

# Q3

## QUARTERLY PERFORMANCE



### Q3 2015 MARKET AND OPERATIONAL INFORMATION

*This disclosure includes market and operational information for Genesis Energy Limited, for the quarter ending 31 March 2015 ("Q3").*

**↓ 0.3%**

Electricity customers were 0.3% lower than in Q2 2015

**↑ 173%**

Q3 coal generation volumes up 173% on pcp

**↓ 30%**

The coal stockpile was 30% lower than a year ago

**Zero**

There were no lost time injuries in Q3

### Genesis Energy's Q3 2015 operational performance reflects sustained retail competition offset in part by higher generation volumes.

Competition for electricity and gas customers continued over the Q3 period as Genesis Energy experienced increased switching rates and a reduction in both electricity and gas customers. In addition, despite the very low hydro inflows across New Zealand and the reduced hydro storage levels, the average wholesale electricity price at the Huntly node of \$91.30 was 10% lower than in Q3 2014. This likely reflects the increased baseload geothermal generation across the industry, remaining excess capacity, improved HVDC flows and changes in competitors' hydro risk positions.

While January 2015 was a relatively quiet month, electricity customer switching increased in both February and March 2015. At 31 March 2015 Genesis Energy had 516,167 electricity customers, which was 1,300 customers or 0.3% lower than the end of the previous quarter. Gas customers reduced by 1,400 accounts or 1.3% over the last three months to 106,781 customers.

Total retail electricity sales volumes of 1,144 GWh in Q3 were 2% lower than those in Q3 2014. This reflected a 5% decrease in mass market volumes, offset in part by a 13% increase in Time of Use (TOU) volumes versus Q3 2014. The decline in mass market volumes was due to the 3% reduction in electricity customer accounts versus the same period last year, and a 2% decrease in electricity usage per customer.

A combination of lower gas customers and reduced usage per customer contributed to total mass market gas volumes decreasing 8% in Q3 to 0.5PJ versus Q3 2014. TOU gas sales were consistent with the same period last year at 0.6PJ and accounted for 54% of all gas sold to retail customers. LPG sales increased 15% year on year to 599 tonnes, tracking the 20% increase in LPG customers which now sits at 13,281.

A mixture of reduced hydro inflows and capacity outages in Q3 led to a marked increase in total generation versus Q3 2014, driven mainly by increased output from the thermal units at Huntly Power Station. Thermal generation of 1,292GWh was 42% higher than in Q3 2014, with gas-fired generation (mainly Unit 5) up 9% and coal-fired generation up 173% versus Q3 2014. This reflected that, with recently contracted wholesale gas sales, Genesis Energy was shorter gas than it has been in the past, providing the opportunity to use coal through the Rankine Units at Huntly, reducing the coal stockpile by 30% to 716,000 tonnes by the end of Q3.

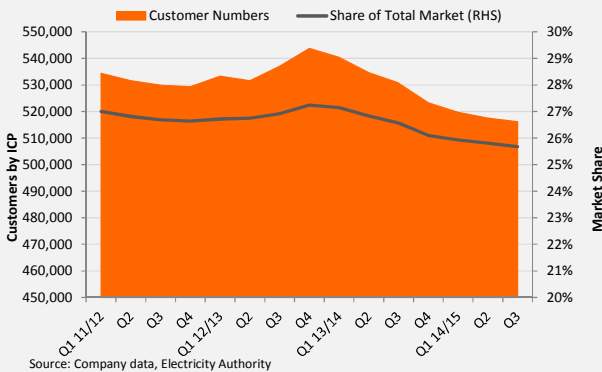
Hydro generation at the Tongariro and Waikaremoana power schemes was constrained by reduced inflows, but the Tekapo A and B station generation increased more than threefold to 279GWh compared to Q3 2014 when output was impacted by remediation work undertaken on the Tekapo Canal.

Genesis Energy's share of oil, gas and LPG sales from the Kupe oil and gas field were all up in Q3 versus a year ago as the Kupe Joint Venture partners leveraged an agreement to maintain elevated gas production. Oil sales of 142kbbbl were up 39% year on year due to the timing of oil export shipments.

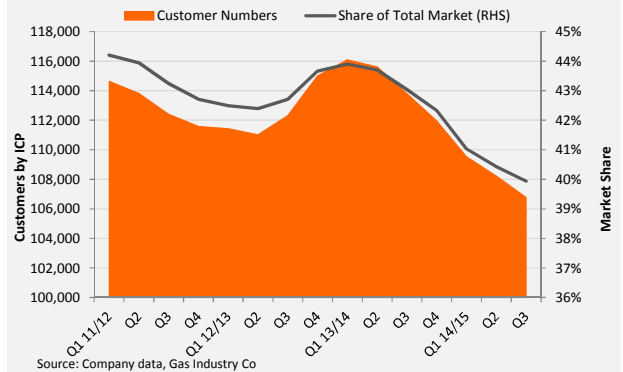
There were no lost time injuries in Q3 (none in Q3 2014), but one recordable injury increased the Total Recordable Injury Frequency Rate at 31 March 2015 to 1.09 (versus 2.05 at 31 March 2014 and 0.54 three months earlier). There were 901 full time equivalent employees at 31 March 2015 compared to 935 at the same time last year.



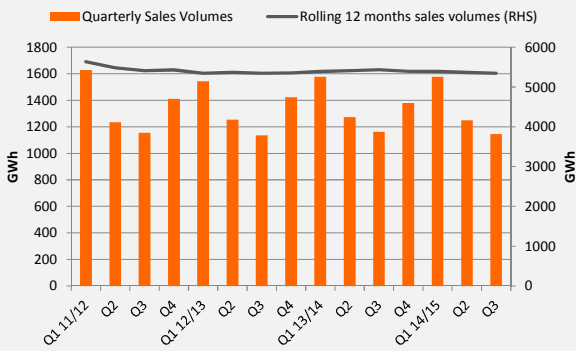
### Electricity Customers and Market Share



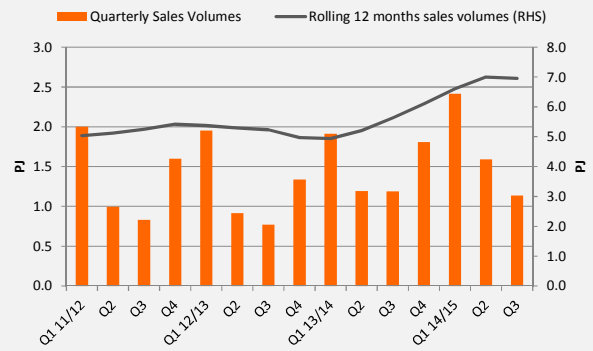
### Natural Gas Customers and Market Share



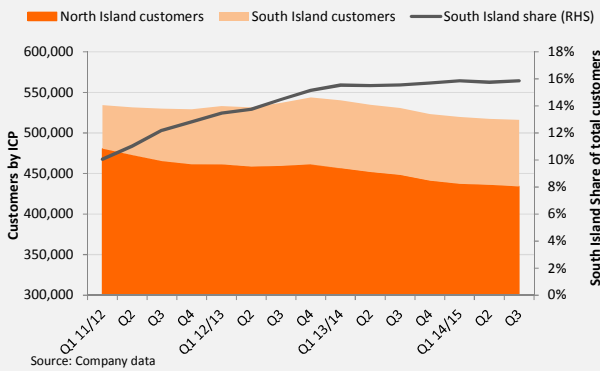
### Electricity Sales Volumes (GWh)



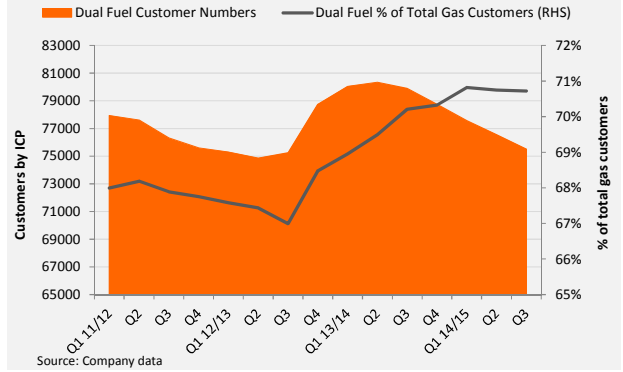
### Retail Gas Sales Volumes (PJ)



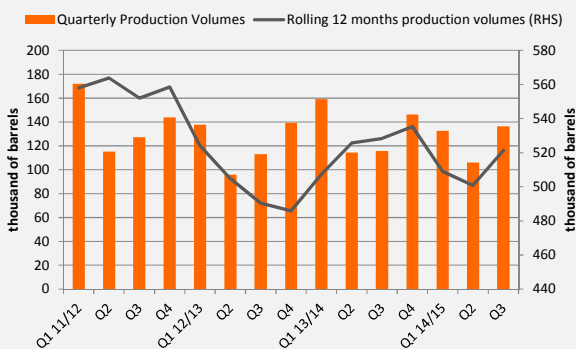
### Geographic Split of Electricity Customers



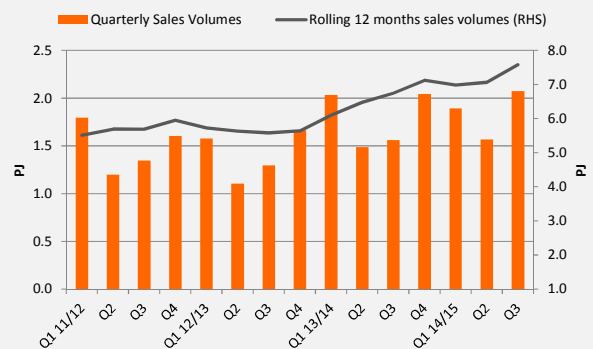
### Dual Fuel Customer Base



### Kupe Oil Production Volumes (kbbbl)

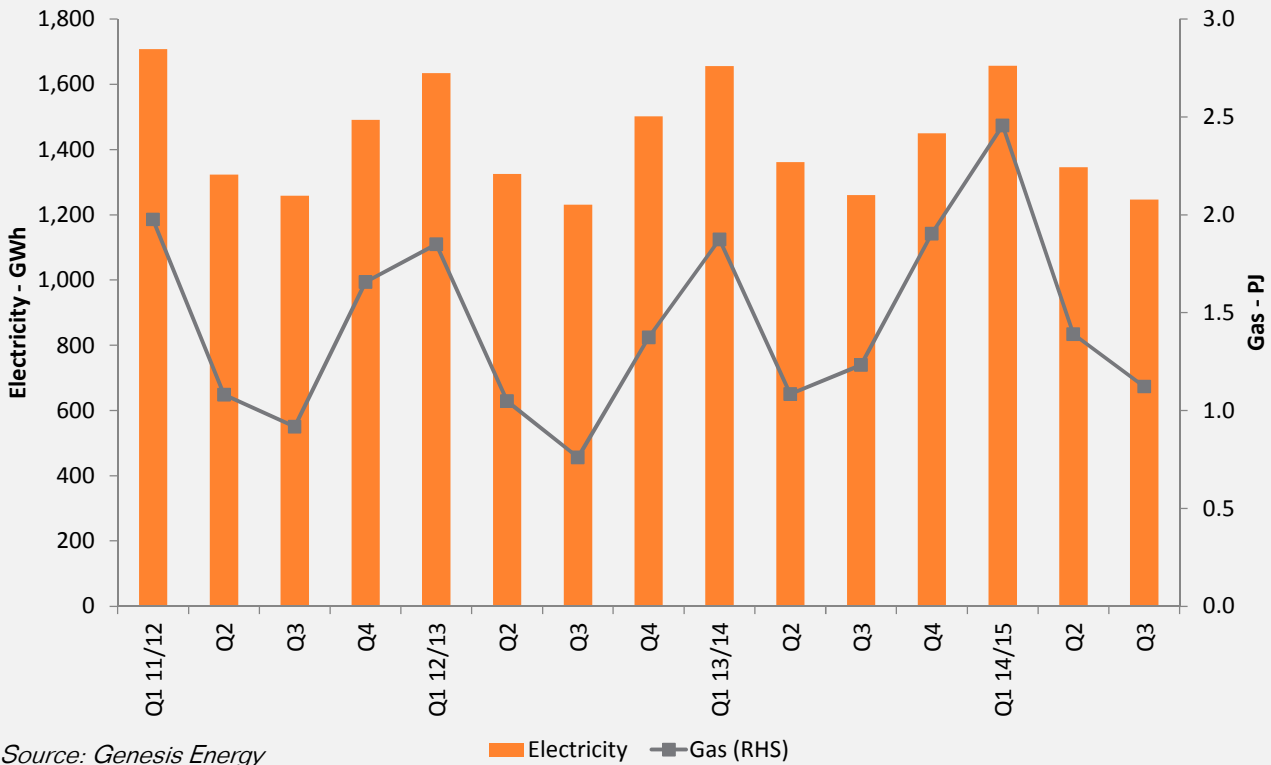


### Kupe Gas Sales Volumes (PJ)



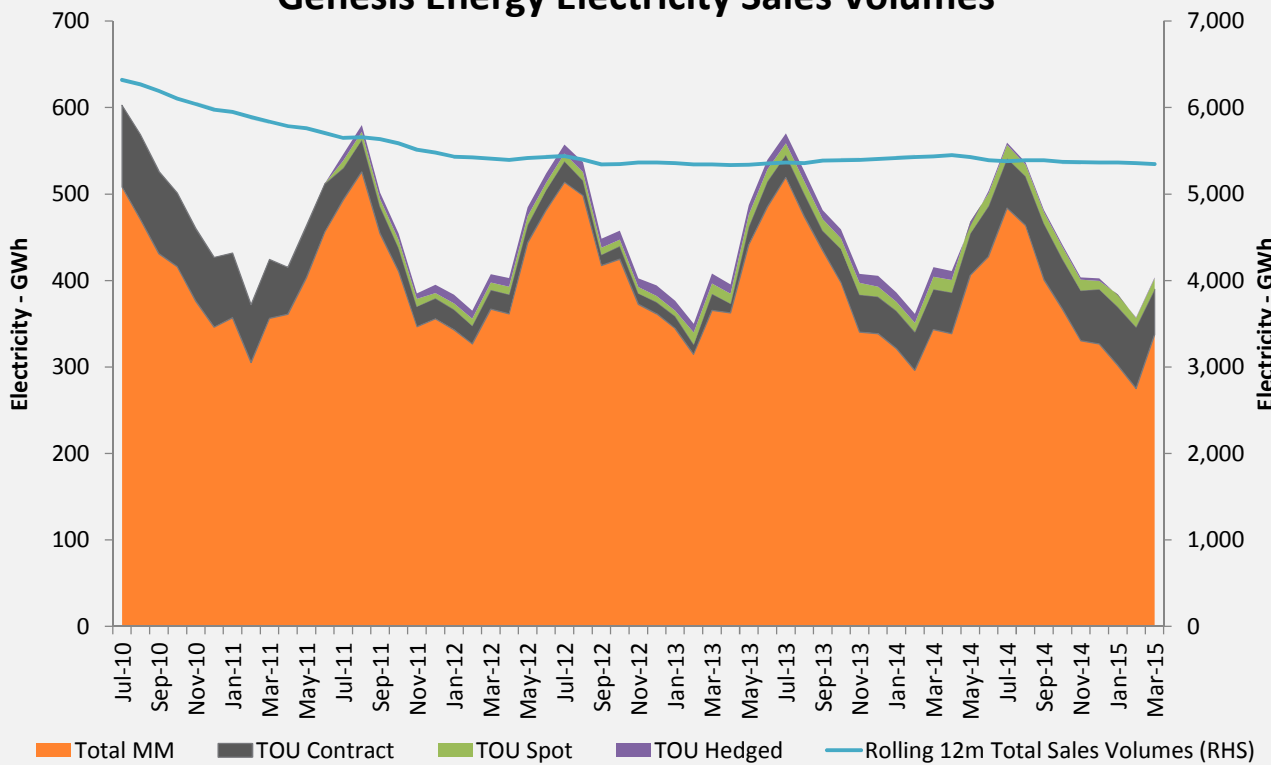


### Genesis Energy Electricity and Gas Purchase Volumes



Source: Genesis Energy

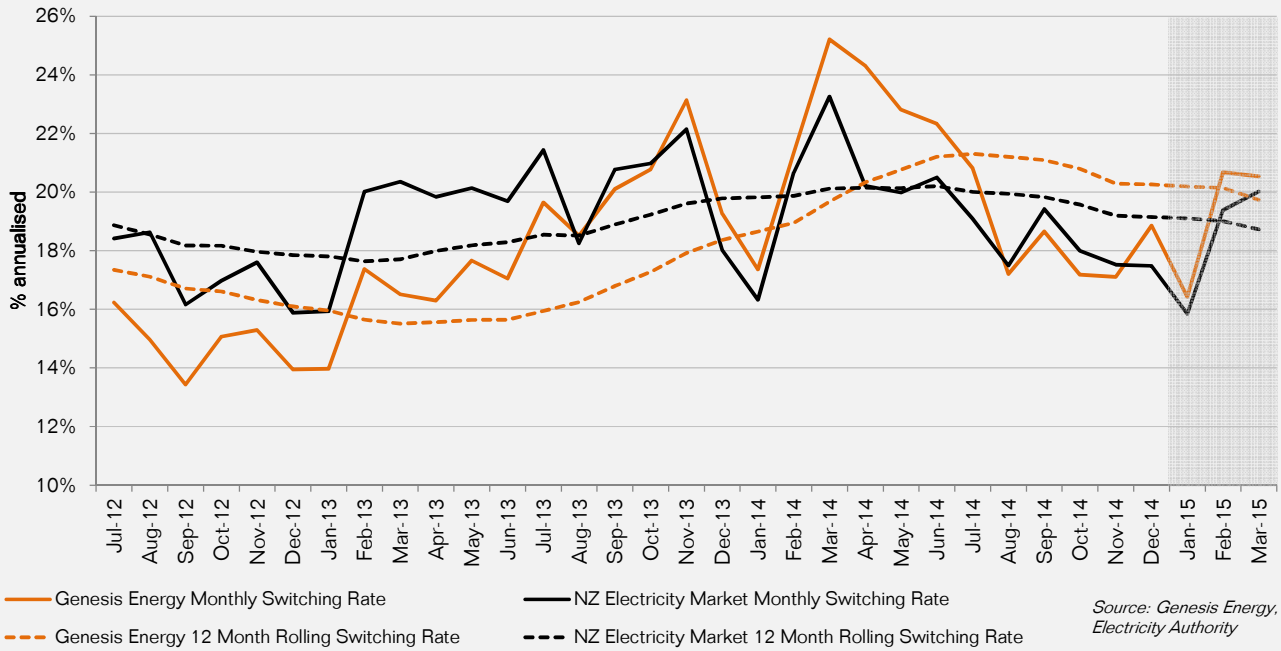
### Genesis Energy Electricity Sales Volumes



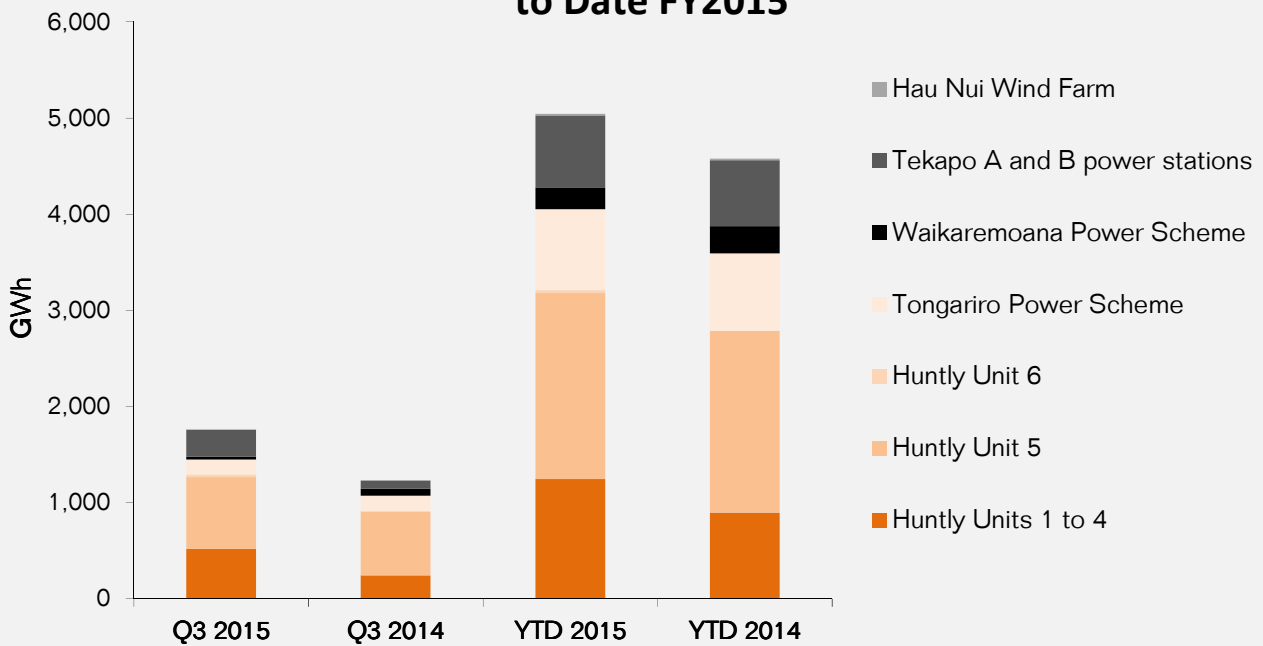
Source: Genesis Energy



### Genesis Energy vs. Industry Electricity Customer Switching

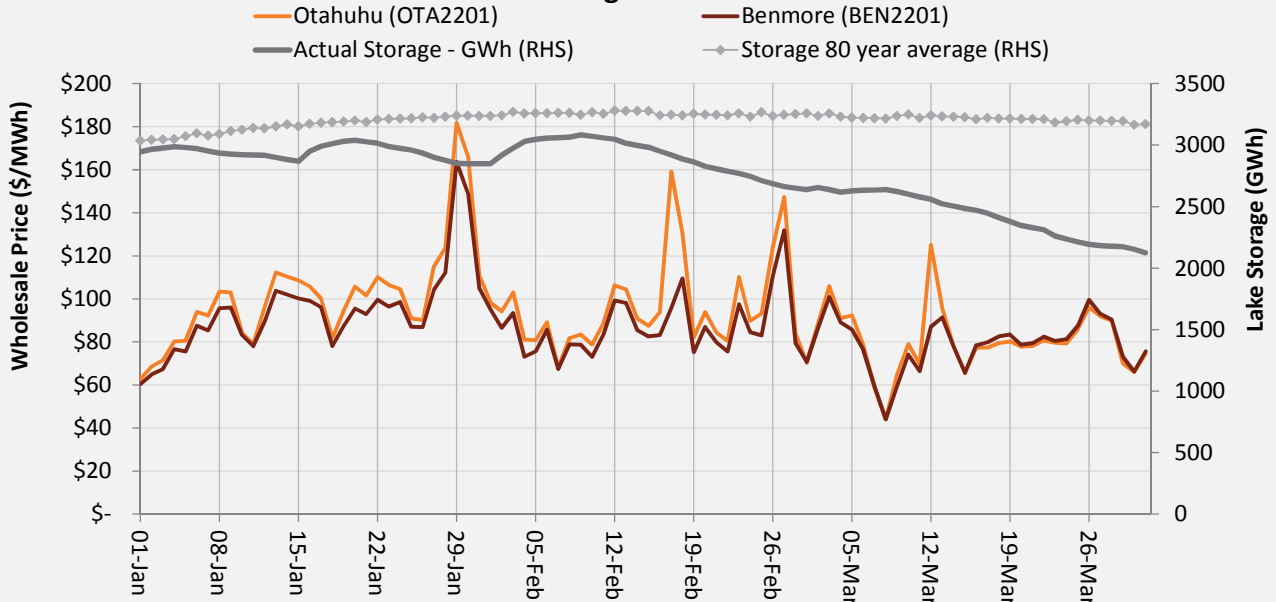


### Genesis Energy Generation - Q3 2015 and Year to Date FY2015



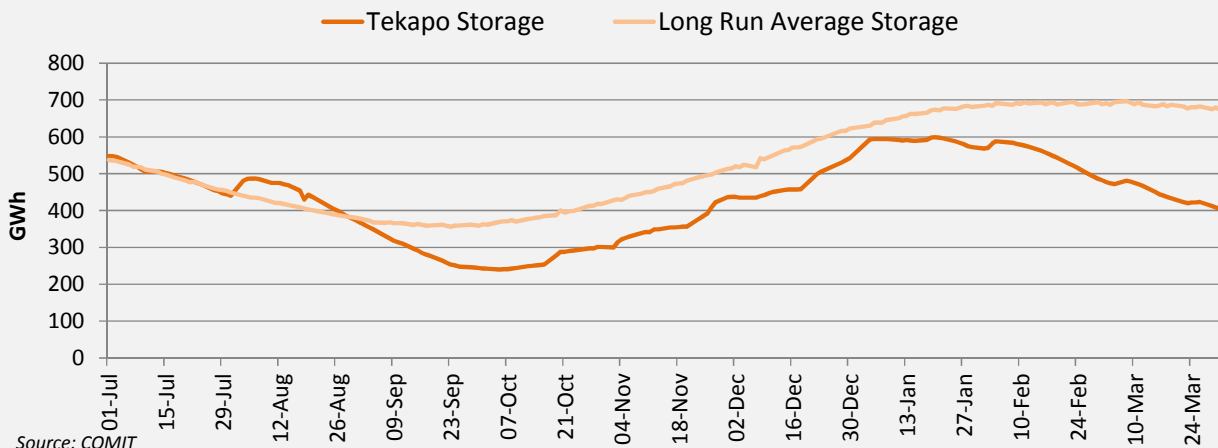


### Daily Average Wholesale Reference Point Prices and Lake Storage - Jan - Mar 2015



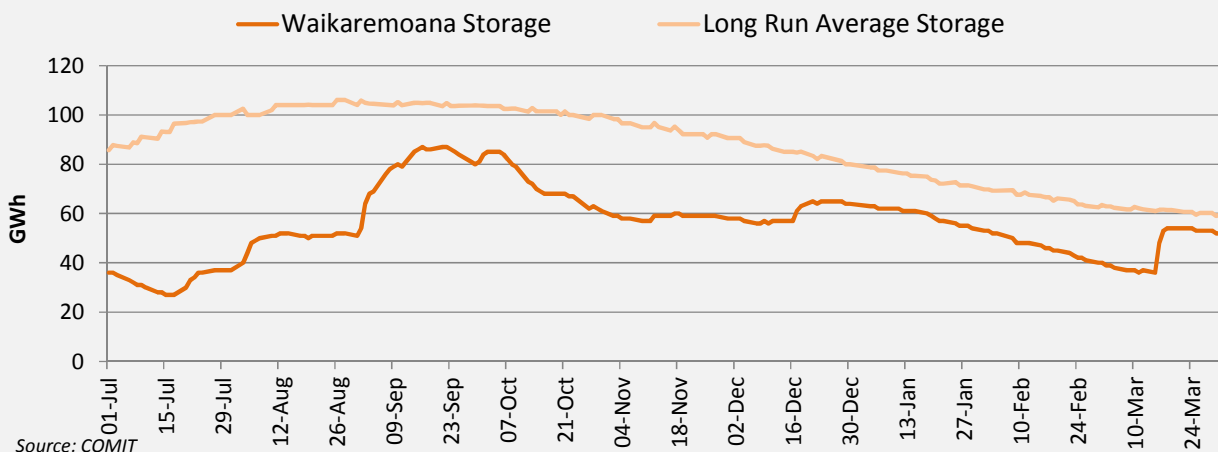
Source: COMIT/Genesis Energy

### Tekapo Storage vs Long Run Average



Source: COMIT

### Waikaremoana Storage vs Long Run Average



Source: COMIT



## APPENDIX A OPERATIONAL INFORMATION

### Operational Information

Genesis Energy Operational Information*	Third Quarter (January to March)				Year to Date			
	2014/15	2013/14	% Change	Change	2014/15	2013/14	% Change	Change
<b>Market Information</b>								
<b>Customer-focus</b>								
Electricity Market Share (%) <sup>1</sup>	25.7%	26.6%	-3.3%	-0.9%				
Gas Market Share (%) <sup>1</sup>	39.9%	43.0%	-7.2%	-3.1%				
<b>Customer Experience</b>								
<b>Customer-focus</b>								
Customer Satisfaction (%) <sup>2</sup>	91%	87%	4.6%	4%				
Total Advanced Meters Installed During Period (#)	0	11,840	-100.0%	-11,840	5,267	38,933	-86.5%	-33,666
Total Advanced Meters Installed To Date (#)	366,935	366,654	0.1%	281				
<b>Customer Numbers</b>								
Total Customer Numbers (#) <sup>3</sup>	646,463	667,435	-3.1%	-20,972				
<i>Total Customers by Product:</i>								
Electricity Customers (#) <sup>4</sup>	536,915	551,813	-2.7%	-14,898				
Electricity Customers Excluding Vacants (#) <sup>4</sup>	516,167	530,718	-2.7%	-14,551				
Gas Customers (#) <sup>4</sup>	109,548	115,622	-5.3%	-6,074				
Gas Customers Excluding Vacants (#) <sup>4</sup>	106,781	113,805	-6.2%	-7,024				
LPG Customer Numbers (#) <sup>5</sup>	13,281	11,057	20.1%	2,224				
<i>Total Electricity Customers by Location:</i>								
North Island Electricity Customer Numbers (#) <sup>4</sup>	434,285	448,183	-3.1%	-13,898				
South Island Electricity Customer Numbers (#) <sup>4</sup>	81,882	82,535	-0.8%	-653				
<b>Customer Volumes and Price</b>								
Mass Market Electricity Sales (GWh)	915	961	-4.8%	-46	3,287	3,465	-5.1%	-178
TOU Electricity Sales (GWh)	230	202	13.4%	27	682	548	24.5%	134
Electricity Sales - Retail (GWh)	1,144	1,163	-1.6%	-19	3,970	4,014	-1.1%	-44
Electricity Sales - Wholesale (GWh)	382	380	0.5%	2	1,258	1,545	-18.5%	-287
Mass Market Gas Sales (PJ)	0.5	0.6	-8.4%	0.0	3.0	2.9	2.5%	0
TOU Gas Sales (PJ)	0.6	0.6	-0.6%	0.0	2.1	1.4	56.6%	1
Retail Gas Sales (PJ)	1.1	1.2	-4.3%	-0.1	5.1	4.3	19.8%	0.9
Retail LPG Sales (tonnes)	599	521	15.0%	78	2,543	2,130	19.4%	413
Electricity Purchases (GWh)	1,246	1,260	-1.1%	-14	4,249	4,279	-0.7%	-30
Retail Gas Purchases (PJ)	1.1	1.2	-9.0%	-0.1	5.0	4.2	18.5%	0.8
Average Retail Electricity Purchase Price - LWAP (\$/MWh) <sup>6</sup>	\$93.92	\$104.40	-10.0%	(\$10.48)	\$78.75	\$68.83	14.4%	\$9.92
LWAP/GWAP Ratio (%)	101%	95%	5.9%	5.6%	99%	99%	0.2%	0.2%
<b>Energy Management</b>								
<b>Generation</b>								
Gas (GWh)	792	725	9.3%	67	2,069	2,196	-5.8%	-127
Coal (GWh)	500	183	173.1%	317	1,141	588	94.2%	553
Total Thermal (GWh)	1,292	908	42.3%	384	3,210	2,783	15.3%	427
Hydro (GWh)	465	322	44.2%	142	1,816	1,778	2.1%	38
Wind (GWh)	4	6	-20.5%	-1.1	16	18	-11.0%	-2.0
Total Renewable (GWh)	469	328	43.1%	141	1,831	1,796	2.0%	36
Total Generation (GWh)	1,761	1,235	42.5%	525.6	5,041	4,579	10.1%	462.4
<i>Generation by Location:</i>								
North Island (GWh)	1,482	1,149	28.9%	332	4,295	3,892	10.4%	404
South Island (GWh)	279	86	224.5%	193	746	687	8.6%	59
Average Price Received for Generation - GWAP (\$/MWh) <sup>6</sup>	\$93.20	\$109.67	-15.0%	(\$16.46)	\$79.25	\$69.42	14.1%	\$9.82
Generation Emissions (ktCO <sub>2</sub> )	793	480	65.3%	313.3	1,936	1,515	27.7%	420.4
Generation Carbon Intensity (tCO <sub>2</sub> /GWh)	450	388	16.0%	62.1	384	331	16.0%	53.0
<b>Fuel</b>								
Gas Purchases (PJ)	11.9	11.2	6.1%	0.7	36.1	31.8	13.6%	4.3
Coal Purchases (PJ)	2.2	2.7	-16.3%	-0.4	7.6	9.7	-21.5%	-2.1
Wholesale Gas Sales (PJ)	4.9	4.5	9.8%	0.4	15.7	10.2	52.9%	5.4
Wholesale Coal Sales (PJ)	0.2	0.0	N/A	0.2	0.4	0.0	N/A	0.4
Gas Used In Internal Generation (PJ)	5.9	5.5	6.4%	0.35	15.5	17.3	-10.8%	-1.9
Coal Used In Internal Generation (PJ) <sup>7</sup>	5.4	2.1	159.4%	3.3	12.5	6.6	90.5%	6.0
Coal Stockpile - closing balance (kilotonnes)	715.7	1,020.3	-29.9%	-305				
<b>Kupe Oil and Gas</b>								
<b>Genesis Energy Sales Share</b>								
Gas Sales (PJ)	2.1	1.6	32.7%	0.5	5.5	5.1	8.9%	0.5
Oil Production (kbbbl)	136.3	115.8	17.7%	20.5	375.2	389.1	-3.6%	-14
Oil Sales (kbbbl)	141.6	102.1	38.7%	39.5	375.0	357.2	5.0%	18
LPG Sales (kilotonnes)	8.1	5.4	48.9%	2.7	23.3	20.5	13.2%	2.7

#### Notes:

<sup>1</sup> March 2014 and 2015 market shares based on published customer records from the Electricity Authority and Gas Industry Company

<sup>2</sup> Based on the survey question: "Overall, how satisfied are you with the customer service you have received from Genesis Energy where 1 is very dissatisfied and 10 is very satisfied?". Survey started in October 2013

<sup>3</sup> Based on Genesis Energy customer records. Includes vacant accounts. Excludes LPG customers. Electricity and gas customers are defined by number of connections.

<sup>4</sup> Electricity and gas customers are defined by number of connections (ICP).

<sup>5</sup> LPG customers are defined by number of customers

<sup>6</sup> Excludes settlements from electricity derivatives.

<sup>7</sup> Results have been revised to reflect changes in coal kilotonnes to PJ conversion rate and volume methodology