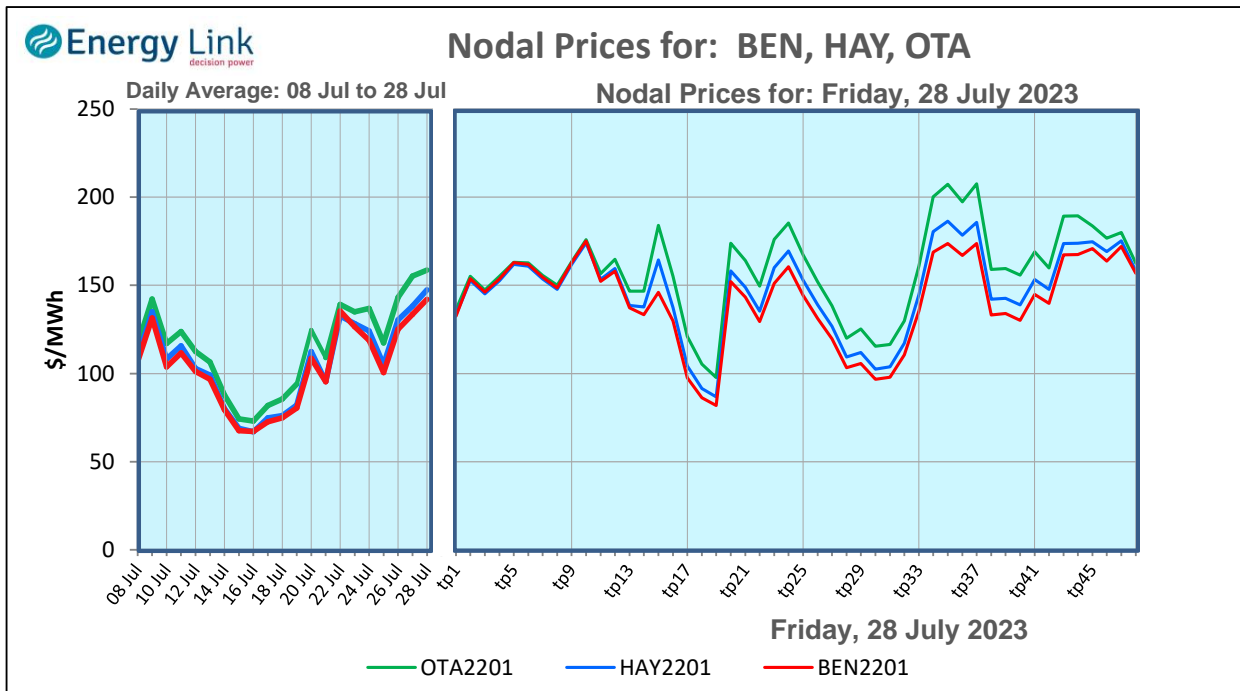




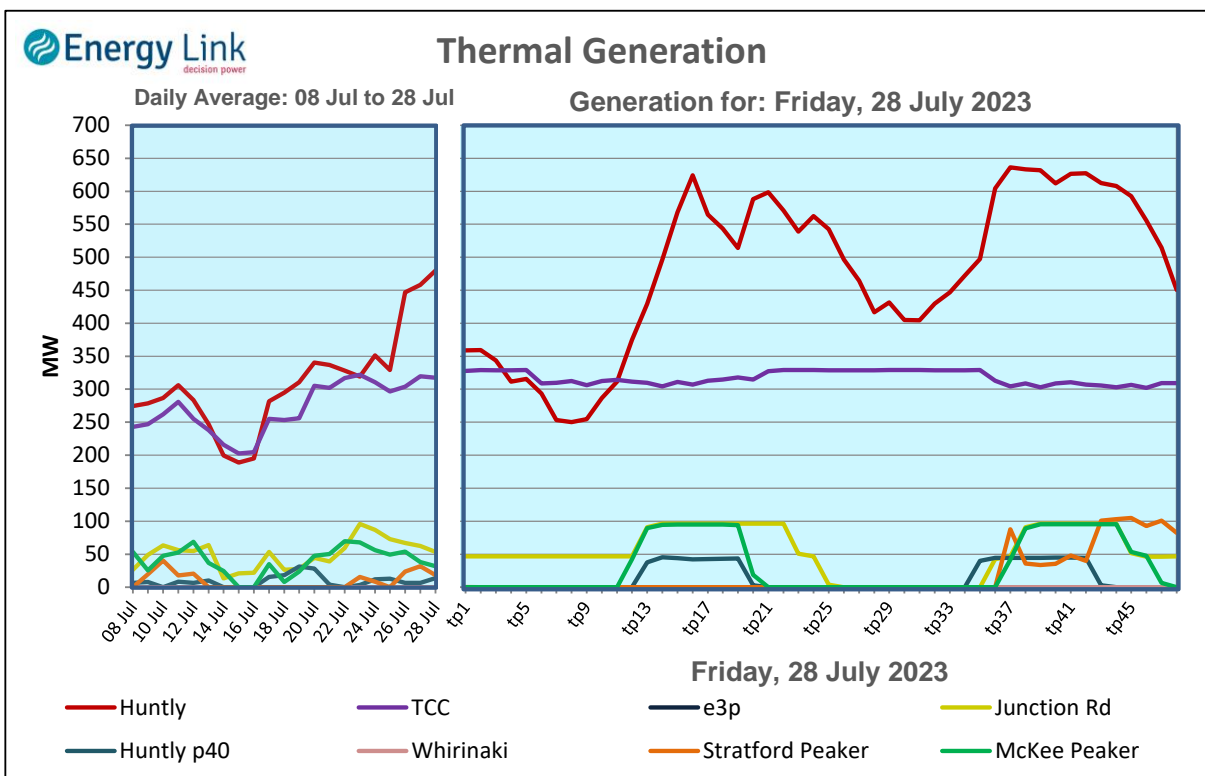
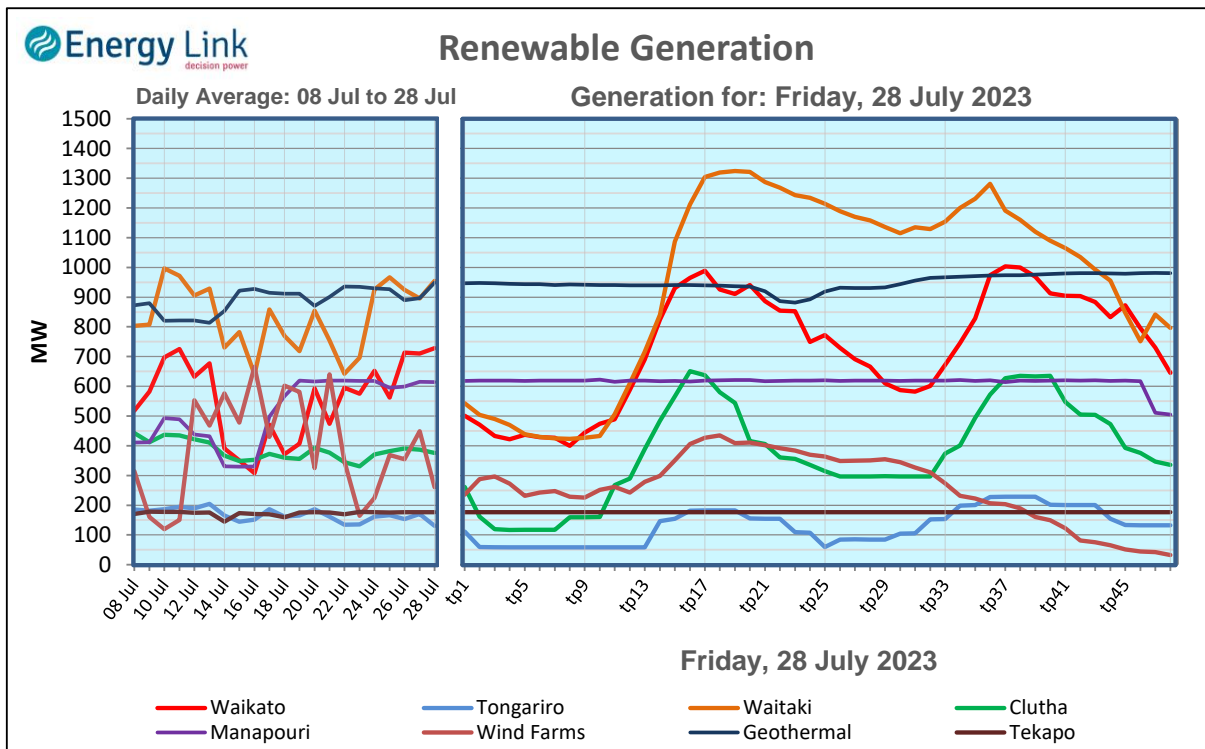
Friday, 28-Jul-2023

Price Status - Final

Node:	Month-to-date	7-day Avg	Daily Avg	Day	Night	Price Range
Benmore	\$105.65	\$126.01	<b>\$142.06</b>	\$137.69	\$155.19	\$81.87 - \$175.12
Haywards	\$108.43	\$129.44	<b>\$147.45</b>	\$145.02	\$154.74	\$86.72 - \$186.38
Otahuhu	\$118.23	\$140.78	<b>\$158.64</b>	\$159.13	\$157.17	\$97.72 - \$207.59



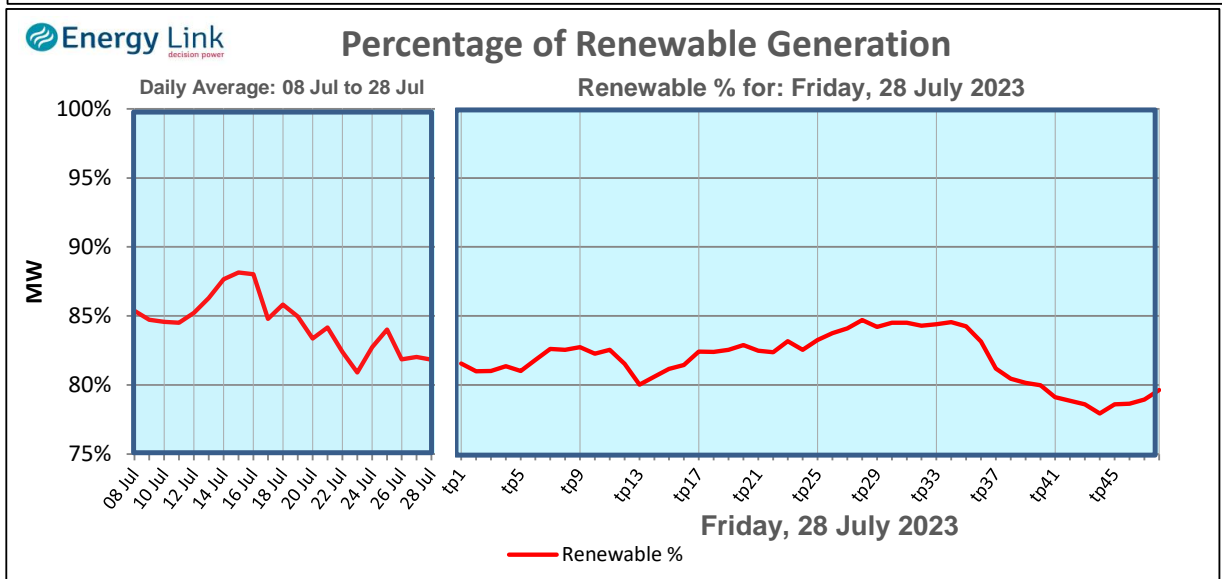
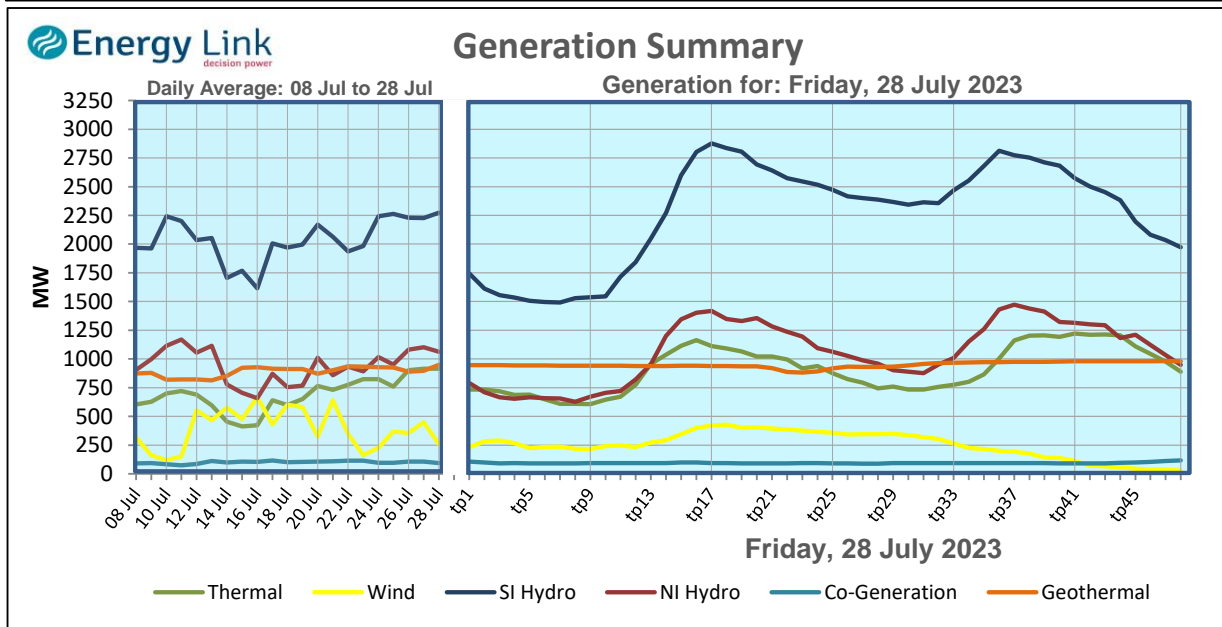
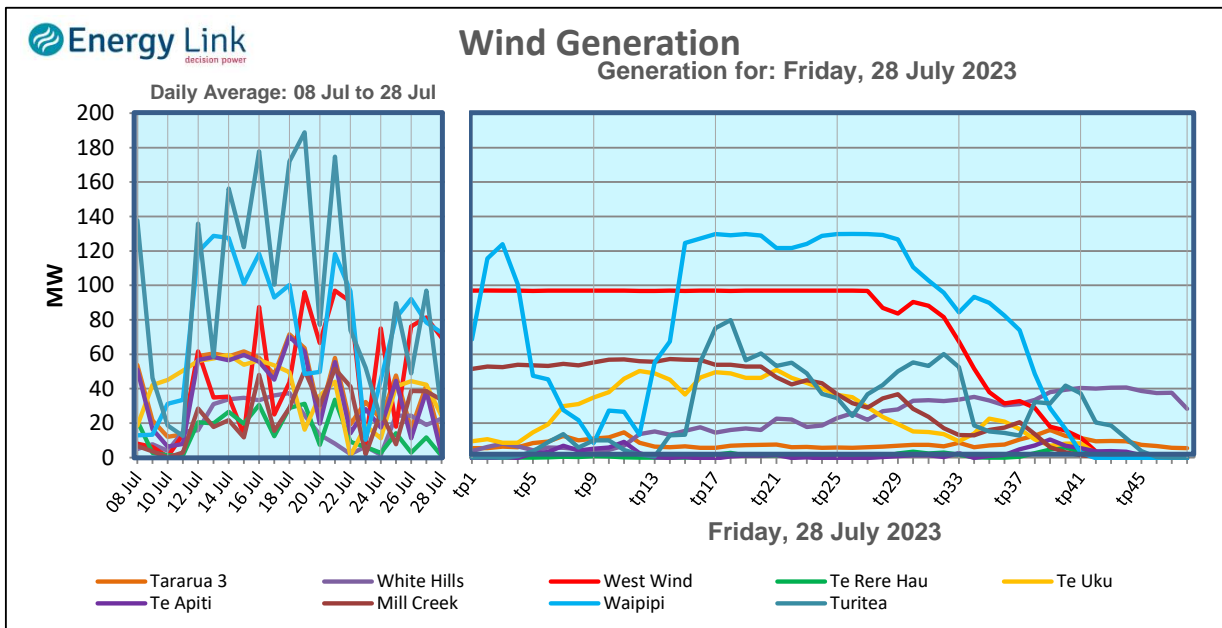
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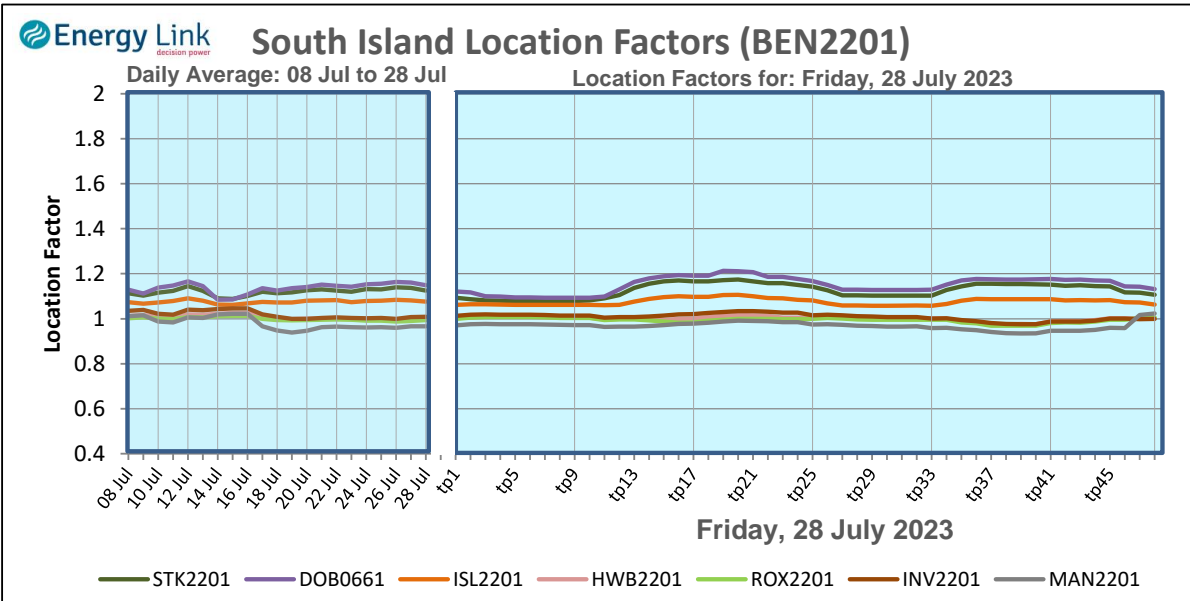
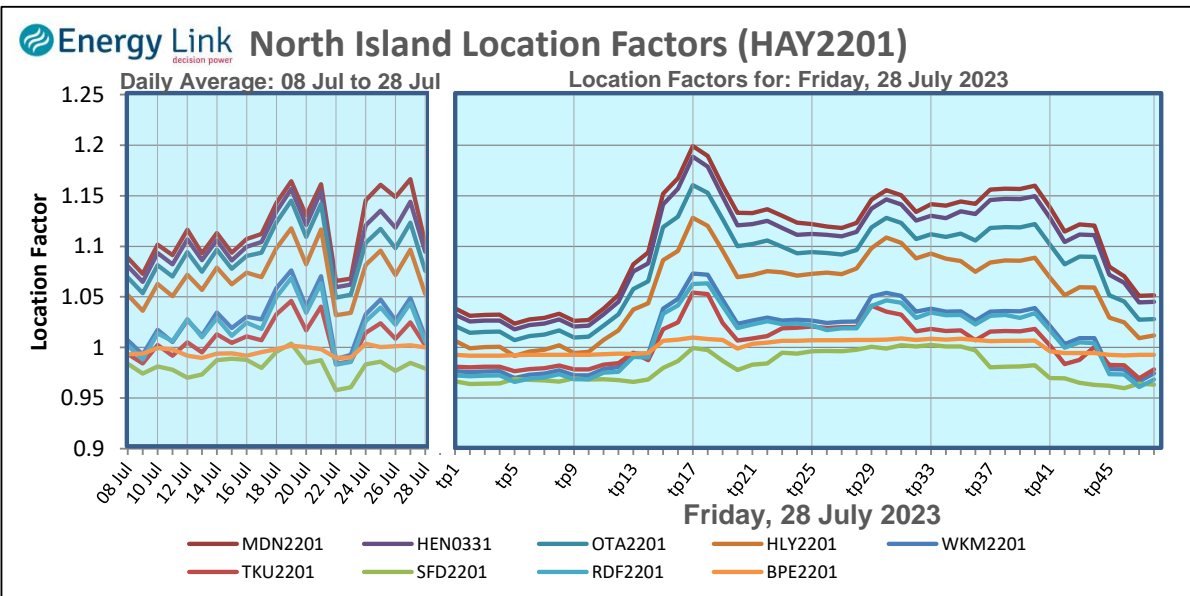
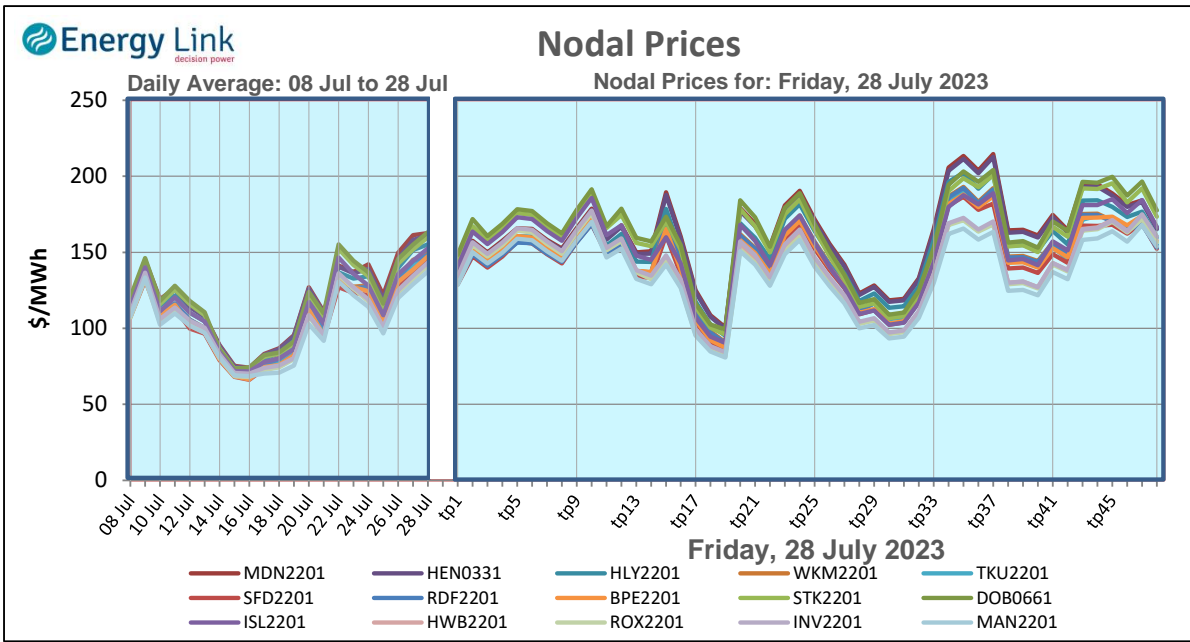
Station	Ave MW	Range (MW)
Huntly	480	250 - 636
TCC	317	302 - 329
e3p	0	0 - 0
Huntly p40	14	0 - 45
Whirinaki	0	0 - 0
Stratford Peaker	18	0 - 105
McKee Peaker	32	0 - 95
Junction Rd	53	0 - 96

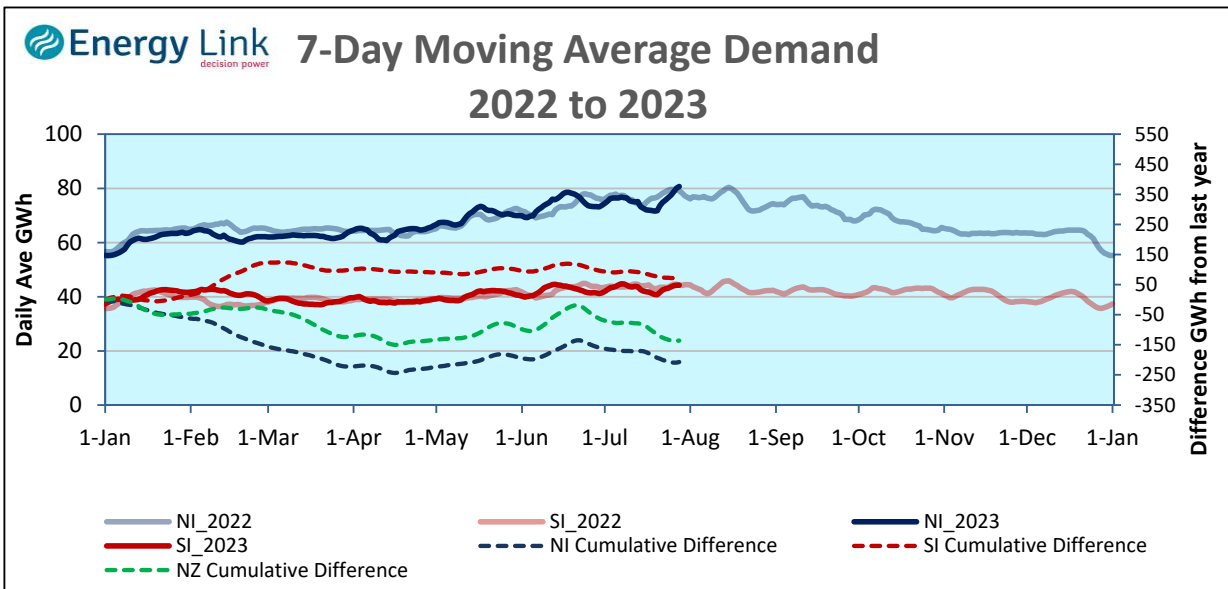
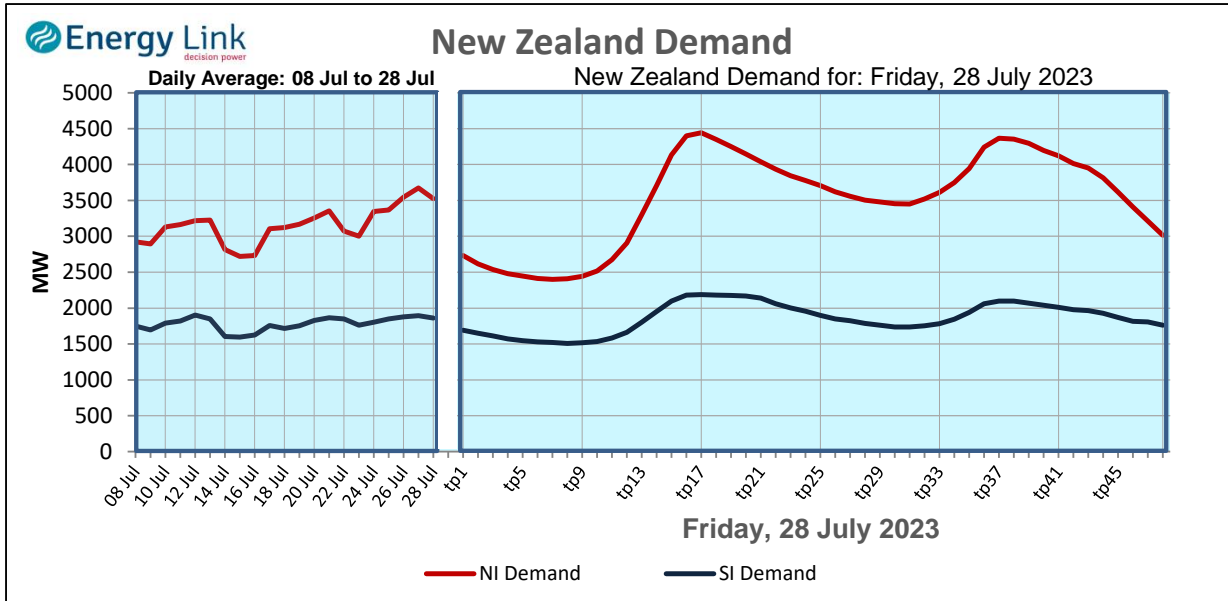
Hydro	Ave MW	Range (MW)
Waikato	728	399 - 1003
Tongariro	130	59 - 229
Waitaki	955	423 - 1324
Tekapo	177	176 - 177
Clutha	375	117 - 651
Manapouri	614	505 - 623
Wind Farms	260	32 - 435

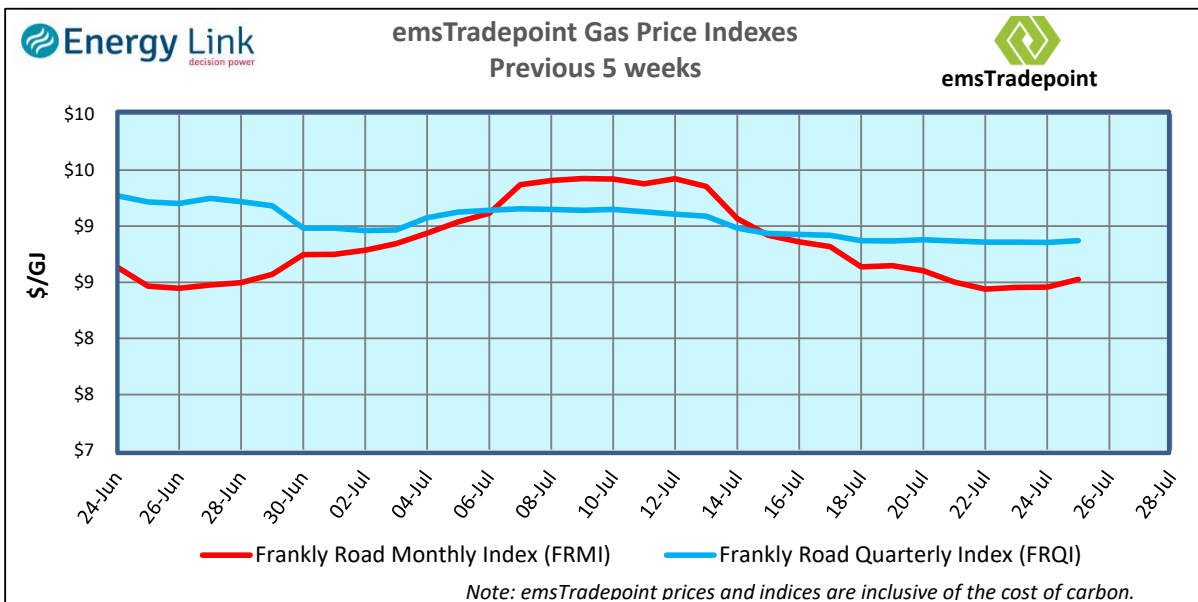
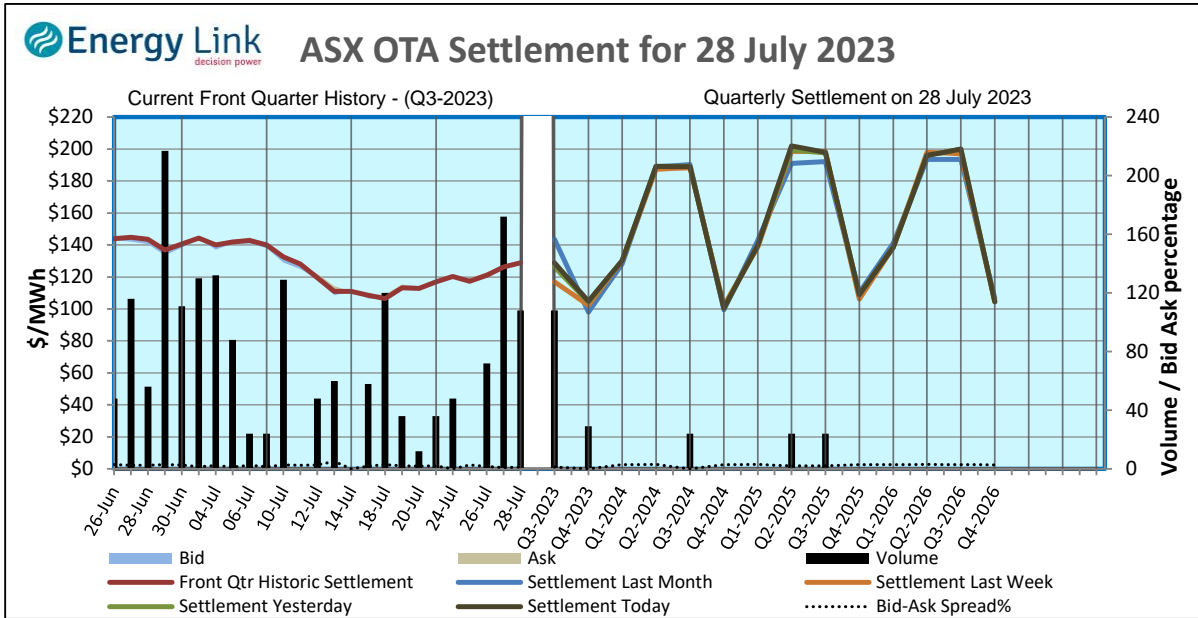
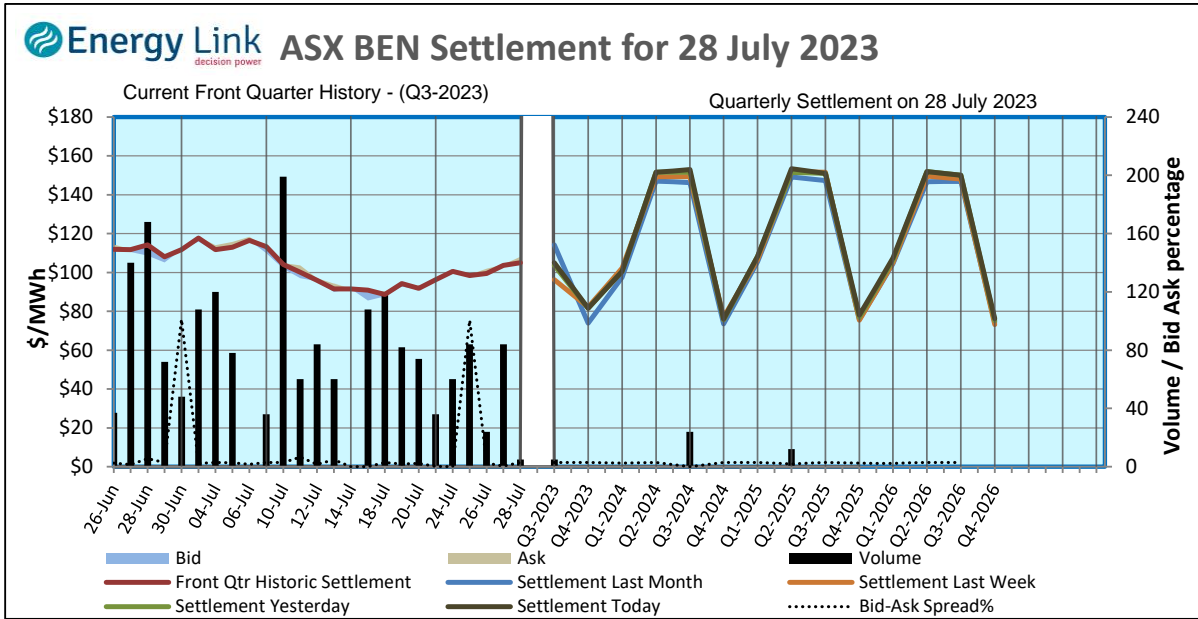
WindFarms - Te Uku, WestWind, TeApti, Tararua 3, White Hills, Waipipi Mill Creek and Te Rere Hau. (Note: Tararua 3 gen is est. from Te Apti)

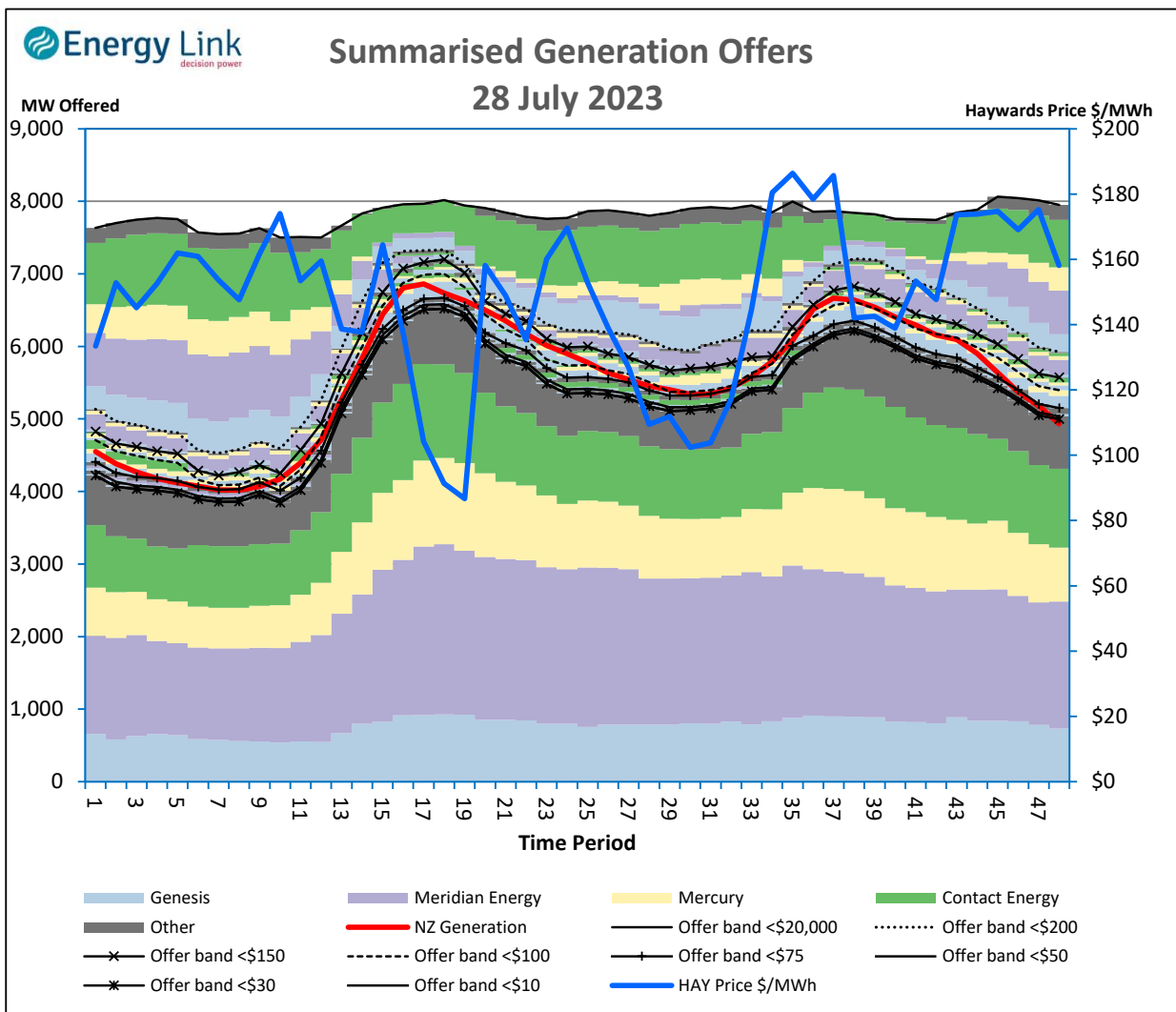


Note: For the purposes of this chart, renewable generation is all hydro, geothermal, wind and grid scale solar. Co-generation is counted as thermal generation even though the carbon may be attributed to other industries.









### Summarised Generation Offers

The chart above shows the quantities of generation offered into the market by individual generators, between pre-defined offer bands. The 8 offer bands displayed are;

<b>\$200 - \$20,000</b>	— Offer band <\$20,000
<b>\$150 - \$200</b>	..... Offer band <\$200
<b>\$100 - \$150</b>	—x— Offer band <\$150
<b>\$75 - \$100</b>	- - - - Offer band <\$100
<b>\$50 - \$75</b>	—+— Offer band <\$75
<b>\$30 - \$50</b>	— — Offer band <\$50
<b>\$10 - \$30</b>	—*— Offer band <\$30
<b>\$0 - \$10</b>	— Offer band <\$10

The region below each offer band contains all the generation offer quantities between the two prices (identified as various black lines), displayed as a generator total (regardless of station). The order of the generators within each offerband is the same and does not represent offer stack order, e.g if viewed within an offer band, Contact being above Mercury does not mean that Contact's offers were higher than Mercury's.

NZ Generation has been used to represent demand so that losses can be taken into account, however it is not total generation as not all embedded or wind generation data is available, also marginal losses and lines constraints are not represented. Therefore the NZ Generation line will not necessarily represent the price.

NZ Generation (red line) and the Haywards price (blue line) are plotted on the chart to assist in interpretation. The price on the second axis relates to the blue 'Haywards Price' line only.

