

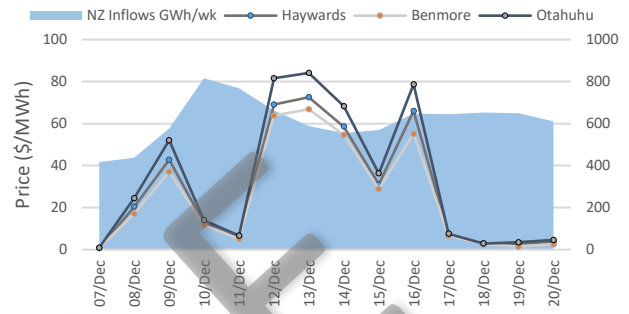
Reference Prices

Final

DAILY AVERAGE PRICE (\$/MWh)		ELECTRICITY PRICE INDEX (c/kWh)	
Otaguhu	4.64	NZ Index	2.91
Haywards	3.82	Upper North Island	3.26
Benmore	2.57	Lower North Island	2.95
		South Island	2.48

PEAK HALF HOUR RESERVE PRICES (\$/MWh)			
North Island 6s	3.60	South Island 6s	0.08
North Island 60s	2.55	South Island 60s	0.08

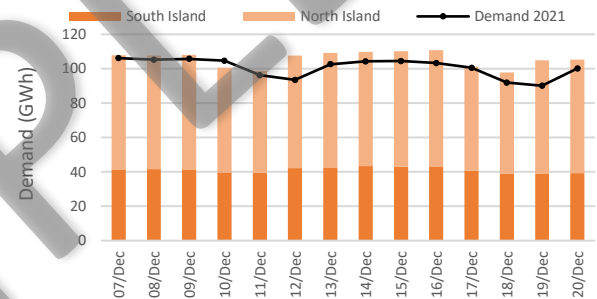
AVERAGE REFERENCE PRICES VS INFLOWS



Demand

TOTAL NZ DEMAND (GWh)		PEAK HALF HOUR GXP DEMAND (MW)		
20/12/2022	105	North Island	3,230	17:30
-7 days	109	South Island	1,838	09:00
-14 days	106	New Zealand	5,020	09:00
7 day Δ	-3.5%	30 DAY PEAK GXP DEMAND (MW)		
14 day Δ	-0.8%	North Island	3,348	24/11/2022
%Demand North Island	62.7%	South Island	1,972	14/12/2022
%Demand South Island	37.3%	New Zealand	5,254	14/12/2022

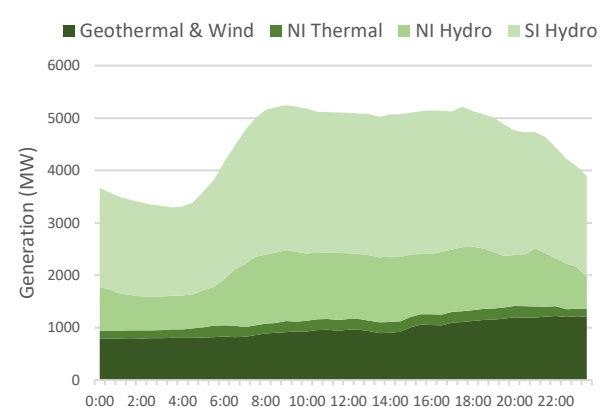
NEW ZEALAND DAILY DEMAND



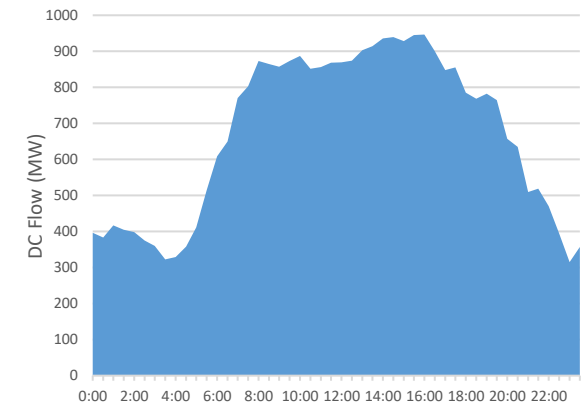
Generation

DAILY AVERAGE GENERATION (MW)		30 DAY AVERAGE GENERATION (MW)	
Kawerau	36	Kawerau	36
Huntly	55	Huntly	34
E3P	0	E3P	34
Stratford	0	Stratford	0
Peaker	0	Peaker	4
Other NI Thermal	98	Other NI Thermal	96
Waikato	593	Waikato	587
Tongariro/Waikaremoana	279	Tongariro/Waikaremoana	311
15	159	Other NI Hydro	160
Waitaki	1302	Waitaki	1169
Clutha	484	Clutha	499
Manapouri	526	Manapouri	519
Other SI Hydro	45	Other SI Hydro	53
Geothermal	790	Geothermal	656
Wind	133	Wind	215
New Zealand Average	4500	New Zealand Average	4373

GENERATION



HVDC TRANSFER



GENERATOR OUTAGES

PLANT	MW LOSS	FROM	TO
HLY_4	240	26/11/2022, 00:00	28/04/2023, 00:00
MAN_6	125	16/11/2022, 00:00	30/06/2023, 00:00
MAN_1	125	15/12/2022, 00:00	30/01/2023, 00:00

BINDING CONSTRAINTS

Start	End	Constraint	Max MW
08:00	17:30	DCP2Nmax	420.00
15:00	16:00	DN_WRK0331 RKA0_MW+60_Max	23.00
15:00	16:00	DN_WRK0331 RKA0_MW+6_Max	23.00
15:30	15:30	DN_WRK0331 RKA0_MW+60_Max	22.00

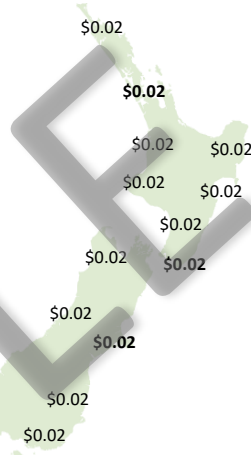
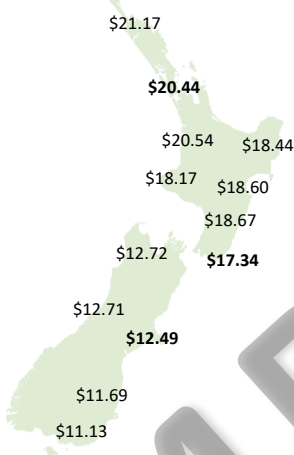
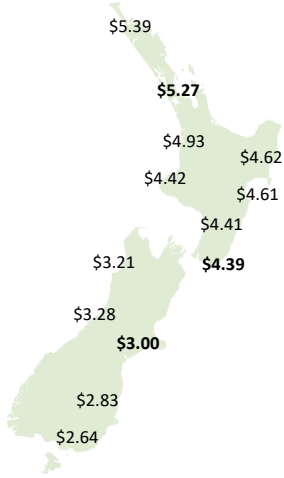
COMMENTARY

The Electricity Authority has directed that prices for the six trading periods 37 to 42 on 09 August 2021 remain as Interim until further notice.

Prices by Region

Final

AVERAGE NODAL PRICE (\$/MWh)	MAXIMUM NODAL PRICE (\$/MWh)	MINIMUM NODAL PRICE (\$/MWh)
Average NZ Price \$4.15	Maximum NZ Price \$21.17 WEL0331 at 13:30	Minimum NZ Price \$0.02 ABY0111 at 03:00



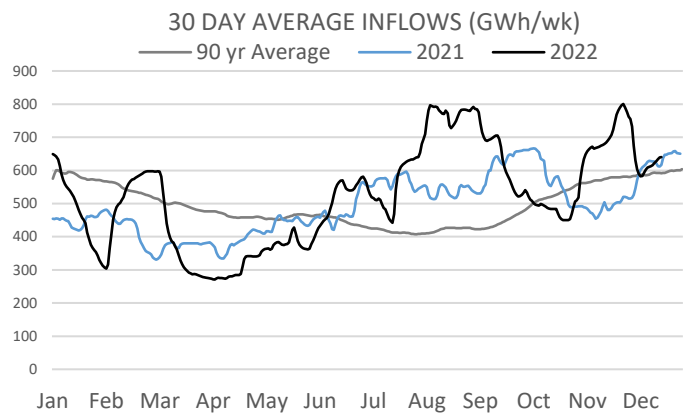
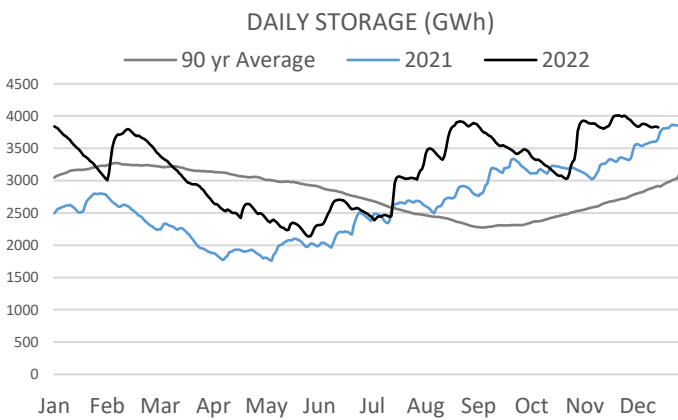
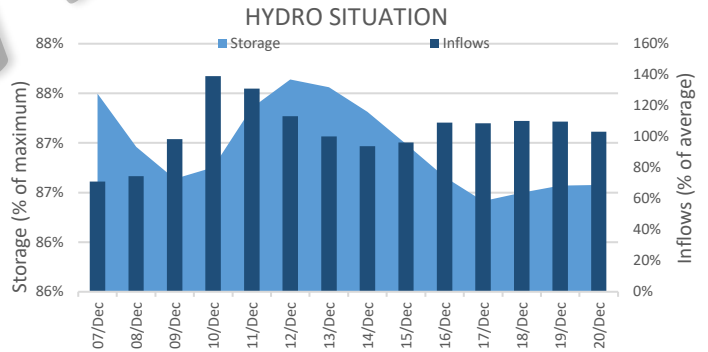
Climate

HYDROLOGICAL (% OF AVERAGE)	HYDROLOGICAL (% OF MAXIMUM)
Storage 131%	Storage 87%
Inflows 103%	

WEATHER

LOCATION	MAXIMUM (°C)	MINIMUM (°C)	RAINFALL (mm)
Auckland	25.9	16.9	0.8
Wellington	20.4	13.8	0.8
Christchurch	15.6	12.3	33.8

Weather data supplied by MetService



For further information please contact NZX Energy on (04) 498-0028 or energy.data@nzx.com

The New Zealand daily storage graph will be updated on a daily basis. If you are interested in receiving this graph plus additional hydrological information on a daily basis (Monday - Friday) you should contact energy.data@nzx.com to subscribe to the daily hydrological summary. The monthly cost of subscribing to this publication is \$500 plus GST. The New Zealand weekly inflows chart is also updated daily.

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