

A year of change

The 2018 Gas Statement of Opportunities (GSOO) contains AEMO's projections for demand, and information from gas producers about reserves and forecast production, to assess the projected supply demand balance and potential supply gaps under a range of plausible scenarios for the eastern and south-eastern Australian gas markets until 2038.

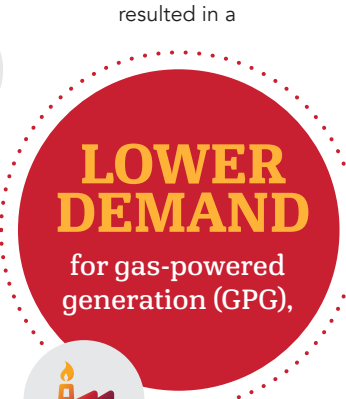
2019 supply-demand balance:

Updated forecasts from Liquefied Natural Gas (LNG) producers shows a



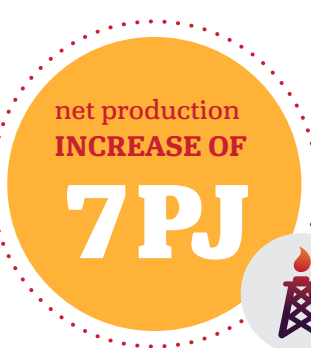
has resulted in a greater availability of Queensland coal seam gas (CSG) for domestic consumption. This provides the market with access to 8 petajoules (PJ) more gas in 2019 than previously advised.

An additional 4,000 megawatts of committed wind and solar has resulted in a



which has improved the availability of gas for the east coast.

Production forecasts from southern fields in 2019 are 16 PJ higher than the production forecasts for the September 2017 GSOO Update. Although a 9 PJ reduction is forecast in production from both CSG and conventional fields in the north, there is still a resulting



to the domestic gas system.

The Northern Gas Pipeline (NGP) will supply east-coast markets with



from December 2018.

DEMAND

SUPPLY

Changes in the gas markets have improved the east coast's supply outlook, with the 2018 GSOO forecasts now showing no supply shortfalls in the short-term. However, risks remain that natural variances in weather-driven consumption and GPG demand could still tighten the supply-demand balance.

How gas is consumed in the east-coast gas markets:



LNG



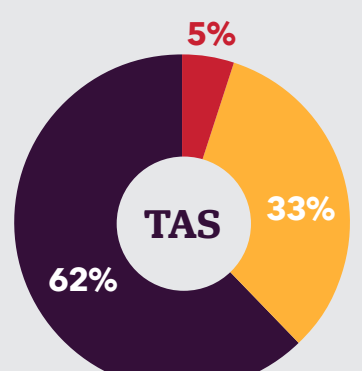
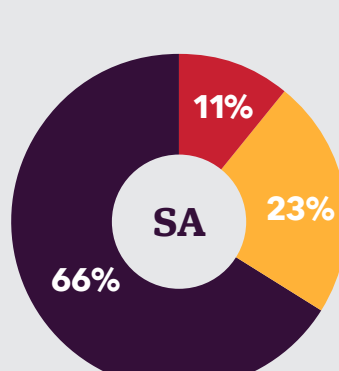
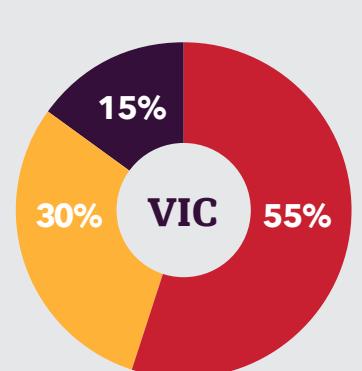
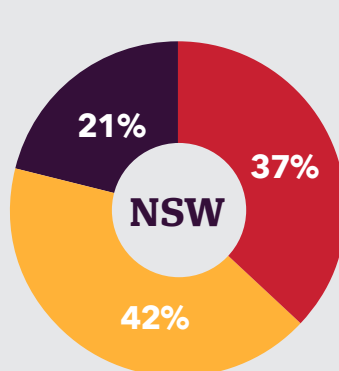
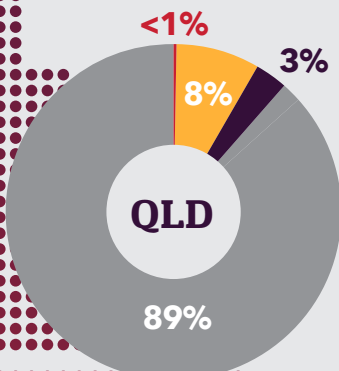
GPG



Industrial



Residential/
commercial



Looking to the future



2018

a number of uncommitted projects around new gas fields, pipeline extensions and LNG import terminals are being discussed and explored by industry.



2019

as Australia's domestic gas fields ramp up production to meet demand, new fields will need to be explored and developed to secure further supply.



2023

LNG exports are expected to increase from 2023. If this export increase occurs earlier than expected it could tighten the supply-demand balance.



2025

GPG demand is expected to increase from 2025 to provide additional electricity generation for the National Electricity Market. If an increase in GPG demand occurs earlier due to weather or electricity related events, it could tighten the supply demand balance.



2030

Further development and infrastructure will be needed to better supply Australia's east coast.