

Winter 2021 – Victorian Gas Operations Outlook

5 May 2021

Important Notice

Purpose

AEMO has prepared this presentation material to provide information about the operation of the Victorian gas transmission system and the market operational strategies for Winter 2021, as at the date of publication.

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Agenda

2021 Gas Operations Winter Outlook

Time	Session	Presenter
9:30	Introduction	Matthew Clemow
9:40	2020 Year in Review – Key Operational Challenges	Mark Pollock
9:55	Demand Forecast Look Back 2020 and Look Ahead – Weather Forecast for Winter 2021	Tim Abernethy
10:10	22 August 2020 Transmission and Markets Scenario – Day in the Life of a GOE	Li Ang / Will Baskerville
10:55	BREAK	
11:10	Winter Forecast / 2021 VGPR and GSOO	Jessie Yeung
11:25	Dandenong LNG Capacity and Reserves for Winter 2021	Matthew Clemow
11:45	Upcoming AEMO Projects and Wrap up	Matthew Clemow
12:00	Questions / Comments / Feedback / Close	All

Introduction

Matthew Clemow

Winter Strategy – implementation

- Analysis of changes
 - Supply source
 - Demand
 - Network
 - Regulatory
- Preparation and training
 - AEMO Gas Operations Engineers
 - Information for Industry Participants

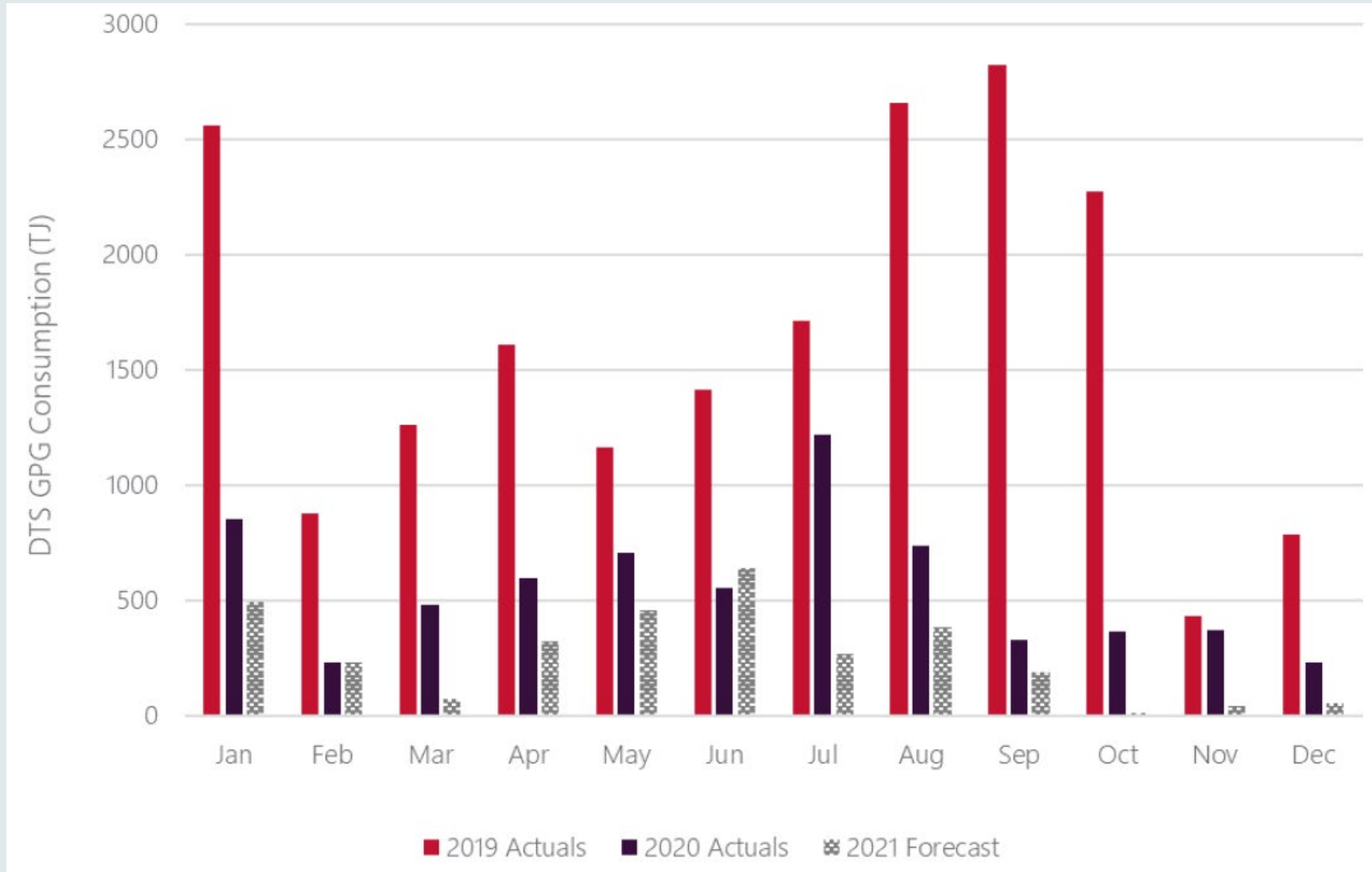


Winter Strategy – changes

Supply changes	Demand changes	Operational changes
Reduced production capacity offset by increased supply capacity via Culcairn	Continuation of working from home due to / enabled by the pandemic, expected to result in increased weekday daytime demand, but lower impact than winter 2020	Dandenong LNG scheduling including threat to system security and direction processes
Iona capacity expansion and high inventory (limited by SWP capacity) but low Dandenong LNG inventory	Reduced population growth and continued decline in industrial consumption	GPG demand uncertainty – risk of reduced coal fired generation reliability
COVID-19 uncertainty, continued operational precautions		

Unforecast GPG demand remains a significant risk and uncertainty

- High GPG use during 2019 due to coal-fired generation outages
- Reduced GPG during 2020 due to fewer coal-fired outages and reduced peak demands
- Periods of low wind generation increasing GPG and drawing down Iona UGS inventory



Winter Strategy – benefits

- Provides participants with information about changes in AEMO's operations or scheduling
- Highlights any potential risks
- Increases transparency
- Opportunity to ask questions
- Provides confidence and assurance that AEMO is prepared and ready to manage winter operations



Winter Strategy – 2020 feedback

What topics would you like to see at future Winter Outlooks?

Topic	Support
Demand profiles, forecasting and overrides	58%
Scenarios and case studies	52%
Linepack management	44%
DTS projects (e.g. WORM)	44%
Market and transmission interactions	40%
Profiling of injections	38%
DWGM projects (e.g. AEMC rule changes)	35%
GPG supportability and trends	29%
AEMO reports - GSOO, VGPR, etc	29%
Gas quality	29%
Emergency management and curtailment	21%