

# Gas Bulletin Board Reports Mapping Reference Guide – Sept 2018

## 1.0 Final September 2018

### Important Notice

#### PURPOSE & AUDIENCE

This guide provides an overview of the differences in reports between the Gas Bulletin Board rules published prior to 30 September 2018 and reports published from 30 September 2018.

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#### DOCUMENT IDENTIFICATION

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#### VERSION HISTORY

0.01 Initial draft

0.02 Added mapping of old and new reports for GasBB.

1.0 Modified notes/comments for outlook tables.

#### FURTHER INFORMATION

Visit AEMO's website [www.aemo.com.au](http://www.aemo.com.au) or contact AEMO Information and Support Hub  
Phone: 1300 AEMO 00 (1300 236 600) & follow the prompts. Email: [supporthub@aemo.com.au](mailto:supporthub@aemo.com.au)

# Overview

This guide provides a mapping between the report format under the Gas Bulletin Board (BB) reports published by AEMO prior to 30 September 2018, and the report format under the updated rules from 30 September 2018.

The primary audience for this document is participants retrieving BB report data who would like to gain a greater understanding of the differences between the old and new reports.

Pre 30/9/2018	From 30/9/2018	What's new/changed	Notes/Comments
Capacity Outlook (INT 922)	SHORT_TERM_CAPACITY_OUTLOOK	<p>Modified fields:</p> <ul style="list-style-type: none"> <li>PlantName is now FacilityName</li> <li>PlantId is now FacilityId</li> <li>OutlookType vs CapacityType</li> </ul> <p>Added fields:</p> <ul style="list-style-type: none"> <li>FlowDirection</li> <li>CapacityDescription</li> <li>ReceiptLocation</li> <li>DeliveryLocation</li> <li>ReceiptDescription</li> <li>DeliveryDescription</li> <li>LastUpdated</li> </ul> <p>Deleted fields:</p> <ul style="list-style-type: none"> <li>Units</li> <li>ReportedDateTime</li> </ul>	<p><b>Zone versus Location/Facility</b></p> <p>The old report showed the overall capacity of a pipeline from one end to the other, without recognising a pipeline can consist of different sections.</p> <p>The new report includes fields receipt and delivery locations, so data is reported as point to point capacity. This allows facility operators to specify capacity for different sections of the pipeline.</p> <p><b>Flow direction and capacity</b></p> <p>In the old report, the OutlookType field was a combination of capacity type and its associated flow direction.</p> <p>In the new report, flow direction and capacity type are explicitly split into FlowDirection and CapacityType.</p> <ul style="list-style-type: none"> <li>FlowDirection replaces OutlookType TRANSC and REVC. RECEIPT: A flow of gas into the BB facility, DELIVERY: A flow of gas out of the BB facility</li> </ul>

Pre 30/9/2018	From 30/9/2018	What's new/changed	Notes/Comments
			<ul style="list-style-type: none"> <li>CapacityType displays STORAGE or MDQ. STORAGE refers to the holding capacity of the storage facility MDQ refers to the production or flow capacity of the facilities.</li> </ul>
Linepack Capacity Adequacy (INT 921)	LINEPACK_CAPACITY_ADEQUACY	<p>Modified fields:</p> <ul style="list-style-type: none"> <li>PlantName is now FacilityName</li> <li>PlantId is now FacilityId</li> </ul> <p>Added fields:</p> <ul style="list-style-type: none"> <li>LastUpdated</li> </ul> <p>Deleted field:</p> <ul style="list-style-type: none"> <li>ReportedDateTime</li> </ul>	
Standing Capacities (INT 911)	NAMEPLATE_RATING	<p>Modified fields:</p> <ul style="list-style-type: none"> <li>PlantName is now FacilityName</li> <li>PlantId is now FacilityId</li> <li>CapacityType is now FacilityType</li> </ul> <p>Added fields:</p> <ul style="list-style-type: none"> <li>ReceiptLocation</li> <li>ReceiptLocationName</li> <li>DeliveryLocation</li> <li>DeliveryLocationName</li> <li>EffectiveDate</li> <li>FlowDirection</li> <li>CapacityDirection</li> <li>LastUpdated</li> </ul>	<p><b>Flow direction and capacity</b></p> <p>In the old report, the OutlookType field was a combination of capacity type and its associated flow direction.</p> <p>In the new report, flow direction and capacity type are explicitly split into FlowDirection and CapacityType.</p> <ul style="list-style-type: none"> <li>FlowDirection is a new field, replacing OutlookType MDQ, RMDQ, WMDQ.</li> <li>CapacityType displays STORAGE or MDQ. STORAGE replaces HCAP in the old report.</li> </ul>

Pre 30/9/2018	From 30/9/2018	What's new/changed	Notes/Comments
		Deleted fields: <ul style="list-style-type: none"> <li>▪ ReportedDateTime</li> <li>▪ Units</li> </ul>	
BB Shippers with Contracted Pipeline Capacity	BB Shippers with Contracted Pipeline Capacity	No change, available as a PDF only.	
Medium Term Capacity Outlook (INT 928)	MEDIUM_TERM_CAPACITY_OUTLOOK	Modified fields: <ul style="list-style-type: none"> <li>▪ PlantName is now FacilityName</li> <li>▪ PlantId is now FacilityId</li> <li>▪ OutlookType vs CapacityType</li> </ul> Added fields: <ul style="list-style-type: none"> <li>▪ FlowDirection</li> <li>▪ CapacityDescription</li> <li>▪ ReceiptLocation</li> <li>▪ DeliveryLocation</li> <li>▪ ReceiptDescription</li> <li>▪ DeliveryDescription</li> <li>▪ FromGasDate</li> <li>▪ ToGasDate</li> <li>▪ LastUpdated</li> </ul> Deleted fields: <ul style="list-style-type: none"> <li>▪ Units</li> <li>▪ ReportedDateTime</li> </ul>	<p><b>Zone versus Location/Facility</b></p> <p>The old report showed the overall capacity of a pipeline from one end to the other, without the flexibility to recognise that a pipeline can consist of different sections. The new report includes fields receipt and delivery locations, so data is reported as point to point capacity. This allows facility operators to specify capacity for different sections of the pipeline.</p> <p><b>Flow direction and capacity</b></p> <p>In the old report, the OutlookType field was a combination of capacity type and its associated flow direction. In the new report, flow direction and capacity type are explicitly split into FlowDirection and CapacityType.</p> <ul style="list-style-type: none"> <li>▪ FlowDirection is a new field, replacing OutlookType TRANSC and REVC. RECEIPT: A flow of gas into the BB facility, DELIVERY: A flow of gas out of the BB facility</li> <li>▪ CapacityType displays STORAGE or MDQ. STORAGE refers to the holding capacity of the storage facility MDQ refers to the production or flow capacity of the facilities.</li> </ul>

Pre 30/9/2018	From 30/9/2018	What's new/changed	Notes/Comments
Uncontracted Capacity Outlook (INT 929)	UNCONTRACTED_CAPACITY_OUTLOOK	<p>Modified fields:</p> <ul style="list-style-type: none"> <li>PlantName is now FacilityName</li> <li>PlantId is now FacilityId</li> <li>OutlookType vs CapacityType</li> <li>GasMonth is now OutlookMonth</li> </ul> <p>Added fields:</p> <ul style="list-style-type: none"> <li>OutlookYear</li> <li>FlowDirection</li> <li>CapacityDescription</li> <li>ReceiptLocation</li> <li>DeliveryLocation</li> <li>ReceiptDescription</li> <li>DeliveryDescription</li> </ul> <p>Deleted fields:</p> <ul style="list-style-type: none"> <li>Quality</li> <li>ReportedDateTime</li> </ul>	<p><b>Zone versus Location/Facility</b></p> <p>The old report showed the overall capacity of a pipeline from one end to the other, without the flexibility to recognise that a pipeline can consist of different sections.</p> <p>The new report includes fields receipt and delivery locations, so data is reported as point to point capacity. This allows facility operators to specify capacity for different sections of the pipeline.</p> <p><b>Flow direction and capacity</b></p> <p>In the old report, the OutlookType field was a combination of capacity type and its associated flow direction.</p> <p>In the new report, flow direction and capacity type are explicitly split into FlowDirection and CapacityType.</p> <ul style="list-style-type: none"> <li>FlowDirection replaces OutlookType PRODC, TRANSC, REVC, WDLC or INJC</li> </ul> <p>RECEIPT: A flow of gas into the BB facility, DELIVERY: A flow of gas out of the BB facility</p> <p>CapacityType displays STORAGE or MDQ. STORAGE refers to the holding capacity of the storage facility MDQ refers to the production or flow capacity of the facilities.</p> <p><b>Outlook Year and Month</b></p> <p>The old report only displayed outlook month, whereas the new report displayed outlook year and month</p>
Gate Station Standing Capacities (INT 910)	GATE_STATION_NAMEPLATE_RATING	<p>Modified fields</p> <ul style="list-style-type: none"> <li>GateStationID is now ConnectionPointID</li> </ul>	<p><b>Date range</b></p> <p>The EffectiveDate in the new report replaces the 'FromDate' and 'ToDate' in the old report.</p>

Pre 30/9/2018	From 30/9/2018	What's new/changed	Notes/Comments
		<ul style="list-style-type: none"> <li>▪ GateStationName is now ConnectionPointName</li> <li>▪ PipelineID is now FacilityID</li> <li>▪ PipelineName is now FacilityName</li> </ul> <p>Added fields:</p> <ul style="list-style-type: none"> <li>▪ EffectiveDate</li> </ul> <p>Deleted fields:</p> <ul style="list-style-type: none"> <li>▪ FromDate</li> <li>▪ ToDate</li> <li>▪ ReportedDateTime</li> </ul>	
Voluntary Information from LNG Producers in Queensland	Voluntary Information from LNG Producers in Queensland	No changes	
Registered BB Contacts (INT 931)	REGISTERED_CONTACTS	Title is now Position.	
BB Facilities (INT 901)  Detailed Facility Information (INT 903)	FACILITY	<p>Modified fields</p> <ul style="list-style-type: none"> <li>▪ PlantName is now FacilityName</li> <li>▪ ParentBBPlantName is also now FacilityName</li> <li>▪ PlantId is now FacilityId</li> <li>▪ ParentBBPlantID is also now FacilityId</li> <li>▪ PlantType is now FacilityType</li> </ul>	<p><b>Facilities and connection points</b></p> <p>In the old report, each connection point had a maximum of 2 associated facilities.</p> <p>In the new report, we introduce the concept of nodes, which defines how any number of facilities and connection points can be connected with each other.</p> <p>FlowDirection is a new field that reports data on:</p> <ul style="list-style-type: none"> <li>▪ RECEIPT: A flow of gas into the BB facility,</li> <li>▪ DELIVERY: A flow of gas out of the BB facility.</li> </ul>

Pre 30/9/2018	From 30/9/2018	What's new/changed	Notes/Comments
		<ul style="list-style-type: none"> <li>▪ GasDayStartHour is now GasDayStart</li> <li>▪ Zoneld is now LocationId</li> <li>▪ Zone is now LocationName</li> </ul> <p>Added fields:</p> <ul style="list-style-type: none"> <li>▪ FlowDirection</li> <li>▪ Nodeld</li> <li>▪ Stateld</li> <li>▪ StateName</li> <li>▪ LastUpdated</li> </ul> <p>Deleted fields:</p> <ul style="list-style-type: none"> <li>▪ ConnectsToPlantID</li> <li>▪ ConnectsToPlantName</li> <li>▪ ReportDateTime</li> </ul>	
<p>Actual Flow (INT 924, INT 925)</p> <p>Actual Gas Held in Storage (930)</p>	<p>ACTUAL_FLOW_AND_STORAGE</p>	<p>Modified fields:</p> <ul style="list-style-type: none"> <li>▪ PlantName is now FacilityName</li> <li>▪ PlantId is now FacilityId</li> <li>▪ ZoneName is now LocationName</li> <li>▪ Zoneld is now LocationId</li> <li>▪ ActualHeldQuantity is now HeldInStorage</li> </ul> <p>Added fields:</p> <ul style="list-style-type: none"> <li>▪ State</li> <li>▪ Demand</li> </ul>	<p><b>Receipts and Deliveries</b></p> <p>In the old reports, the actual flow data is only reported by delivery (gas going out of the facility) and receipt (gas coming into the facility).</p> <p>In the new report, the delivery and the receipt are further broken down into:</p> <ul style="list-style-type: none"> <li>▪ Demand – gas consumed along a facility</li> <li>▪ Supply – Gas supplied into a facility</li> <li>▪ TransferIn and TransferOut – Gas bound for other destinations that uses the facility in question as a mean of transportation.</li> </ul> <p><b>Reconstruct Actual Flow for historical data comparison</b></p> <p>If you want to compare actual flow with historical actual data, use the 'PIPELINE_CONNECTION_FLOW' data and the</p>

Pre 30/9/2018	From 30/9/2018	What's new/changed	Notes/Comments
		<ul style="list-style-type: none"> <li>▪ Supply</li> <li>▪ TransferIn</li> <li>▪ TransferOut</li> <li>▪ Completeness</li> <li>▪ LastUpdated</li> </ul> <p>Deleted fields:</p> <ul style="list-style-type: none"> <li>▪ DeliveryQuantity</li> <li>▪ ReceiptQuantity</li> <li>▪ Units</li> <li>▪ ReportDateTime</li> </ul>	<p>connection point mapping reference sheet to reconstruct comparable actual flows.</p>
None	PIPELINE_CONNECTION_FLOW	<p>New report with the following fields:</p> <ul style="list-style-type: none"> <li>▪ GasDate</li> <li>▪ FacilityID</li> <li>▪ FacilityName</li> <li>▪ ConnectionPointId</li> <li>▪ ConnectionPointName</li> <li>▪ FlowDirection</li> <li>▪ ActualQuantity</li> <li>▪ Quality</li> <li>▪ LastUpdated</li> </ul>	<p>This is the raw data submitted by individual BB Participants and provides flow for each connection point. This report, if aggregated in accordance with the Aggregation Methodology, provides the same data as the Actual Flow and Storage.</p> <p><b>Reconstruct Actual Flow for historical data comparison</b></p> <p>If you want to compare actual flow with historical actual data, use the 'PIPELINE_CONNECTION_FLOW' data and the connection point mapping reference sheet provided to reconstruct comparable actual flows.</p>
<p>Forecast Pipeline Flows (INT 923)</p> <p>Forecast Storage Flows (INT 927)</p>	NOMINATION_AND_FORECAST_FLOW	<p>Modified fields:</p> <ul style="list-style-type: none"> <li>▪ PlantName is now FacilityName</li> <li>▪ PlantId is now FacilityId</li> <li>▪ ZoneName is now LocationName</li> <li>▪ ZoneId is now LocationId</li> </ul>	<p><b>Nomination Type</b></p> <p>In the old report, the NominationType field indicated nominations or forecasts for different times or gas days. These are:</p> <ul style="list-style-type: none"> <li>• FIRMN – Firm Nomination for the current gas day</li> <li>• FIRMNR – Renomination for the current gas day</li> <li>• FCNOM – Forecast Nomination</li> </ul>



Pre 30/9/2018	From 30/9/2018	What's new/changed	Notes/Comments
		<p>Added fields:</p> <ul style="list-style-type: none"> <li>▪ State</li> <li>▪ Demand</li> <li>▪ Supply</li> <li>▪ TransferIn</li> <li>▪ TransferOut</li> <li>▪ Completeness</li> </ul> <p>Deleted fields:</p> <ul style="list-style-type: none"> <li>▪ NominationType</li> <li>▪ NominationQuantity</li> <li>▪ Units</li> <li>▪ Description</li> <li>▪ Quality</li> </ul>	<ul style="list-style-type: none"> <li>• D+0, D+1, D+2 – Current gas day nomination, day-ahead, and two-day-ahead forecasts for Victoria Transmission System</li> </ul> <p>In the new report, differentiation of nomination types is no longer required. In addition, the nomination quantity is further broken down into:</p> <ul style="list-style-type: none"> <li>▪ Demand – gas consumed along a facility</li> <li>▪ Supply – Gas supplied into a facility</li> <li>▪ TransferIn and TransferOut – Gas bound for other destinations that uses the facility in question as a mean of transportation.</li> </ul> <p><b>Reconstruct Actual Flow for historical data comparison</b></p> <ul style="list-style-type: none"> <li>▪ If you want to compare actual flow with historical actual data, use the 'PIPELINE_CONNECTION_FLOW' data and the connection point mapping reference sheet provided to reconstruct comparable actual flows.</li> </ul>
Standing Peak Day Demand Forecasts (INT 912)	None	This report is now obsolete	No longer required
Registered BB Participants (INT 933)	REGISTERED_PARTICIPANTS	<p>Deleted fields:</p> <ul style="list-style-type: none"> <li>▪ ReportDateTime</li> </ul>	
Secondary Pipeline Capacity Bid and Offer Summary (INT 913)	SECONDARY_PIPELINE_CAPACITY_BID_AND_OFFER_SUMMARY	<p>Modified fields:</p> <ul style="list-style-type: none"> <li>▪ PipelineName is now FacilityName</li> <li>▪ PipelineId is now FacilityId</li> <li>▪ Qty is now AvailableQuantity</li> </ul>	

Pre 30/9/2018	From 30/9/2018	What's new/changed	Notes/Comments
		<ul style="list-style-type: none"> <li>▪ FromDate is now FromGasDate</li> <li>▪ ToDate is now ToGasDate</li> <li>▪ ReceiptPoint is now ReceiptLocation</li> <li>▪ DeliveryPoint is now DeliveryLocation</li> <li>▪ DataProviderID is CompanyId</li> <li>▪ DataProviderName is now CompanyName</li> </ul> Deleted fields: <ul style="list-style-type: none"> <li>▪ ReportDateTime</li> </ul>	
Secondary Pipeline Capacity Trade Summary (INT 914)	SECONDARY_PIPELINE_CAPACITY_TRADE_SUMMARY	Modified fields: <ul style="list-style-type: none"> <li>▪ PipelineName is now FacilityName</li> <li>▪ PipelineId is now FacilityId</li> <li>▪ FromDate is now FromGasDate</li> <li>▪ ToDate is now ToGasDate</li> <li>▪ DataProviderID is CompanyId</li> <li>▪ DataProviderName is now CompanyName</li> </ul> Added fields: <ul style="list-style-type: none"> <li>▪ ReceiptLocation</li> <li>▪ DeliveryLocation</li> </ul>	<p><b>Flow direction</b></p> <p>The TransmissionDirection field in the old report (FORWARD or REVERSE) has been directly replaced by ReceiptLocation and DeliveryLocation fields in the new report to minimise confusion on the flow directions.</p>

Pre 30/9/2018	From 30/9/2018	What's new/changed	Notes/Comments
		Deleted fields: <ul style="list-style-type: none"> <li>▪ TransmissionDirection</li> <li>▪ ReportDateTime</li> </ul>	
BB Zones (INT 902)	LOCATIONS	Modified fields: <ul style="list-style-type: none"> <li>▪ ZoneName is now LocationName</li> <li>▪ Zoneld is now LocationId</li> <li>▪ ZoneType is now LocationType</li> <li>▪ ZoneDescription is now Description</li> </ul> Added fields: <ul style="list-style-type: none"> <li>▪ State</li> </ul> Deleted fields: <ul style="list-style-type: none"> <li>▪ ReportDateTime</li> </ul>	<p><b>Definition of Zone and State</b></p> <p>In the old report, the ZoneType field has three types:</p> <ul style="list-style-type: none"> <li>• PZONE – Production Zone</li> <li>• DZONE – Demand Zone</li> <li>• JURI – Jurisdiction</li> </ul> <p>In the new report, a new field called State is inserted to:</p> <ul style="list-style-type: none"> <li>• replace JURI, and;</li> <li>• clarify that the locations are no longer grouped purely by production and demand clusters, but by jurisdictions, and;</li> <li>• provide more flexibility in specifying the content in the LocationName and the Description fields for better accuracy</li> </ul>