GSI Highlights 2020

Presented to WA Gas Consultative Forum

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Agenda

1. Registrations and New Connections
2. GBB System Updates
3. 2020 Observations
4. Gas Services Information – FY20 Actual vs Budget
5. 2020 WA GSOO Development

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Registrations, Facilities and New Connections in 2020

Participant Registrations

Amanda Energy
Gas Shipper
Effective 01/01/2019

Agnew Gold Mining Company
Gas Shipper
Effective 24/06/2019

Facility Registrations

Perth Energy Kwinana GT1
Effective 29/05/2020

Tronox Management Cogen (TIWEST)
Effective 23/10/2020

Pipeline Connection Points

Xyris (CDBP-WTSIA)
Pipeline: DBNGP (Metro)
Effective 24/07/2020

De-registrations

Sub161
Facility Operator & Shipper
Effective 15/05/2020

MidWest Vanadium
Gas Shipper
Effective 24/08/2020

GBB System Updates

GBB 1.14

19 February 2020

1. Aligned publication times of the 'Actual Flows' report and 'End User Consumption' report.
2. Improvement to the 'Gas Flow' visualisation.
3. Administrative fix to the 'GBB Obligations Report'

GBB 1.15

9 July 2020

1. Active monitoring of Large User Facilities with registration exemptions (under GSI Rule 47) by alerting AEMO when a connection point with no Registered Facilities records Actual Flows greater than or equal to 10TJ for any Gas Day.
2. Administrative improvements to AEMO user access to the 'Submission Obligations Report'

GBB 1.16

25 November 2020

1. Implement a live GSI Register accessible directly from the GBB.
2. Improvement to the 'Storage Barrel Graphic' sizes.
3. Add new connection point Xyris (CBBP-WTSIA) to the DBNGP's Metro Zone of the Network Map.

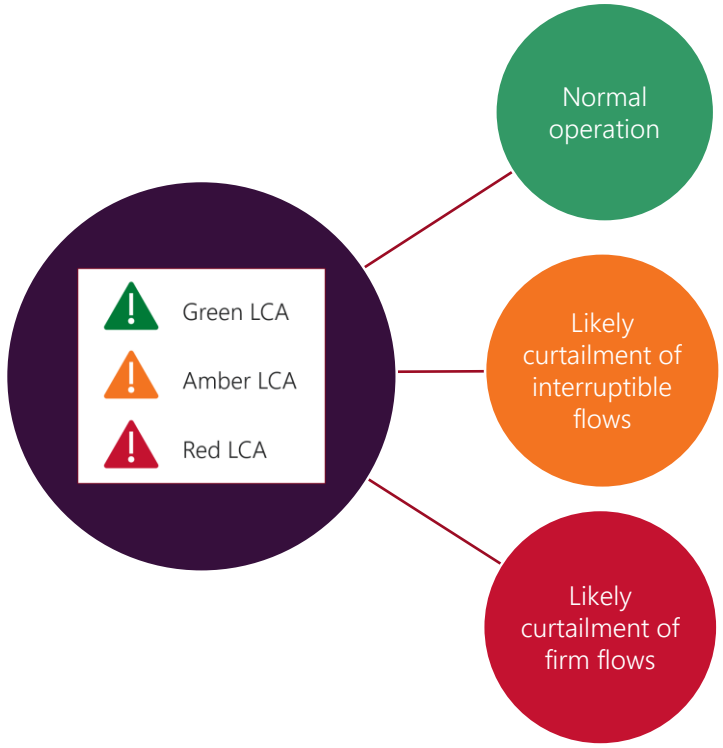
GBB 1.16 - Storage Barrel Graphic

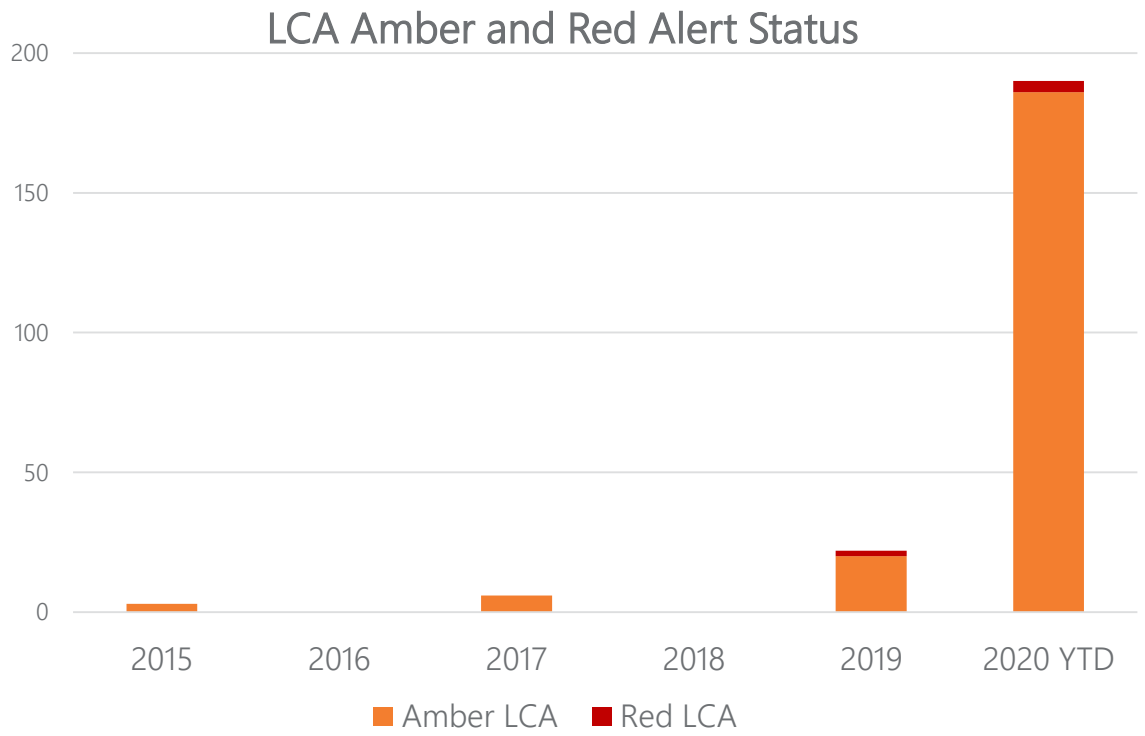
(Please note that the values displayed may not correspond to the actual capacities of the respective storage facilities.)

GBB1.16 - New Connection Point named Xyris (CBBP-WTSIA)

2020 Observations

Amber and Red Linepack Capacity Adequacy (LCA) Alert Status





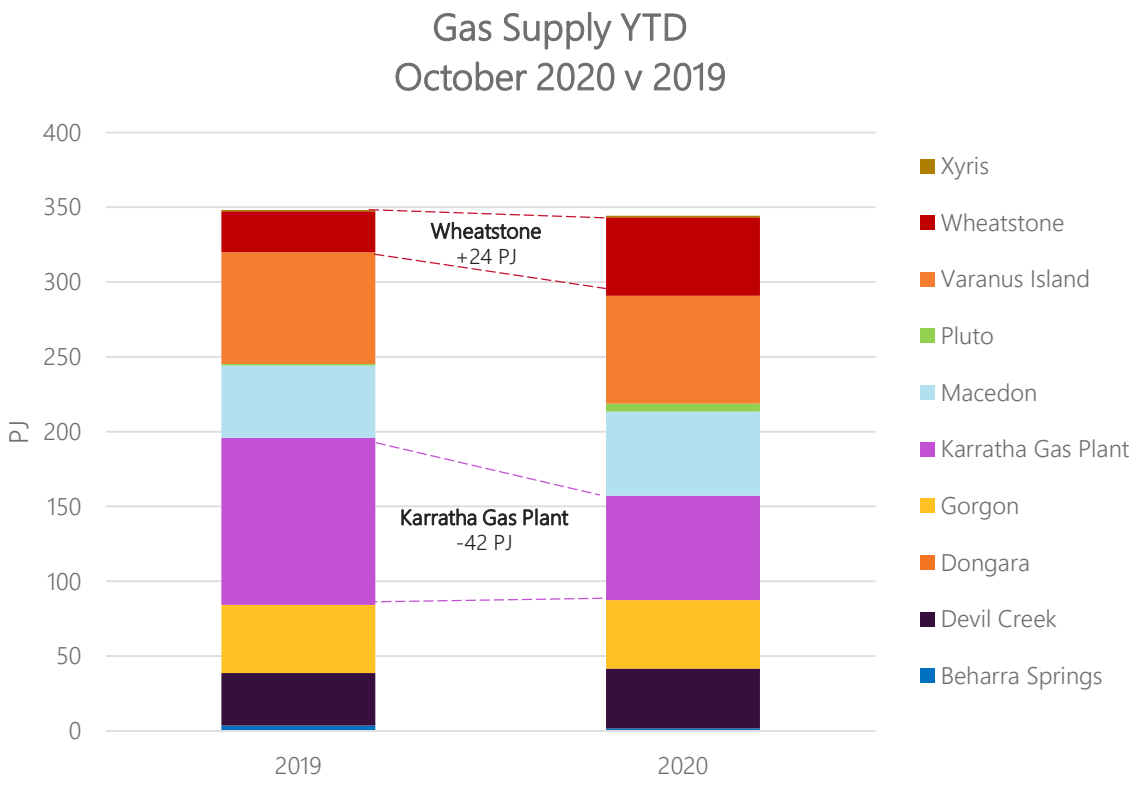
Summary:

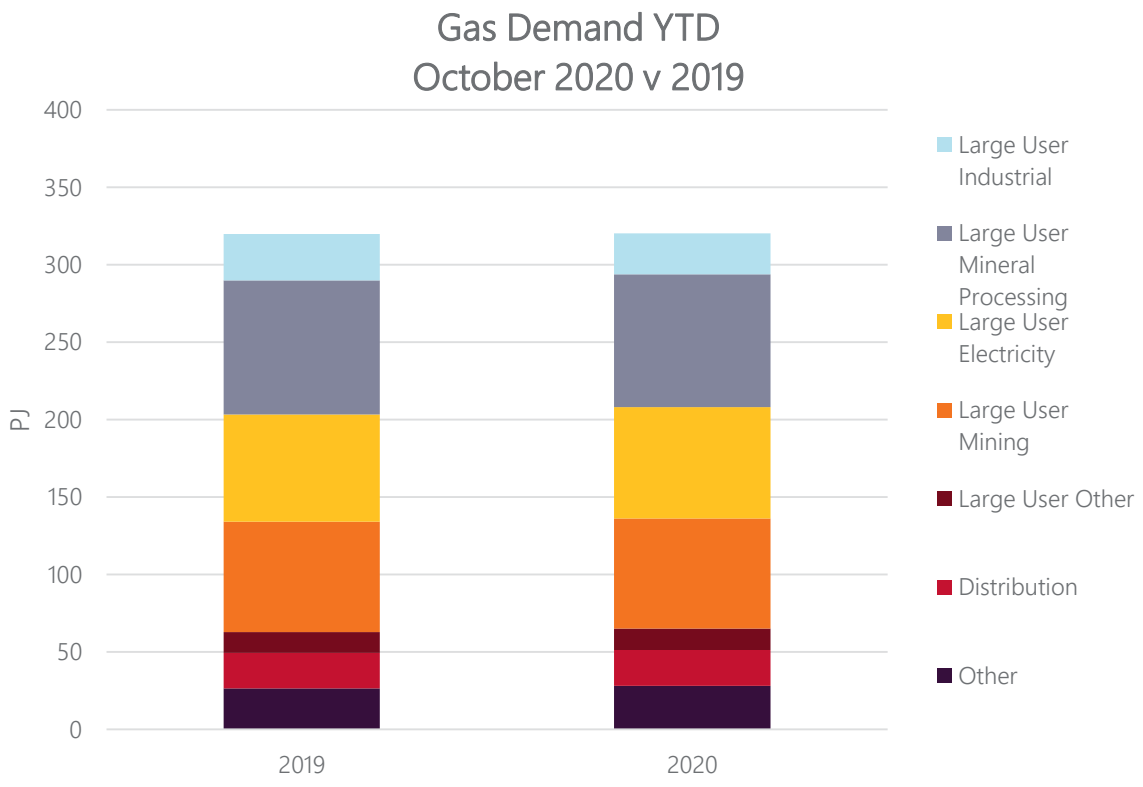
The number of Amber and Red LCA Alert Status has increased significantly in 2020.

- This is attributed to a change in reporting practices by Participants in which maintenance events are more frequently being reported on the GBB as an LCA event. It is not necessarily reflecting an increase in incidents on the pipelines.
- The Red LCA in 2020 resulted in the curtailment of gas on one occasion.
- The EMF has not been activated since 2017.

2020 Observations

Gas Supply and Demand



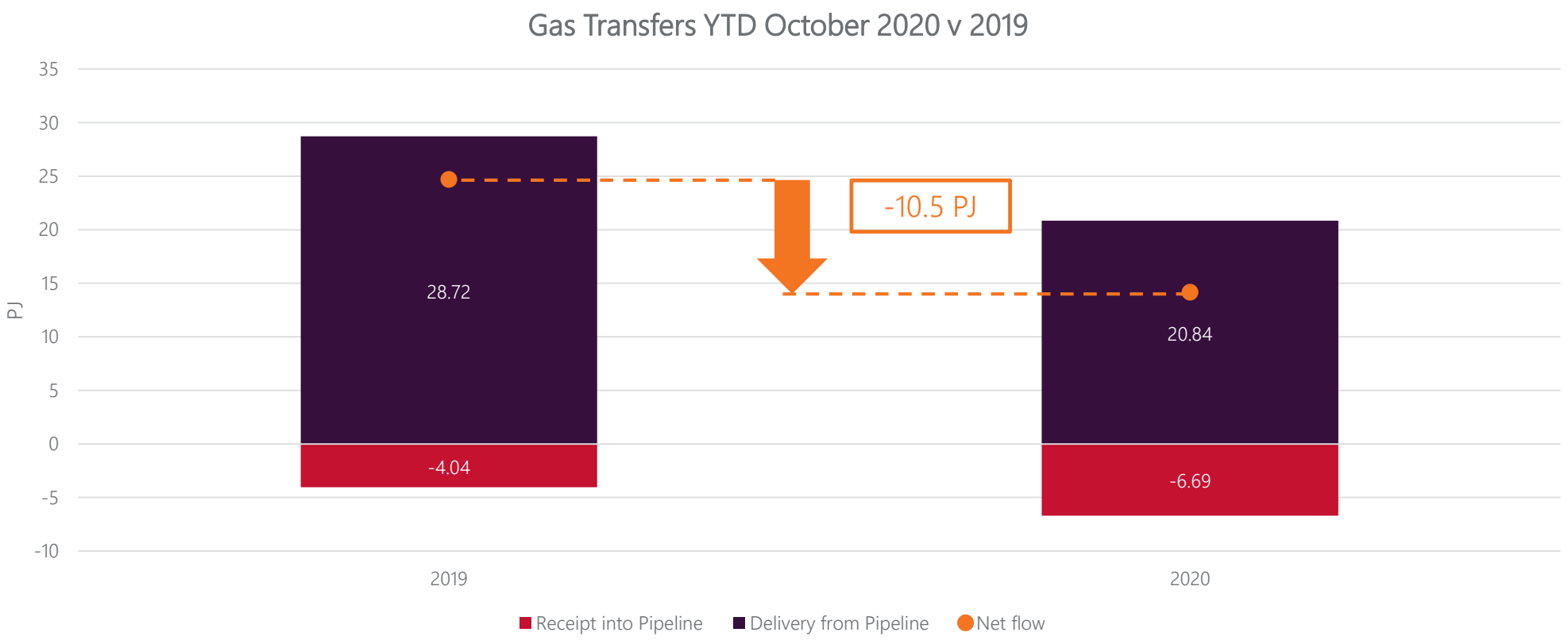


Summary:

- Production down by 4 PJs or 1% YTD for 2020 compared with 2019, primarily reduction in KGP production.
- Demand remains relatively stable across sectors.

2020 Observations

Gas Transfers



Summary:

- Decrease in net Actual Flow into storage from YTD 2020 vs 2019 is in line with the reduction in Gas Production and stable levels of Gas Consumption.

Questions and Feedback

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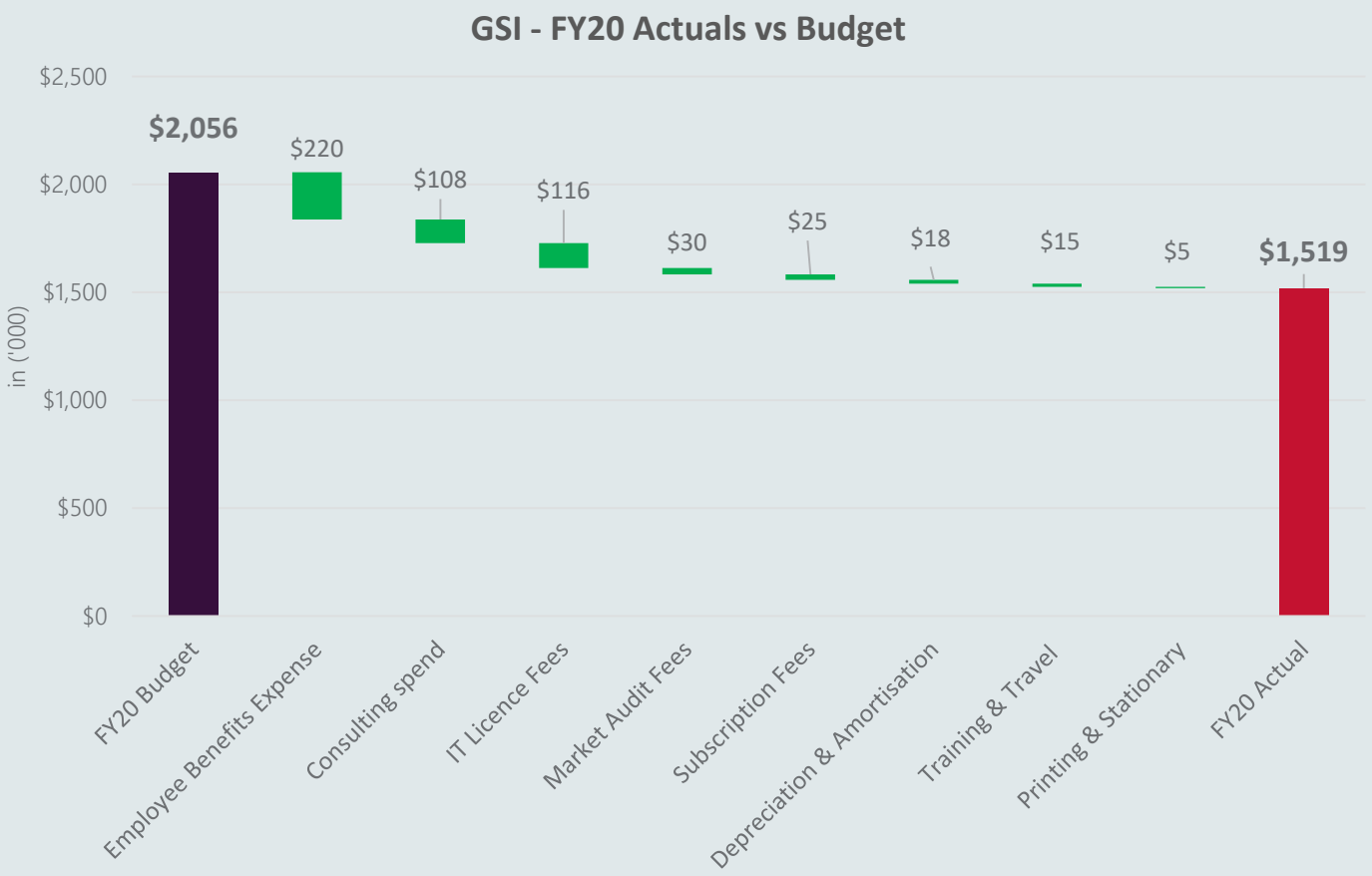
Gas Services Information (GSI) – FY20 Actual vs Budget



GSI operating expenditure for FY20 was **$1.519m**, **$0.537m (26%)** lower than the ERA approved budget of $2.056m.

This financial result is due to a combination of operational drivers such as project delays, resource reallocation and the impacts of COVID19.

Key drivers are:

- Lower employee expenses ($220k) due to BAU employees being utilised in Capital projects without being backfilled and vacancies yet to be filled;
- Lower than expected GSOO related consulting spend ($108k) in part due to utilisation of internal resources and expertise;
- Timing of IT licensing spend ($116k) due to delay in Digital projects completion;
- Lower than expected WA Market Audit fees ($30k) due to reduced scope, travel and consumables (COVID-19 related)
- Lower D&A from the delay in Malaga infrastructure project completion ($18k)
- Lower training, travel, printing & stationary spend due to COVID-19 restrictions ($20k)
- Lower subscription fees ($25k)

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Questions and Feedback

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2020 WA GSOO development

Demand forecasting

- Forecasts provided as part of the Formal Information Request (FIR) process used where available in the base scenario.

- FIR data used to inform scenario development (for example, by using closure information obtained through the FIR for the low scenario).

- A new connections model has been developed to forecast distribution connected customers:

- Excluded Albany from the forecasts as it is a LPG network.

- Eliminated double counting in Kalgoorlie/Leonora area.

Other improvements

- In line with stakeholder feedback, AEMO held its first WA specific Forecasting Reference Group meeting to allow stakeholders to provide feedback to be incorporated in the forecasts.

- Inputs for the supply model have been sourced from a single consultant to improve consistency.

- Information about reserve decline from the FIR has been incorporated in the supply model.

Questions and Feedback

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