



INDEPENDENT  
MARKET  
OPERATOR



## GBB 1.5 Release Notes

Version 1.0

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## Document Control

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### CHANGE HISTORY

Version	Date	Description	Changed By
0.1	30.09.2015	Initial Draft	John McLean
0.2	02.10.2015	Updated Notes	Brigid Reilly
1.0	09.10.2015	Final	John McLean

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## 1. Introduction

These release notes are for GBB 1.5 (build 1.5-255). This release integrates the new GBB visualisations for topology and gas flow into the GBB home page.

## 2. New Features

### GISP-870 - Integrate new GBB visualisations for topology and gas flow

The new Gas Network, Gas Consumption and Gas Production visualisations on the IMO public website have been integrated into the GBB home page. This change provides greater insight and transparency into the supply and use of natural gas in Western Australia, whilst enhancing the look and feel of the GBB home page.

#### 2.1.1 Navigation

The navigation menu on the GBB homepage has been restructured as per Figure 2.1 to accommodate the new visualisations and logically group remaining pages.

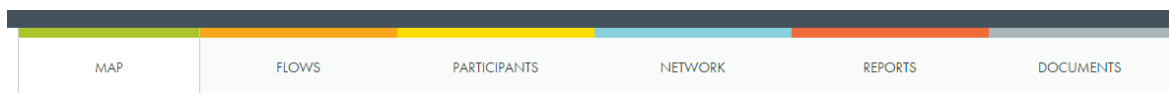


Figure 2.1: Site Navigation on homepage

The following pages have been moved or their content has been incorporated into other pages:

- **Capacities and Standing Gas Specification**

The Standing Data tab has been removed and the pages Capacities and Standing Gas Specification have been moved to the Network tab.

- **Notice Board**

This has been moved from Participants to the Documents section.

- **Pipelines and Zones**

The Pipelines page has been removed as it is no longer necessary since this information is now available on the Map as shown in Figure 2.2 and Figure 2.3. The Zones page was removed as the Zone name and its corresponding code is already shown on the Topology page which is under Network.

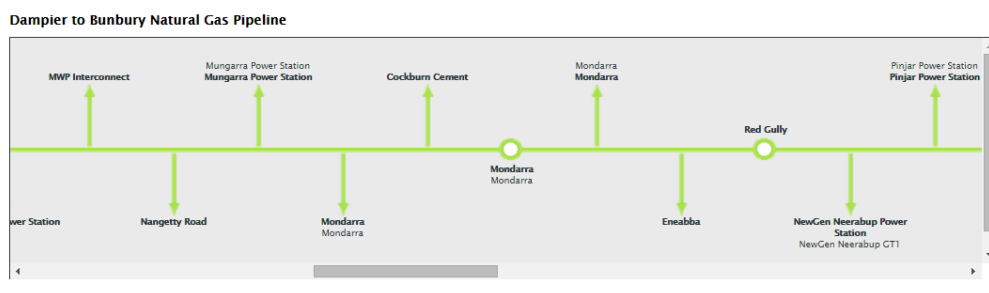


Figure 2.2: Old pipeline view



Figure 2.3: New pipeline view

## 2.1.2 Map

The Map found on the GBB homepage has been enhanced and is now highly interactive.

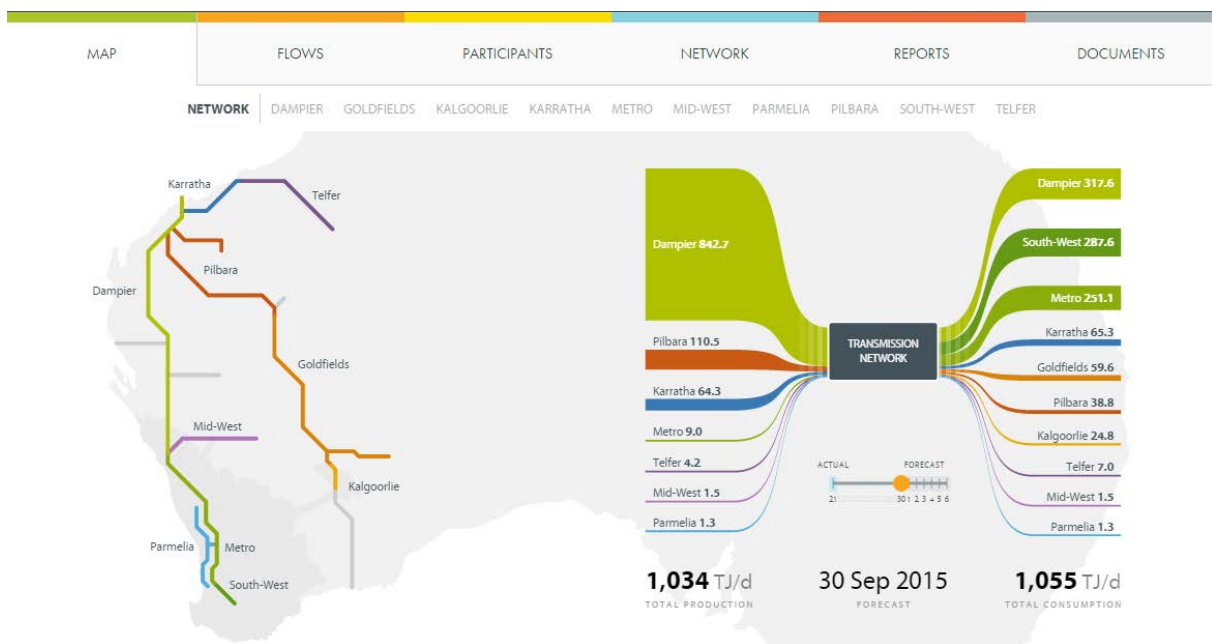


Figure 2.2: Homepage showing the GBB map

Each zone is differentiated by a unique colour and the user can browse the connections in each zone by either clicking on the pipeline or on the zone name at the top.



**Figure 2.3: Map view by Zone**

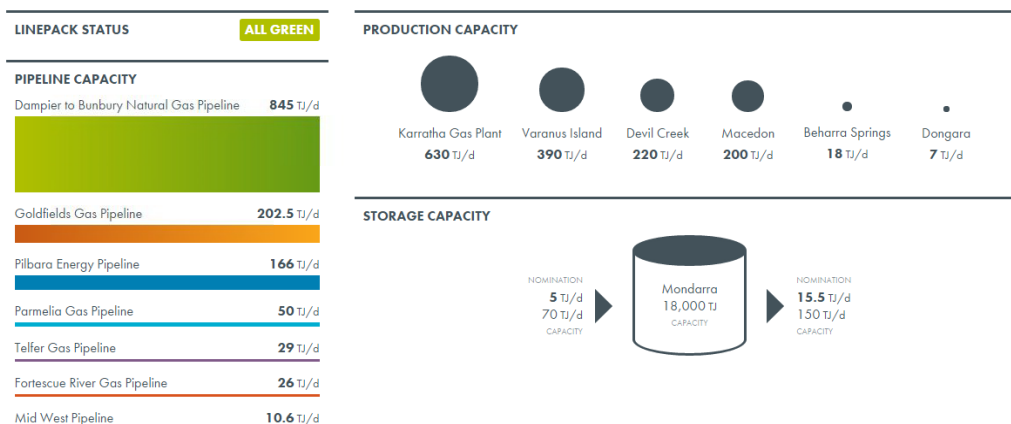
The graphic to the right of the map shows the expected flows of gas based on the nominations and forecasts for the Gas Day. There is also a Gas Day slider which allows users to view both the available future forecasts flows and the historical actual flow data.

Also available is a pie chart which shows the consumption breakdown by usage categories; Mining, Electricity, Mineral Processing, Industrial and Other.

### 2.1.3 Linepack and Capacities

Linepack and Production Facility capacity data is now shown underneath the main map. This shows the capacity for each production facility as per the capacity outlook submissions.

Additionally the Storage Facility capacity data and the nominated quantities are shown.



**Figure 2.4: Linepack and Capacity Data**

## 2.2 Flows

Flows is a newly introduced gas visualisation which shows the gas produced and consumed in Western Australia.

### 2.2.1 Production

This visualisation shows the gas flows from production facilities using data available from Actual Flows report. The graphical format greatly improves the accessibility and useability of this data.

This visualisation allows users to:

- view the sum of production for a given Gas Day;
- view the contribution from each production facility;
- observe the difference between the total production and total consumption; and
- toggle between a 3 month and 12 view.

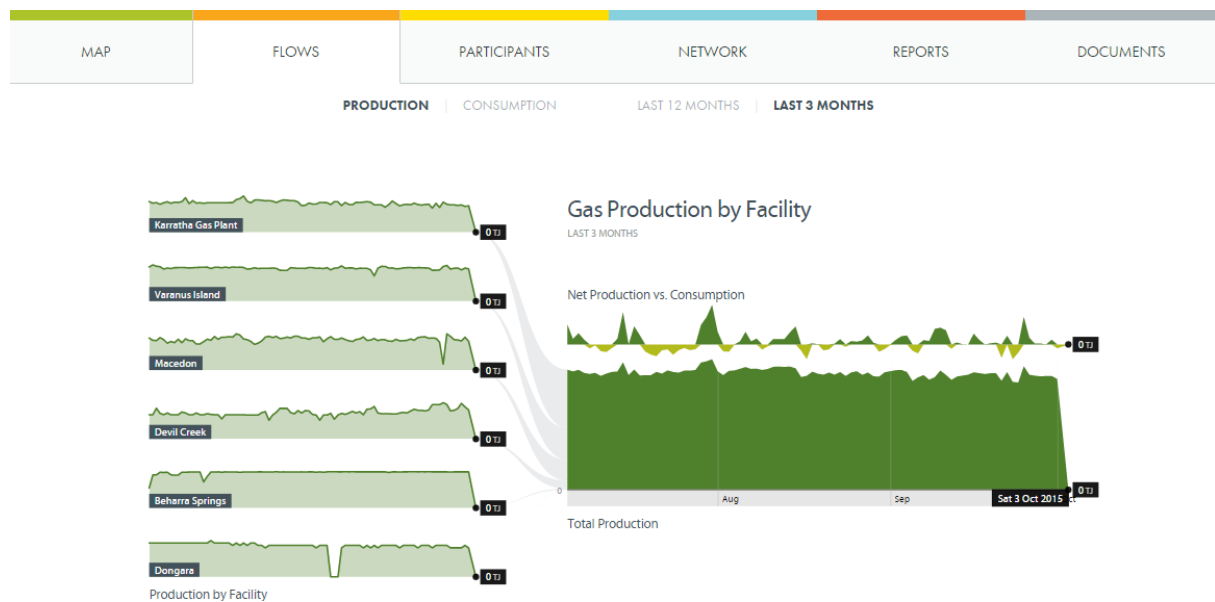


Figure 2.5: Flows from Production Facilities

## 2.2.2 Consumption

Similar to the production flows the consumption visualisation shows the gas consumption by zone using data available from Actual Flows report.

This visualisation allows a user to:

- view the total consumption for a given Gas Day;
- view the consumption by zone;
- observe the difference between the total production and total consumption; and
- toggle between a 3 month and 12 view.

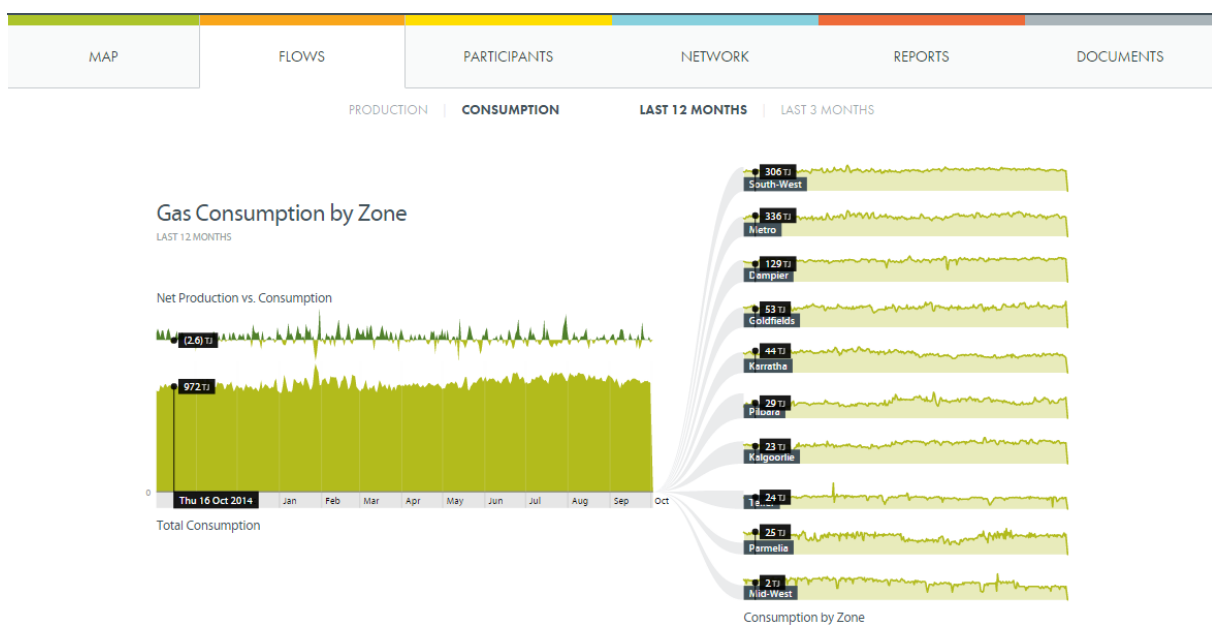


Figure 2.6: Consumption flows by zone



### 3. Resolved Issues

The table below details the issues that have been resolved in this release since the current production version, GBB 1.4-209-7.

Ref.	Description	Comment
GISP-882	Sort entries in Notice Board	Entries in the page "Documents > Notice Board" are now sorted in reverse chronological order.
GISP-854	Actual Flows report is not loading on some computers	Actual Flows report will now load on all computers.
GISP-880	Broken link on Contact Us page	The broken Contact Us link has been corrected.

Status Key	
	Internal changes
	Minimal or no impact to users
	Needs attention. Potentially requires system or operational procedure changes