

# Access Arrangement Roundtable

Victorian Gas Planning Report  
*Jessie Yeung*

# Agenda

1. Peak day outlook
2. DTS augmentations and capacity
3. South West Pipeline constraint

# 2021 Victorian Gas Planning Report

Declining  
production  
capacity

Monthly and  
daily capacities  
impacted

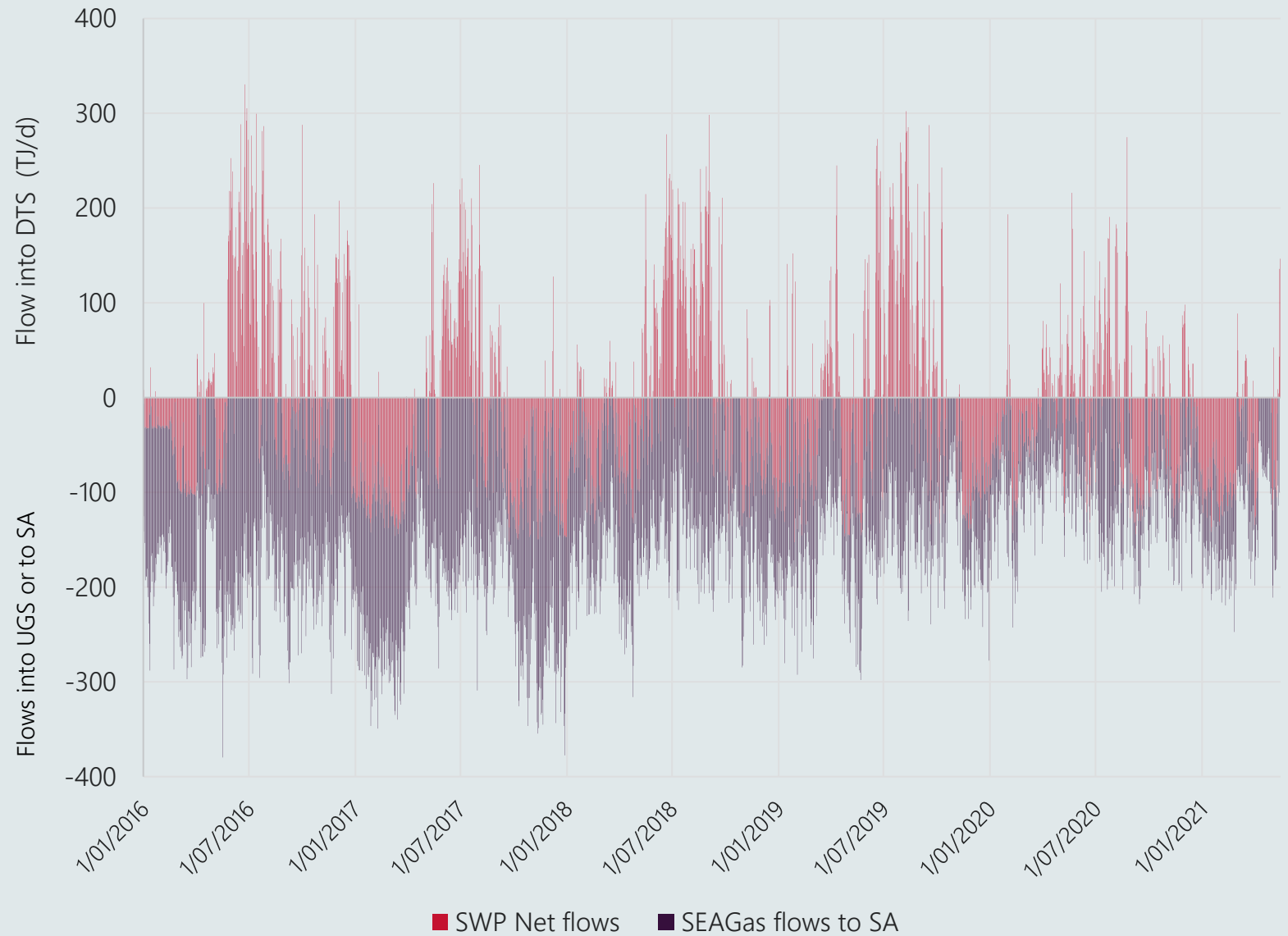
Introduction of  
the NSW  
supply zone

Potential peak  
day shortfalls  
from 2023

Declining  
system  
resilience

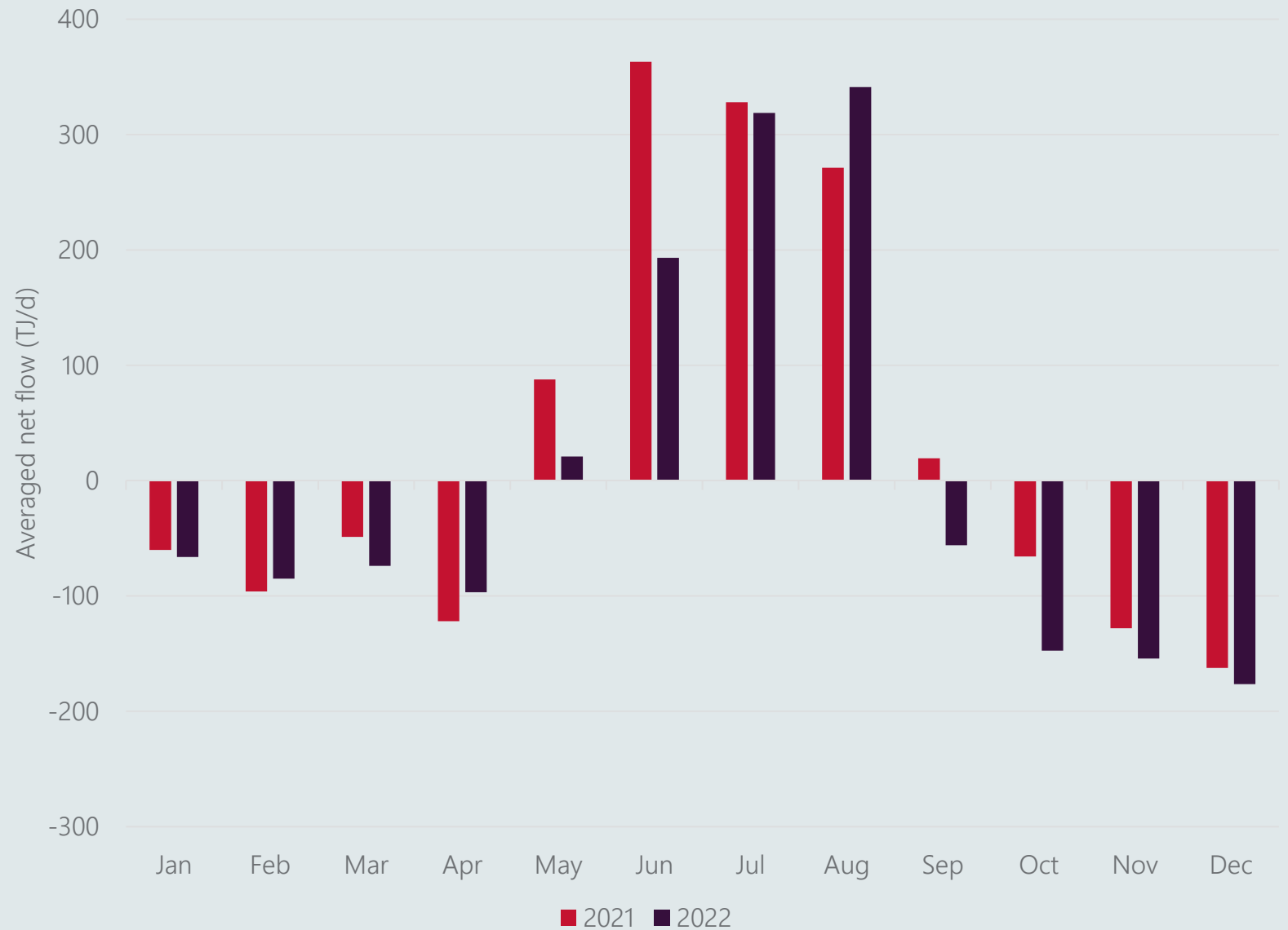
# Port Campbell historical flows

Obtained from Gas Bulletin Board



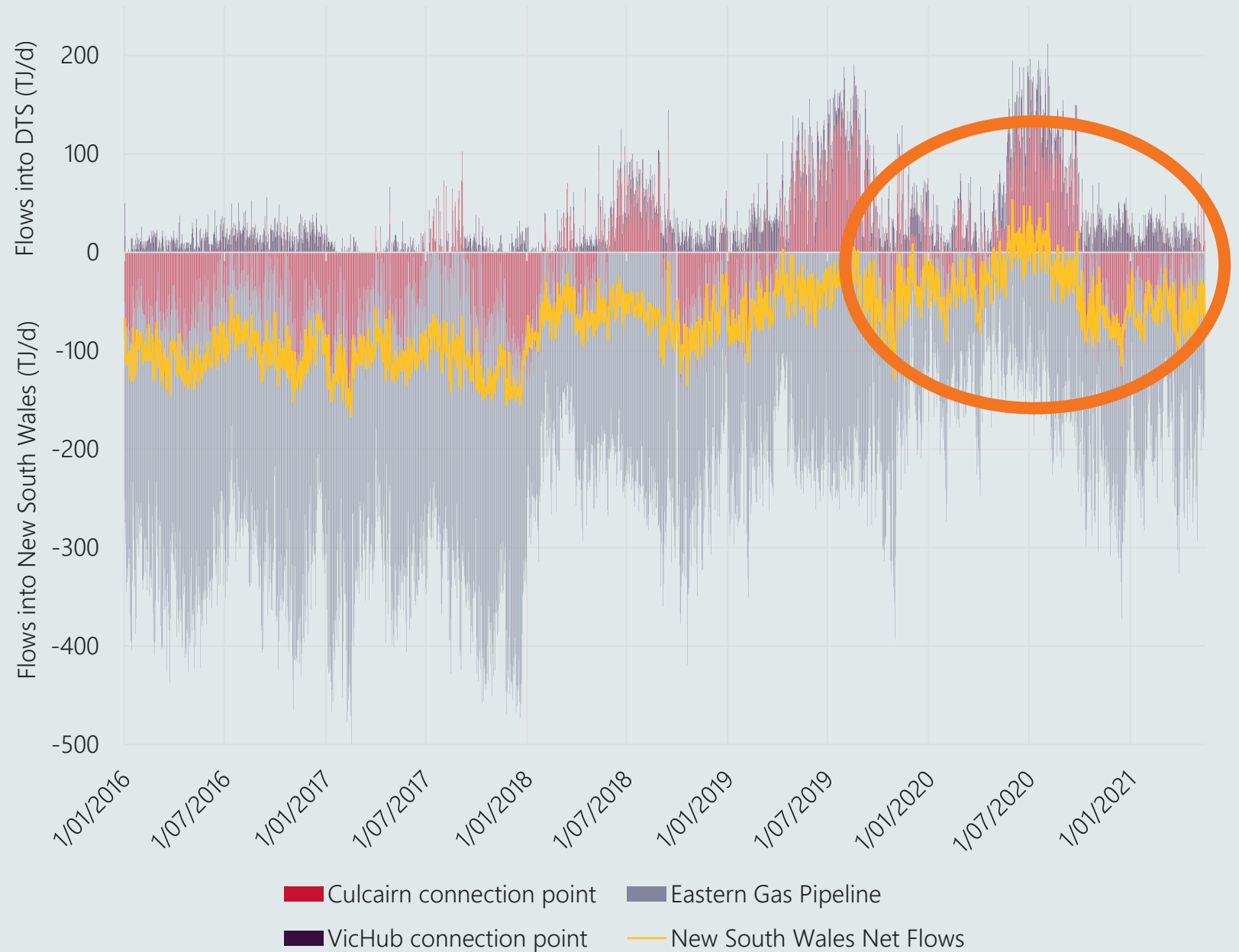
# South West Pipeline forecast flows

Based on participant  
submissions



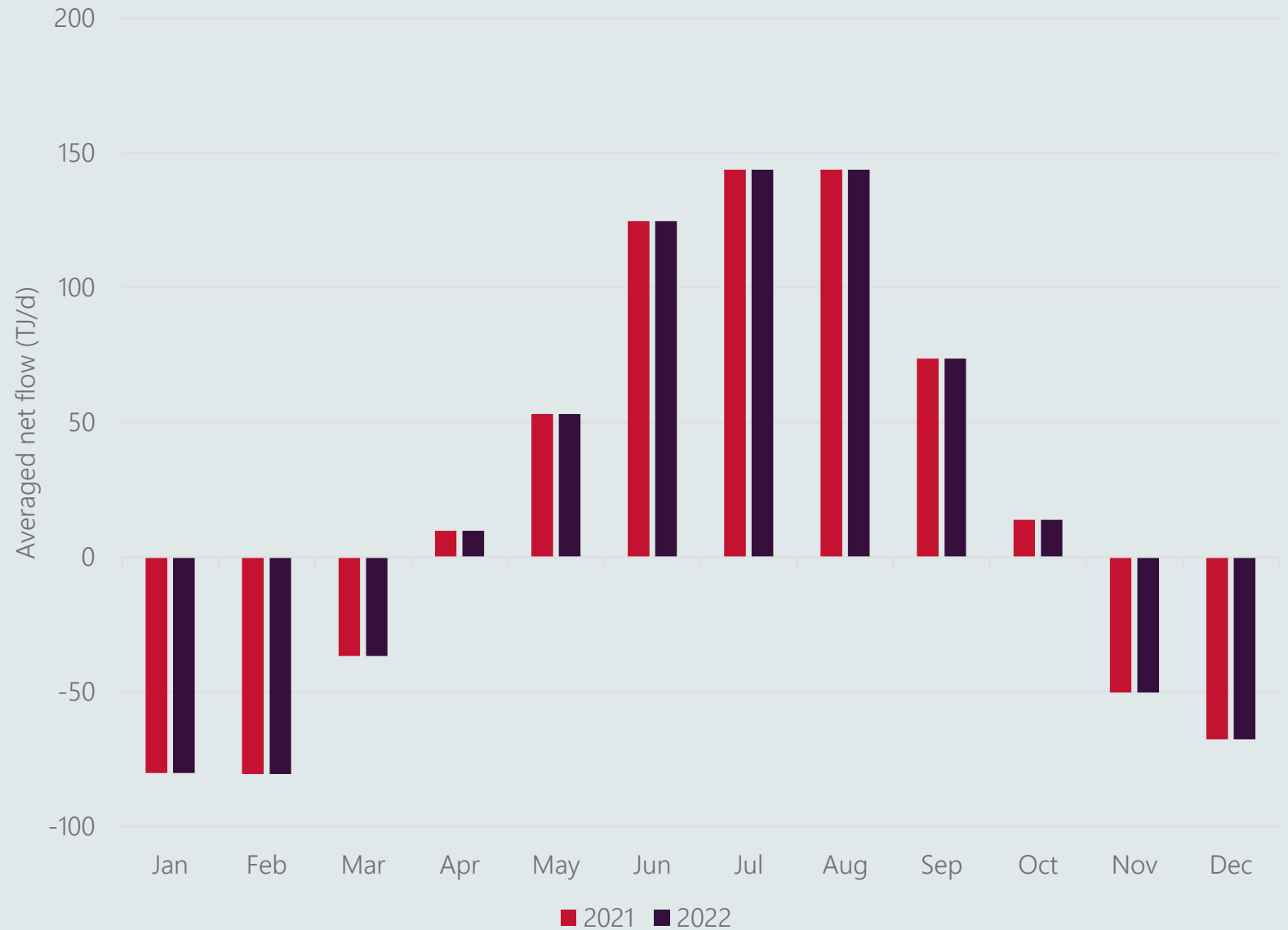
# NSW historical flows

- Net exports from Victoria into NSW
- Obtained from Gas Bulletin Board



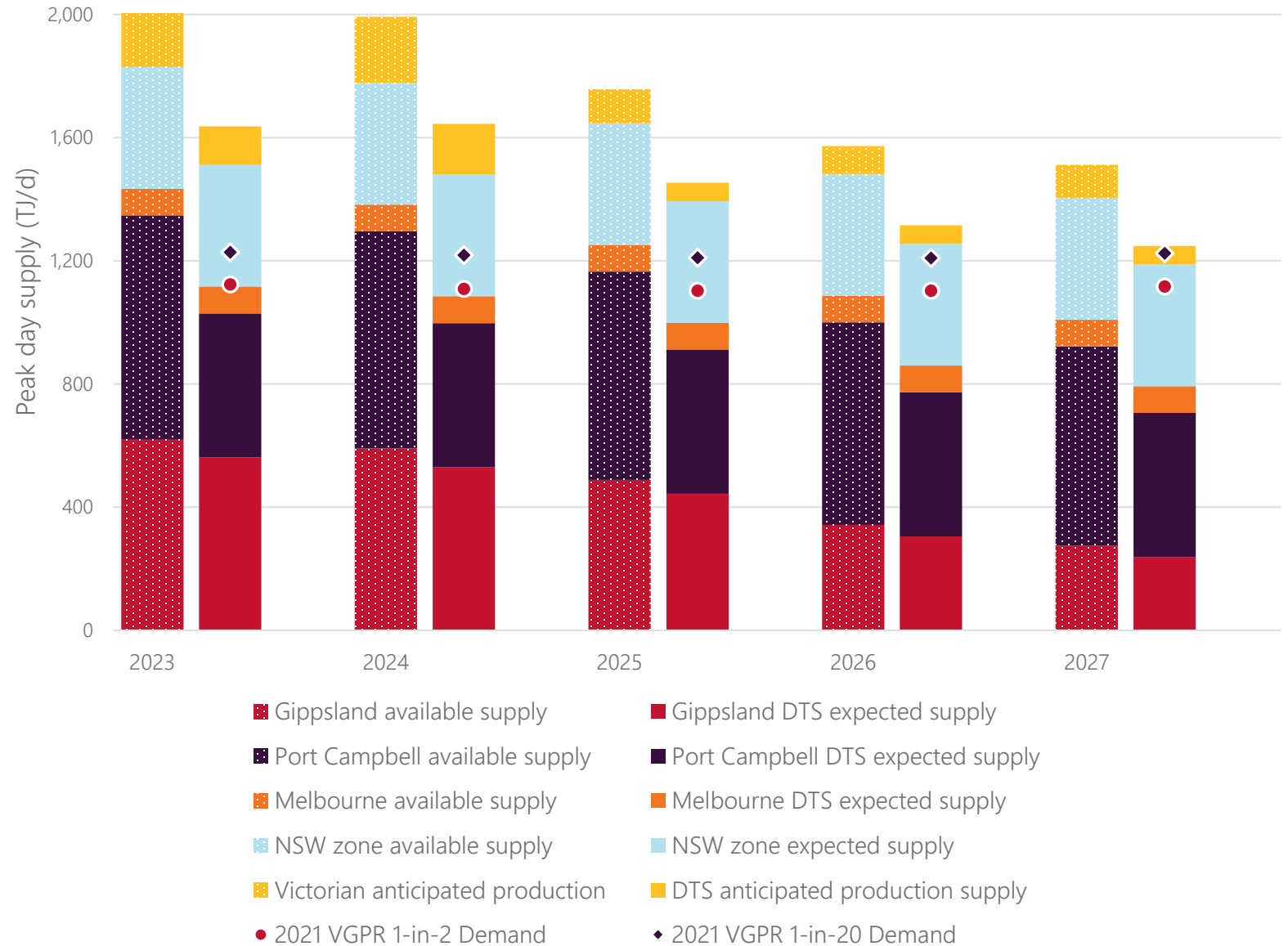
# Culcairn forecast flows

Based on participant  
submissions



# 2023-27 Peak day outlook

- Port Campbell expected supply assumes WORM is constructed by winter 2023
- DTS supply capacity declining by 30% from 1,116 TJ/d in 2023 to 778 TJ/d in 2027
- NSW supply of 395 TJ/d



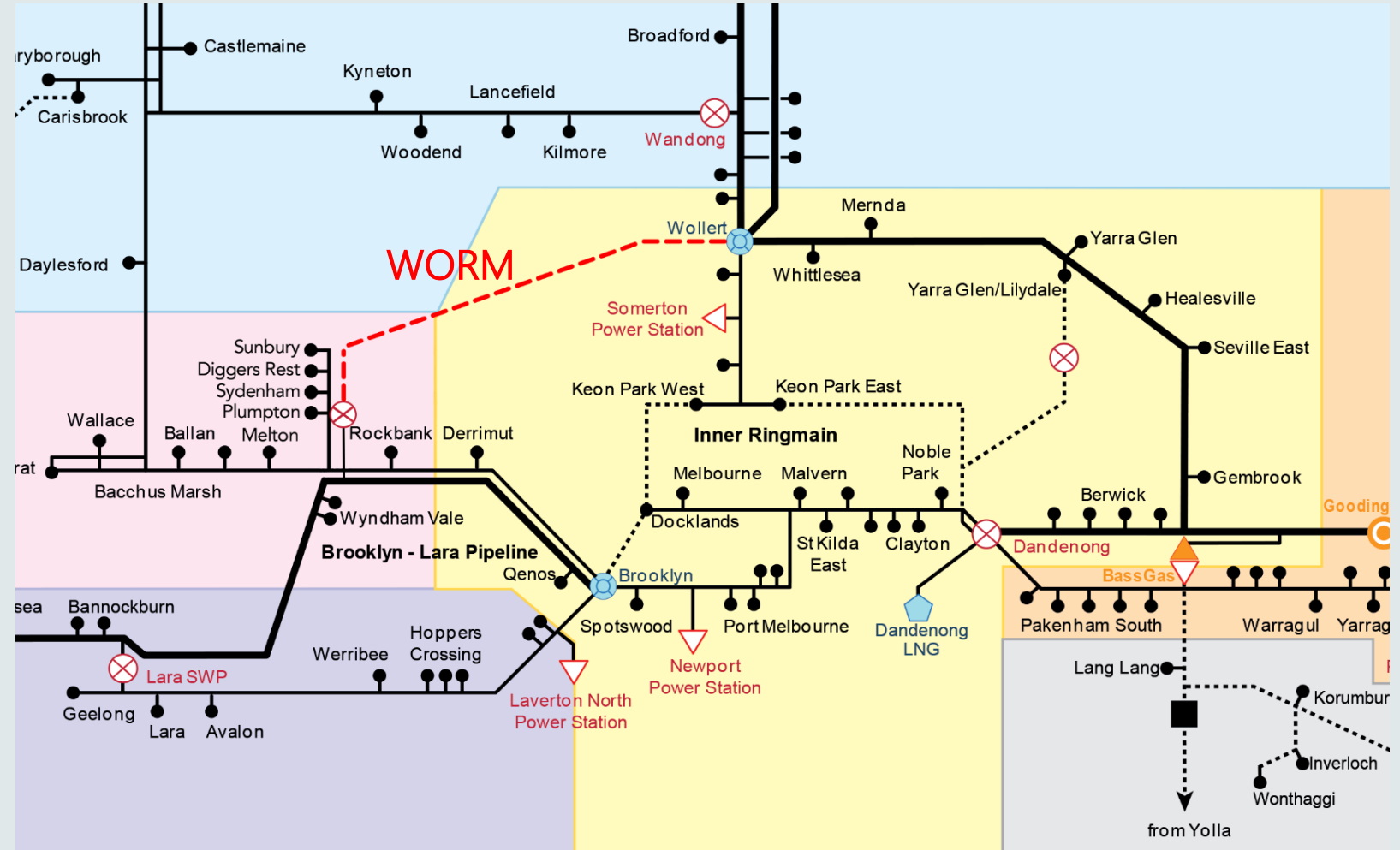


# Anticipated production supply

- Port Campbell region
  - Beach Energy – Enterprise/Artisan/La Bella
  - Cooper Energy -Annie
- Gippsland region
  - Golden Beach gas project - Production then Storage
  - Kipper unit joint venture
  - SGH Energy - Longtom

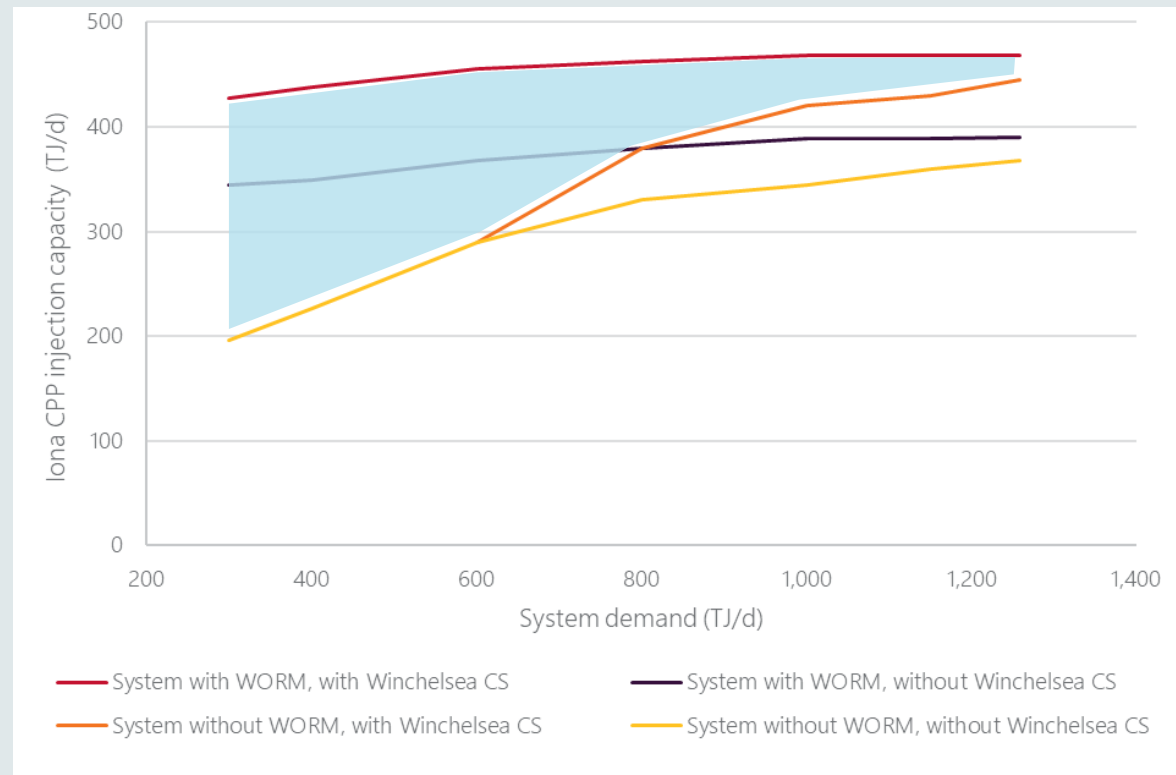
# Western Outer Ring Main (WORM)

Allows gas flow  
around Melbourne  
at high pressure

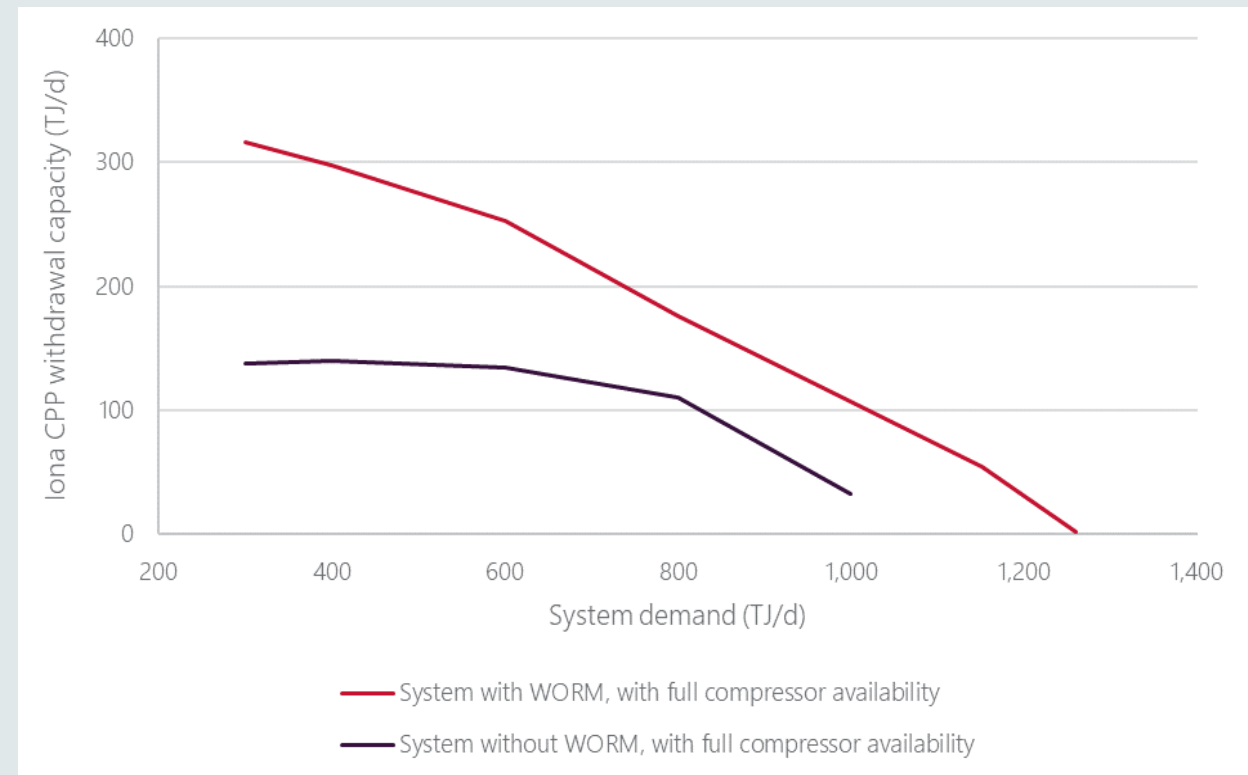


# Western Outer Ring Main

## WORM SWP Injections



## WORM SWP Withdrawals

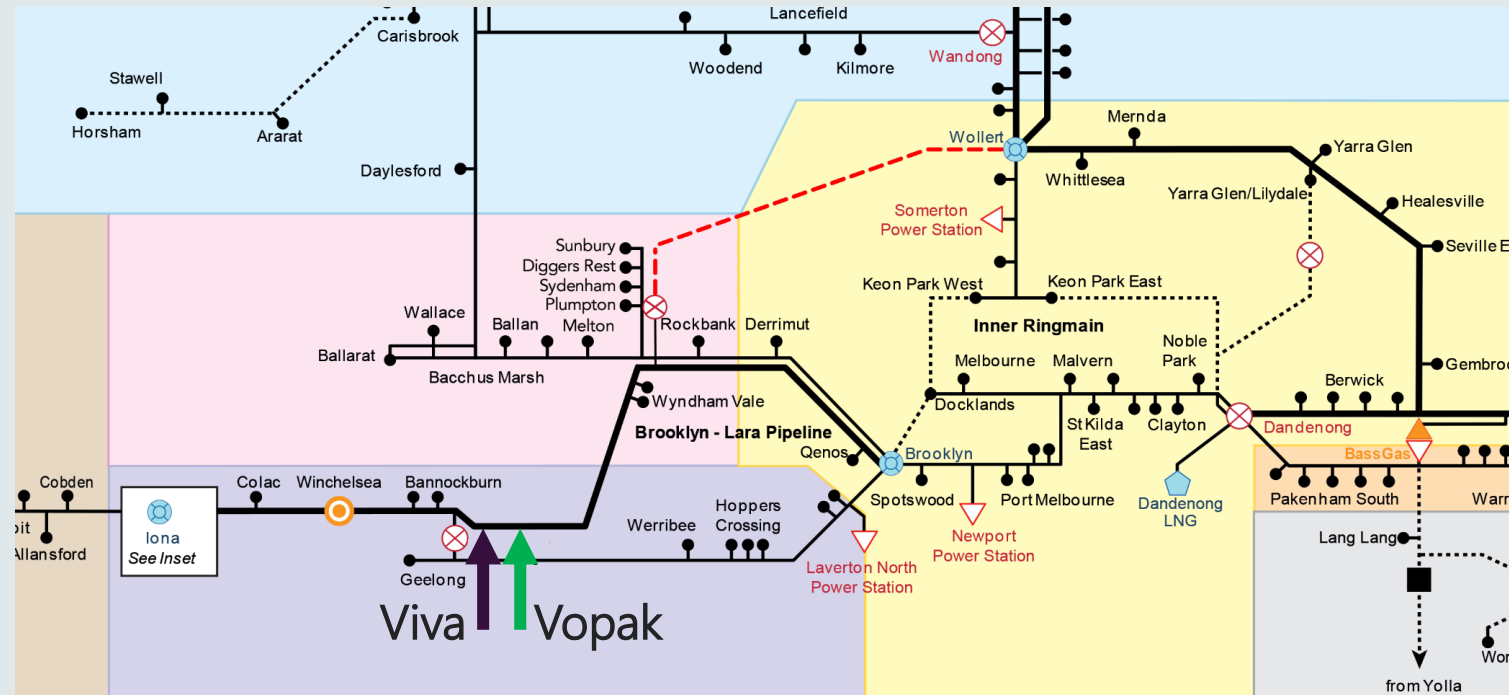


# LNG import terminals

Viva Energy  
at Lara

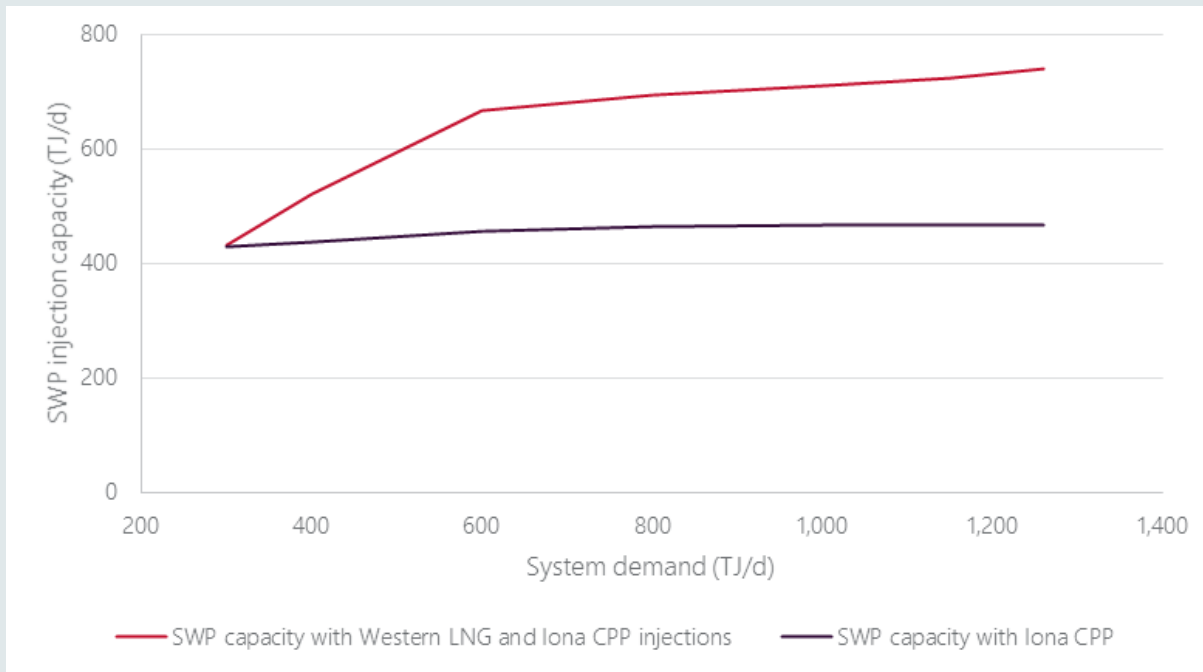
Vopak  
at Avalon

MDQ  
~600 TJ/d

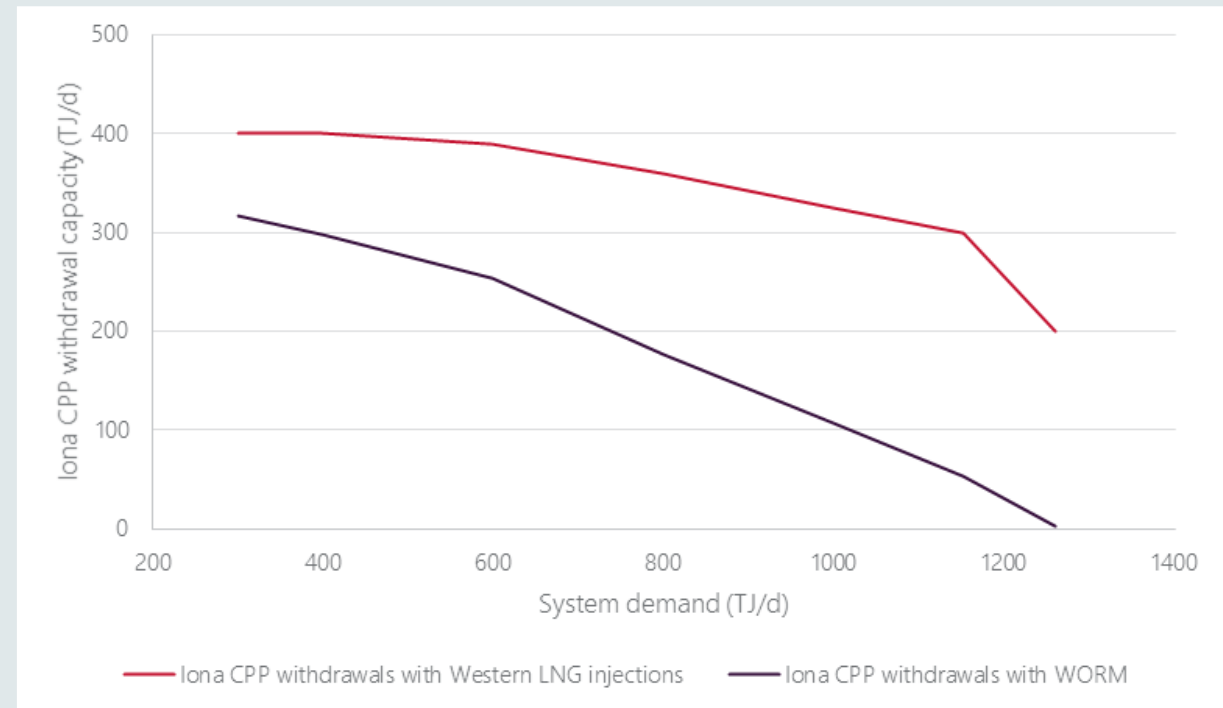


# Western LNG import terminals

## Western LNG – SWP Injections



## Western LNG – SWP Withdrawals



# South West Pipeline capacity

## With LNG terminal

- LNG injections will back-off Iona CPP injections
- Investigate and quantify back-off effect between LNG and Iona CPP injections
- Investigate augmentation options to minimise the impact

## Capacity certificates

- Final documents and tracked Procedures have been published

<https://aemo.com.au/consultations/current-and-closed-consultations/implementation-of-2020-dwgm-enhancement-rule-changes>

- AEMO will consult as per Procedures on how the LNG injections will be considered for SWP capacity certificates

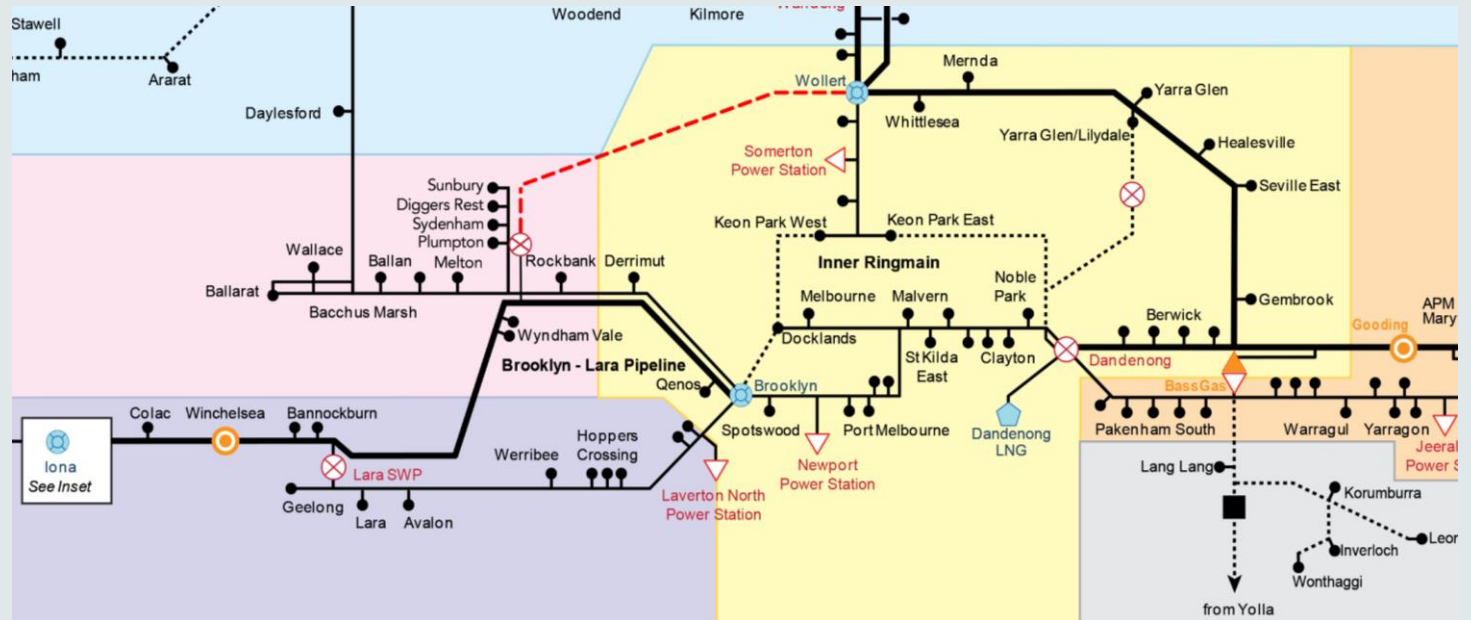
# Possible SWP augmentations

## 1. Iona expansion

- Additional compression at Winchelsea or downstream closer to Melbourne
- Looping between Iona and Lara

## 2. With LNG terminal

- Additional compressor between Lara and Plumpton/Wollert
- Looping Lara to Brooklyn / Lara to Wollert



# Questions?