

## Electricity Authority Weekly Report

Market Performance team

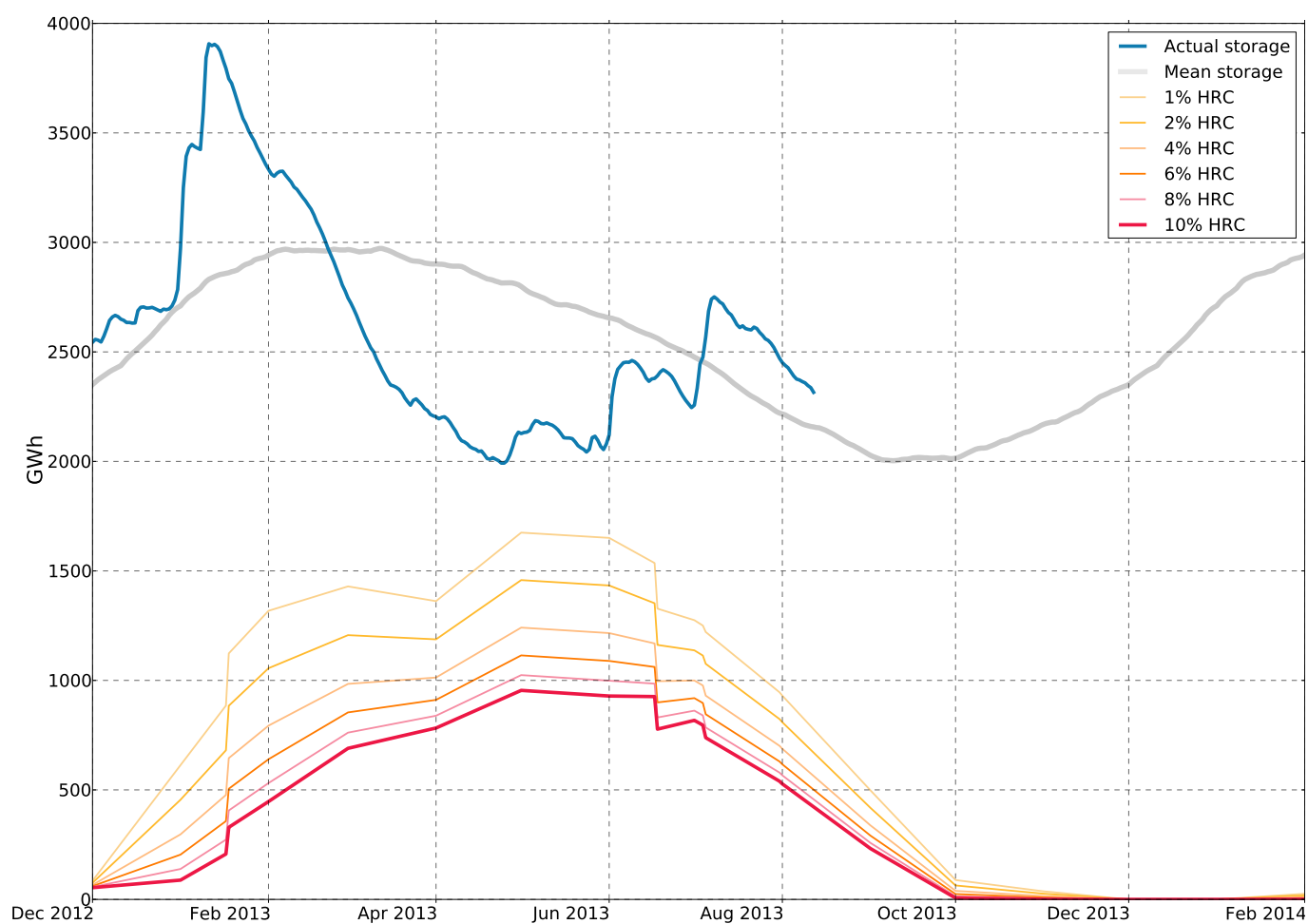
August 13, 2013

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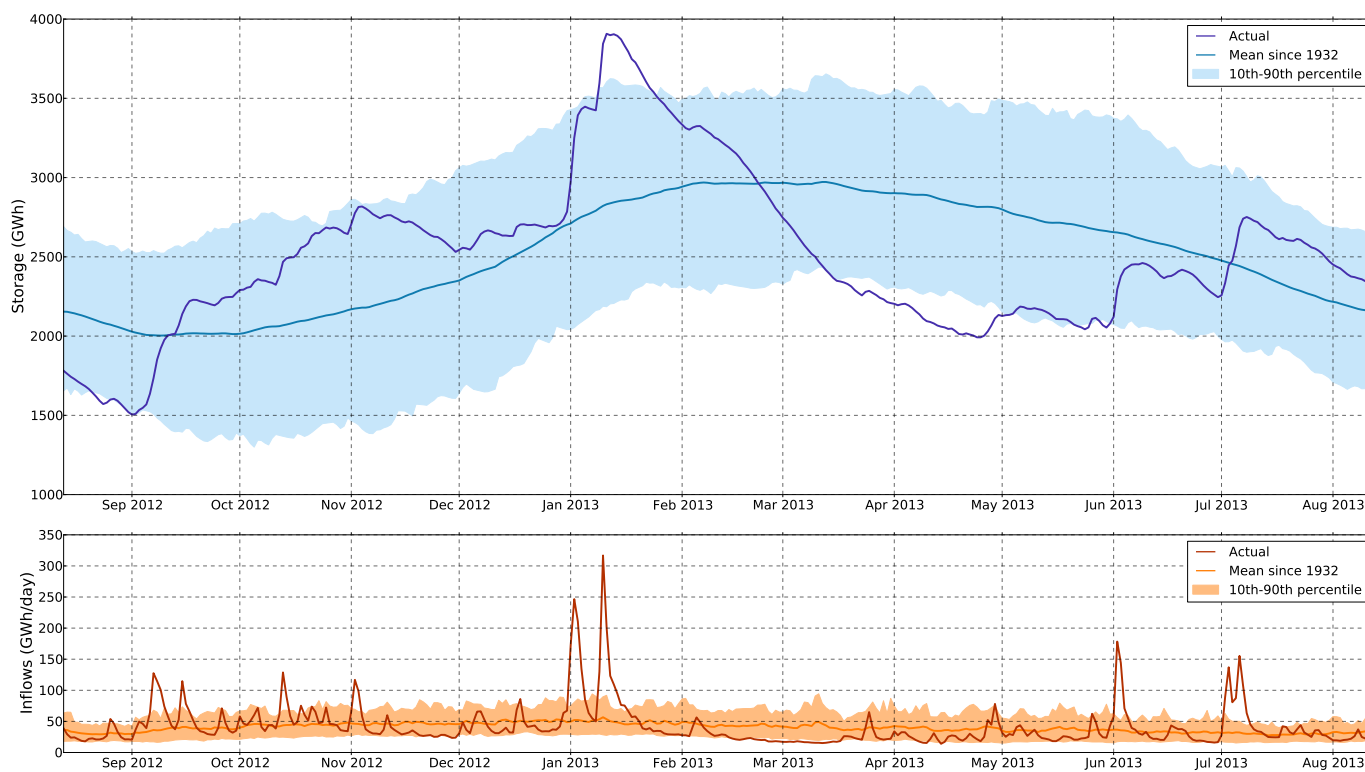
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# 1 Hydro Risk Curves and current storage situation



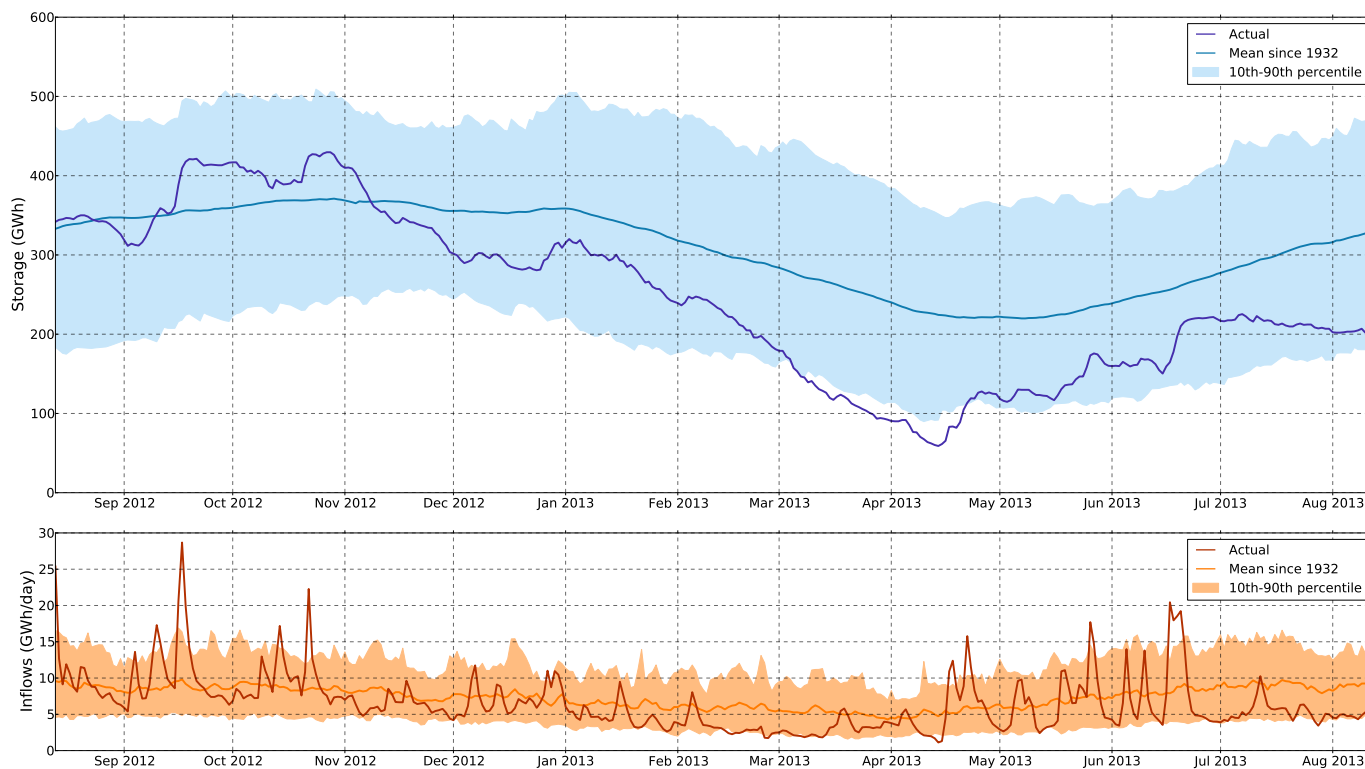
Source: HRCs:Electricity Authority/System Operator, Hydro data <http://www.comithydro.niwa.co.nz/>

## 1.1 NZ total storage and inflows over past year

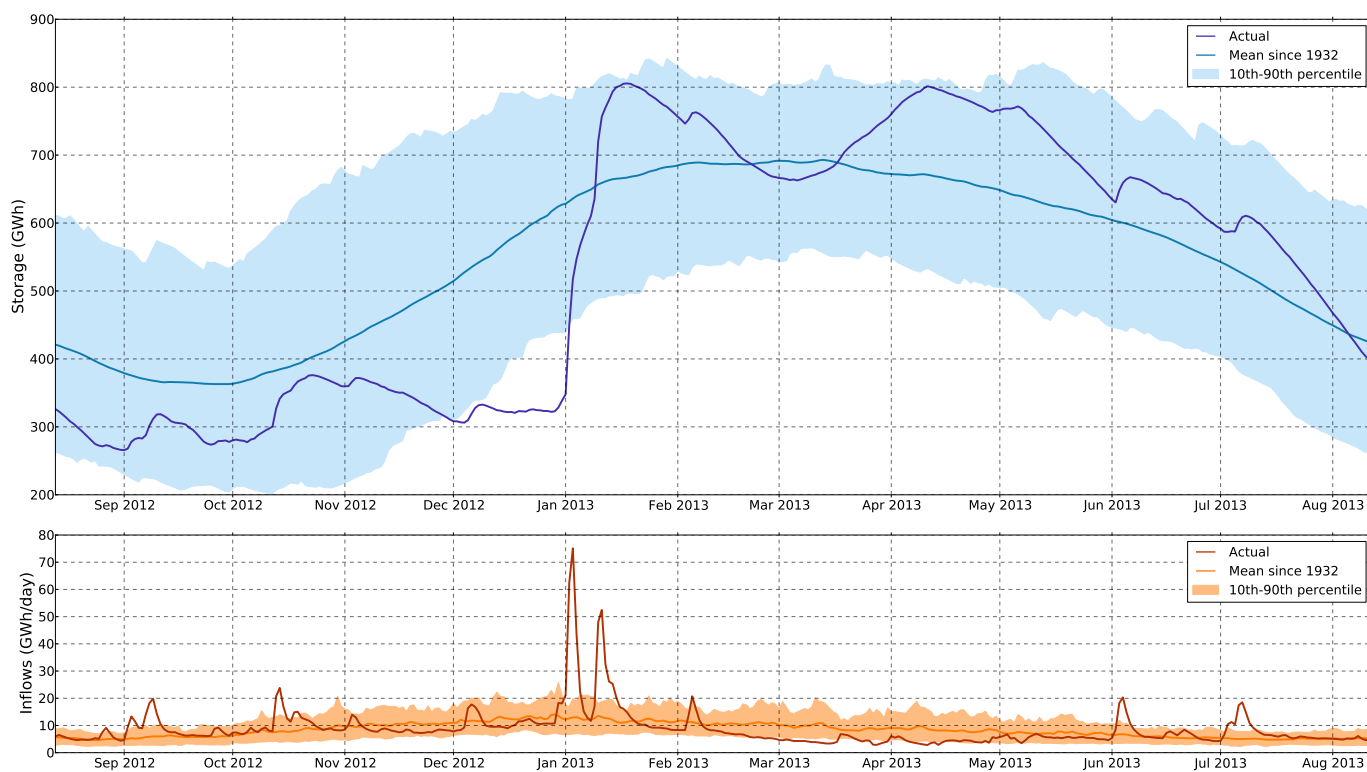


Source: Electricity Authority/Comit Hydro

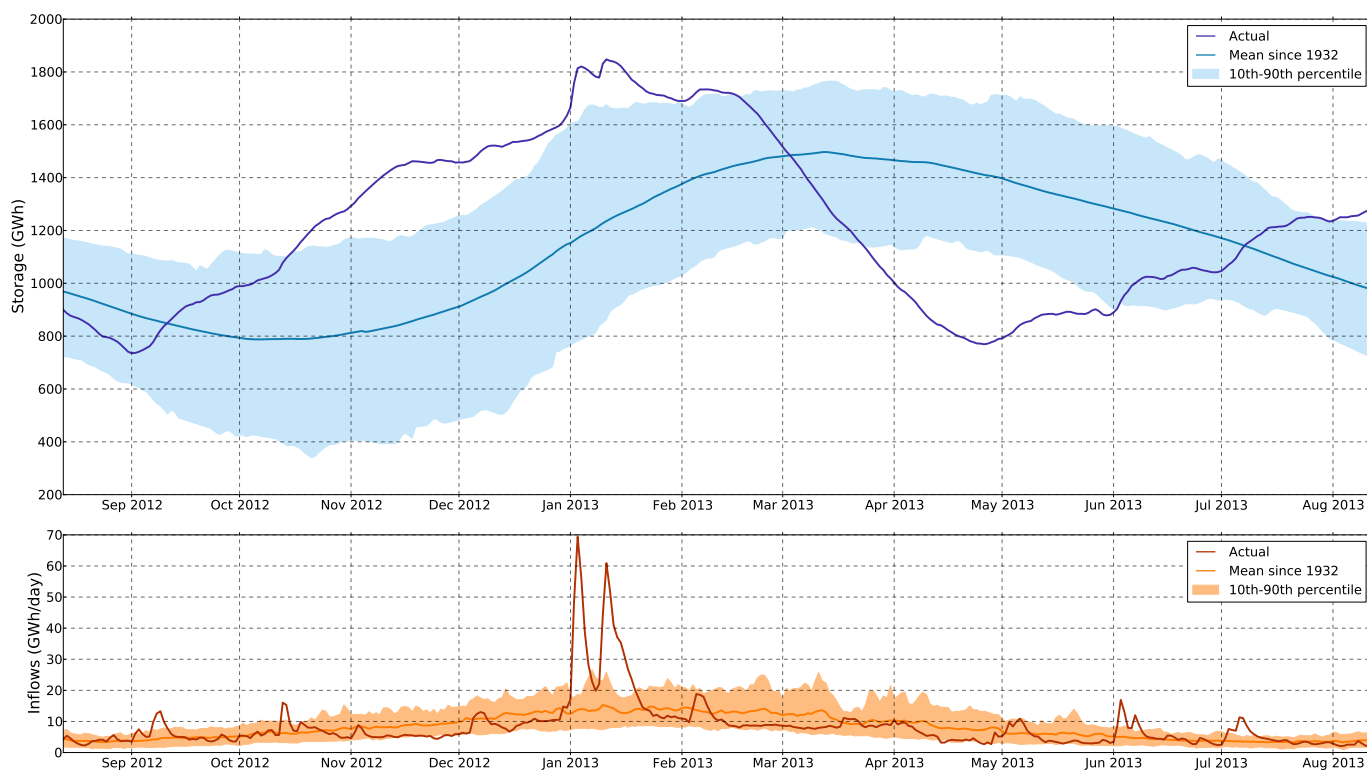
## 1.2 Lake Taupo total storage and inflows over past year



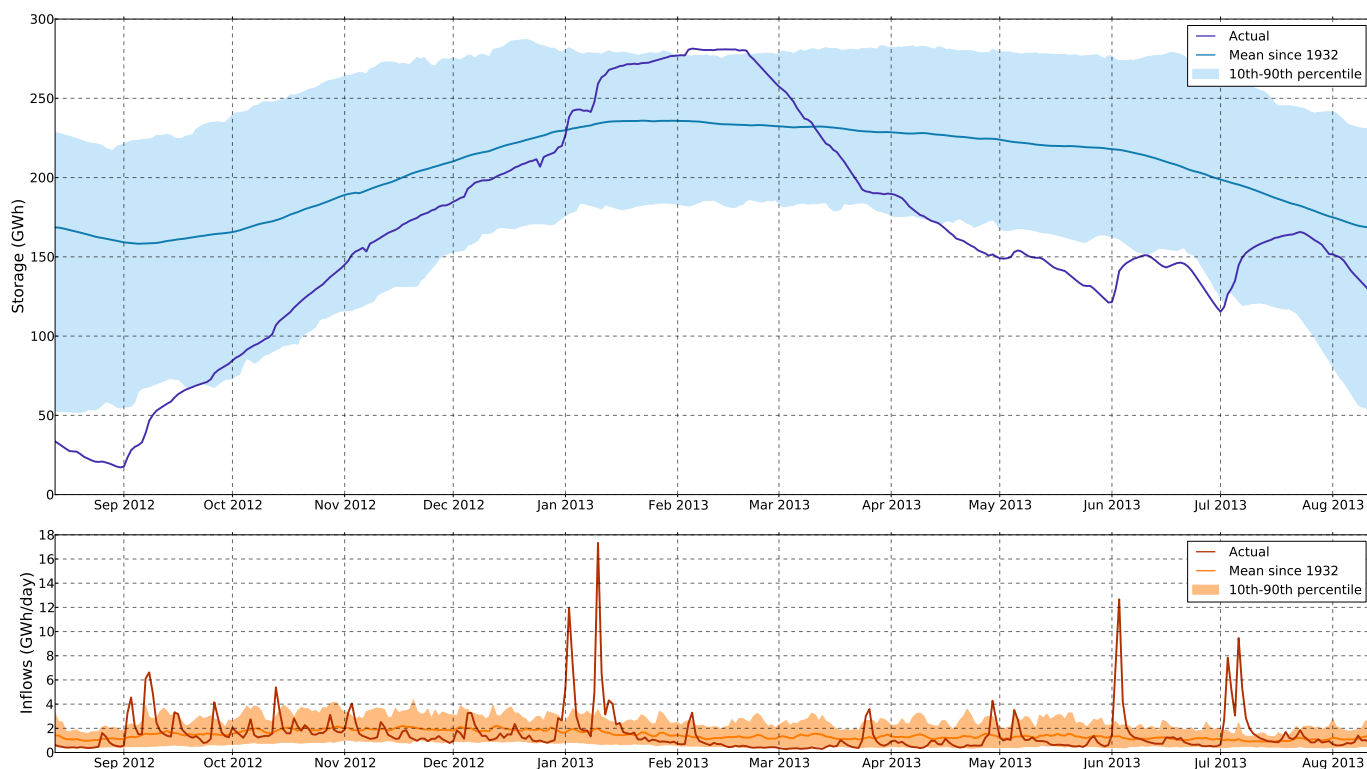
### 1.3 Lake Tekapo total storage and inflows over past year



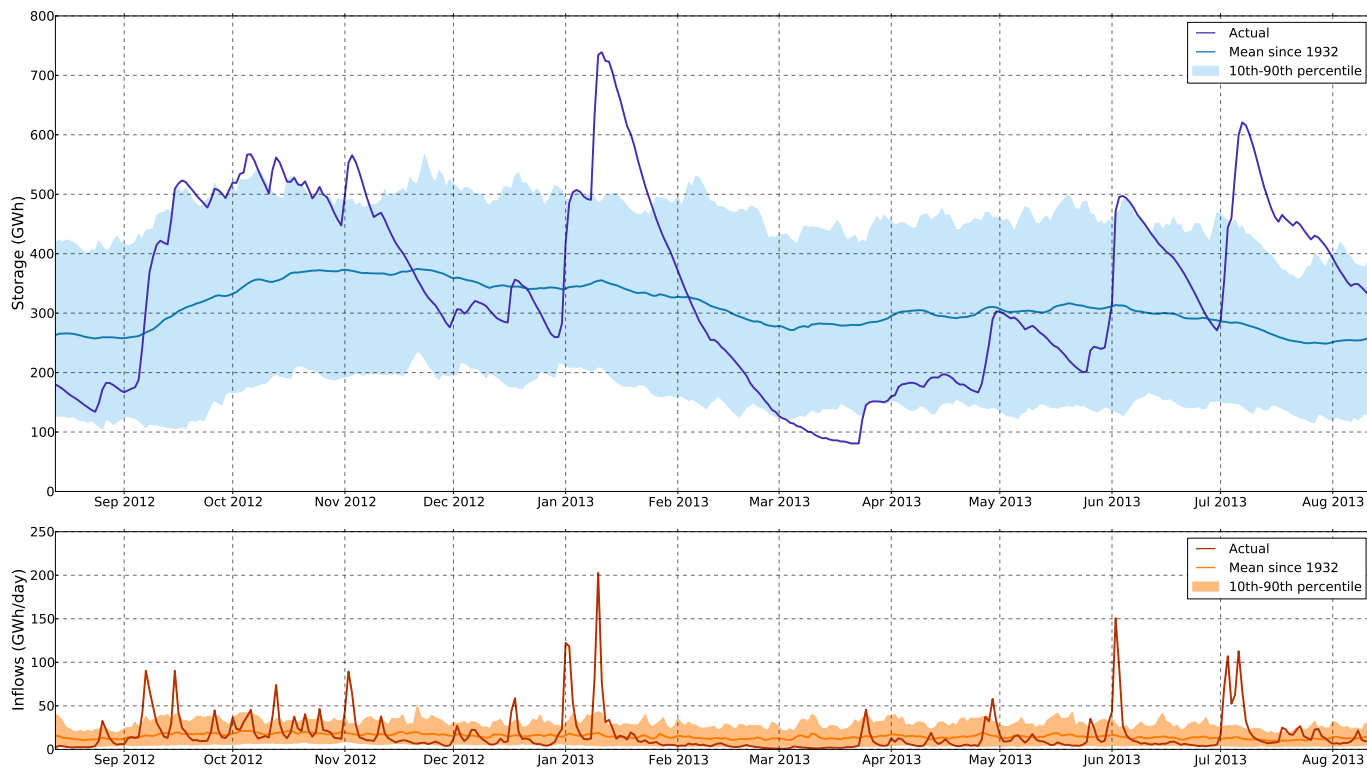
### 1.4 Lake Pukaki total storage and inflows over past year



## 1.5 Lake Hawea total storage and inflows over past year

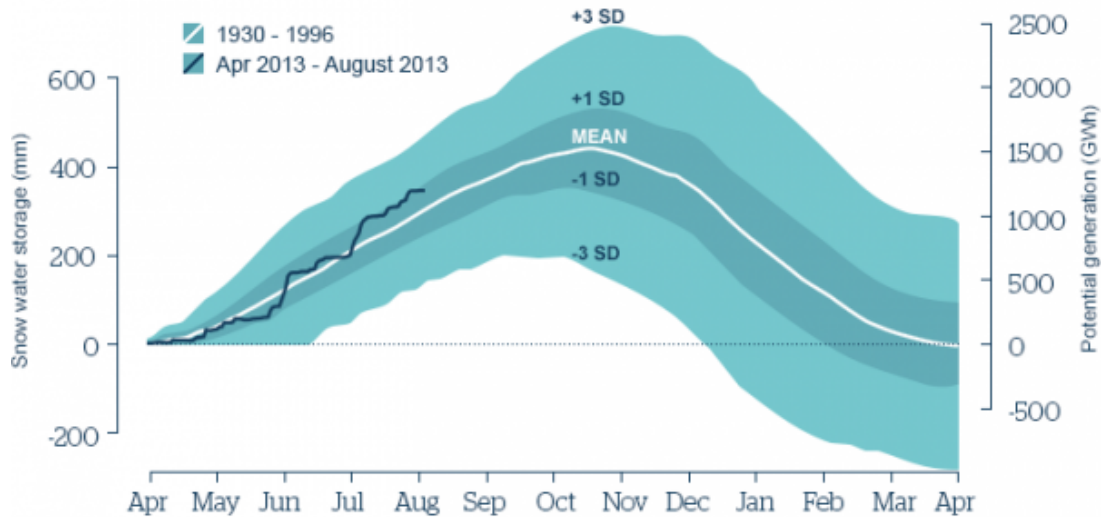


## 1.6 Lake Te Anau and Manapouri total storage and inflows over past year



## 1.7 Snow Storage

Seasonal snow storage in Waitaki Catchment as at 3 August 2013  
Long term (1930-1996) Comparison

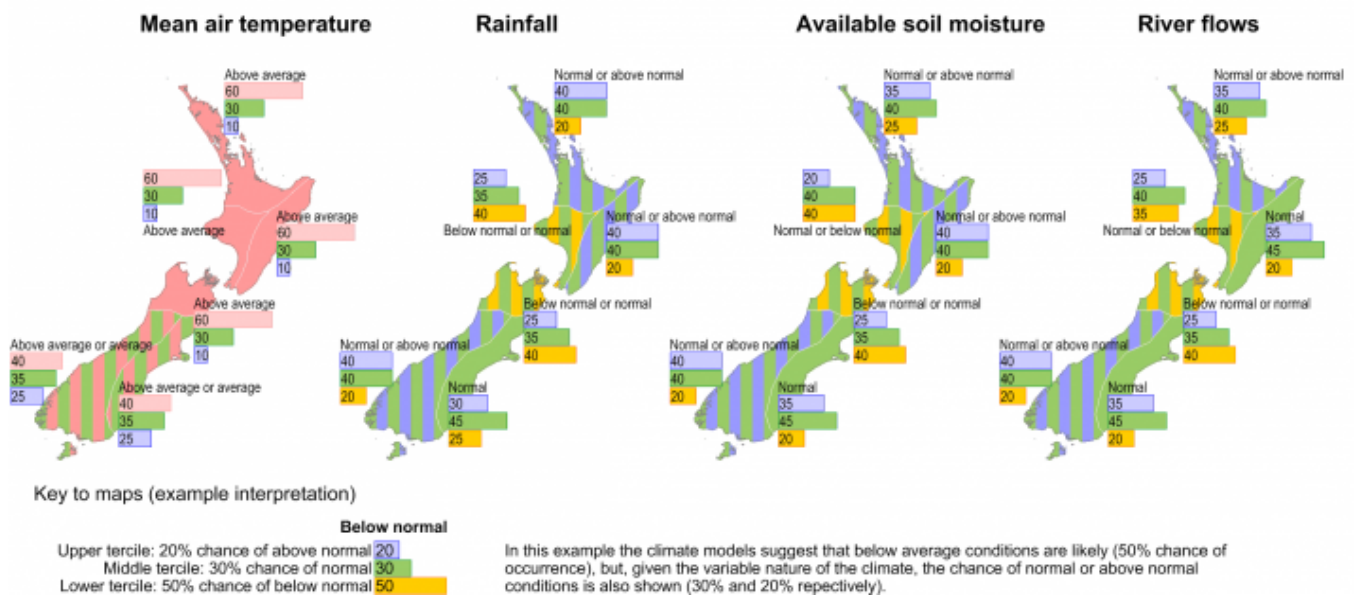


Storage GWh	% of average	Highest ever GWh	Lowest ever GWh	Mean GWh
1209	114	1501	661	1050

Source: <http://www.meridianenergy.co.nz/about-us/generating-energy/lake-levels-and-snow-storage/snow-storage/>

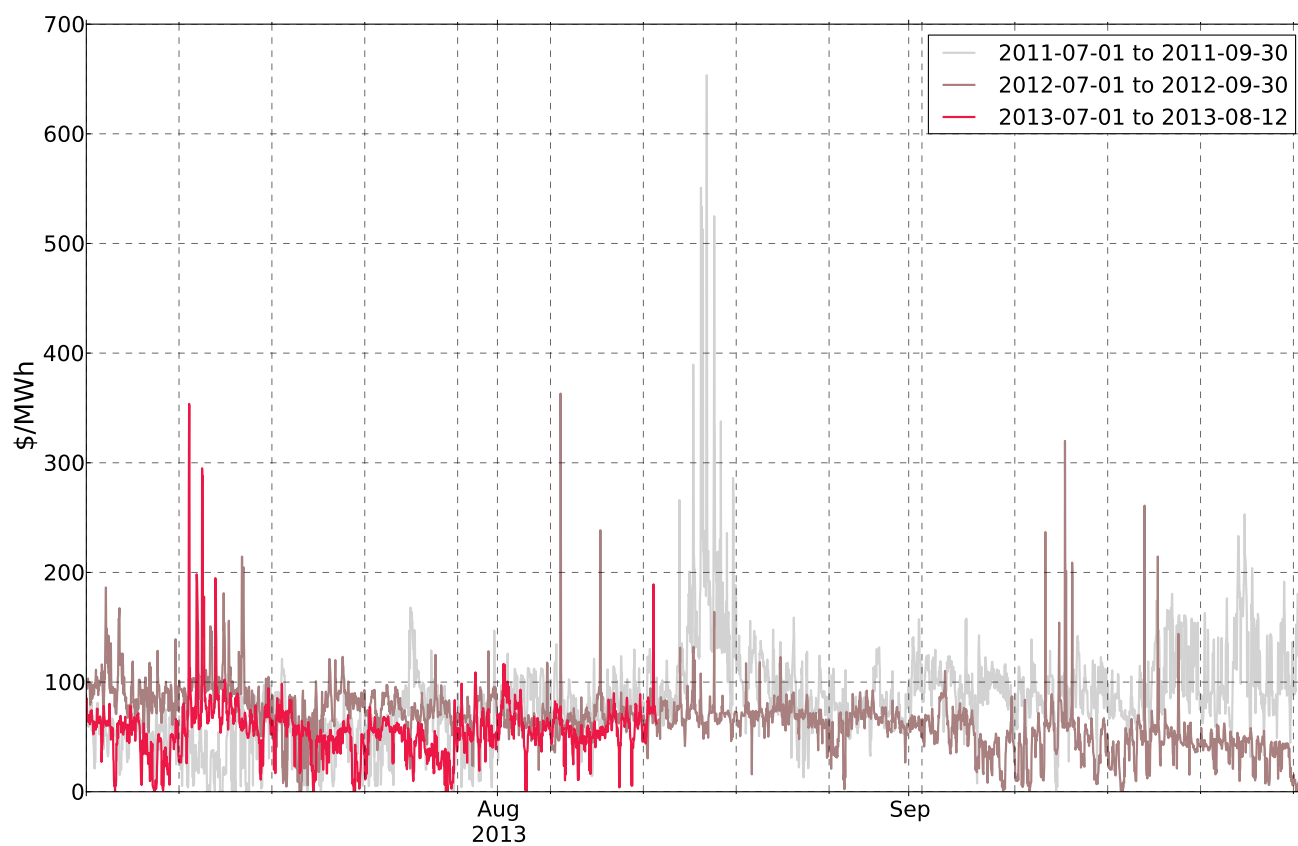
## 1.8 Rainfall outlook

### Outlook for August-October 2013



Source: <http://www.niwa.co.nz//climate/sco/seasonal-climate-outlook-august-october-2013>

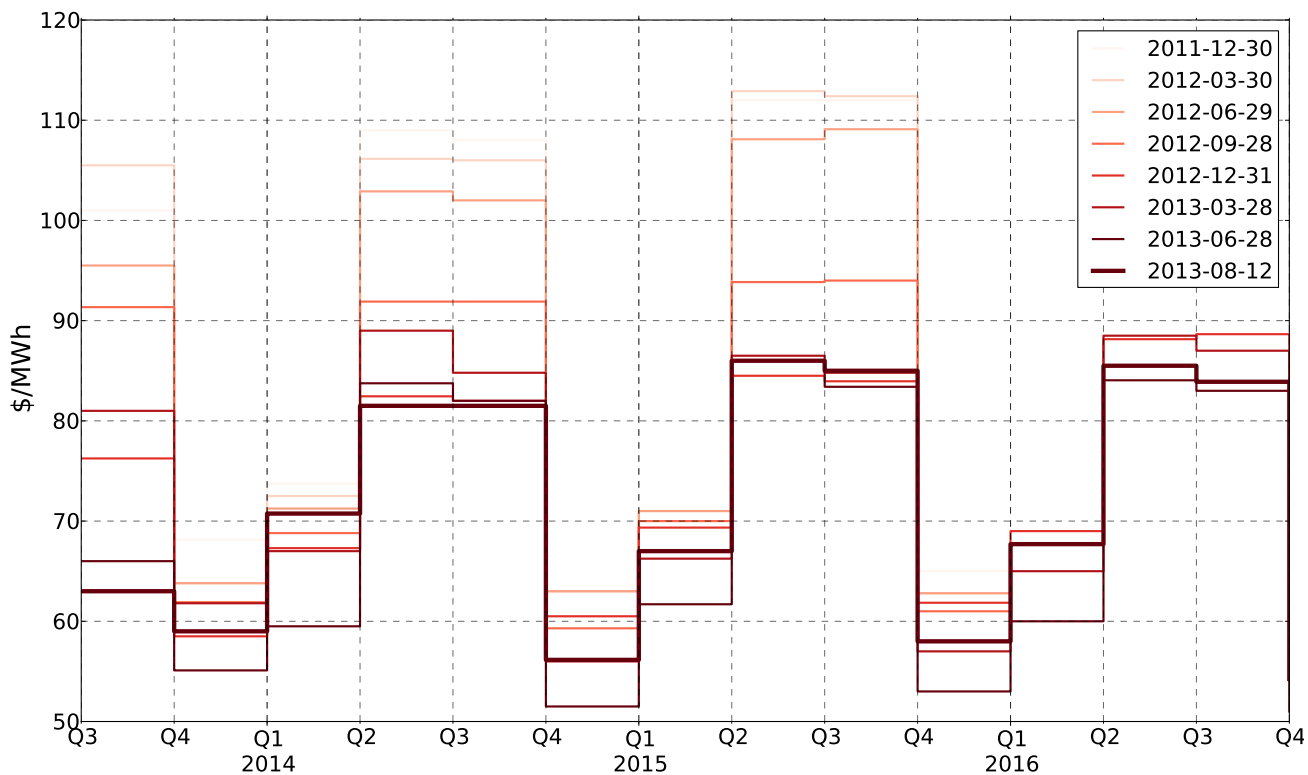
## 2 Three month demand weighted price comparison



Source: Electricity Authority

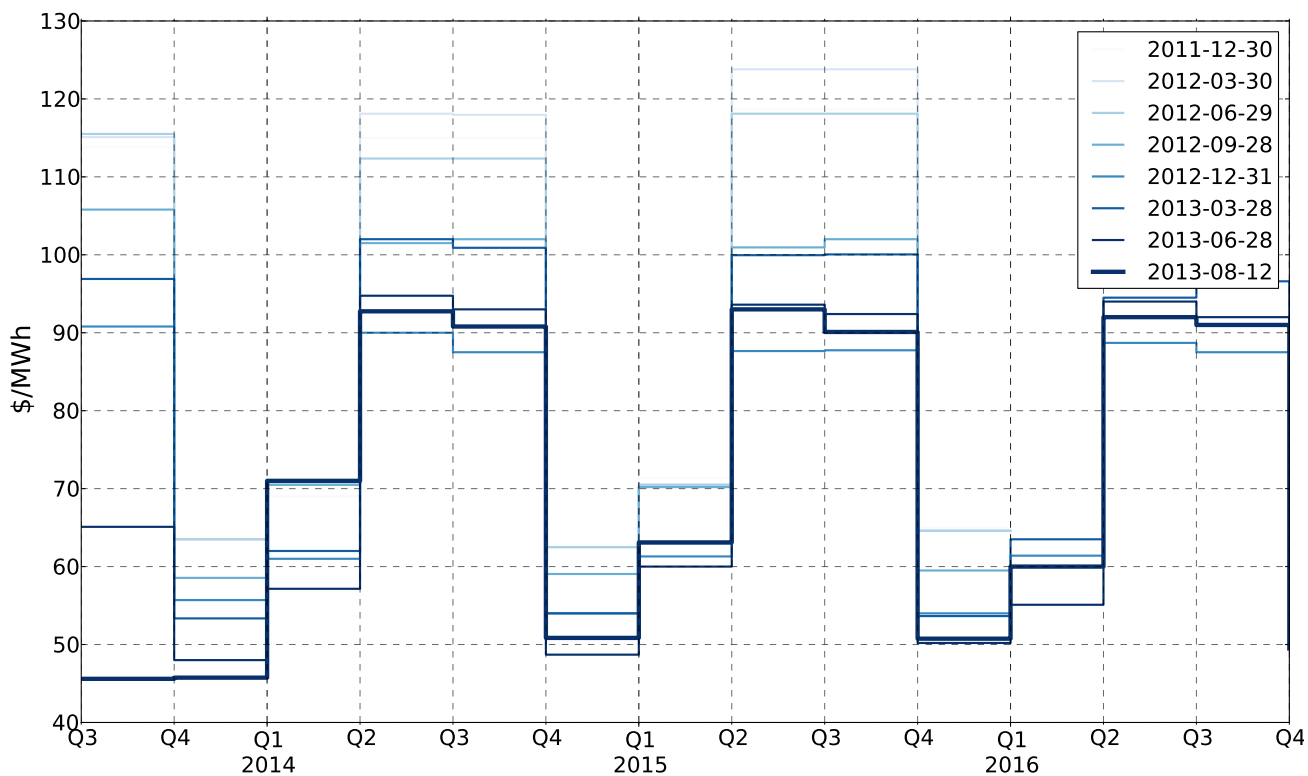
### 3 Hedge Market

#### 3.1 Forward Price Curve – Otahuhu



Source: ASX <http://www.asx.com.au>

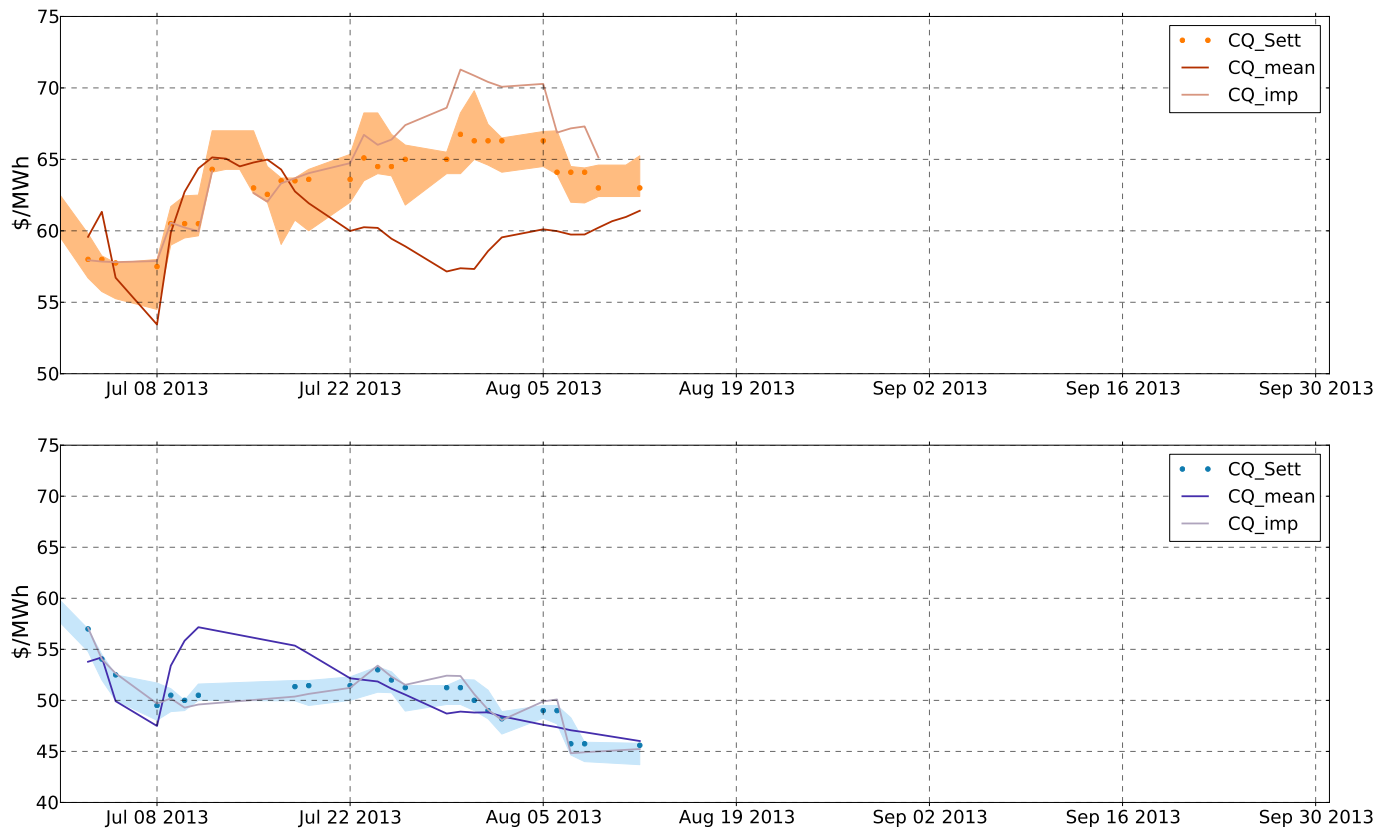
#### 3.2 Forward Price Curve – Benmore



Source: ASX <http://www.asx.com.au>

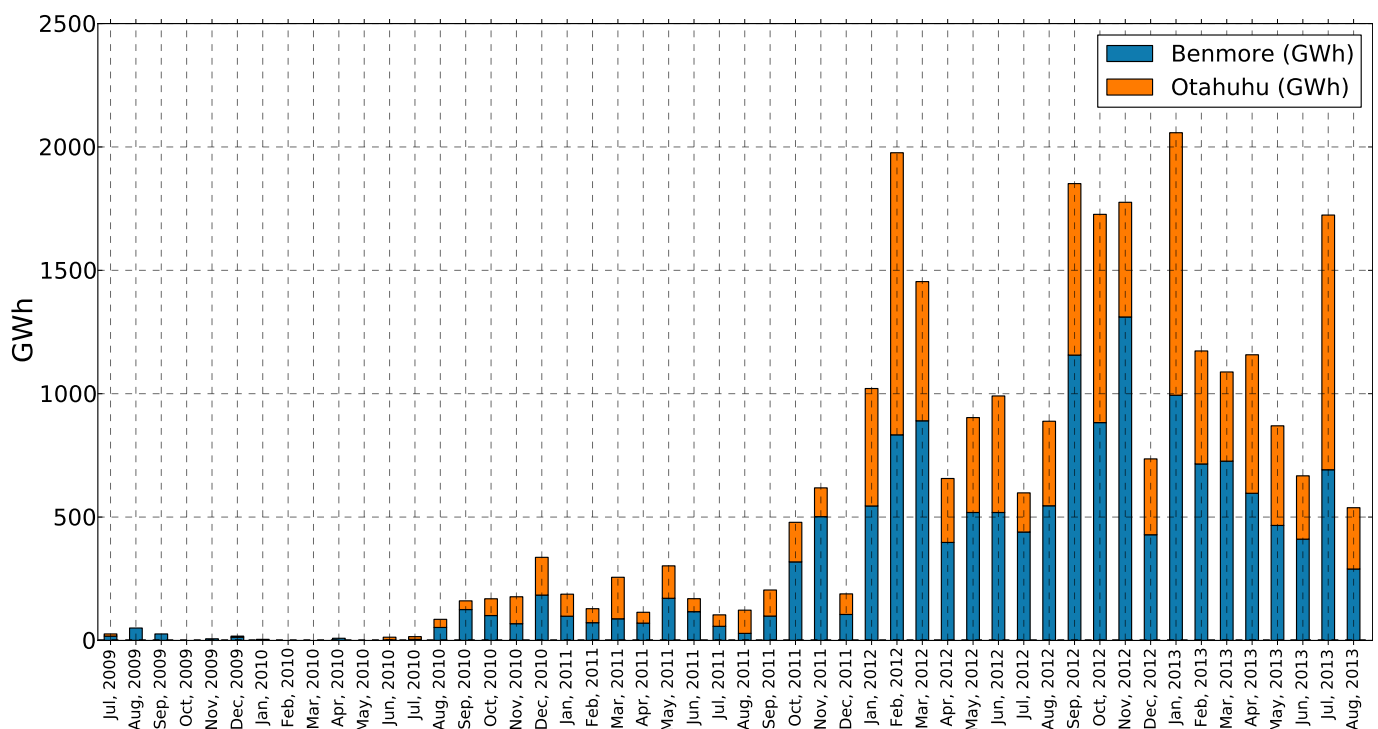


### 3.3 Current quarter trends



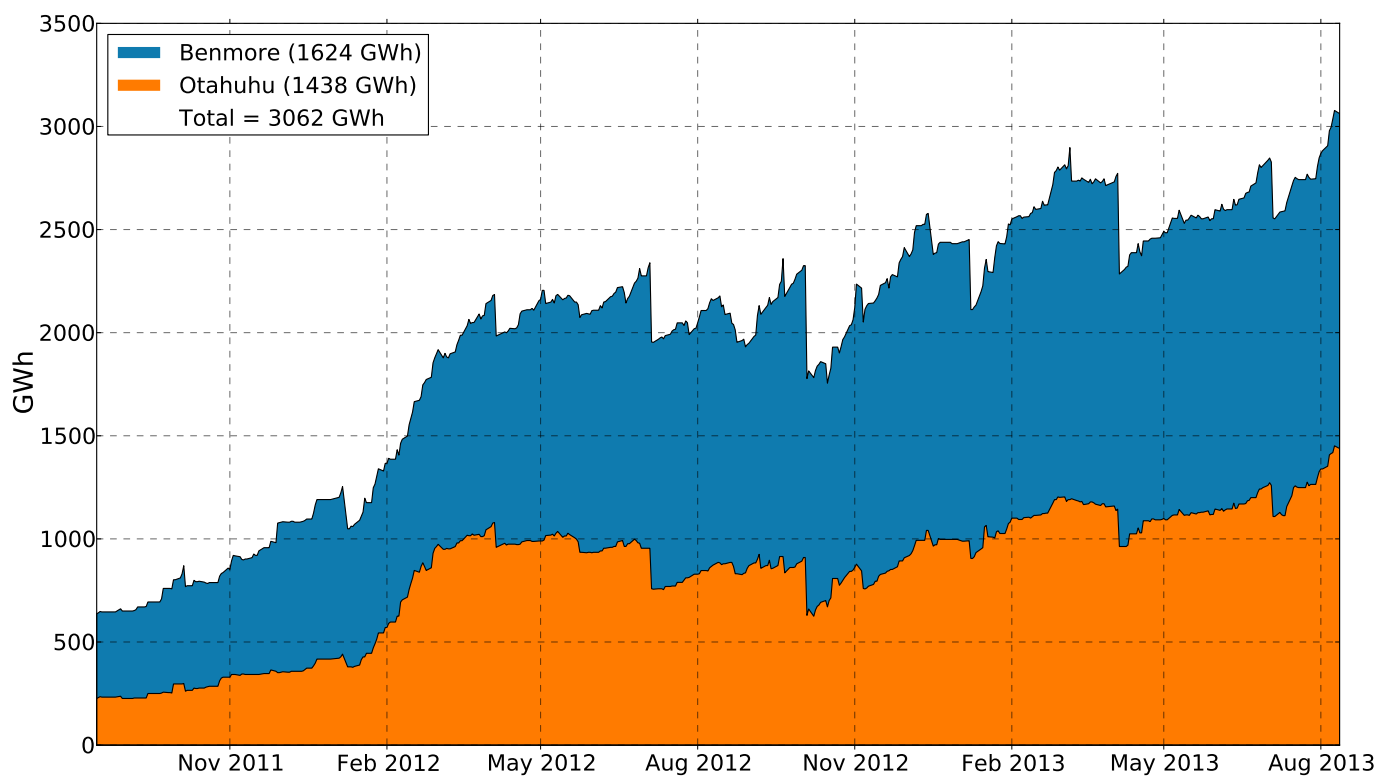
Source: ASX <http://www.asx.com.au>

### 3.4 Monthly Volumes



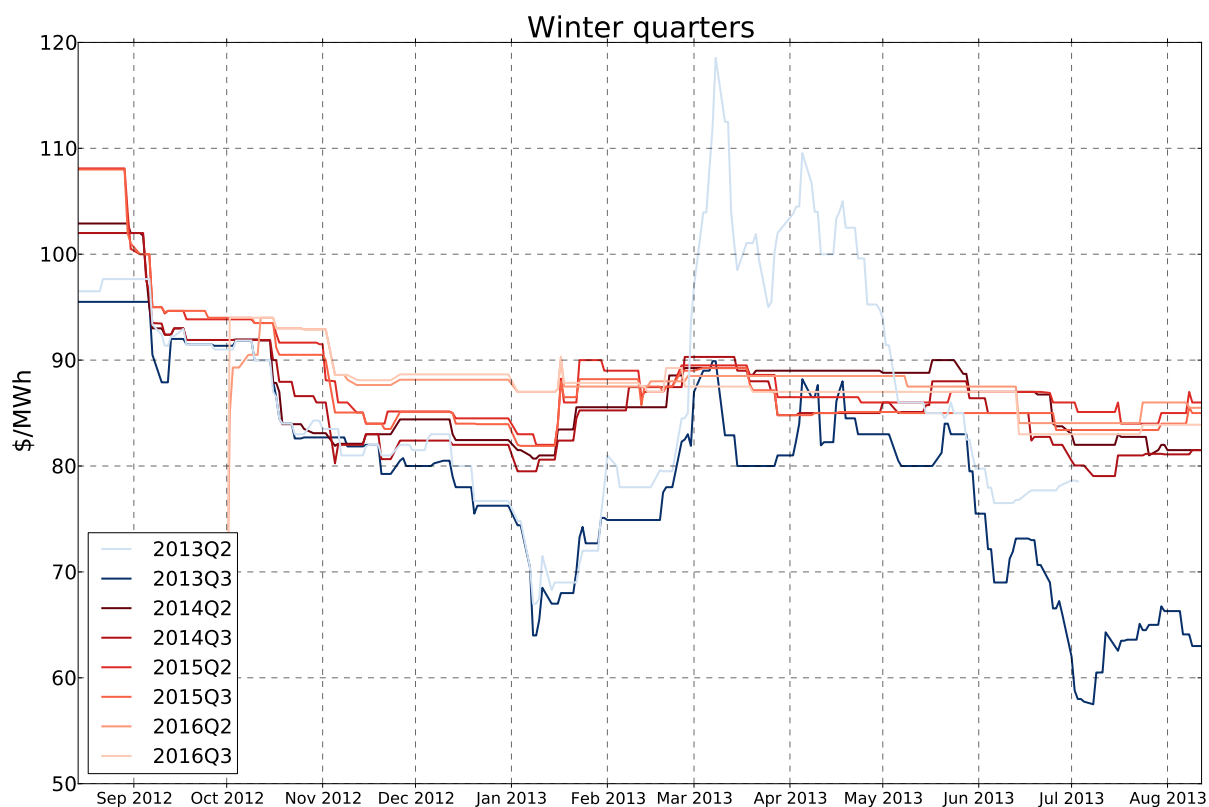
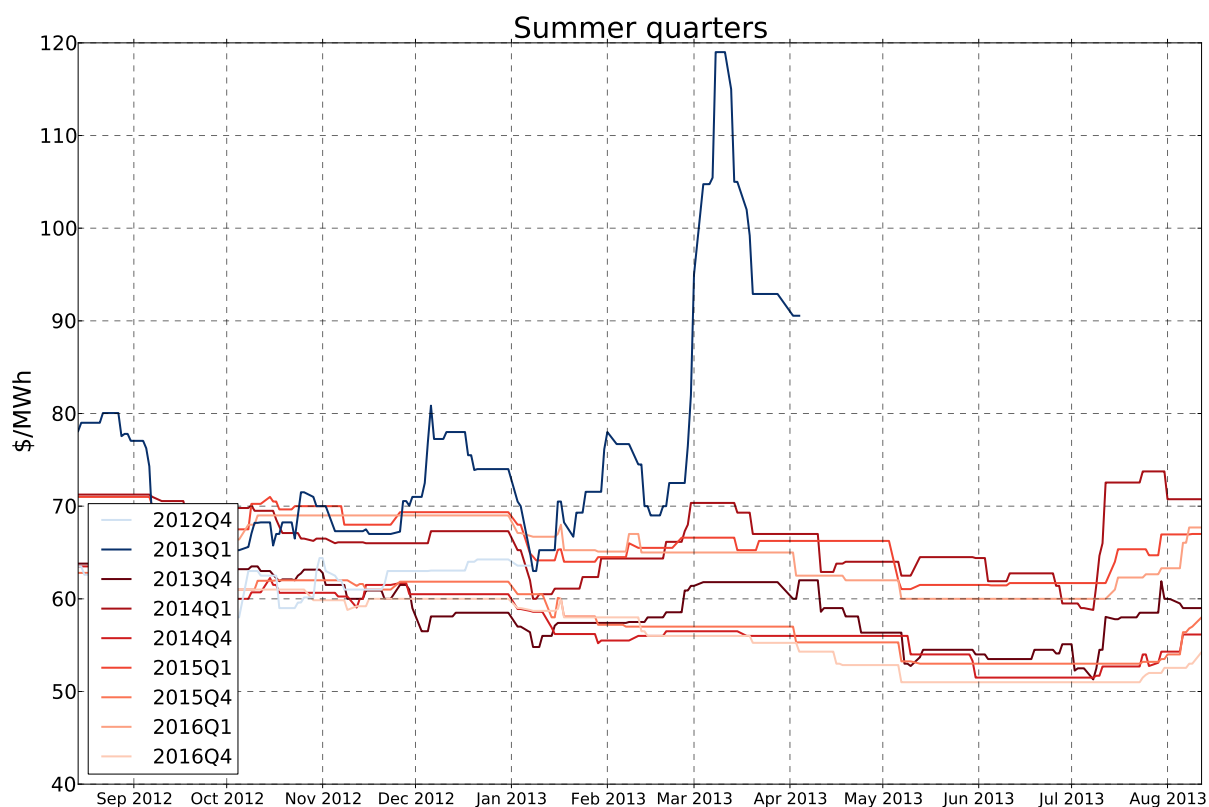
Source: ASX <http://www.asx.com.au>

### 3.5 Open Interest



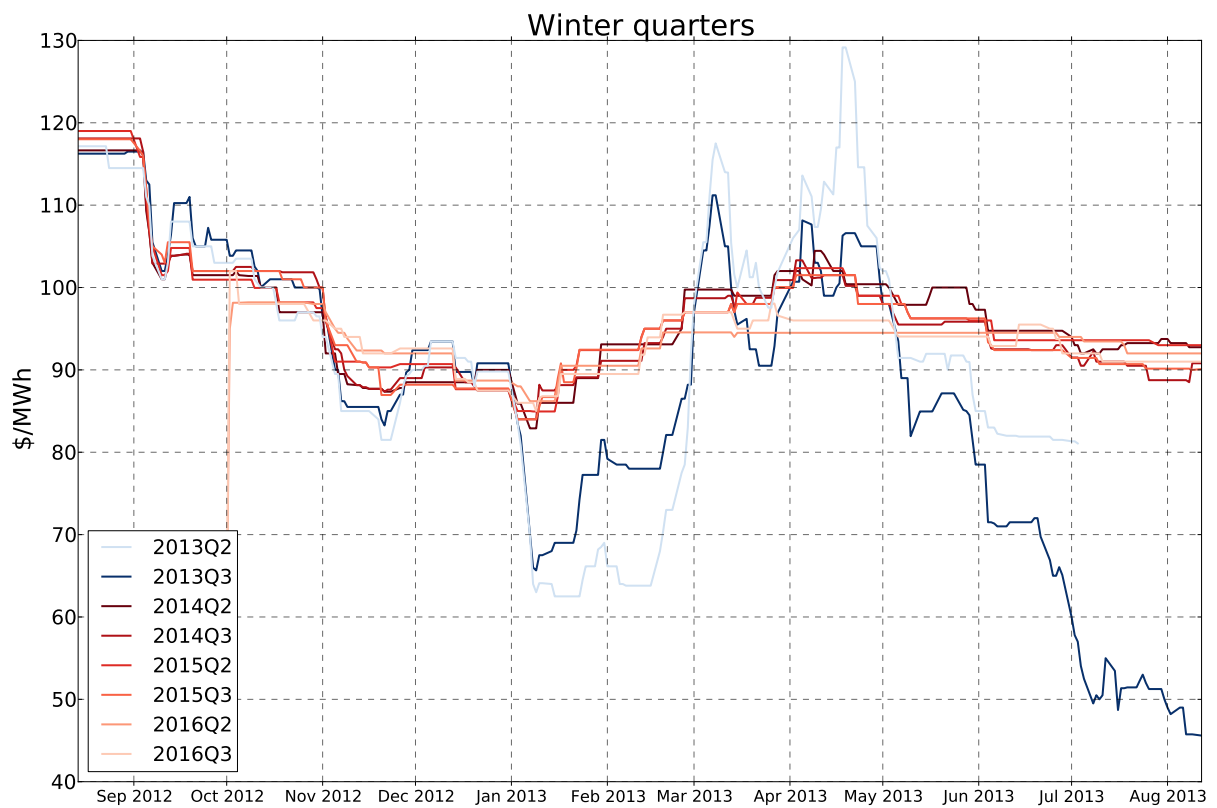
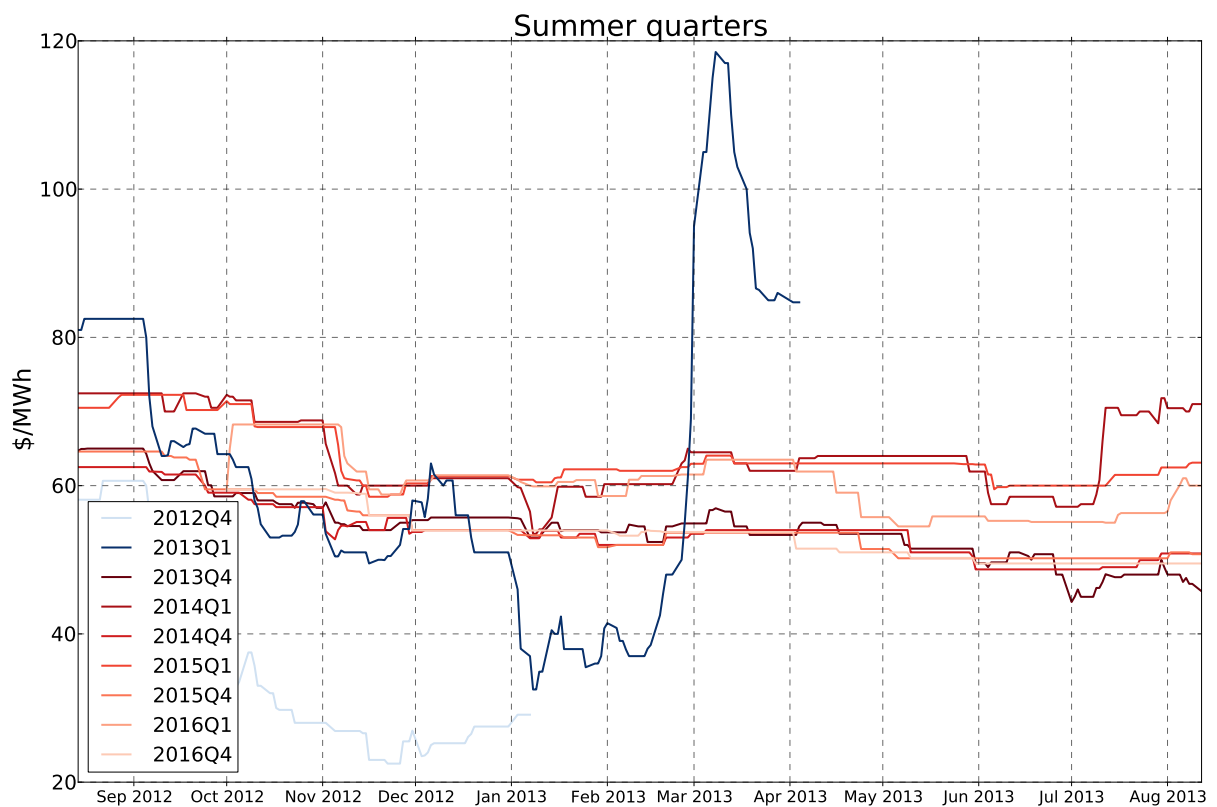
Source: ASX <http://www.asx.com.au>

### 3.6 Trends over last year - Otahuhu



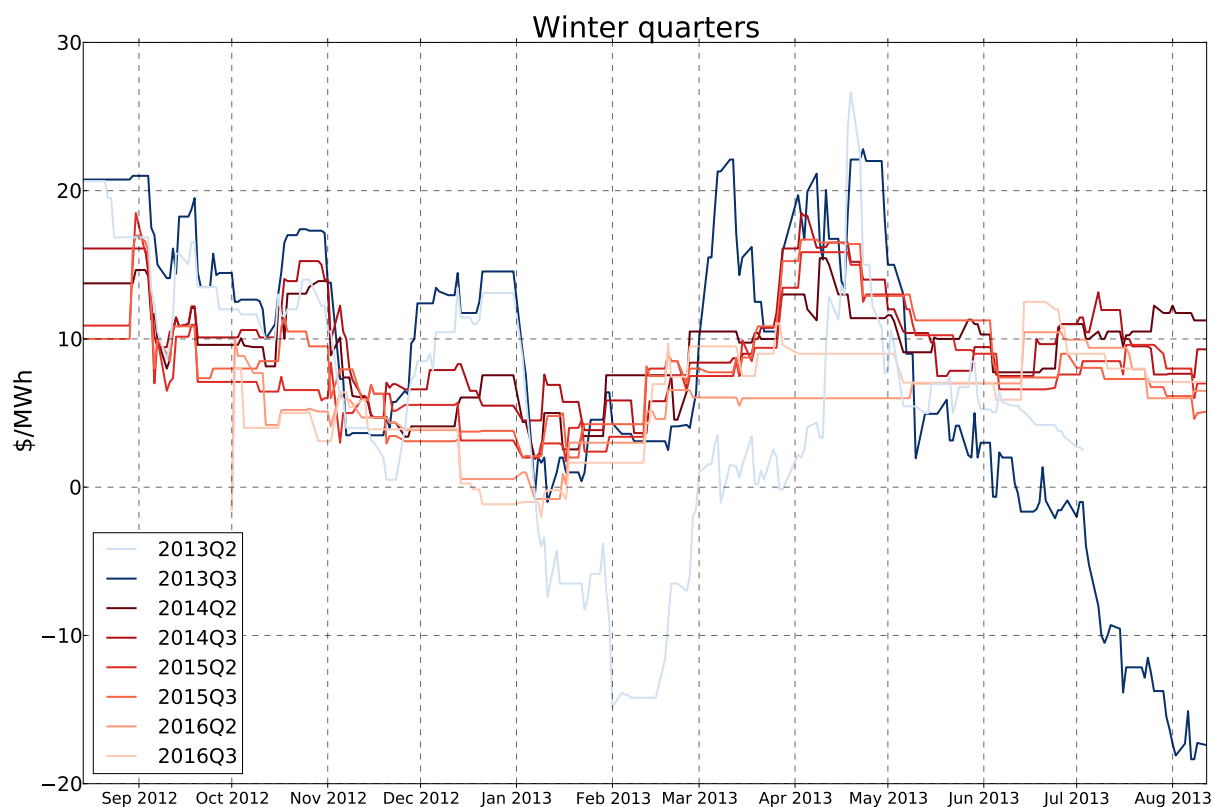
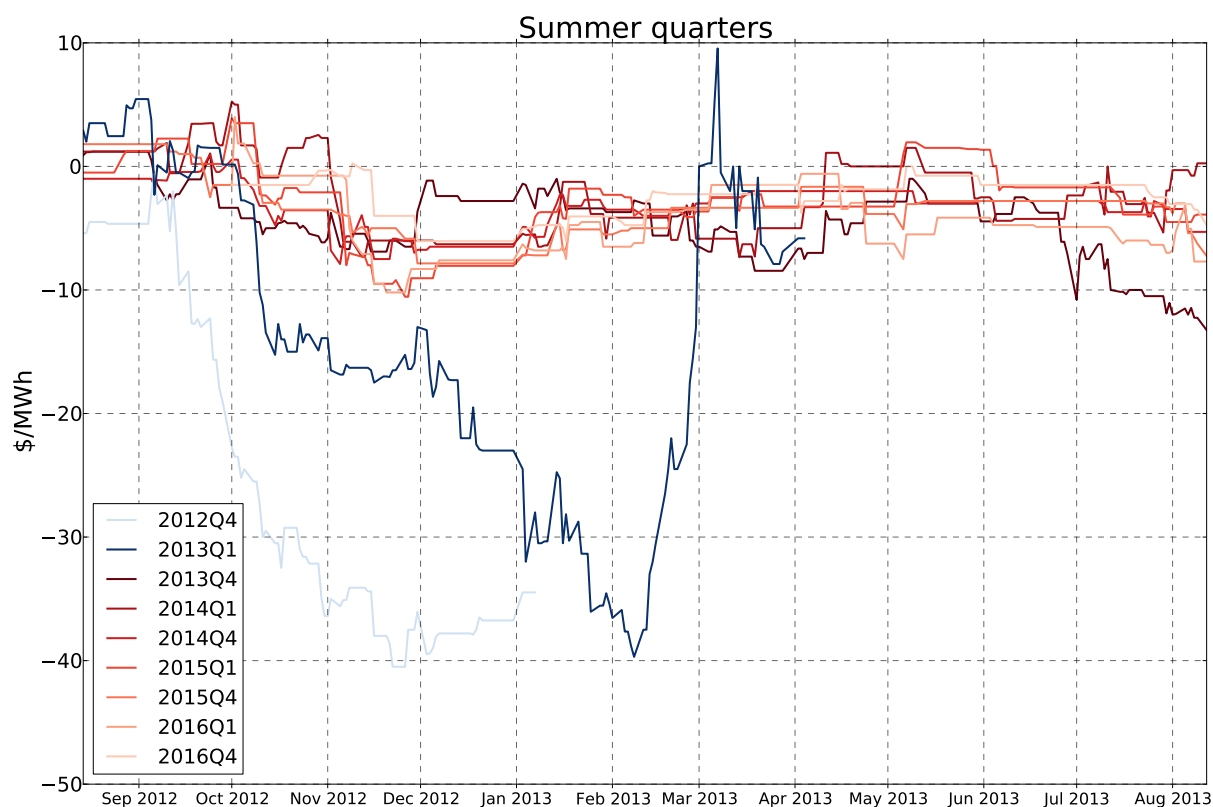
Source: ASX <http://www.asx.com.au>

### 3.7 Trends over last year - Benmore



Source: ASX <http://www.asx.com.au>

### 3.8 Trends over last year - Benmore minus Otahuhu



Source: ASX <http://www.asx.com.au>