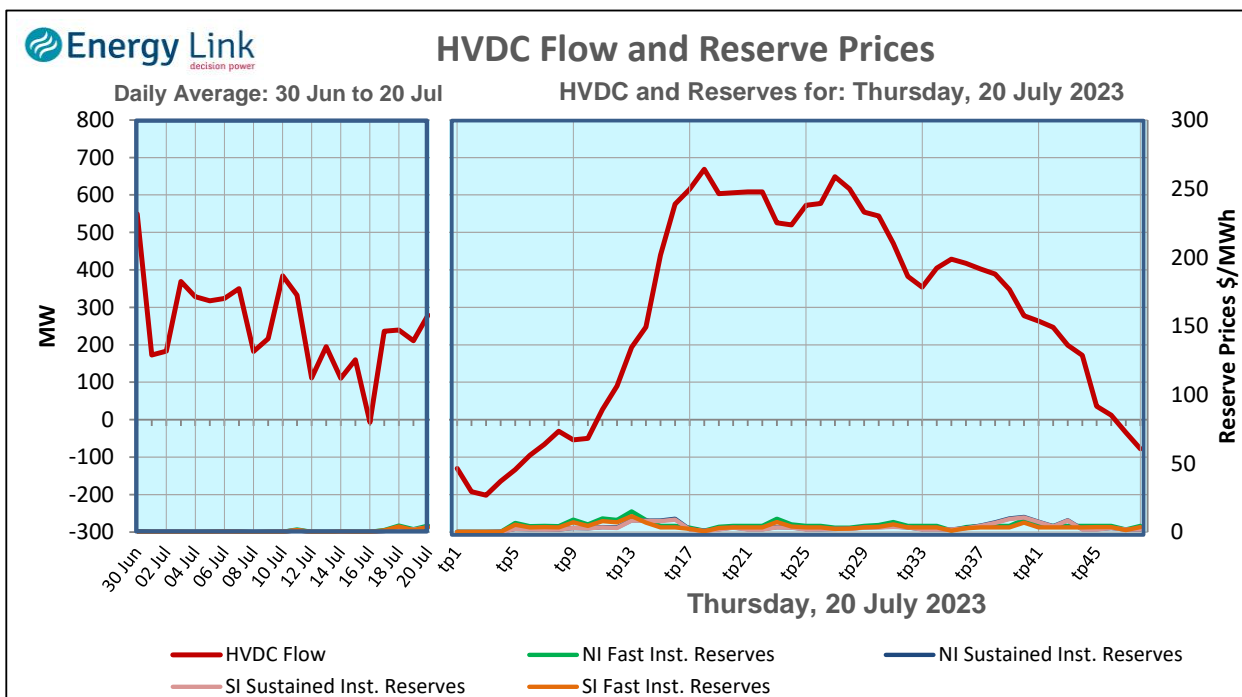
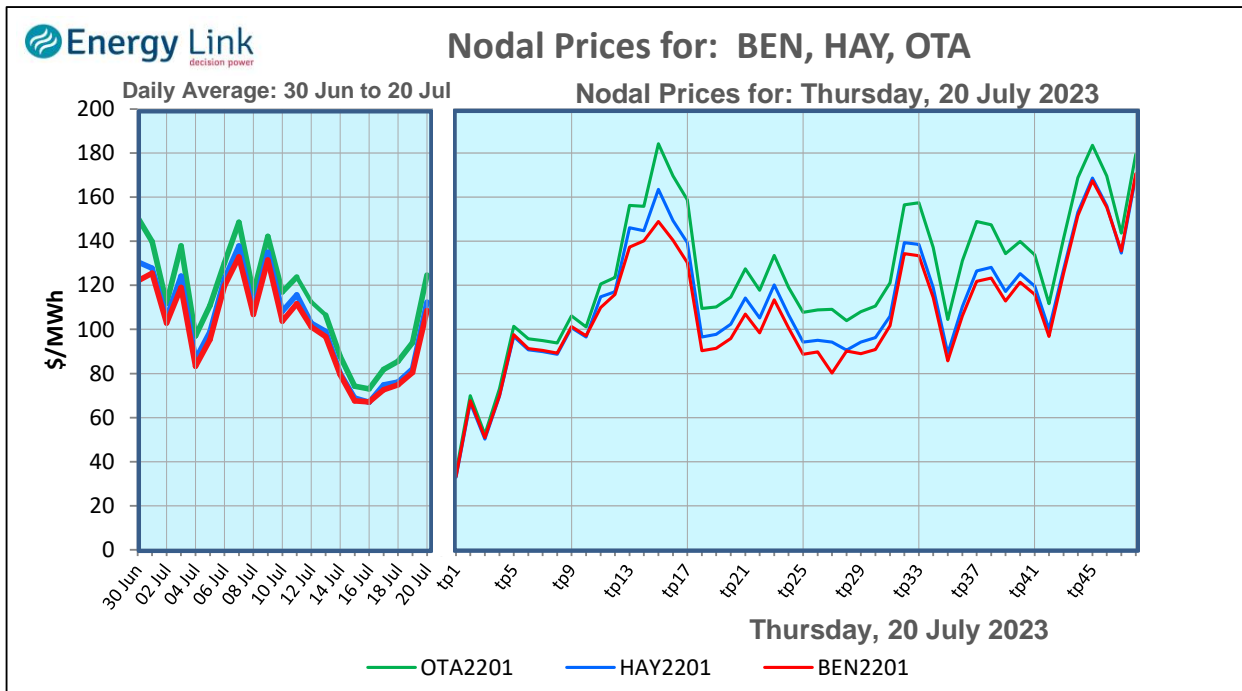




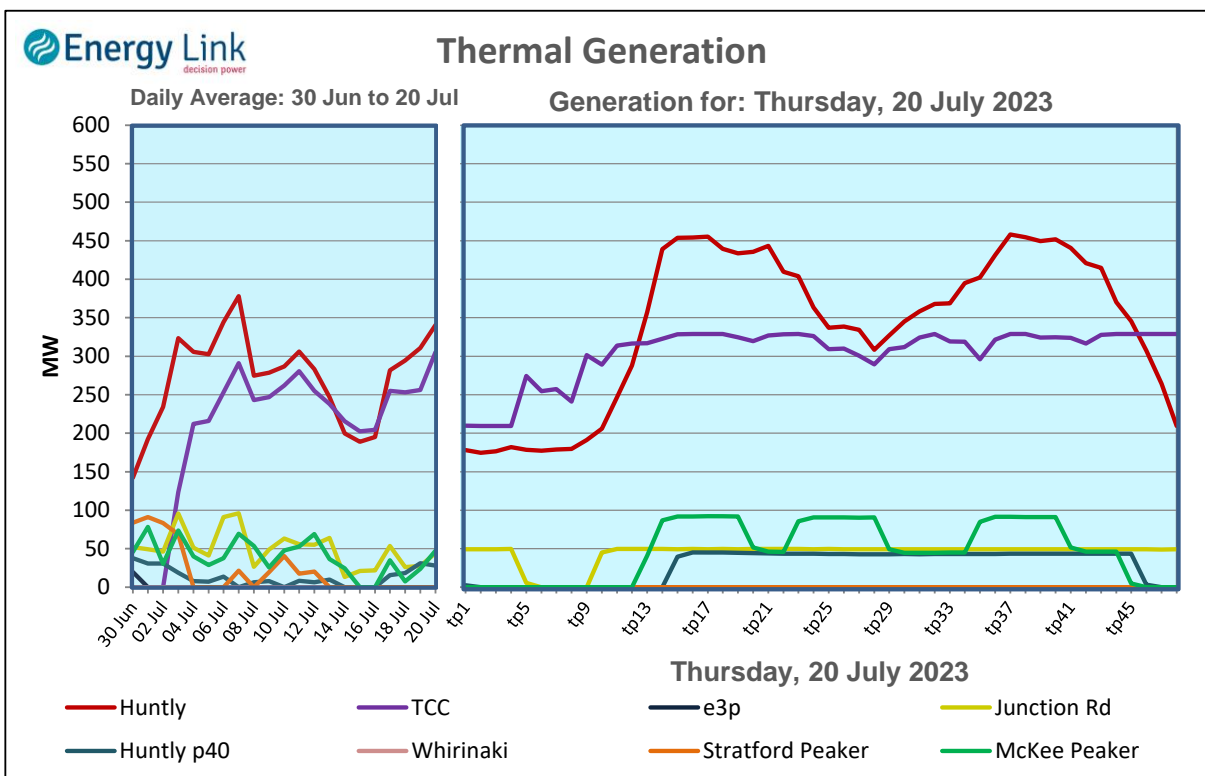
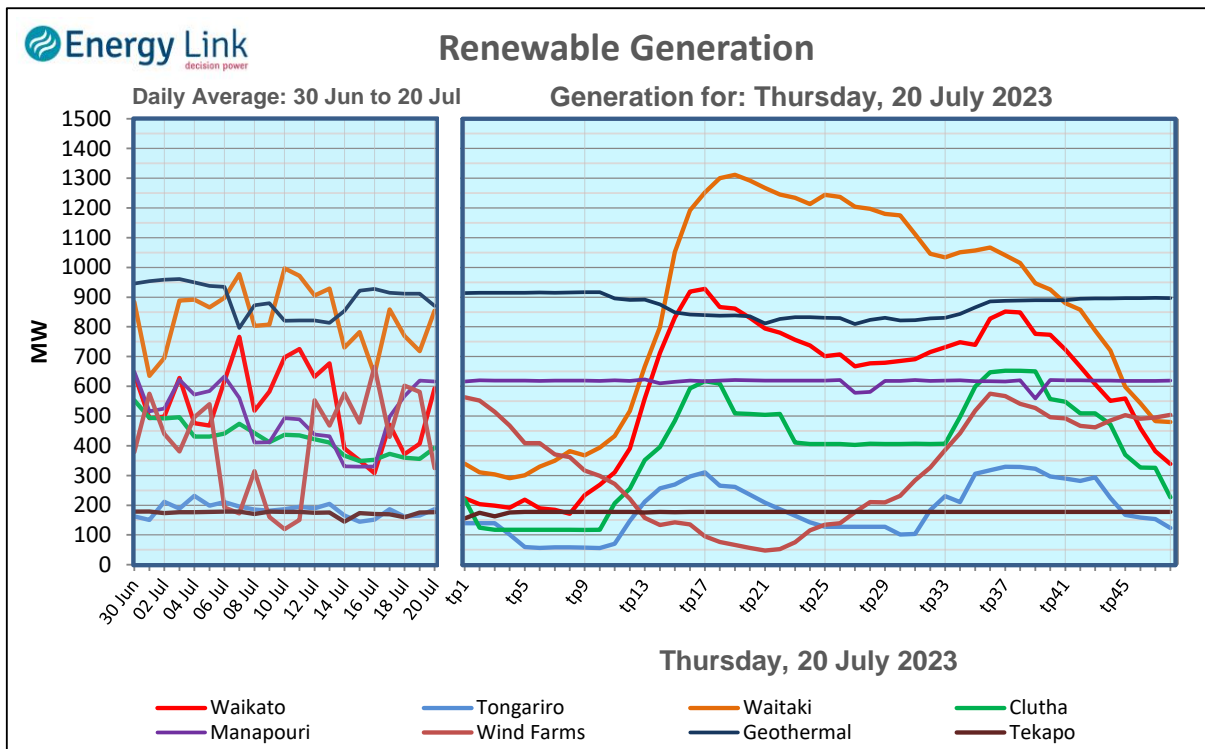
Thursday, 20-Jul-2023

Price Status - Final

Node:	Month-to-date	7-day Avg	Daily Avg	Day	Night	Price Range
Benmore	\$99.05	\$78.66	\$108.59	\$116.60	\$84.55	\$33.13 - \$170.70
Haywards	\$101.72	\$80.19	\$112.40	\$121.67	\$84.59	\$32.85 - \$169.51
Otahuhu	\$110.80	\$88.72	\$124.67	\$136.57	\$88.99	\$34.90 - \$184.26



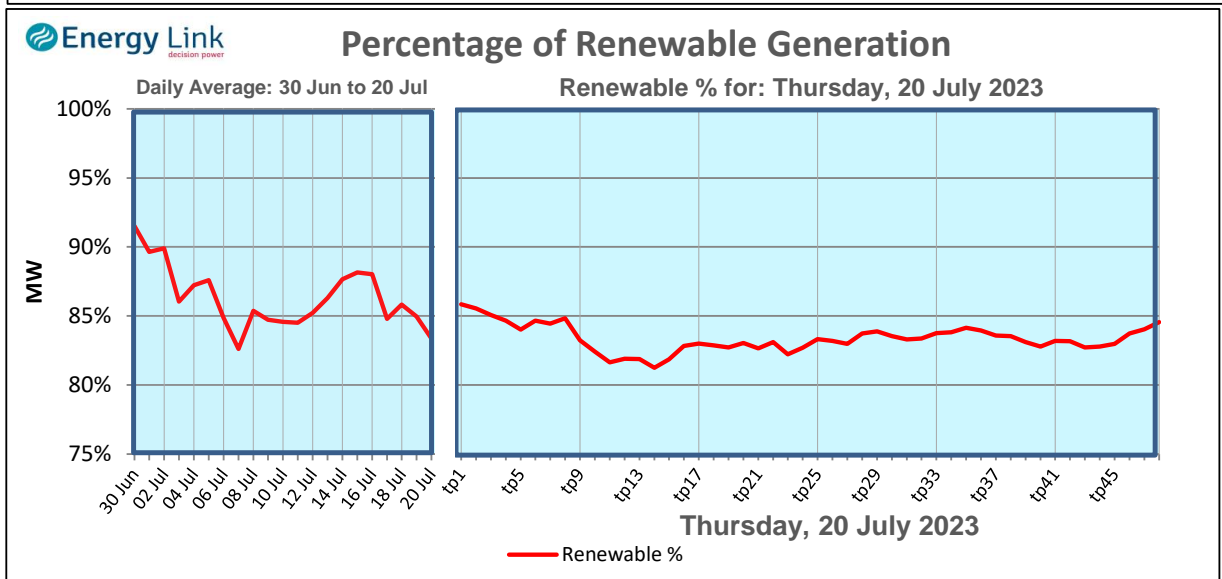
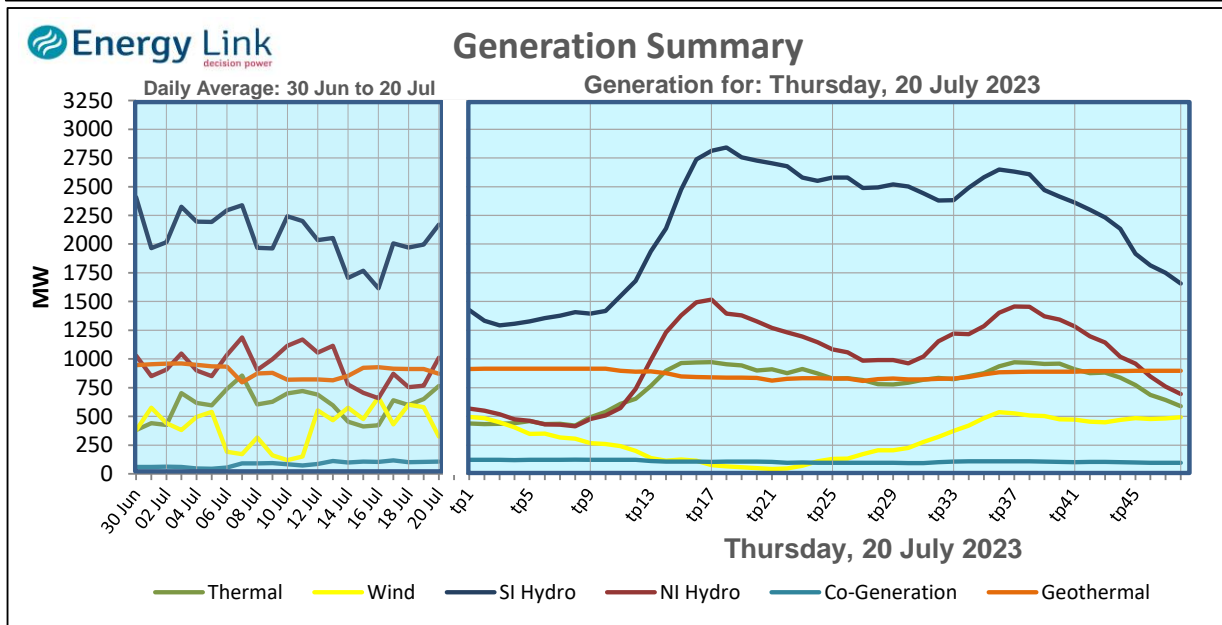
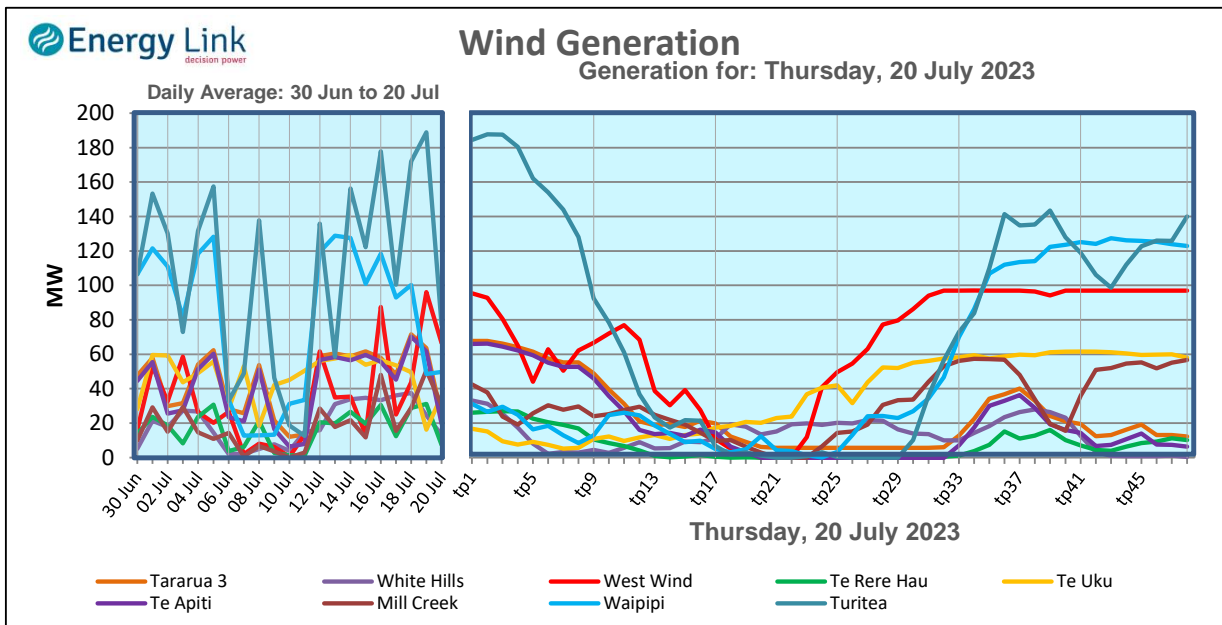
Subscribe at www.energylink.co.nz/publications



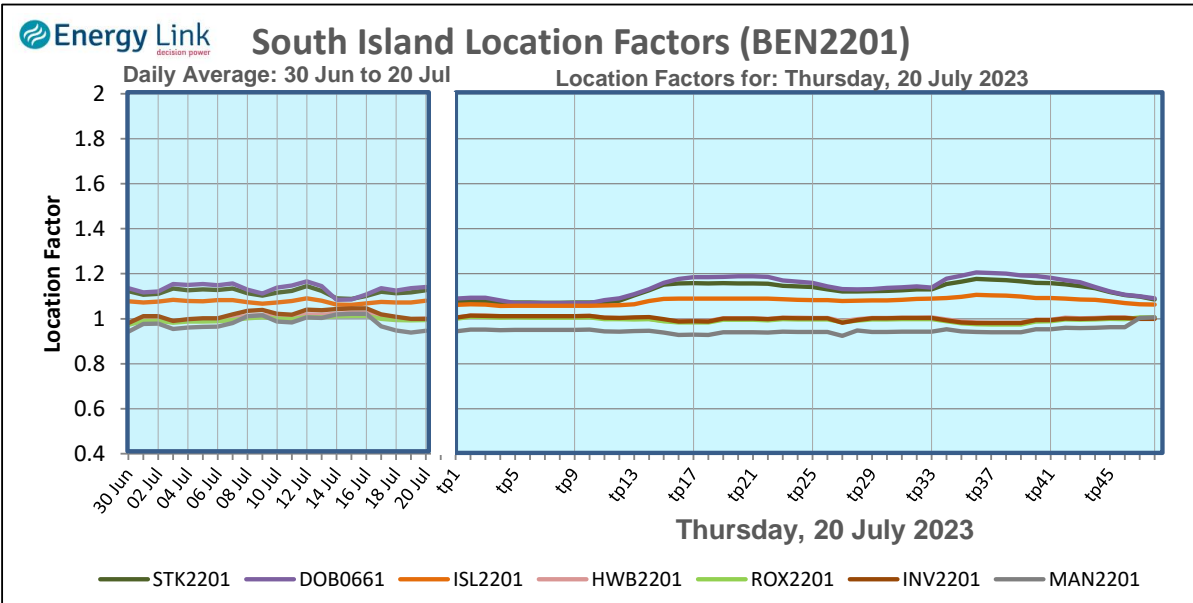
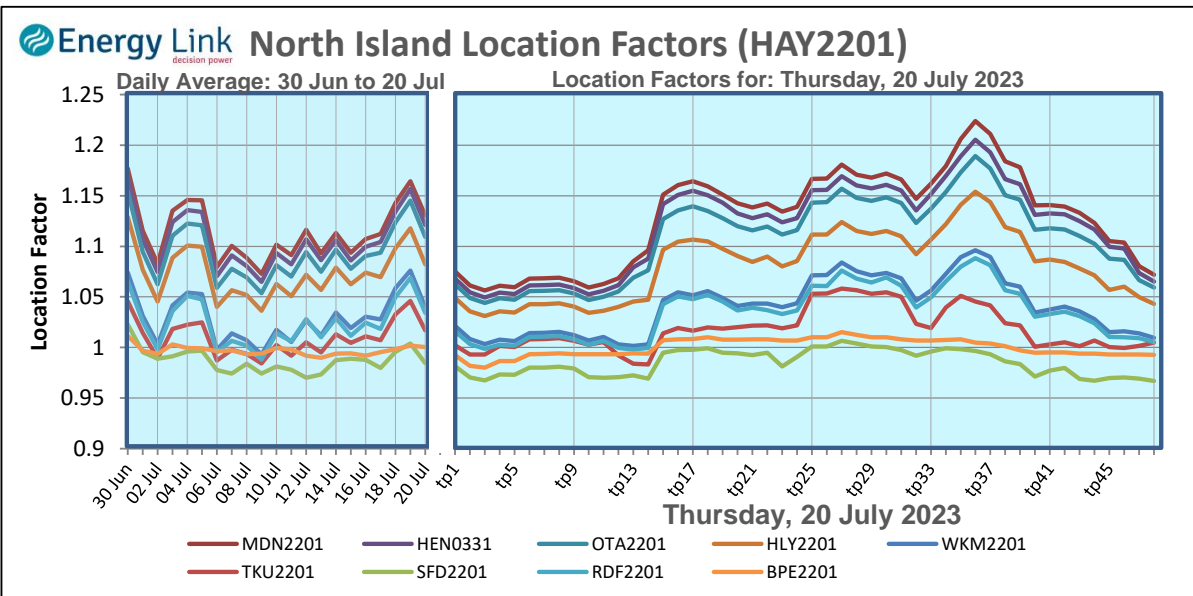
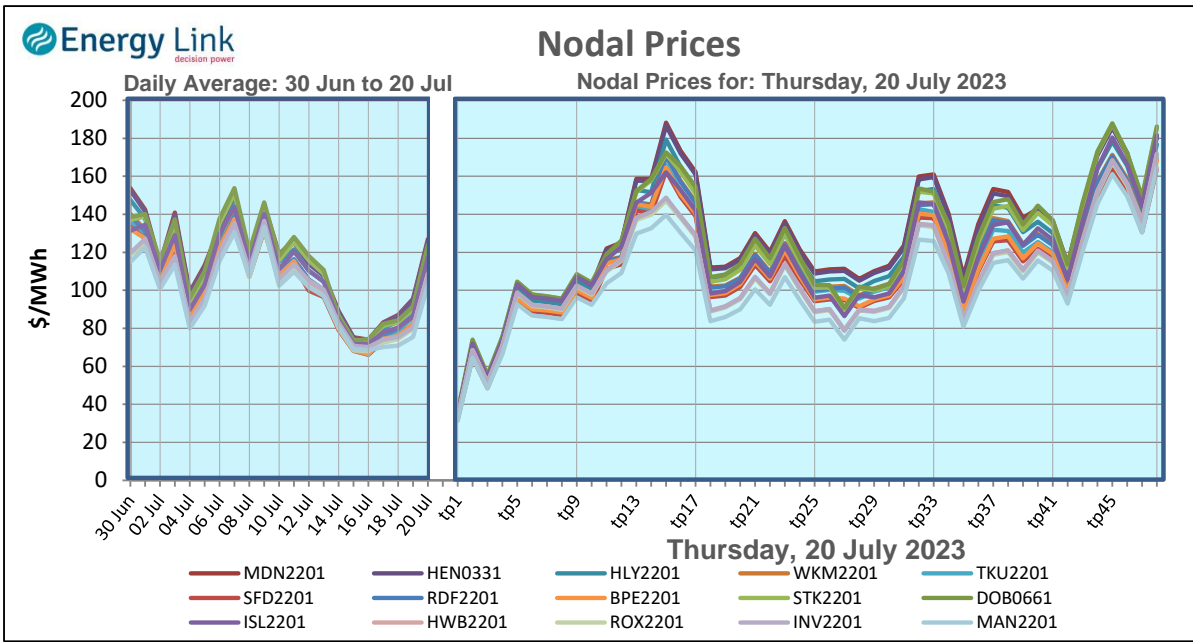
Station	Ave MW	Range (MW)
Huntly	341	175 - 458
TCC	305	209 - 329
e3p	0	0 - 0
Huntly p40	28	0 - 45
Whirinaki	0	0 - 0
Stratford Peaker	0	0 - 0
McKee Peaker	47	0 - 92
Junction Rd	44	0 - 50

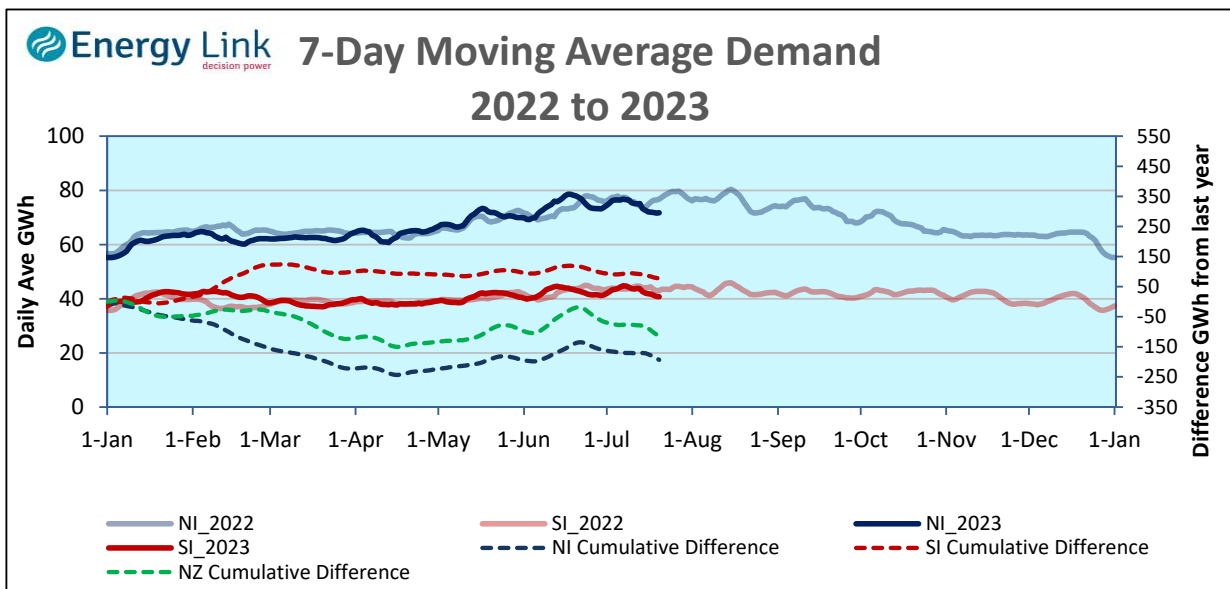
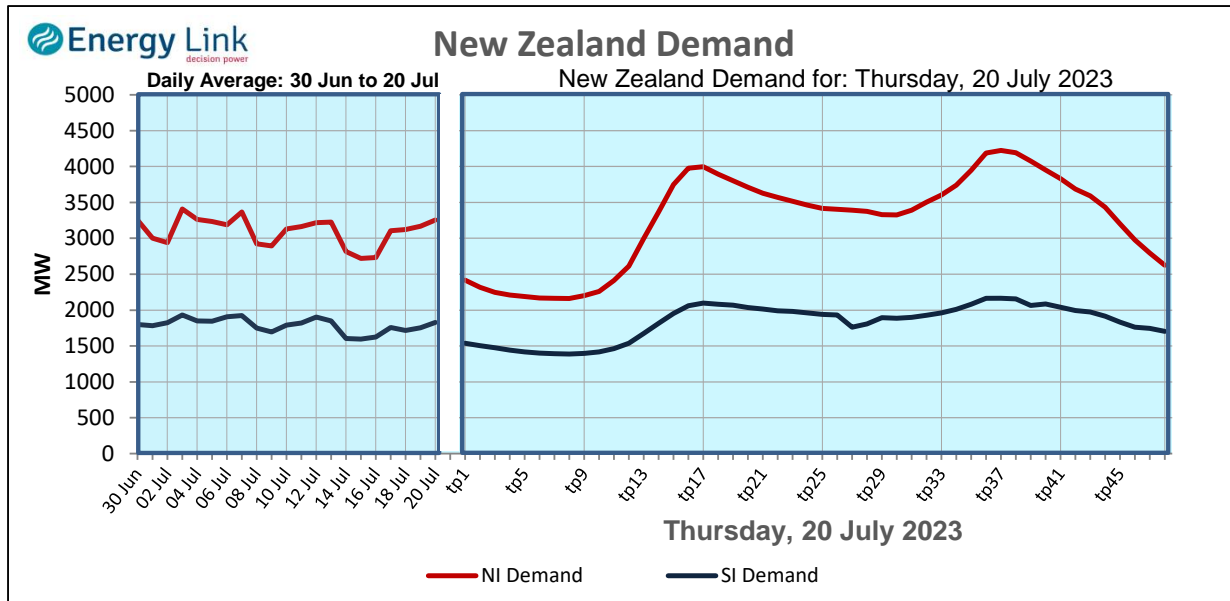
Hydro	Ave MW	Range (MW)
Waikato	593	171 - 928
Tongariro	187	56 - 329
Waitaki	855	291 - 1311
Tekapo	177	156 - 178
Clutha	392	117 - 652
Manapouri	616	559 - 623
Wind Farms	324	48 - 575

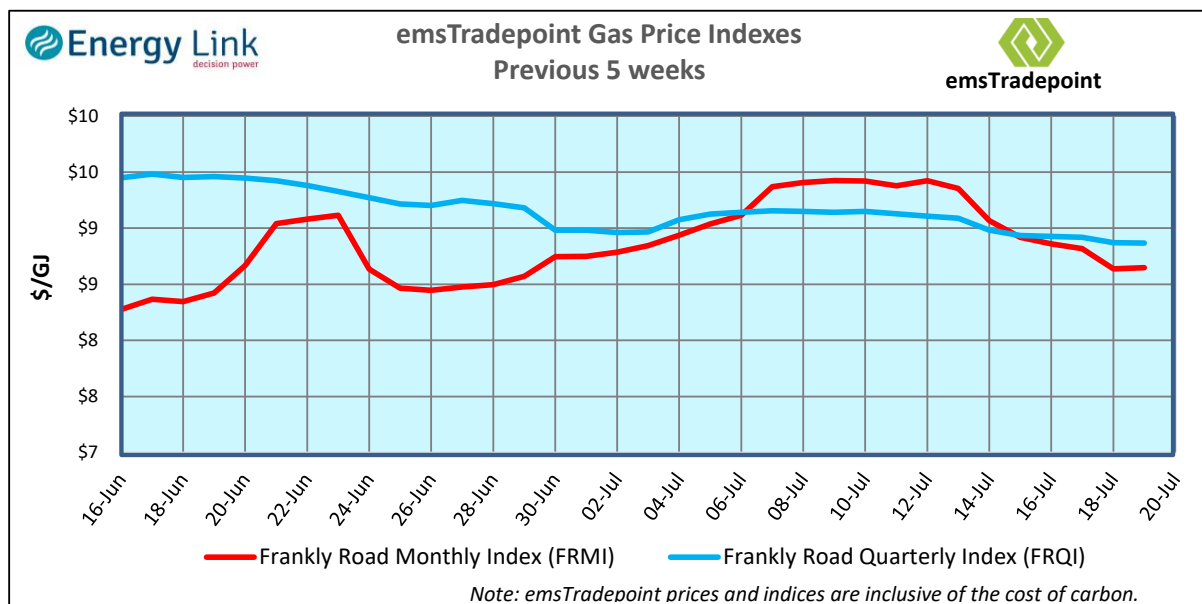
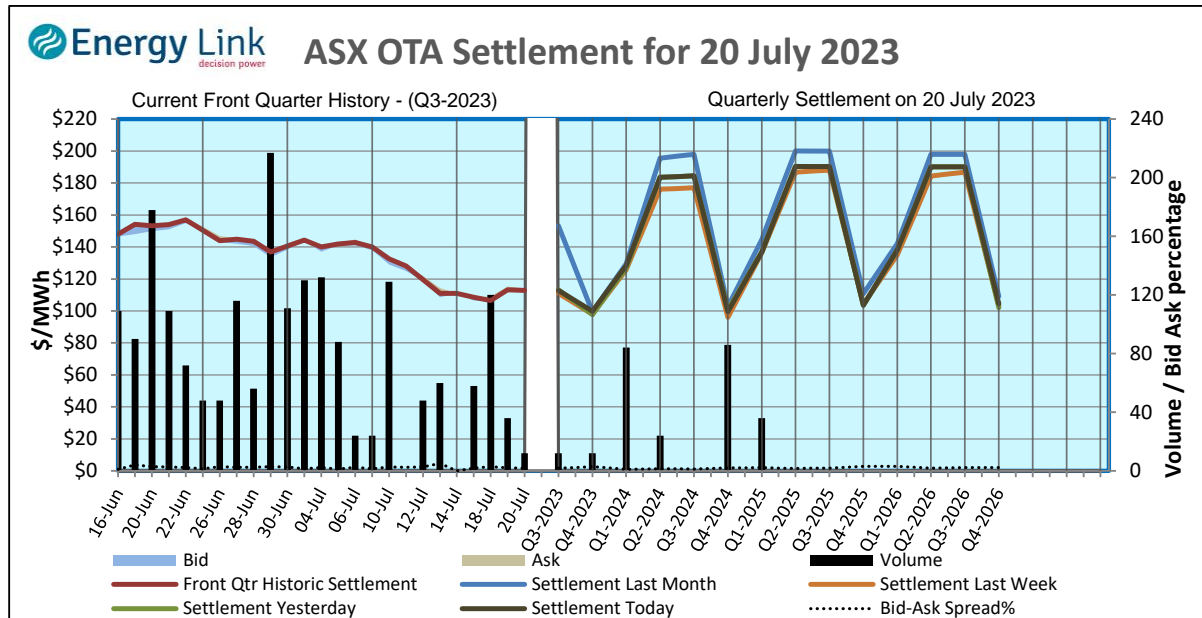
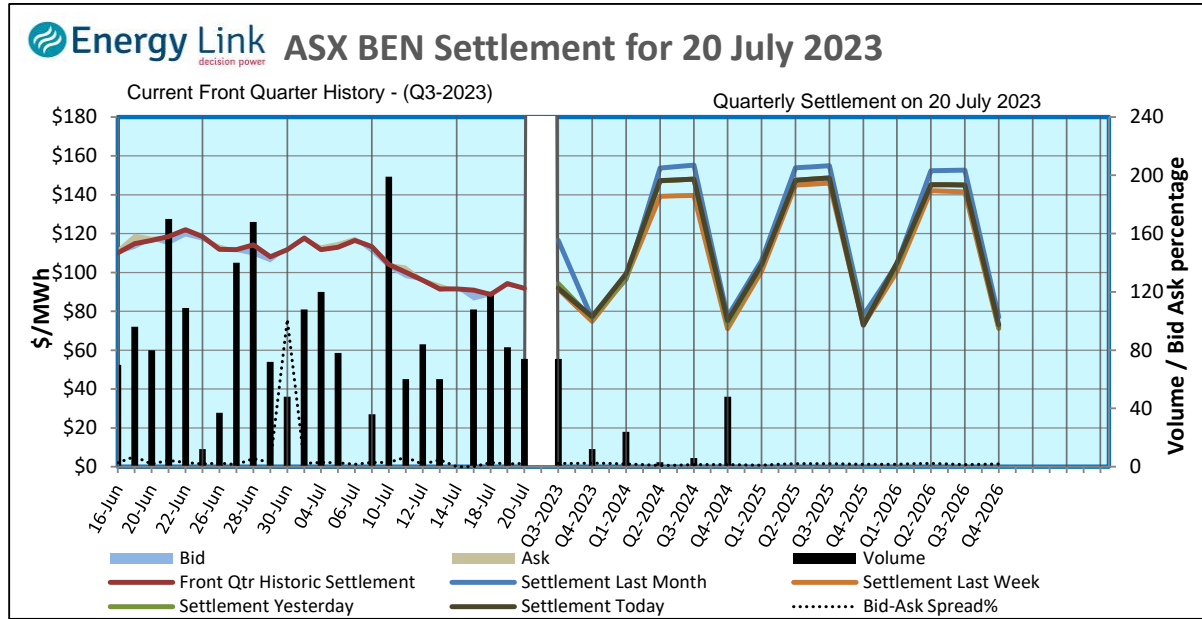
WindFarms - Te Uku, WestWind, TeApti, Tararua 3, White Hills, Waipipi Mill Creek and Te Rere Hau. (Note: Tararua 3 gen is est. from Te Apti)

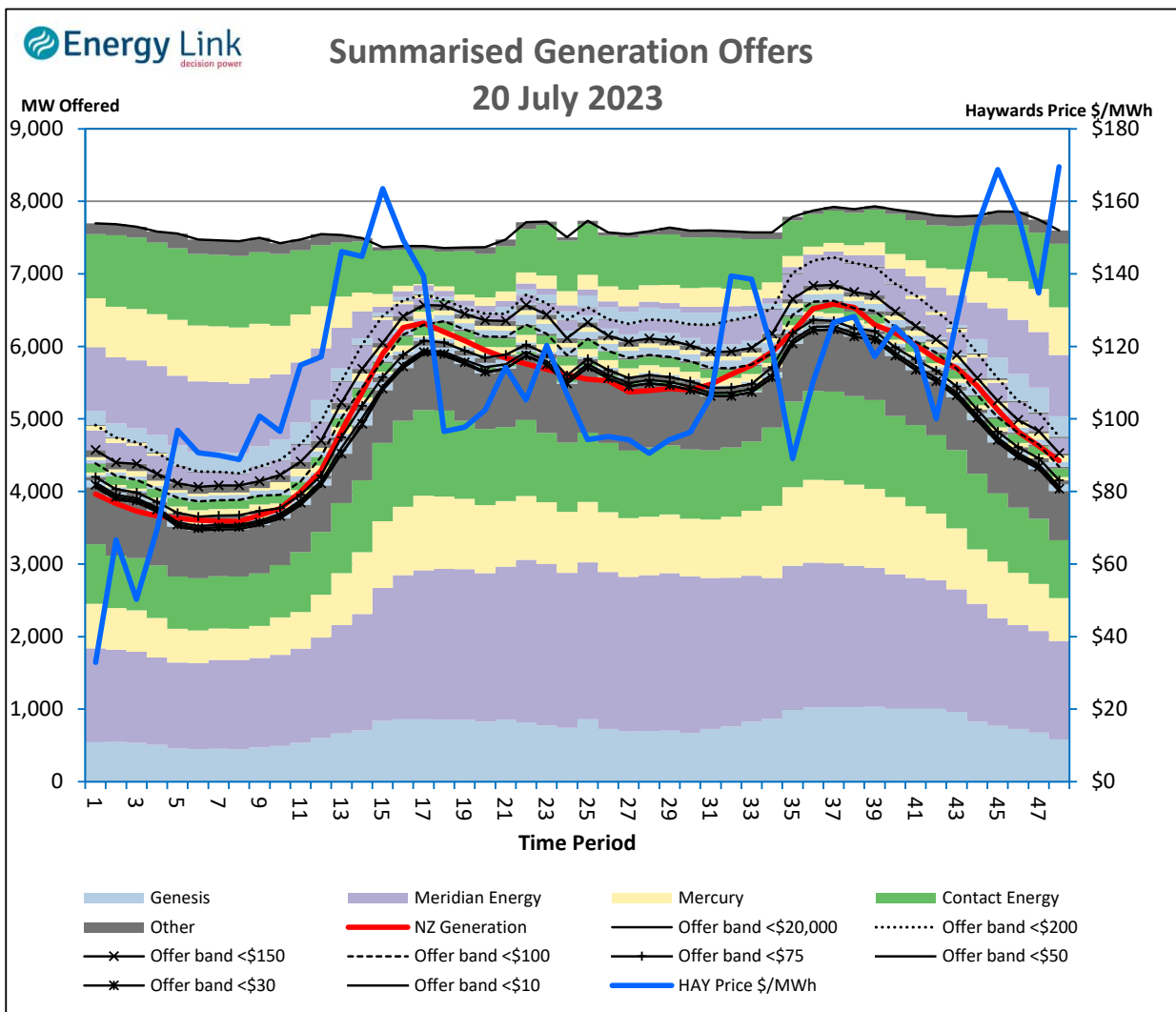


Note: For the purposes of this chart, renewable generation is all hydro, geothermal, wind and grid scale solar. Co-generation is counted as thermal generation even though the carbon may be attributed to other industries.









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;

- | | |
|-------------------------|-------------------------|
| \$200 - \$20,000 | — Offer band <\$20,000 |
| \$150 - \$200 | Offer band <\$200 |
| \$100 - \$150 | × Offer band <\$150 |
| \$75 - \$100 | - - - Offer band <\$100 |
| \$50 - \$75 | + Offer band <\$75 |
| \$30 - \$50 | — Offer band <\$50 |
| \$10 - \$30 | * Offer band <\$30 |
| \$0 - \$10 | — 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.

