IREC Business and Technology Forum Snowy Hydro Update

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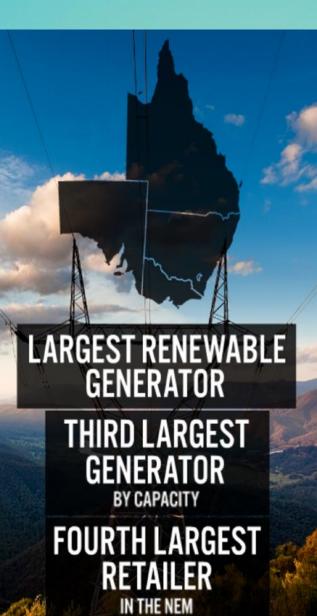


Agenda



- Snowy Hydro Overview
- The Snowy Scheme and Water for Irrigation
- Inflow, Storage and Release Forecasts

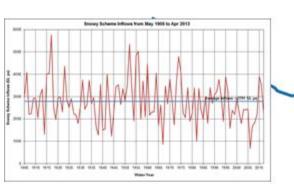






Variable inflows into reliable releases

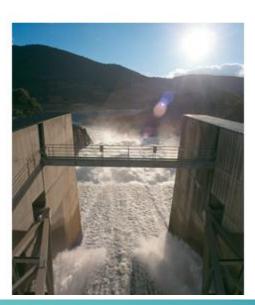












Electricity vs. Water









WATER

Longer term (2 year) security requirements



ELECTRICITY

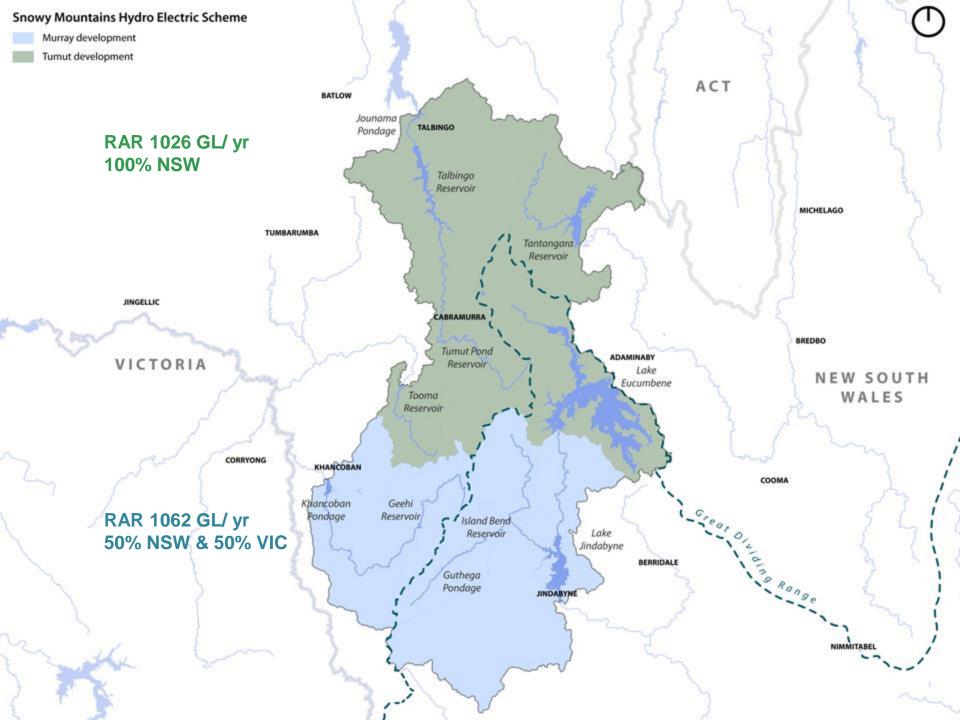
Short term (5 minute) flexibility of timing of release

SNOWY WATER LICENCE

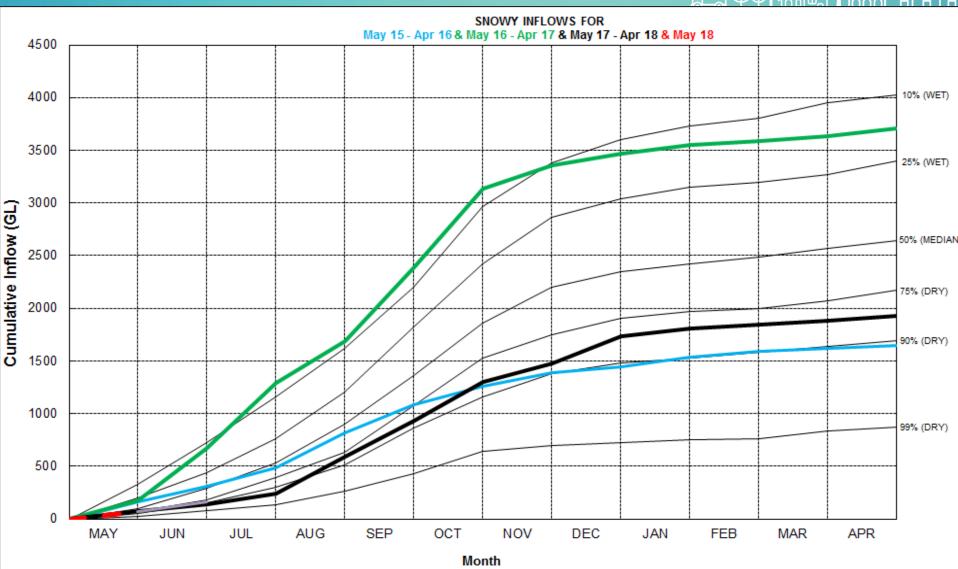
Short term flexibility of timing of releases within years and some flexibility across years.

Longer term security through Required Annual Releases. Water regulation services paid for by electricity customers, free water to users. Spill avoidance rules

Additionally, it imposes obligations to make releases for the Govt' environmental flows program (Snowy & Montane Rivers)

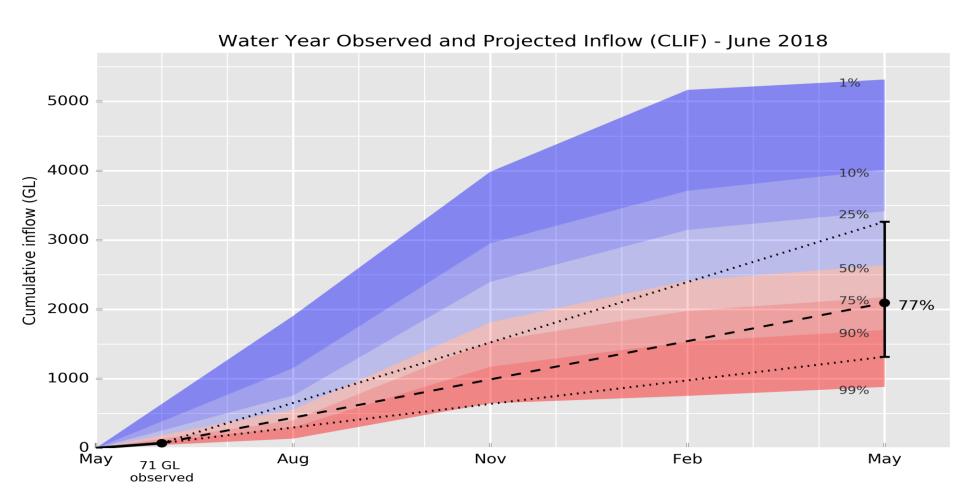


How Much Water Did We Receive (Cumulatively)?



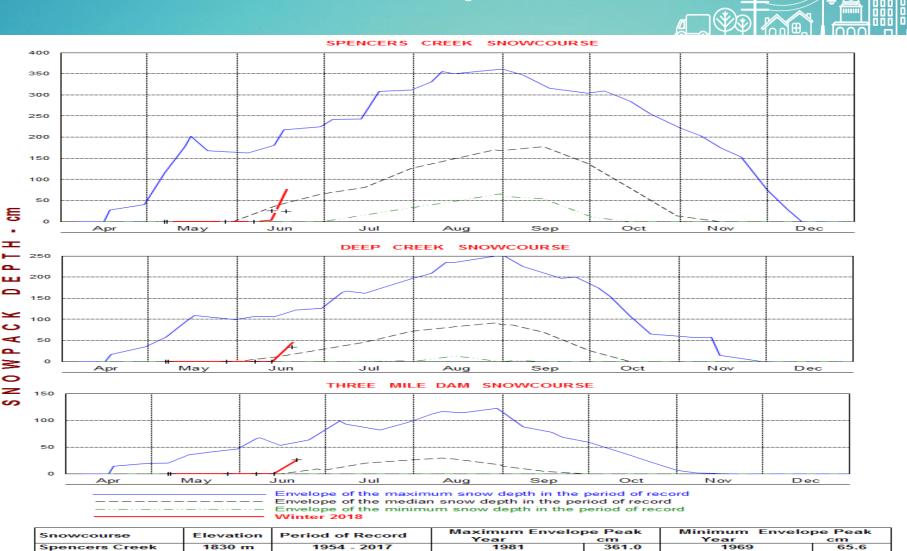
Seasonal Inflow Forecast





Graph notes:
Coloured bands are the historical POEs.
Solid black line is the observed inflow.
Dashed black lines are the Climate-informed Inflow forecast (CLIF) with 10% and 90% POE error bars.

Winter 2018 Snow Depth Chart



9k 1620 m 1957 1460 m 1955 SNOWY HYDRO LIMITED

Deep Creek

Three Mile Dam

Water Resources Division

252.0

122.4

1973

1955

26 Jun 2018

12.7

0.0

1981

1956

1957 - 2017

1955 - 2017

Above & Below Target



TOTAL SCHEME STORAGE (5,300 GL)

