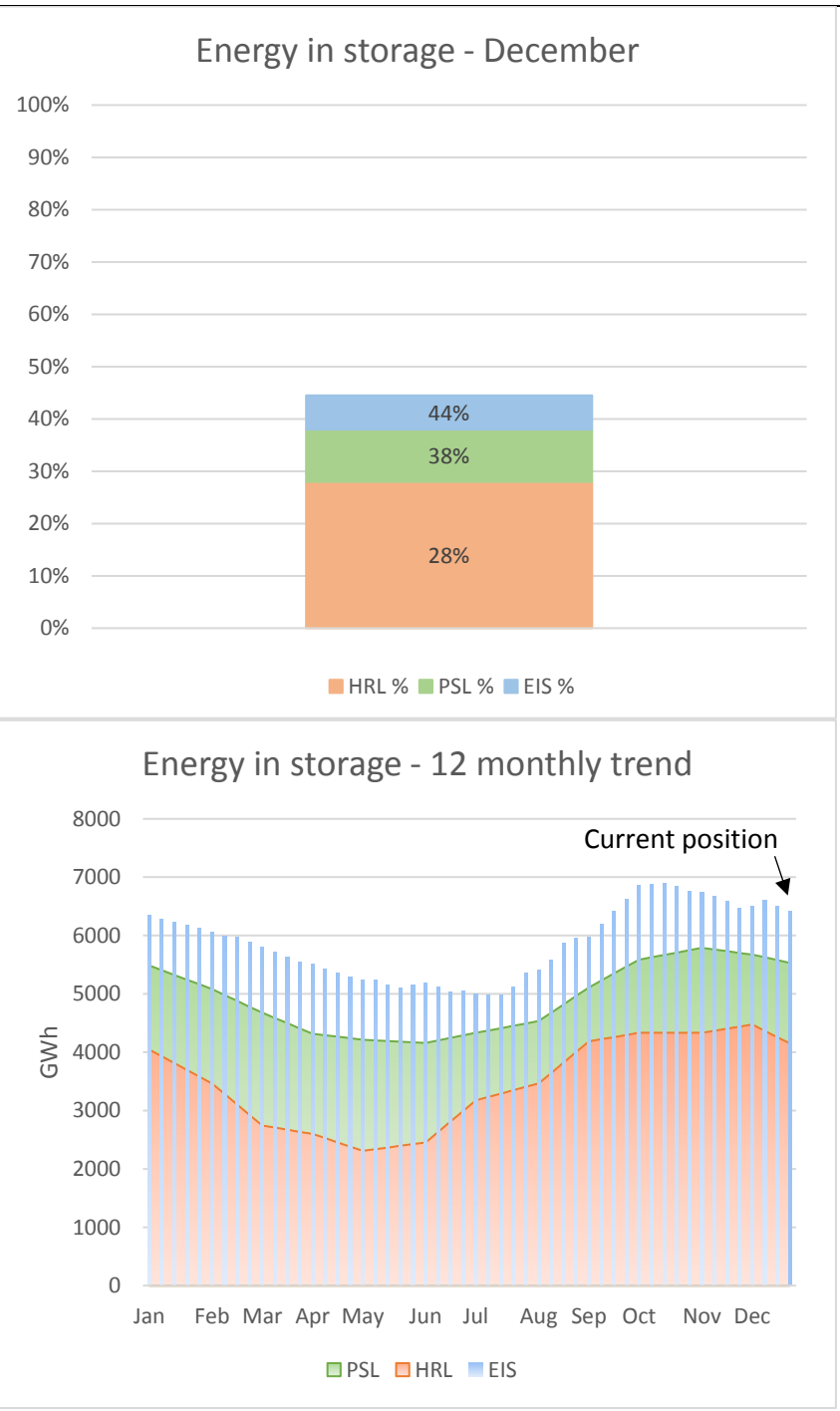


# Tasmanian Energy Security Monthly Dashboard - January 2018

Report addresses energy security status as of December 2017

**Energy in storage - December**



Energy in storage as at end of December:  
44.5%, equivalent to 7.1 months average demand<sup>1</sup>

No current energy security concerns

Energy in storage is above Prudent Storage Level

Commercial operation of Hydro Tasmania generation

Legend  
HRL = High Reliability Level (reserve energy supply threshold, sufficient to supply Tasmanian demand for six months under extreme operating conditions)  
PSL = Prudent Storage Level (additional storage to reduce the likelihood of entering the HRL under normal operating conditions)  
EIS = Energy In Storage (relates to the volume of water in Hydro Tasmania's dams)

<sup>1</sup>Average monthly demand is 900 GWh. Demand in summer months is generally below average. Demand in winter months is generally above average.

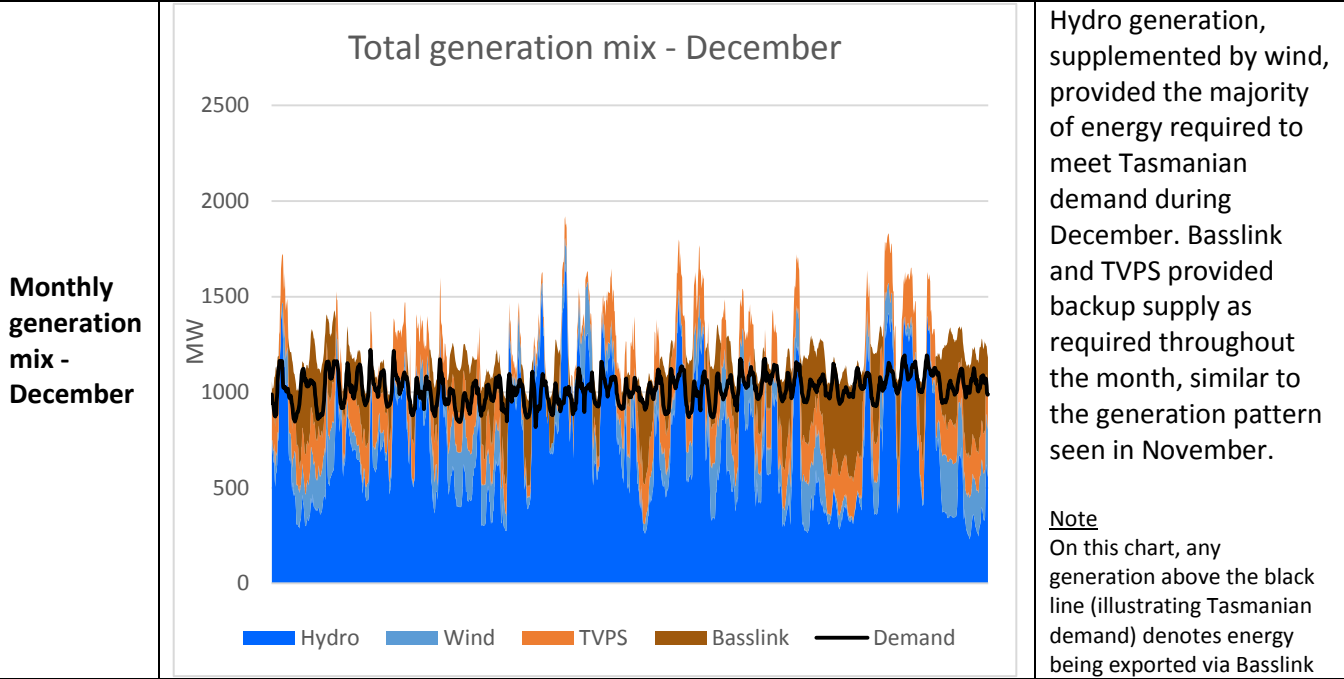
**Energy security forecast**

Based on information provided by Hydro Tasmania, the Monitor and Assessor estimates that it is highly probable Tasmanian hydro storages will remain above the High Reliability Level over the next 90 days, assuming average conditions.

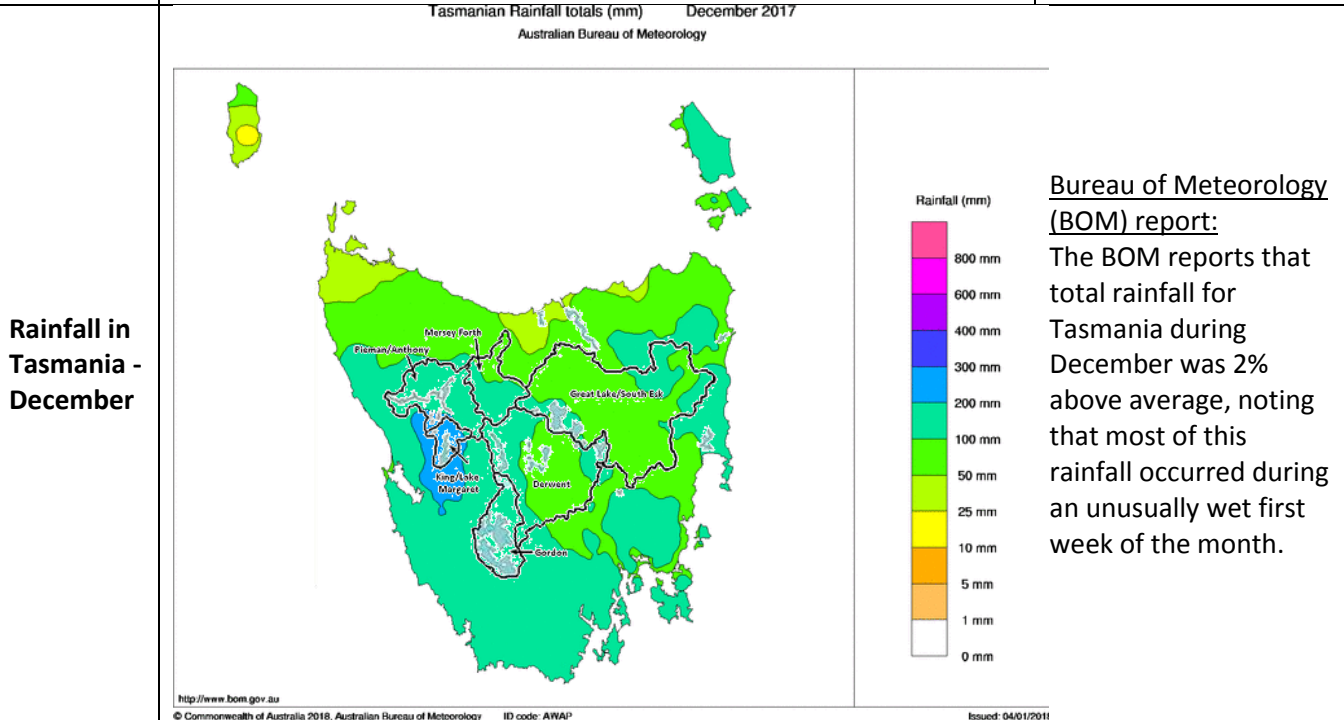
Hydro Tasmania reports that storages remain above the High Reliability Level over the next 90 days in all of its simulated inflow sequences.

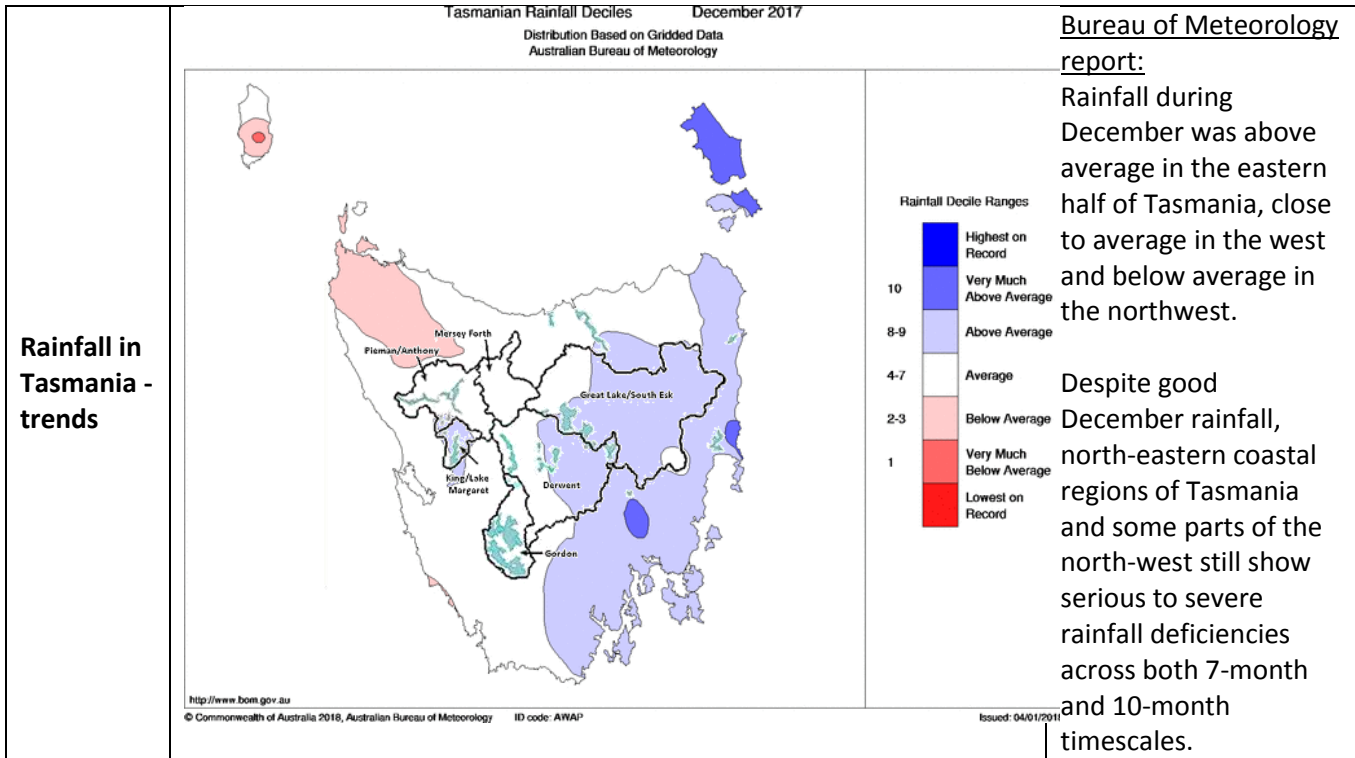
**Basslink**      Basslink interconnector status: Operational      Basslink import during December: 139.7 GWh

**TVPS**      Tamar Valley Power Station (TVPS) status: Operational      TVPS generation during December: 146.5 GWh



<b>Key statistics - December</b>	Average energy in storage	6 508.6 GWh
	<i>Previous month</i>	6 616.3 GWh
	<i>Monthly change</i>	↓ 107.7 GWh
	Total inflow to Hydro Tasmania storages	394.0 GWh
	Tasmanian demand	860.4 GWh
	Hydro generation	529.0 GWh
	Wind generation	103.7 GWh
	Gas generation (TVPS)	146.5 GWh
	Basslink import	139.7 GWh
	<i>Basslink export</i>	58.5 GWh
Total energy supply	918.9 GWh	



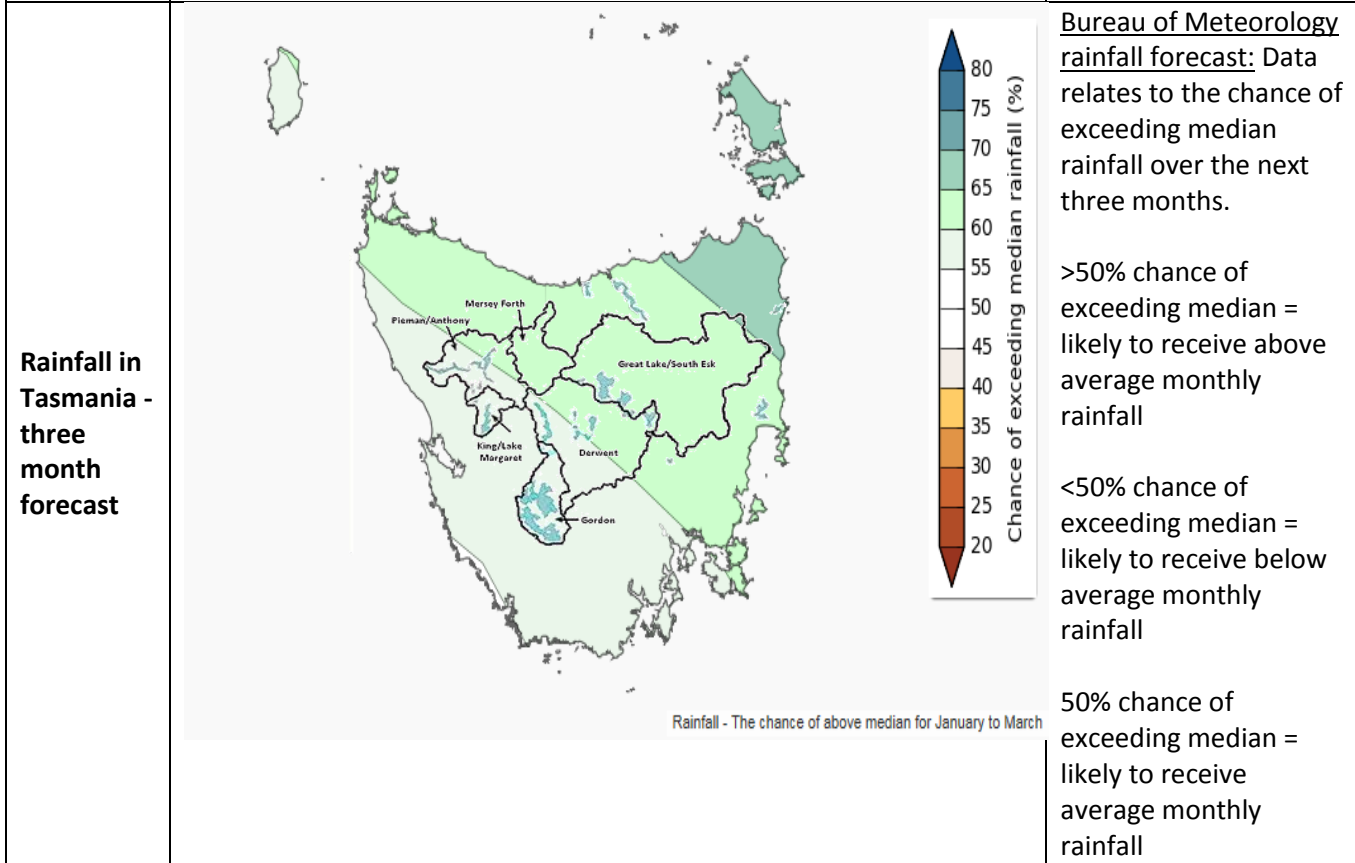


**Bureau of Meteorology report:**

Rainfall during December was above average in the eastern half of Tasmania, close to average in the west and below average in the northwest.

Despite good December rainfall, north-eastern coastal regions of Tasmania and some parts of the north-west still show serious to severe rainfall deficiencies across both 7-month and 10-month timescales.

**Rainfall in Tasmania - trends**



**Bureau of Meteorology rainfall forecast:**

Data relates to the chance of exceeding median rainfall over the next three months.

>50% chance of exceeding median = likely to receive above average monthly rainfall

<50% chance of exceeding median = likely to receive below average monthly rainfall

50% chance of exceeding median = likely to receive average monthly rainfall

This Tasmanian Economic Regulator (TER) publishes these monthly dashboards in its role as Tasmanian Energy Security Monitor and Assessor. The TER welcomes any comments or suggestions as to how it might develop this publication in future to make it more valuable to readers.

Please provide feedback by email to [office@economicregulator.tas.gov.au](mailto:office@economicregulator.tas.gov.au) with the topic line 'Monitor and Assessor Monthly Dashboard'.

*Disclaimer: This report has been prepared in good faith using information sourced from NEM Review™ and the Australian Bureau of Meteorology, with additional data provided by Hydro Tasmania. The Office of the Tasmanian Economic Regulator assumes no liability as to the reliability and accuracy of the information provided.*