

Release

Stock exchange listings: NZX (MEL) ASX (MEZ)

Meridian Energy monthly operating report for December 2020

27 January 2021

Attached is Meridian Energy Limited's monthly operating report for the month of December 2020.

Highlights this month include:

- In the month to 18 January 2021, national hydro storage decreased from 95% to 79% of historical average
- South Island storage sat at 72% of average and North Island storage at 117% of average on 18 January 2021
- Meridian's December 2020 monthly total inflows were 80% of historical average
- Meridian's Waitaki catchment water storage at the end of December 2020 was 73% of historical average
- Water storage in Meridian's Waiau catchment was below average at the end of December 2020
- Waitaki snow storage at the end of December 2020 was 104% of historical average
- Meridian made calls under the Genesis swaption in mid January 2021
- National electricity demand in December 2020 was 0.9% lower than the same month last year
- December 2020 was dry and mild for most of New Zealand with near average temperatures for most of the country. Much of the country experienced rainfall well below average, including western parts of the South Island
- Outages confirmed out to May 2021 on the Roxborough-Livingstone line as part of the Clutha Upper Waitaki Lines Project
- New Zealand Aluminium Smelter's average load during December 2020 was 566MW
- NZ retail sales volumes in December 2020 were 8.9% higher than December 2019
- Compared to December 2019, sales increased in most segments: residential (+8.8%), SME (+22.0%), large business (+8.3%) and corporate (+15.7%). Agricultural volumes were 6.3% lower

Highlights for the second quarter include:

- Meridian's Q2 total inflows were 92% of historical average and 43% lower than Q2 last year
- Meridian's Waitaki catchment water storage at the end of Q2 was 46% lower than Q2 last year
- Waitaki snow storage at the end of Q2 was 104% of historical average compared with 149% in Q2 last year

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- Compared to Q2 last year, Meridian's New Zealand generation was 1.2% lower at a 15.8% higher average price
 - New Zealand Aluminium Smelter's average load during Q2 was 565MW compared with 593MW in Q2 last year
 - National electricity demand in Q2 was 0.2% lower than Q2 last year
 - At the end of Q2, Meridian's New Zealand customer numbers were 6.1% higher than the same time last year
 - Compared to Q2 last year, Meridian's NZ retail sales volumes were 13.6% higher at a 3.6% higher average price
 - All segment sales showed double digit percentage increases, except residential, which increased 4.9%
 - Compared to Q2 last year, Meridian's Australian wind generation was 1.2% lower at a 41.7% lower average price
 - At the end of Q2, Meridian's Australian electricity customer numbers were 13.1% higher the same time last year
 - Compared to Q2 last year, Meridian's Australian retail sales volumes were 18.0% higher at a 17.0% lower average price
 - Compared to Q2 last year, Meridian Group Operating costs were 3.1% higher and Capital Expenditure was 8.7% higher

ENDS

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Meridian.

Monthly Operating Report

December 2020

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In collaboration with  S&P Global

December highlights

In the month to 18 January 2021, national hydro storage decreased from **95%** to **79%** of historical average

South Island storage sat at **72%** of average and North Island storage at **117%** of average on 18 January 2021

Meridian's December 2020 monthly total inflows were **80%** of historical average

Meridian's Waitaki catchment water storage at the end of December 2020 was **73%** of historical average

Water storage in Meridian's Waiau catchment was **below** average at the end of December 2020

Waitaki snow storage at the end of December 2020 was **104%** of historical average

Meridian made calls under the Genesis swaption in mid January 2021

National electricity demand in December 2020 was **0.9%** lower than the same month last year

December 2020 was dry and mild for most of New Zealand with near average temperatures for most of the country. Much of the country experienced rainfall well below average, including western parts of the South Island

Outages confirmed out to May 2021 on the Roxborough-Livingstone line as part of the Clutha Upper Waitaki Lines Project

New Zealand Aluminium Smelter's average load during December 2020 was **566MW**

NZ retail sales volumes in December 2020 were **8.9%** higher than December 2019

Compared to December 2019, sales increased in most segments: residential (+8.8%), SME (+22.0%), large business (+8.3%) and corporate (+15.7%). Agricultural volumes were 6.3% lower

Q2 highlights

Meridian's Q2 total inflows were **92%** of historical average and **43%** lower than Q2 last year

Meridian's Waitaki catchment water storage at the end of Q2 was **46%** lower than Q2 last year

Waitaki snow storage at the end of Q2 was **104%** of historical average compared with **149%** in Q2 last year

Compared to Q2 last year, Meridian's New Zealand generation was **1.2%** lower at a **15.8%** higher average price

New Zealand Aluminium Smelter's average load during Q2 was **565MW** compared with **593MW** in Q2 last year

National electricity demand in Q2 was **0.2%** lower than Q2 last year

At the end of Q2, Meridian's New Zealand customer numbers were **6.1%** higher than the same time last year

Compared to Q2 last year, Meridian's NZ retail sales volumes were **13.6%** higher at a **3.6%** higher average price

All segment sales showed double digit percentage increases, except residential, which increased **4.9%**

Compared to Q2 last year, Meridian's Australian wind generation was **1.2%** lower at a **41.7%** lower average price

At the end of Q2, Meridian's Australian electricity customer numbers were **13.1%** higher the same time last year

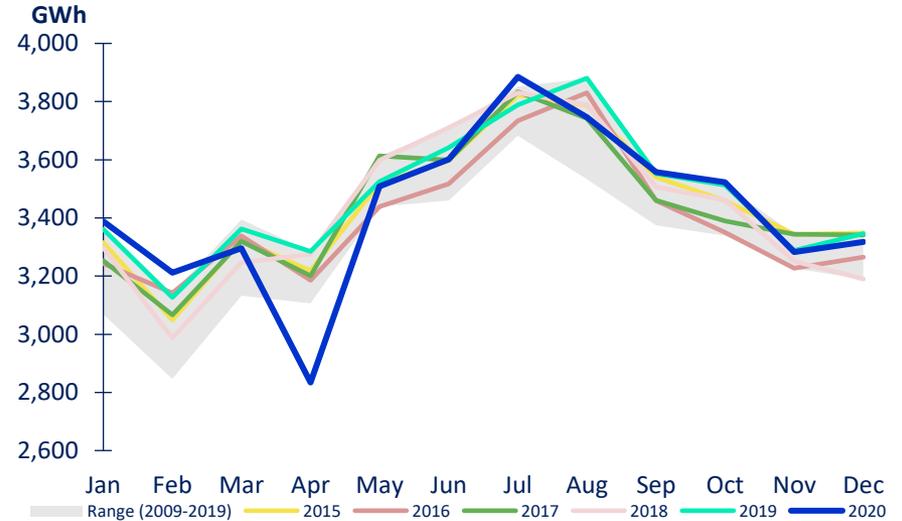
Compared to Q2 last year, Meridian's Australian retail sales volumes were **18.0%** higher at a **17.0%** lower average price

Compared to Q2 last year, Meridian Group Operating costs were **3.1%** higher and Capital Expenditure was **8.7%** higher

Market data

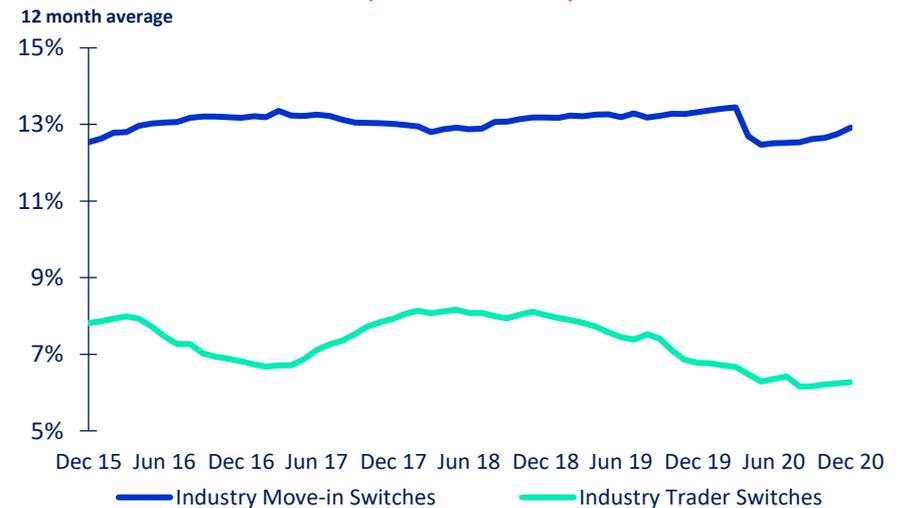
- National electricity demand in December 2020 was 0.9% lower than the same month last year
- December 2020 was dry and mild for most of New Zealand with near average temperatures for most of the country. Much of the country experienced rainfall well below average, including western parts of the South Island
- Demand in the last 12 months was 1.2% lower than the preceding 12 months
- New Zealand Aluminium Smelter's average load during December 2020 was 566MW
- 12-month average switching rate of customers changing retailers but not moving ("trader" switch) was 6.3% at the end of December 2020
- 12-month average switching rate of customers moving and changing retailers ("move-in" switch) was 12.9% at the end of December 2020

NATIONAL DEMAND



Source: Electricity Authority (reconciled demand)

MARKET ICP SWITCHING (ALL RETAILERS)

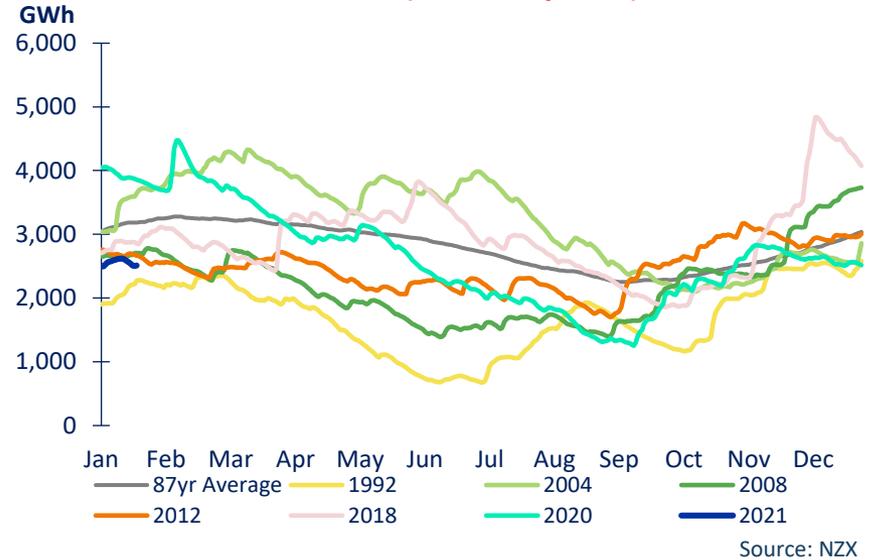


Source: Electricity Authority

Market data

- December 2020 saw increases in ASX prices
- National storage decreased from 95% of average on 7 December 2020 to 79% of average on 18 January 2021
- South Island storage decreased to 72% of historical average on 18 January 2021. North Island storage decreased to 117% of average

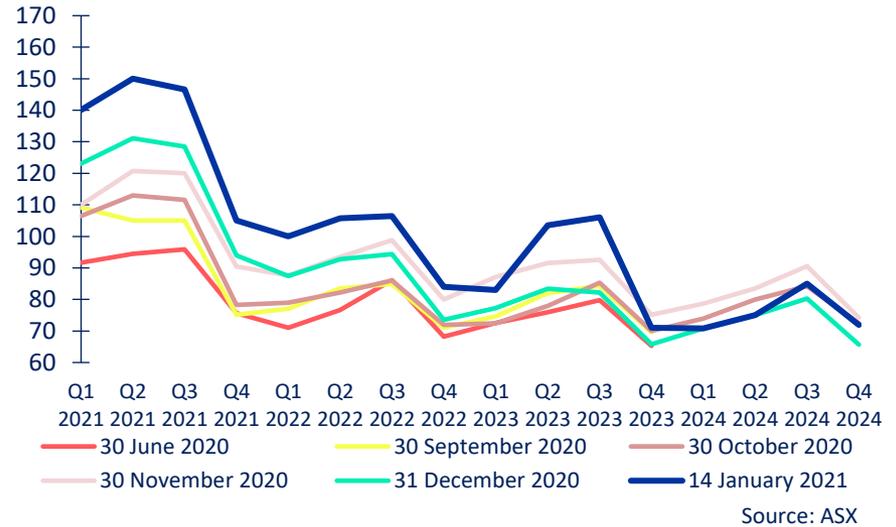
NATIONAL HYDRO STORAGE (18 January 2021)



OTAHUHU ASX FUTURES SETTLEMENT PRICE \$/MWh



BENMORE ASX FUTURES SETTLEMENT PRICE \$/MWh

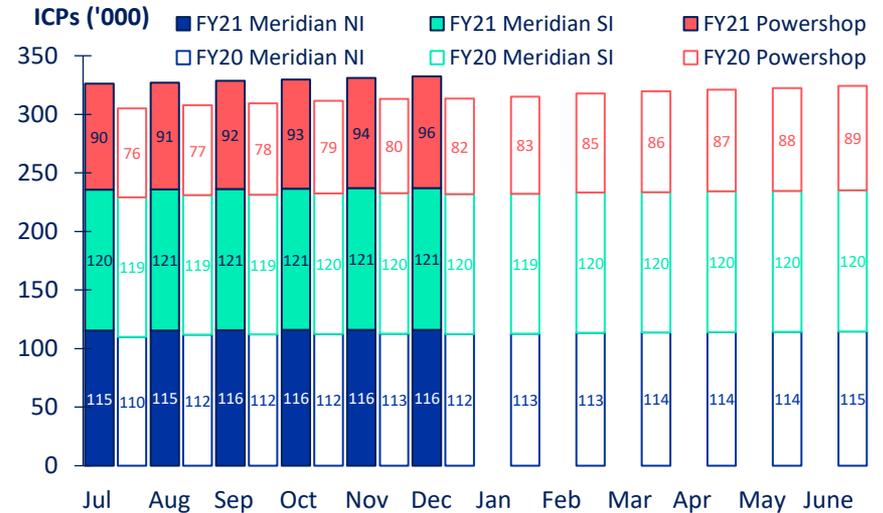


New Zealand retail

- Meridian’s New Zealand customer connection numbers rose 0.4% during December 2020 and have risen 2.6% since June 2020
- Retail sales volumes in December 2020 were 8.9% higher than December 2019
- Compared to December 2019, sales increased in most segments: residential (+8.8%), SME (+22.0%), large business (+8.3%) and corporate (+15.7%). Agricultural volumes were 6.3% lower
- To date this financial year, retail sales volumes are 12.5% higher than the same period last year
- This reflects increased sales in all segments: residential (+5.9%), small medium business (+14.3%) agricultural (+13.9%), large business (+16.3%) and corporate (+14.3%)

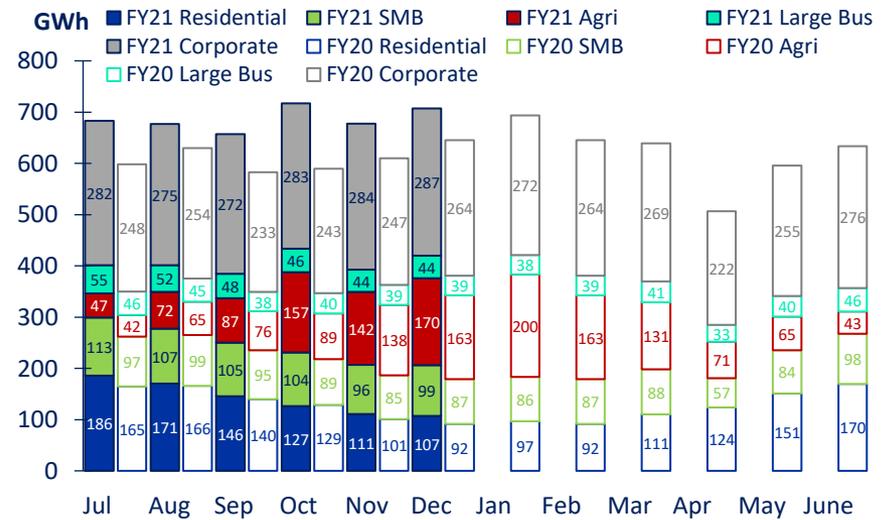
*excludes volumes sold to New Zealand Aluminium Smelters and CFDs

MERIDIAN'S NZ CUSTOMER CONNECTIONS



Source: Meridian

MERIDIAN'S RETAIL SALES VOLUME*

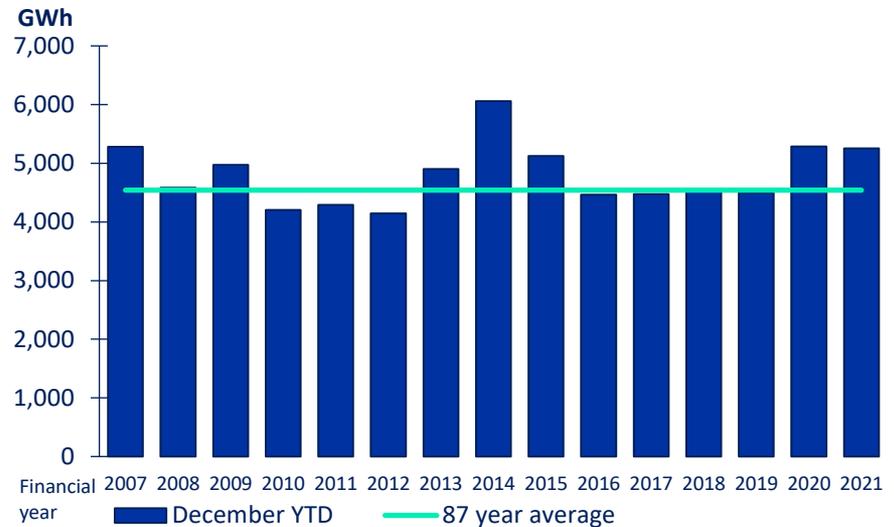


Source: Meridian

New Zealand storage

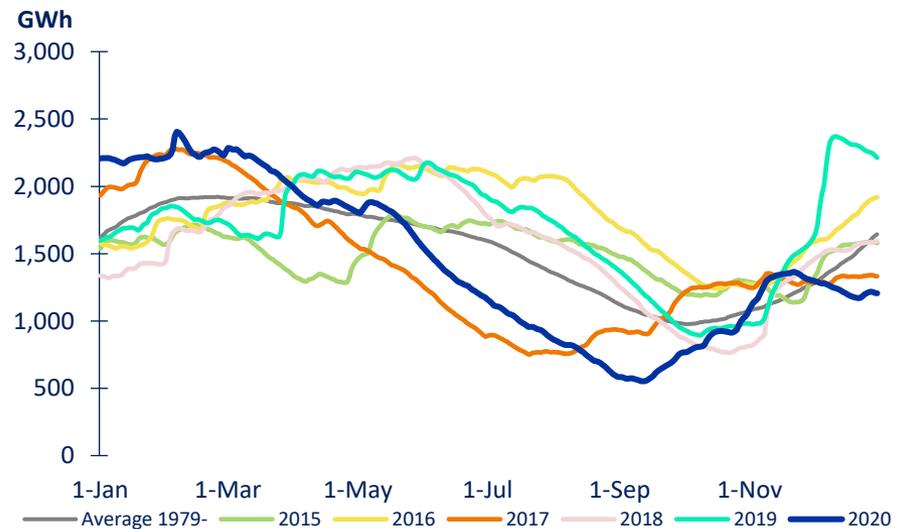
- December 2020 monthly inflows were 80% of historical average
- To date this financial year, inflows are 116% of historical average
- Meridian's Waitaki catchment water storage moved from 1,303GWh to 1,206GWh during December 2020
- Waitaki water storage at the end of December 2020 was 73% of historical average and 46% lower than the same time last year
- Water storage in Meridian's Waiau catchment was below average at the end of December 2020
- Waitaki snow storage at the end of December 2020 was 104% of historical average

MERIDIAN'S COMBINED CATCHMENT INFLOWS



Source: Meridian

MERIDIAN'S WAITAKI STORAGE

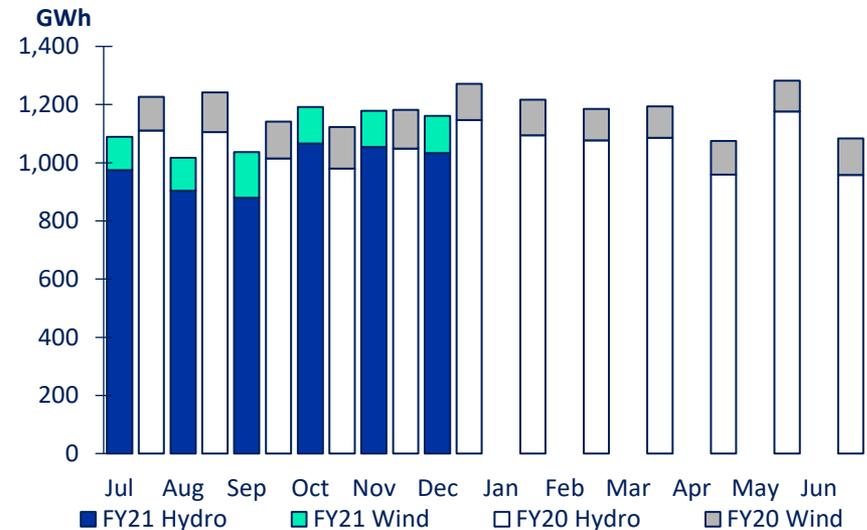


Source: Meridian

New Zealand generation

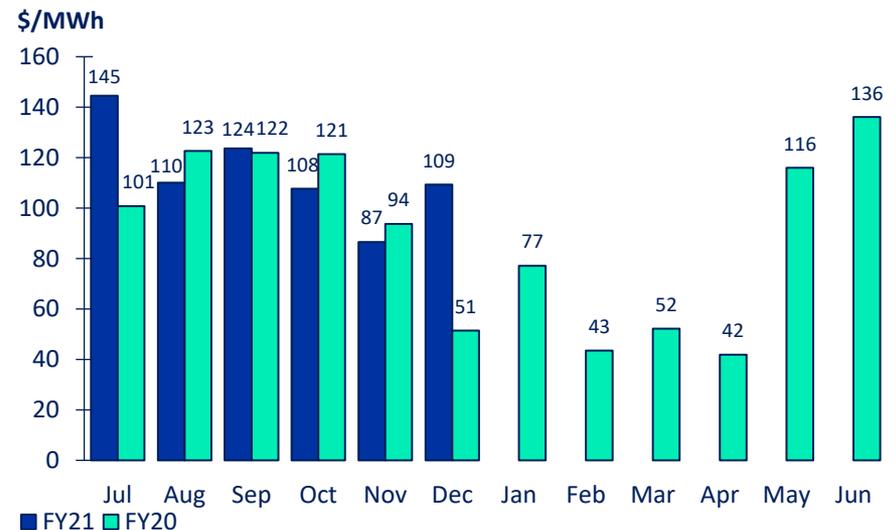
- Meridian's New Zealand generation in December 2020 was 8.7% lower than the same month last year, reflecting lower hydro and higher wind generation
- To date this financial year, Meridian's New Zealand generation is 7.1% lower than the same period last year, reflecting lower hydro and lower wind generation
- The average price Meridian received for its generation in December 2020 was 112.7% higher than the same month last year
- The average price Meridian paid to supply customers in December 2020 was 106.5% higher than the same month last year
- To date this financial year, the average price Meridian received for its generation is 11.7% higher than the same period last year and the average price paid to supply customers is 13.7% higher

MERIDIAN'S NEW ZEALAND GENERATION



Source: Meridian

MERIDIAN'S AVERAGE GENERATION PRICE*



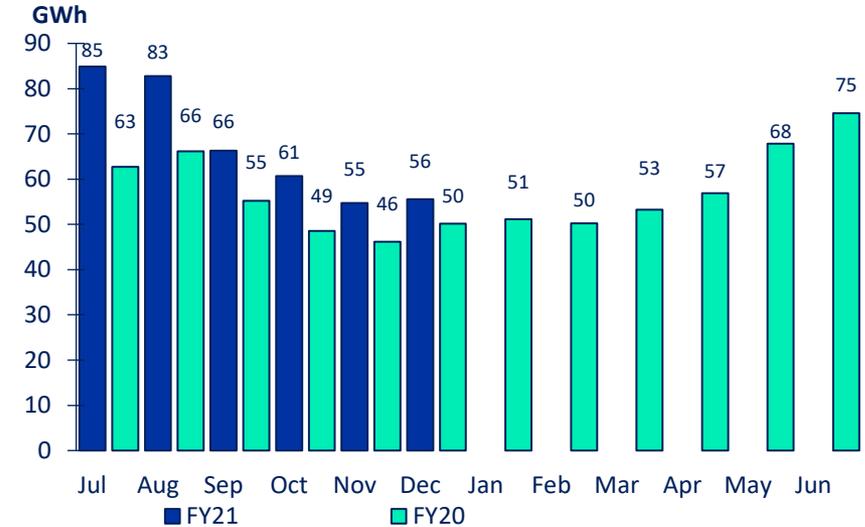
*price received for Meridian's physical generation

Source: Meridian

Australian retail

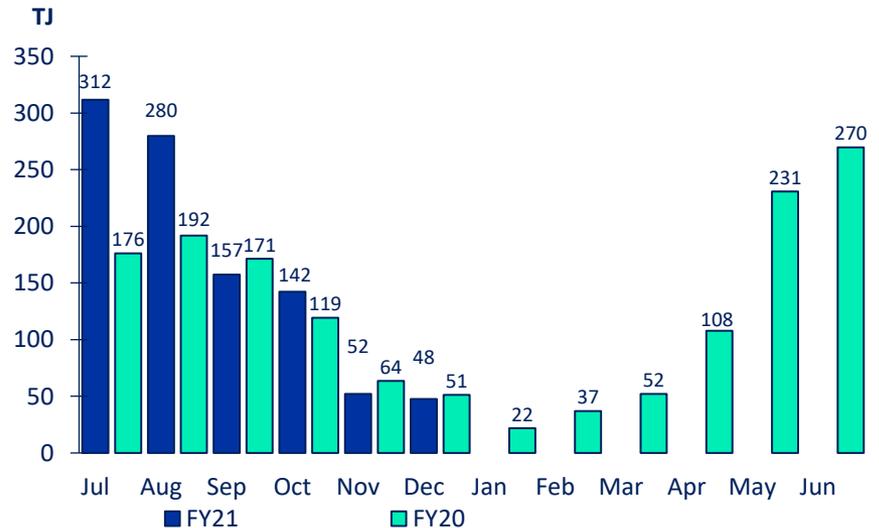
- Powershop Australia electricity customer connection numbers rose 0.4% during December 2020 and have risen 3.5% since June 2020
- Electricity sales volumes in December 2020 were 10.7% higher than the same month last year
- To date this financial year, electricity sales volumes are 23.1% higher than the same period last year
- Powershop Australia gas customer connection numbers rose 1.1% during December 2020 and have risen 7.8% since June 2020
- Gas sales volumes in December 2020 were 6.9% lower than the same month last year
- To date this financial year, gas sales volumes are 28.2% higher than the same period last year

AUSTRALIAN RETAIL ELECTRICITY SALES VOLUMES



Source: Meridian

AUSTRALIAN RETAIL GAS SALES VOLUMES



Source: Meridian

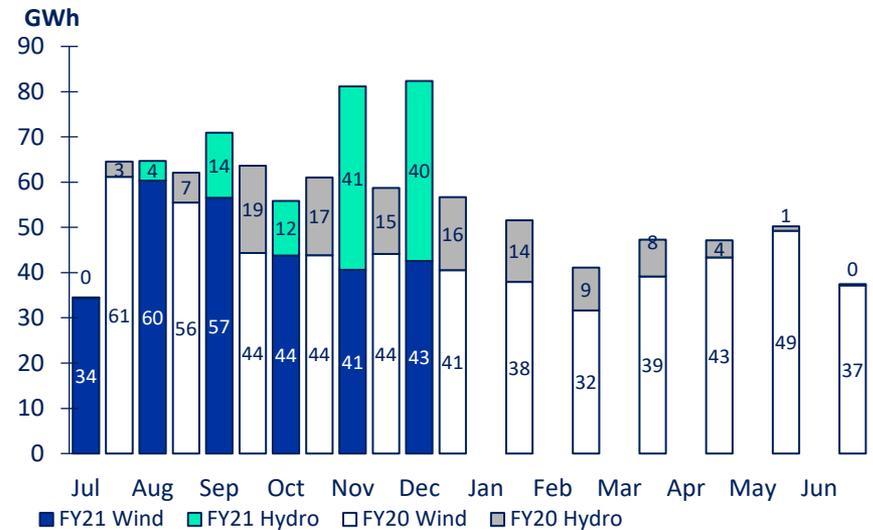
Australian generation

- Meridian's Australian generation in December 2020 was 45.2% higher than the same month last year, reflecting higher wind generation and higher hydro generation
- To date this financial year, Meridian's Australian generation is 6.2% higher than the same period last year, reflecting lower wind and higher hydro generation
- Storage at Meridian's Hume hydro power station decreased to 57% of capacity by mid January 2021
- NEM¹ electricity demand in December 2020 was unseasonably weak, 4% lower than the same month last year
- Average spot electricity prices in December 2020 fell 12% from last month and were 34% lower than the same month last year

¹See glossary on page 18 for a definition of Australia's National Electricity Market

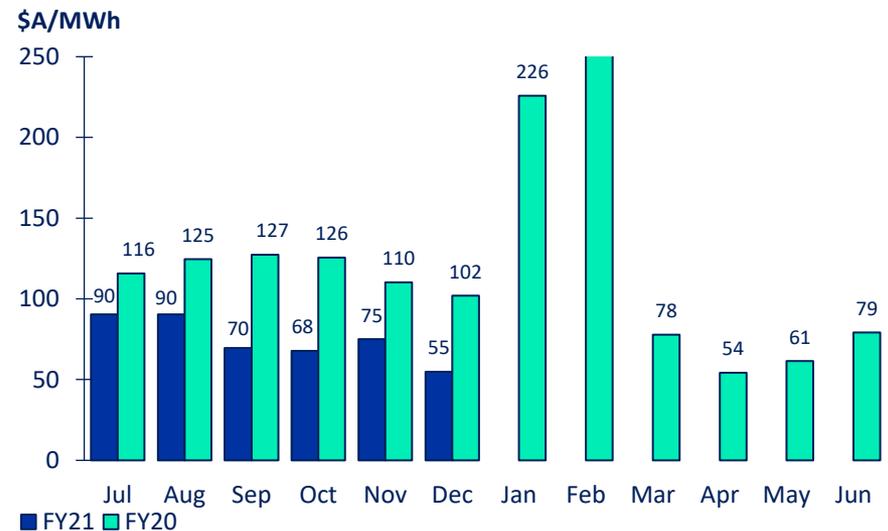
²February 2020 average wind generation price includes the settlement of CY19 forward sold Large Generation Certificates

MERIDIAN'S AUSTRALIAN GENERATION



Source: Meridian

AVERAGE WIND GENERATION PRICE²



Source: Meridian

New Zealand

	DECEMBER 2020 MONTH	DECEMBER 2019 MONTH	NOVEMBER 2020 MONTH	OCTOBER 2020 MONTH	6 MONTHS TO DECEMBER 2020	6 MONTHS TO DECEMBER 2019
New Zealand contracted sales						
Residential sales volume (GWh)	107	98	111	127	848	801
Small medium business sales volume (GWh)	99	81	96	104	624	546
Agricultural sales volume (GWh)	170	181	142	157	674	592
Large business sales volume (GWh)	44	40	44	46	289	248
Corporate and industrial sales volume (GWh)	287	248	284	283	1,684	1,474
Retail contracted sales volume (GWh)	707	650	678	717	4,119	3,661
Average retail contracted sales price (\$NZ/MWh)	\$104.2	\$100.0	\$103.1	\$106.0	\$111.7	\$106.8
NZAS sales volume (GWh)	426	463	412	426	2,525	2,746
Financial contract sales volumes (GWh)	140	164	221	126	1,000	902
Average wholesale & financial contracts sales price (\$NZ/MWh)	\$66.8	\$62.3	\$69.9	\$69.4	\$72.3	\$67.3
Retail customer supply volumes (GWh)	743	669	717	755	4,331	3,829
Cost to supply retail customers (\$NZ/MWh)	\$118.8	\$57.1	\$101.0	\$126.9	\$128.6	\$112.0
Cost to supply wholesale customers (\$NZ/MWh)	\$109.2	\$45.4	\$76.3	\$95.8	\$109.6	\$99.6
Cost of financial contracts (\$NZ/MWh)	\$119.1	\$81.6	\$92.3	\$110.8	\$117.7	\$104.6
Total New Zealand customer connections	332,587	313,599	331,240	329,710		

New Zealand

	DECEMBER 2020 MONTH	DECEMBER 2019 MONTH	NOVEMBER 2020 MONTH	OCTOBER 2020 MONTH	6 MONTHS TO DECEMBER 2020	6 MONTHS TO DECEMBER 2019
New Zealand generation						
Hydro generation volume (GWh)	1,034	1,147	1,054	1,066	5,911	6,408
Wind generation volume (GWh)	128	125	125	126	765	779
Total generation volume (GWh)	1,162	1,272	1,179	1,192	6,676	7,187
Average generation price (\$NZ/MWh)	\$109.3	\$51.4	\$86.5	\$107.7	\$113.1	\$101.2
New Zealand hedging						
Hedging volume (GWh)	308	182	314	241	1,716	891
Hedging cost average price (\$NZ/MWh)	\$93.2	\$64.4	\$93.6	\$96.2	\$99.7	\$64.5
Hedging spot revenue average price (\$NZ/MWh)	\$121.9	\$63.1	\$94.0	\$114.4	\$119.9	\$105.8
Future contract close outs (\$NZm)	-\$1.3	-\$0.9	-\$2.9	\$0.6	-\$10.1	-\$4.8

Australia

	DECEMBER 2020 MONTH	DECEMBER 2019 MONTH	NOVEMBER 2020 MONTH	OCTOBER 2020 MONTH	6 MONTHS TO DECEMBER 2020	6 MONTHS TO DECEMBER 2019
Australian contracted sales						
Retail contracted electricity sales volume (GWh)	56	50	55	61	405	329
Average electricity contracted sales price ¹ (\$A/MWh)	\$132.2	\$161.1	\$144.9	\$140.0	\$140.9	\$153.9
Retail contracted gas sales volume (TJ)	48	51	52	142	991	773
Average gas contracted sales price ¹ (\$A/GJ)	\$23.3	\$20.0	\$22.2	\$15.5	\$14.3	\$14.6
Financial contract sales volumes ² (GWh)	40	68	41	42	212	353
Financial contracted sales average price (\$A/MWh)	\$66.4	\$79.2	\$66.8	\$66.8	\$66.6	\$82.8
Cost to supply electricity customers (\$A/MWh)	\$20.8	\$82.2	\$77.5	\$73.1	\$68.5	\$108.1
Cost to supply gas customers (\$A/GJ)	\$19.9	\$9.9	\$12.7	\$13.4	\$12.3	\$10.8
Cost of financial contracts (\$A/MWh)	\$50.0	\$58.2	\$54.4	\$52.2	\$50.9	\$85.1
Powershop electricity customer connections ⁷	140,965	124,668	140,346	139,162		
Powershop gas customer connections ⁸	40,814	30,465	40,380	39,540		

Australia

	DECEMBER 2020 MONTH	DECEMBER 2019 MONTH	NOVEMBER 2020 MONTH	OCTOBER 2020 MONTH	6 MONTHS TO DECEMBER 2020	6 MONTHS TO DECEMBER 2019
Australian generation						
Wind generation volumes (GWh)	43	41	41	44	278	290
Average wind generation price ⁵ (\$A/MWh)	\$54.8	\$101.9	\$75.0	\$67.8	\$74.9	\$117.9
Hydro generation volumes (GWh)	40	16	41	12	113	77
Average hydro generation price ⁵ (\$A/MWh)	\$86.3	\$64.4	\$72.6	\$59.0	\$69.8	\$85.5
PPA generation received (GWh)	29	29	27	30	180	85
Average PPA generation price [net of costs] (\$A/MWh)	-\$10.7	\$7.8	-\$1.1	-\$2.2	\$5.9	\$27.0
Australian hedging						
Hedging volume ⁶ (GWh)	16	50	20	13	163	258
Hedging costs (\$A/MWh)	\$99.7	\$91.9	\$176.2	\$204.9	\$96.5	\$99.5
Hedging spot revenue average price (\$A/MWh)	\$69.7	\$58.6	\$71.6	\$149.6	\$55.0	\$90.7
Future contract close outs (\$A M)	-\$0.0	\$0.0	-\$0.0	\$0.0	\$0.3	\$0.8

Meridian group

	DECEMBER 2020 MONTH	DECEMBER 2019 MONTH	NOVEMBER 2020 MONTH	OCTOBER 2020 MONTH	6 MONTHS TO DECEMBER 2020	6 MONTHS TO DECEMBER 2019
Meridian Group						
Employee and Operating Costs ⁹ (\$m)	21	19	22	21	126	127
Stay in Business Capital Expenditure (\$m)	3	4	3	4	20	24
Investment Capital Expenditure (\$m)	3	1	2	2	21	8
Total Capital Expenditure (\$m)	6	5	5	6	41	32

Footnotes

- Contracted sales volumes and volume weighted average price received from contracted customers less distribution costs
- Derivatives sold excluding the sell-side of virtual asset swaps
- Average price of both NZAS sales volume and derivative sales volumes
- Meridian Retail and Powershop New Zealand installation control points (ICPs), excluding vacants
- Volume weighted average price received for Meridian's physical generation
- Over the counter and ASX contract volumes excluding the buy-side of virtual asset swaps
- Financially responsible market participants, excluding vacants
- Meter installation registration numbers
- Excludes electricity metering expenses, now reclassified into gross margin

FY21 operating information

	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Q1 FY21	YoY change	Q2 FY21	YoY change	Q3 FY21	YoY change	Q4 FY21	YoY change
New Zealand contracted sales																				
Residential sales volume (GWh)	186	171	146	127	111	107							503	+31	345	+16				
Small medium business sales volume (GWh)	113	107	105	104	96	99							325	+34	299	+44				
Agricultural sales volume (GWh)	47	72	87	157	142	170							205	+22	469	+60				
Large business sales volume (GWh)	55	52	48	46	44	44							155	+26	134	+14				
Corporate and industrial sales volume (GWh)	282	275	272	283	284	287							829	+93	855	+117				
Retail contracted sales volume (GWh)	683	677	657	717	678	707							2,017	+206	2,102	+252				
Average retail contracted sales price (\$NZ/MWh)	\$120.4	\$119.3	\$118.1	\$106.0	\$103.1	\$104.2							\$119.3	+\$6.3	\$104.5	+\$3.6				
NZAS sales volume (GWh)	426	426	411	426	412	426							1,262	-110	1,263	-110				
Financial contract sales volumes (GWh)	188	125	201	126	221	140							514	+40	487	+59				
Average wholesale & financial contracts sales price (\$NZ/MWh)	\$82.0	\$70.4	\$74.2	\$69.4	\$69.9	\$66.8							\$75.7	+\$6.0	\$68.7	+\$3.9				
Retail customer supply volumes (GWh)	704	717	696	755	717	743							2,117	+229	2,215	+274				
Cost to supply retail customers (\$NZ/MWh)	\$165.1	\$120.6	\$140.3	\$126.9	\$101.0	\$118.8							\$141.9	+\$16.8	\$115.8	+\$16.6				
Cost to supply wholesale customers (\$NZ/MWh)	\$143.8	\$109.6	\$122.2	\$95.8	\$76.3	\$109.2							\$125.2	+\$10.5	\$94.0	+\$9.5				
Cost of financial contracts (\$NZ/MWh)	\$143.7	\$113.1	\$127.8	\$110.8	\$92.3	\$119.1							\$130.0	+\$16.3	\$104.7	+\$10.2				
Total New Zealand customer connections	326,148	327,125	328,602	329,710	331,240	332,587							328,602	+19,230	332,587	+18,988				
New Zealand generation																				
Hydro generation volume (GWh)	975	904	879	1,066	1,054	1,034							2,758	-474	3,153	-22				
Wind generation volume (GWh)	115	113	158	126	125	128							385	+8	379	-22				
Total generation volume (GWh)	1,089	1,017	1,037	1,192	1,179	1,162							3,144	-466	3,533	-44				
Average generation price (\$NZ/MWh)	\$144.5	\$110.1	\$123.7	\$107.7	\$86.5	\$109.3							\$126.5	+\$11.5	\$101.2	+\$13.8				
New Zealand hedging																				
Hedging volume (GWh)	318	266	268	241	314	308							852	+436	863	+389				
Hedging cost average price (\$NZ/MWh)	\$109.3	\$104.6	\$101.2	\$96.2	\$93.6	\$93.2							\$105.3	+\$41.8	\$94.2	+\$28.9				
Hedging spot revenue average price (\$NZ/MWh)	\$133.4	\$123.8	\$132.6	\$114.4	\$94.0	\$121.9							\$130.2	+\$10.9	\$109.7	+\$15.6				
Future contract close outs (\$NZm)	-1.6	-1.9	-2.9	0.6	-2.9	-1.3							-6.4	-4.2	-3.7	-1.1				
Australia contracted sales																				
Retail contracted electricity sales volume (GWh)	85	83	66	61	55	56							234	+49	171	+26				
Average electricity contracted sales price ¹ (\$A/MWh)	\$142.7	\$137.7	\$146.3	\$140.0	\$144.9	\$132.2							\$142.2	-\$1.0	\$139.0	-\$28.5				
Retail contracted gas sales volume (TJ)	312	280	157	142	52	48							749	+210	242	+8				
Average gas contracted sales price ¹ (\$A/GJ)	\$14.7	\$11.5	\$12.0	\$15.5	\$22.2	\$23.3							\$12.9	-\$0.8	\$18.5	+\$1.9				
Financial contract sales volumes ² (GWh)	26	33	29	42	41	40							88	-69	124	-73				
Financial contracted sales average price (\$A/MWh)	\$67.6	\$65.7	\$66.5	\$66.8	\$66.8	\$66.4							\$66.5	-\$20.1	\$66.7	-\$13.1				
Cost to supply electricity customers (\$A/MWh)	\$79.5	\$85.5	\$61.3	\$73.1	\$77.5	\$20.8							\$76.6	-\$40.2	\$57.5	-\$39.6				
Cost to supply gas customers (\$A/GJ)	\$10.1	\$11.3	\$14.6	\$13.4	\$12.7	\$19.9							\$11.5	+\$0.5	\$14.5	+\$4.2				
Cost of financial contracts (\$A/MWh)	\$56.7	\$53.5	\$37.0	\$52.2	\$54.4	\$50.0							\$49.1	-\$48.1	\$52.2	-\$23.2				
Powershop electricity customer connections ⁷	136,696	137,530	138,289	139,162	140,346	140,965							138,289	+23,190	140,965	+16,297				
Powershop gas customer connections ⁸	38,544	38,978	39,251	39,540	40,380	40,814							39,251	+12,722	40,814	+10,349				
Australia generation																				
Wind generation volume (GWh)	34	60	57	44	41	43							151	-10	127	-2				
Average wind generation price (\$A/MWh)	\$90.3	\$90.4	\$69.6	\$67.8	\$75.0	\$54.8							\$82.6	-\$39.4	\$65.7	-\$47.1				
Hydro generation volume (GWh)	0	4	14	12	41	40							19	-11	94	+46				
Average hydro generation price (\$A/MWh)	-	\$51.7	\$39.0	\$59.0	\$72.6	\$86.3							\$41.9	-\$56.3	\$75.3	-\$2.4				
PPA generation received (GWh)	27	33	34	30	27	29							94	-5	86	-4				
Average PPA generation price [net of costs] (\$A/MWh)	-\$1.6	-\$3.8	-\$14.4	-\$2.2	-\$1.1	-\$10.7							-\$7.0	-\$37.0	-\$4.7	-\$28.2				
Australia hedging																				
Hedging volume (GWh)	35	42	37	13	20	16							115	+4	49	-99				
Hedging costs (\$A/MWh)	\$48.4	\$78.3	\$82.6	\$204.9	\$176.2	\$99.7							\$70.6	-\$26.7	\$157.9	+\$56.7				
Hedging spot revenue average price (\$A/MWh)	\$18.6	\$55.8	\$40.6	\$149.6	\$71.6	\$69.7							\$39.5	-\$66.0	\$91.3	+\$11.7				
Future contract close outs (\$A M)	-\$0.2	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0							-\$0.3	-\$0.4	-\$0.1	-\$0.7				
Meridian Group																				
Employee and Operating Costs (\$NZ m)	21	21	21	21	22	21							63	-2	64	+2				
Stay in Business Capital Expenditure (\$NZ m)	3	4	4	4	3	3							11	+0	10	-2				
Investment Capital Expenditure (\$NZ m)	7	3	3	2	2	3							13	+8	7	+3				
Total Capital Expenditure (\$NZ m)	10	7	7	6	5	6							24	+8	17	+1				

FY20 operating information

	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020
New Zealand contracted sales												
Residential sales volume (GWh)	165	166	140	129	101	98	97	92	111	124	151	170
Small medium business sales volume (GWh)	97	99	95	89	85	81	86	87	88	57	85	98
Agricultural sales volume (GWh)	42	65	76	89	138	181	200	163	131	71	65	43
Large business sales volume (GWh)	46	45	38	40	39	40	38	39	41	33	40	46
Corporate and industrial sales volume (GWh)	249	255	233	243	247	248	272	264	269	222	255	277
Retail contracted sales volume (GWh)	599	630	583	590	610	650	694	646	639	507	596	634
Average retail contracted sales price (\$NZ/MWh)	\$113.5	\$115.4	\$109.5	\$102.7	\$99.8	\$100.0	\$103.3	\$109.5	\$108.3	\$109.2	\$106.8	\$116.5
NZAS sales volume (GWh)	463	463	447	463	448	463	463	433	463	416	426	485
Financial contract sales volumes (GWh)	150	176	148	129	135	164	170	283	354	222	318	280
Average wholesale & financial contracts sales price (\$NZ/M)	\$69.9	\$70.9	\$68.4	\$67.0	\$65.3	\$62.3	\$66.5	\$68.7	\$66.7	\$64.8	\$65.4	\$66.5
Retail customer supply volumes (GWh)	645	662	581	623	650	669	733	682	666	537	624	661
Cost to supply retail customers (\$NZ/MWh)	\$110.4	\$135.6	\$129.3	\$130.2	\$112.7	\$57.1	\$95.1	\$67.9	\$67.4	\$50.1	\$132.3	\$132.2
Cost to supply wholesale customers (\$NZ/MWh)	\$97.9	\$120.5	\$126.1	\$118.7	\$89.6	\$45.4	\$76.8	\$36.6	\$44.7	\$43.4	\$113.4	\$144.3
Cost of financial contracts (\$NZ/MWh)	\$101.9	\$118.2	\$120.5	\$112.6	\$92.8	\$81.6	\$86.7	\$47.0	\$45.7	\$52.1	\$98.9	\$130.6
Total New Zealand customer connections	304,993	307,798	309,372	311,694	313,150	313,599	315,225	317,784	319,778	321,051	322,448	324,253
New Zealand generation												
Hydro generation volume (GWh)	1,111	1,106	1,015	980	1,049	1,147	1,095	1,077	1,085	959	1,176	958
Wind generation volume (GWh)	116	135	126	143	133	125	122	108	109	116	106	126
Total generation volume (GWh)	1,227	1,241	1,141	1,123	1,182	1,272	1,217	1,185	1,194	1,075	1,282	1,084
Average generation price (\$NZ/MWh)	\$100.7	\$122.7	\$121.9	\$121.4	\$93.7	\$51.4	\$77.1	\$43.4	\$52.1	\$41.9	\$116.0	\$126.8
New Zealand hedging												
Hedging volume (GWh)	145	139	132	145	148	182	296	342	428	239	218	317
Hedging cost average price (\$NZ/MWh)	\$65.0	\$63.2	\$62.2	\$64.4	\$67.3	\$64.4	\$96.1	\$100.7	\$106.4	\$77.4	\$70.1	\$87.6
Hedging spot revenue average price (\$NZ/MWh)	\$104.4	\$130.5	\$124.0	\$122.6	\$104.1	\$63.1	\$100.0	\$75.1	\$59.8	\$51.5	\$101.9	\$134.9
Future contract close outs (\$NZm)	-0.3	-0.6	-1.4	-1.5	-0.2	-0.9	-0.2	-0.2	-0.1	-2.0	-4.3	-2.3
Australia contracted sales												
Retail contracted electricity sales volume (GWh)	63	66	55	49	46	50	51	50	53	57	68	75
Average electricity contracted sales price ¹ (\$A/MWh)	\$149.8	\$147.0	\$131.2	\$168.0	\$174.0	\$161.1	\$130.0	\$150.4	\$142.0	\$121.1	\$146.5	\$147.6
Retail contracted gas sales volume (TJ)	176	192	171	119	64	51	22	37	52	108	231	270
Average gas contracted sales price ¹ (\$A/GJ)	\$13.9	\$14.0	\$13.4	\$13.8	\$18.9	\$20.0	\$33.4	\$22.2	\$18.7	\$12.5	\$15.4	\$12.5
Financial contract sales volumes ² (GWh)	54	43	60	65	63	68	46	43	46	7	19	22
Financial contracted sales average price (\$A/MWh)	\$83.3	\$86.1	\$90.1	\$80.1	\$80.1	\$79.2	\$122.0	\$122.0	\$122.0	\$176.6	\$69.5	\$59.8
Cost to supply electricity customers (\$A/MWh)	\$105.5	\$126.4	\$118.0	\$119.9	\$89.2	\$82.2	\$257.6	\$111.9	\$53.6	\$56.8	\$67.5	\$78.1
Cost to supply gas customers (\$A/GJ)	\$11.8	\$11.4	\$9.8	\$8.6	\$14.0	\$9.9	\$41.1	\$20.4	\$13.6	\$13.4	\$11.2	\$11.6
Cost of financial contracts (\$A/MWh)	\$86.9	\$101.0	\$103.6	\$100.1	\$68.3	\$58.2	\$138.8	\$52.2	\$45.8	\$87.4	\$39.8	\$42.3
Powershop electricity customer connections ⁷	111,373	112,995	115,099	118,721	121,575	124,668	127,847	131,647	134,399	135,205	135,628	136,202
Powershop gas customer connections ⁸	24,096	25,240	26,529	27,858	29,182	30,465	32,387	33,428	35,392	36,077	36,955	37,878
Australia generation												
Wind generation volume (GWh)	61	56	44	44	44	41	38	32	39	43	49	37
Average wind generation price (\$A/MWh)	\$115.7	\$124.7	\$127.3	\$125.5	\$110.3	\$101.9	\$225.9	\$474.6	\$77.8	\$54.2	\$61.4	\$79.2
Hydro generation volume (GWh)	3	7	19	17	15	16	14	9	8	4	1	0
Average hydro generation price (\$A/MWh)	\$81.0	\$104.0	\$99.2	\$99.4	\$66.9	\$64.4	\$153.1	\$56.4	\$43.8	\$39.1	\$39.9	\$58.5
PPA generation received (GWh)	35	34	30	31	30	29	29	28	30	30	32	28
Average PPA generation price [net of costs] (\$A/MWh)	\$22.9	\$30.3	\$38.4	\$45.2	\$16.5	\$7.8	\$59.5	\$1.4	-\$8.9	-\$14.5	-\$13.1	-\$9.1
Australia hedging												
Hedging volume (GWh)	36	39	36	50	48	50	39	43	42	36	40	37
Hedging costs (\$A/MWh)	\$87.3	\$98.6	\$105.6	\$102.1	\$109.8	\$93.9	-\$23.1	\$197.7	\$185.1	\$79.3	-\$49.6	\$80.6
Hedging spot revenue average price (\$A/MWh)	\$99.6	\$105.5	\$111.4	\$107.7	\$72.3	\$58.6	\$130.3	\$58.6	\$43.5	\$41.7	\$42.9	\$55.0
Future contract close outs (\$A M)	\$0.0	\$0.2	-\$0.1	\$0.0	\$0.7	-\$0.1	\$0.0	\$0.5	-\$0.1	\$0.8	\$0.7	\$0.0
Meridian Group												
Employee and Operating Costs (\$NZ m)	21	21	22	22	22	19	19	21	21	20	19	31
Stay in Business Capital Expenditure (\$NZ m)	4	3	4	4	4	4	3	3	4	3	3	6
Investment Capital Expenditure (\$NZ m)	1	2	2	1	2	1	1	2	2	1	1	3
Total Capital Expenditure (\$NZ m)	5	5	6	5	6	5	4	5	6	4	4	9

Glossary

Hedging volumes	buy-side electricity derivatives excluding the buy-side of virtual asset swaps
Average generation price	the volume weighted average price received for Meridian’s physical generation
Average retail contracted sales price	volume weighted average electricity price received from retail customers, less distribution costs
Average wholesale contracted sales price	volume weighted average electricity price received from wholesale customers (including NZAS) and financial contracts
Combined catchment inflows	combined water inflows into Meridian’s Waitaki and Waiau hydro storage lakes
Cost of hedges	volume weighted average price Meridian pays for derivatives acquired
Cost to supply contracted sales	volume weighted average price Meridian pays to supply contracted customer sales and financial contracts
Contracts for Difference (CFDs)	an agreement between parties to pay the difference between the wholesale electricity price and an agreed fixed price for a specified volume of electricity. CFDs do not result in the physical supply of electricity
Customer connections (NZ)	number of installation control points, excluding vacants
FRMP	financially responsible market participant
GWh	gigawatt hour. Enough electricity for 125 average New Zealand households for one year
Historic average inflows	the historic average combined water inflows into Meridian’s Waitaki and Waiau hydro storage lakes over the last 85 years
Historic average storage	the historic average level of storage in Meridian’s Waitaki catchment since 1979
HVDC	high voltage direct current link between the North and South Islands of New Zealand
ICP	New Zealand installation control points, excluding vacants
ICP switching	the number of installation control points changing retailer supplier in New Zealand, recorded in the month the switch was initiated
MWh	megawatt hour. Enough electricity for one average New Zealand household for 46 days
National demand	Electricity Authority’s reconciled grid demand www.emi.ea.govt.nz
NEM	Australia’s national energy market, comprising Queensland, New South Wales (including the Australian Capital Territory), Victoria, South Australia, and Tasmania
NZAS	New Zealand Aluminium Smelters Limited
Retail sales volumes	contract sales volumes to retail customers, including both non half hourly and half hourly metered customers
Financial contract sales	sell-side electricity derivatives excluding the sell-side of virtual asset swaps
TJ	Terajoules
Virtual Asset Swaps (VAS)	CFDs Meridian has with Genesis Energy and Mercury New Zealand. They do not result in the physical supply of electricity