

Annexure B to BB Procedures

National Gas Market Bulletin Board Reports List

This document is provided for the purposes of review, comment and consultation only.

Legal obligations on parties with respect to operation of the Bulletin Board are expected to be in place by July 2008.

Rules covering the publication of information by the Bulletin Board operator and the provision of information to the Bulletin Board operator are to be given force through provisions in the National Gas Law and National Gas Rules, which are currently being prepared and are expected to be given effect prior to July 2008, following a period of further consultation.

The information in this document is therefore subject to the final form of the National Gas Law and National Gas Rules.

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Documentation Revision History

Version	Date	Author	Comments
0.1	29 Oct 2007	Richard Hill	Initial draft
0.2	13 Dec 2007 17 Dec 2007	Willson Santoso Richard Hill	Added int945 for the flash map data INT924 frequency changed to daily (was noted as hourly in section 4.8) INT931 and 933 frequency changed from trigger event to daily INT944 changed from Error Details to Transaction Log Naming convention modified, r[r] replaced with r_[r] throught the document INT943 access corrected. Changed from Public to Registered User
0.3	1 Feb 2008	Willson Santoso	Modified INT901, 902, 911, 912, 921, 922, 923, 924, 925 to update the samples and change the ref_code fields to char(5)
1.0	28 Feb 2008	Richard Hill	Updated to provide conformity with the Bulletin Board Procedures. Changes largely relate to use of Demand Zone in place of Demand Hub and Region and Production Zone in place of Production Hub.
1.1	14 Apr 2008	Willson Santoso	Removed NomType from int921, int922. Added PlantName to int923. Rename int901, int912, int922, int923, int931, int933, and int941.
1.2	18 Apr 2008	Demi Chau	Updated to reflect draft BB Procedures (April 2008 Consultation version).

Distribution History

Version	Person	Organisation	Title	Date
0.2	Prospective BB Participants	Prospective BB Participants		15 Nov 2007
1.0	Prospective BB Participants	MCE Gas Market Reform Distbn list		1 Mar 2008

Table of Contents

1	Introduction.....	4
1.1	Purpose	4
1.2	Audience.....	4
1.3	Scope	4
1.4	Related Documents	4
1.5	Definitions, Acronyms and Abbreviations	4
2	General Information	5
2.1	Identifiers (Id's).....	5
2.2	File name convention	5
2.3	Data Dictionary	6
3	BB Reports Overview.....	8
4	BB Report Details.....	9
4.1	INT901 – BB Facilities List	9
4.2	INT902 – Zones List	11
4.3	INT911 – Standing Capacities.....	12
4.4	INT912 – Standing Peak Day Demand Forecasts.....	13
4.5	INT921 – Linepack Capacity Adequacy	14
4.6	INT922 – Capacity Outlook	15
4.7	INT923 – Forecast Pipeline Flows	16
4.8	INT924 – Actual Flows 7 Day	18
4.9	INT925 – Actual Flows Prev Month	19
4.10	INT931 – Registered BB Contacts.....	20
4.11	INT933 – Registered BB Participants.....	21
4.12	INT941 – Supply Capacity Notifications	22
4.13	INT942 – Emergency Status (Public access report)	24
4.14	INT943 – Emergency Information.....	25
4.15	INT944 – Transaction Log.....	26
4.16	INT945 – Map Data	27

1 Introduction

1.1 Purpose

The purpose of this document is to provide details of all the reports published on the National Gas Market Bulletin Board.

1.2 Audience

The primary audience for this document are business users and IT developers involved in the design and implementation of systems or processes to interface with the National Gas Market Bulletin Board from Participant organisations and also the Bulletin Board Operator.

This document assumes the audience has a basic understanding of Unified Modeling Language (UML) and understands UML concepts and syntax.

1.3 Scope

This document provides details of all the reports published on the National Gas Market Bulletin Board.

1.4 Related Documents

Ref.	Document Name	Version	VENDocs	Comments
1	National Gas Market Bulletin Board – Participant Build Pack		222544	

1.5 Definitions, Acronyms and Abbreviations

Term	Description
AEST	Australian Eastern Standard Time
BB	The National Gas Market Bulletin Board
BBO	The National Gas Market Bulletin Board Operator
CSV	Comma-Separated Values, a comma delimited text
Default flow	The direction that gas normally flows (eg. greater than 183 days per calendar year) through a pipeline. Those flows in the opposite direction, also known as Reverse flows, will be shown as negative values.
Demand Zone	A region where the natural gas load is delivered by one or more BB pipelines.
Gas Day	A period of 24 consecutive hours that commences in accordance with the respective agreements or rules that apply to the facilities and pipelines covered by the BB. The Gas Day Start Hour that applies to each facility or pipeline is published in the INT901 – Plant List report.
Production Zone	A region in which natural gas is produced from one or more facilities and is injected into one or more BB pipelines that transport the gas to other Production or Demand Zones.
TJ	1000 Giga Joules, 10^{12} Joules, Joule is a unit of energy

2 General Information

2.1 Identifiers (Id's)

Plant and Zone identifiers used within the Reports on the National Gas Market Bulletin Board (BB) subscribe to the following format.

Item	Description	Values
1	Energy type identifier	5 Gas
2	State Code of element	2 NSW and ACT 3 Victoria 4 Queensland 5 South Australia 6 Western Australia 7 Tasmania 8 Northern Territory
3	Unique identifying Number	1 to 9999 including leading zeros

For example, Id **520345** relates to an element (Plant or Zone) within NSW / ACT with a unique identifier of 0345 which is related to the gas industry.

2.2 File name convention

CSV report names will comply to the naming convention as follows:

intAAA_v[n]_N_N_N_{r_[r]}~yyyymmddhhmmss.csv

int999a_v1_important_gas_report_r_1~20070101063054.csv

int999b_v1_another_gas_report~20070101063054.csv

Component	Example	Description
Interface Id	intAAA	Unique report / interface identifier
Interface version	v[n]	A number representing the version of the report
Interface Name	N_N_N	Name of report. Words separated by underscores
Region specifier	r_[r]	A number representing the Region to which the interface data applies. If the interface is not Region specific, this component is omitted
Date	yyyymmddhhmmss	Report generation date. Date specified in reverse format to aid chronologic sorting
File type	csv	File extension

2.3 Data Dictionary

For the purpose of this document, the description of the data contained within the reports is as follows:

Field Type	Value	Description
CapacityType	HCAP	Holding capacity in storage
	MDQ	Daily maximum firm capacity (name plate) under the expected operating conditions adjusted for any plant that is 'mothballed' , decommissioned or down-rated and/or cannot be recalled within 1 week, planned maintenance excepted.
	RMDQ	Reverse direction daily maximum capacity (name plate) under normal operating conditions
	WMDQ	Withdrawal into UGS or liquefaction of LNG Daily maximum daily capacity (name plate) under normal operating conditions
DemandType	PSUMM	1 in 2 summer (November to March) peak day demand (by zone / jurisdiction)
	PWINT	1 in 2 winter (May to September) peak day demand (by zone / jurisdiction)
Flag	GREEN	Adequate linepack / pipeline capacity available to meet demand
	AMBER	Voluntary/contractual load shedding or LNG scheduled at a rate >0 and <= 100tonnes/h
	RED	Load shedding required or LNG scheduled at a rate > 100 tonnes/h
NominationType	FIRMN	Firm nomination. Not used in Victoria.
	FIRMR	Firm renomination, an update within the gas day. Not used in Victoria.
	FCNOM	Forecast nomination for the (contracted) outlook period. Not used in Victoria.
	D+0	Current gas day forecast. Victorian market only
	D+1	Day ahead forecast. Victorian market only
	D+2	2 day ahead forecast. Victorian market only
OfferType	TRANC	Transmission Capacity
	GAS	Gas as a daily quantity
OutlookType	PRODC	Production capacity
	TRANC	Transmission capacity
	REVC	Reverse direction transmission capacity. Typically applies to interconnects or pipelines that do or are likely to experience net reverse flows
PlantType	PIPE	Pipeline - a pipeline that transports gas between demand and/or production zones
	PROD	Production facility – a facility at which natural or processable gas produced and/or processed for injection into BB pipelines (sales quality gas)
	STOR	Storage facility – a facility where gas is withdrawn from a pipeline , processed held in storage for subsequent processing and reinjection - includes LNG plant and underground gas storage (UGS)
Quality	OK	Data quality satisfactory
	OOD	Data Out of Range
	M	Missing or incomplete data
	S1	Data substituted with previous day's values
	S2	Data substituted with values from 2 days prior
Status	C	Closed

Field Type	Value	Description
	O	Open
ZoneType	JURI	Jurisdiction – an area typically aligned to state or territory boundaries
	DHUB	Demand Hub – a demand zone (usually greater city area) supplied by multiple pipelines
	DREG	Demand Region – a demand zone supplied by a pipeline inclusive of any off-takes and demand hubs
	PHUB	Production Hub – a production zone supplying more than 1 pipeline
	PREG	Production Region – a production zone supplying only 1 pipeline

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3 BB Reports Overview

Report Id	Report Name	Output File Name	Region Specific	Data Resolution	Trigger Event	Update Interval
INT901	BB Facilities List	int901_v[n]_bb_facility_list-yyyymmddhhmmss.csv	N	Current records	Table I / U / D	N / A
INT902	Zones List	int902_v[n]_zone_list-yyyymmddhhmmss.csv	N	Current records	Table I / U / D	N / A
INT911	Standing Capacities	int911_v[n]_standing_capacities-yyyymmddhhmmss.csv	N	Current and future records	File processed	N / A
INT912	Standing Peak Day Demand Forecasts	int912_v[n]_standing_peak_day_demand_forecast-yyyymmddhhmmss.csv	N	Current records	File processed	N / A
INT921	Linepack Capacity Adequacy	int921_v[n]_linepack_adequacy_r[r]-yyyymmddhhmmss.csv	Y	D0, D+1 and D+2	Data change	Hourly
INT922	Capacity Outlook	int922_v[n]_capacity_outlook_r[r]-yyyymmddhhmmss.csv	Y	D0, D+1 and D+2	Data change	Hourly
INT923	Forecast Pipeline Flows	int923_v[n]_forecast_pipeline_flow_r[r]-yyyymmddhhmmss.csv	Y	Outlook period	Data change	Hourly
INT924	Actual Flows 7 Day	int924_v[n]_actual_flow_7_day_r[r]-yyyymmddhhmmss.csv	Y	Rolling 7 days	Hour to be confirmed	Daily
INT925	Actual Flows Prev Month	int925_v[n]_actual_flow_prev_month_r[r]-yyyymmddhhmmss.csv	Y	Previous month	Month + 7 days	Monthly
INT931	Registered BB Contacts	int931_v[n]_registered_bb_contact-yyyymmddhhmmss.csv	N	Current records	N / A	Daily
INT933	Registered BB Participants	int933_v[n]_registered_bb_participant-yyyymmddhhmmss.csv	N	Current records	N / A	Daily
INT941	Supply Capacity Notifications	int941_v[n]_supply_capacity_notification_r[r]-yyyymmddhhmmss.csv	Y	Current records	File processed	N / A
INT942	Emergency Status	int942_v[n]_emergency_status-yyyymmddhhmmss.csv	N	Current records	Table I / U / D	N / A
INT943 ¹	Emergency Information	int943_v[n]_emergency_info-yyyymmddhhmmss.csv	N	Current records	File processed	N / A
INT944 ²	Transaction Log	int944_v[n]_transaction_log_r[r]-yyyymmddhhmmss.csv	N	Current records	File processed	N / A
INT945 ³	Map Data	int945_v[n]_map_data-yyyymmddhhmmss.csv	N	Current records	N/A	Hourly

Notes:

1. Indicates access is limited to restricted users eg. Registered Participants
2. Indicates access is limited to the individual participant

4 BB Report Details

4.1 INT901 – BB Facilities List

Overview

This report displays the list of all plant (BB pipelines and BB production and BB storage facilities) within the Bulletin Board system including plant that is the subject of an exemption declaration. This report also identifies the organisation (company) responsible for the operation of the respective plant.

Details

Output filename	int901_v[n]_bb_facility_list~yyyymmddhhmmss.csv
Region specific	No
Data resolution	Current records
Trigger event	Upon receipt of new or changed record
Update interval	Not applicable
Access type	Public

Column Name	Data Type	Nullable	Format	Comment
PlantId	int	No	Refer section 2.1	Unique plant identifier
PlantName	varchar(40)	No		Name of the plant
PlantType	char(5)	No		Describes type of plant. Valid entries are: PIPE, PROD or STOR
Zone	varchar(40)	No		Name of the corresponding Zone
OperatorName	varchar(40)	No		Name of the organisation operating the plant
LowRange	int	No		Percentage value used for (low) validation of capacity outlook
HiRange	int	No		Percentage value used for (high) validation of capacity outlook
Exempt	char(1)	No		Specifies whether plant has been excluded for BB purposes. Valid entries are : Y or N
GasDayStartHour	int	No		Specifies the gas day start hour for this specific plant. Valid entries are 0 to 23.
Zoneld	int	No	Refer section 2.1	Unique Zone identifier
OperatorId	int	No		Unique operator identifier
LastUpdate	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time record was last modified
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

PlantId,PlantName,PlantType, Zone,OperatorName,LowRange,HiRange,Excluded,
Zoneld,OperatorId,LastUpdate,ReportDateTime,

530001,DandenongLNG,STOR,Melbourne,VENCorp,20,120,N,530010,30,16 Aug 2007 13:37:00,16 Aug 2007 13:37:32,
530002,BassGas,PROD,Melbourne,VENCorp,20,120,N,530011,30,16 Aug 2007 13:37:32,16 Aug 2007 13:37:32,
530003,EssoLongford, PROD,Gippsland,VENCorp,20,120,N,530012,30,16 Aug 2007 13:37:32,16 Aug 2007 13:37:32,

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4.2 INT902 – Zones List

Overview

This report displays the list of all Production and Demand Zones within the Bulletin Board system.

Details

Output filename	int902_v[n]_zone_list-yyyymmddhhmmss.csv
Region specific	No
Data resolution	Current records
Trigger event	Upon receipt of new or changed record
Update interval	Not applicable
Access type	Public

Column Name	Data Type	Nullable	Format	Comment
ZoneId	int	No	Refer section 2.1	Unique Zone identifier
ZoneName	varchar(40)	No		Name of the Zone
ZoneType	char(5)	No		Type of entry. Valid entries are DZONE, PZONE, JURIS
ZoneDescription	varchar(255)	Yes		Free text description of Zone
LastUpdate	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time record was last modified
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

ZoneId, ZoneName, ZoneType, ZoneDescription, LastUpdate, ReportDateTime,
 550012, Adelaide, DZONE, Adelaide supplied via Cavan and TI/PP CGs, 16 Aug 2007 13:37:32, 16 Aug 2007 13:37:32,
 550013, Moomba, PZONE, Injects to MSP and to MAP, 16 Aug 2007 13:37:32, 16 Aug 2007 13:37:32,
 550014, MAP, Total MAP demand, 16 Aug 2007 13:37:32, 16 Aug 2007 13:37:32,

4.3 INT911 – Standing Capacities

Overview

This region specific report displays the standing nameplate capacity of all BB facilities (as defined in the INT901 report). Nameplate rating relates to maximum daily quantities under normal operating conditions.

Details

Output filename	int911_v[n]_standing_capacities~yyyymmddhhmmss.csv
Region specific	No
Data resolution	Current and future records
Trigger event	Upon receipt and processing of new file
Update interval	Not applicable
Access type	Public

Column Name	Data Type	Nullable	Format	Comment
Plant Name	varchar(40)	No		Name of the plant
PlantType	char(5)	No		Describes type of plant. Valid entries are: PIPE, PROD or STOR
CapacityType	char(5)	No		The type of capacity being detailed. Valid entries are: HCAP, MDQ, RMDQ or WMDQ
CapacityQuantity	numeric 18,1	No		Standing capacity quantity of plant and capacity type
Units	char(5)	No		Unit of measurement. Only TJ is used
EffectiveDate	varchar(40)	No		Date capacity comes into effect
Comments	varchar(255)	Yes		Free text description of record
PlantId	int	No	Refer section 2.1	Unique plant identifier
LastUpdate	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time record was last modified
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

```
PlantName,PlantType,CapacityType,CapacityQuantity,Units,EffectiveDate,Comments,PlantId,LastUpdate,ReportDatetime
Culcairn Int,PIPE,MDQ,50.0 ,TJ,01 Jan 2008,,3020,530014 Nov 2006 18:00:00,16 Aug 2007 13:37:32
Culcairn Int,PIPE,RMDQ,10.0 ,TJ,01 Jan 2008,,3020,530027 Nov 2006 03:00:00,16 Aug 2007 13:37:32
Longford,PIPE,MDQ,1030.0 ,TJ,01 Jan 2008,,3130,530021 Nov 2006 17:00:00,16 Aug 2007 13:37:32
BassGas,PROD,MDQ,67.0 ,TJ,01 Jan 2008,,301,530028 Nov 2006 17:00:00,16 Aug 2007 13:37:32
DandenongLNG,STOR,HCAP,600.0 ,TJ,01 Jan 2008,,300,530020 Nov 2006 12:00:00,16 Aug 2007 13:37:32
```

4.4 INT912 – Standing Peak Day Demand Forecasts

Overview

This report displays the peak day demand forecasts for each of the Zones. The 1 in 2 peak gas day value is shown for each Zone and Jurisdiction for both summer and winter.

Details

Output filename	int912_v[n]_standing_peak_day_demand_forecast-yyyymmddhhmmss.csv
Region specific	No
Data resolution	Current records
Trigger event	Upon receipt and processing of new file
Update interval	Not applicable
Access type	Public

Column Name	Data Type	Nullable	Format	Comment
ZoneName	varchar(40)	No		Name of the Zone
DemandType	char(5)	No		The type of forecast demand being detailed. Valid entries are PSUMM or PWINT
DemandQuantity	numeric 18,1	No		Demand quantity of Zone
Units	char(5)	No		Unit of measurement. Only TJ is used
Zoneld	int	No	Refer section 2.1	Unique Zone identifier
LastUpdate	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time record was last modified
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

```
ZoneName,DemandType,DemandQuantity,Units, Zoneld,LastUpdate,ReportDatetime
NSW/ACT,PSUMM,350,TJ,20,520027 Nov 2006 03:00:00,16 Aug 2007 13:37:32
NSW/ACT, PWINT,460,TJ,20,520019 Nov 2006 06:00:00,16 Aug 2007 13:37:32
Sydney,PSUMM,290,TJ,21,520023 Nov 2006 10:00:00,16 Aug 2007 13:37:32
Sydney,PWINT,370,TJ,21,520021 Nov 2006 17:00:00,16 Aug 2007 13:37:32
```

4.5 INT921 – Linepack Capacity Adequacy

Overview

This report displays the linepack adequacy (flag) for each of the non-exempt pipelines for the next 3 days.

Details

Output filename	int921_v[n]_linepack_adequacy_r_[r]-yyyymmddhhmmss.csv
Region specific	Yes
Data resolution	Current gas day and next 2 gas days (eg. D0, D+1 and D+2)
Trigger event	Hourly, when changes detected
Update interval	Hourly
Access type	Public

Column Name	Data Type	Nullable	Format	Comment
PlantName	varchar(40)	No		Name of the plant
GasDate	varchar(20)		dd MMM yyyy	Date of gas day applicable under either the pipeline contract or market rules
Flag	char(5)	No		Expected adequacy for the gas day. Valid entries are GREEN, AMBER or RED
Description	varchar(255)	Yes		Free text description of record
PlantId	int	No	Refer section 2.1	Unique plant identifier
LastUpdated	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time record was last modified
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

```
PlantName, GasDate, NominationType, Flag, Description, PlantId, LastUpdate, ReportDateTime
DandenongLNG, 15 Aug 2007, Red, LNG sched at > 100t/h from 6 pm, 530001, 15 Aug 2007 18:00:00, 15 Aug 2007 18:32:00
DandenongLNG, 16 Aug 2007, Amber, LNG sched at <= 100t/h at 2pm, 530001, 15 Aug 2007 10:00:00, 15 Aug 2007 18:32:00
DandenongLNG, 17 Aug 2007, Green, 530001, 14 Aug 2007 21:00:00, 15 Aug 2007 18:32:00
MSP, 15 Aug 2007, Red, level 4 load shedding as per AA from 2pm, 554120, 15 Aug 2007 14:00:00, 15 Aug 2007 18:32:00
MSP, 16 Aug 2007, Green, 554120, 15 Aug 2007 14:00:00, 15 Aug 2007 18:32:00
```

4.6 INT922 – Capacity Outlook

Overview

This report displays the capacity outlook for each of BB pipeline and each BB facility for the next 3 days. The outlook capacity type will be dependant upon the type of plant eg. production and storage facilities will report production capacity, pipelines will report transmission capacity whilst interconnects will report transmission capacity and reverse transmission capacity.

Details

Output filename	int922_v[n]_capacity_outlook_r_[r]-yyyymmddhhmmss.csv
Region specific	Yes
Data resolution	Current gas day and next 2 gas days (eg. D0, D+1 and D+2)
Trigger event	Hourly, when changes detected
Update interval	Hourly
Access type	Public

Column Name	Data Type	Nullable	Format	Comment
PlantName	varchar(40)	No		Name of the plant
GasDate	varchar(20)		dd MMM yyyy	Date of gas day applicable under either the pipeline contract or market rules
OutlookType	char(5)	No		Type of capacity being reported. Valid entries are PRODC, TRANC or REVC
OutlookQuantity	numeric 18,1	No		Outlook capacity quantity expressed in TJ's
Units	char(5)	No		Unit of measurement. Only TJ is used
Description	varchar(255)	Yes		Free text description of record
Quality	char(5)	No		Expression of data quality. Valid entries are OK, OOR, M, S1 or S2
PlantId	int	No	Refer section 2.1	Unique plant identifier
LastUpdated	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time record was last modified
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

```
PlantName,GasDate,NominationType,OutlookType,OutlookQuantity,Units,Description,Quality,PlantId,LastUpdate,ReportDateTime
VicHub,15 Aug 2007,TRANC,120,TJ,,OK,530131,15 Aug 2007 06:00:00,15 Aug 2007 07:30:00
VicHub,16 Aug 2007,TRANC,120,TJ,,OK,530131,15 Aug 2007 06:00:00,15 Aug 2007 07:30:00
VicHub,15 Aug 2007,REVC,120,TJ,,OK,530131,15 Aug 2007 06:00:00,15 Aug 2007 07:30:00
VicHub,16 Aug 2007,REVC,120,TJ,,OK,530131,15 Aug 2007 06:00:00,15 Aug 2007 07:30:00
TGPP,15 Aug 2007,TRANC,80,TJ,,OK,570160,15 Aug 2007 07:00:00,15 Aug 2007 07:30:00
TGPP,16 Aug 2007,TRANC,80,TJ,,OK,570160,15 Aug 2007 07:00:00,15 Aug 2007 07:30:00
TGPP,17 Aug 2007,TRANC,80,TJ,,OK,570160,15 Aug 2007 07:00:00,15 Aug 2007 07:30:00
```

4.7 INT923 – Forecast Pipeline Flows

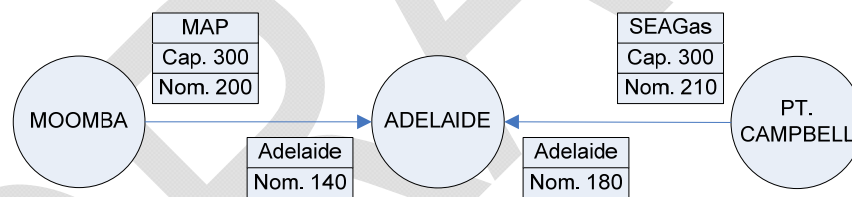
Overview

This report displays the forecast pipeline flows for each of the BB pipelines for the outlook period. Provision is made for an outlook period of up to 7 days. The Victorian market will use scheduled injections to represent the (whole PTS) Zonal Forecast. The outlook period for the Victorian market is 3 days, being the current and next 2 gas days.

Typically, NominationQuantity values are associated with a Demand Zone, however in some cases, such quantities can relate to deliveries into Production Zones. Where the forecast applies to a bidirectional pipeline or interconnect, the NominationQuantity reported would be positive for flow in the default direction and negative by exception.

The following example illustrates a scenario where multiple Production Zones deliver gas to a common Demand Zone or hub. Using the conventions established in this example, it should be possible to interpret the data for any BB scenario.

The region serviced by the MAP pipeline and its laterals is shown as Nom. 200 and is inclusive of the corresponding Adelaide hub value shown as Nom. 140. Similarly, the region serviced by the SEAGas pipeline and its laterals is shown as Nom. 210 and is inclusive of the corresponding Adelaide hub value shown as Nom. 180. The total forecast for the Adelaide hub is the aggregation of the 140 and 180 nominations. An associated PlantId is reported with each of these records so that it is possible to determine the orientation / association of each of the forecasts (eg. so it is possible to differentiate between the 2 Adelaide forecasts, and associate the 140 forecast with Moomba and the 180 forecast with Port Campbell respectively).



Details

Output filename	int923_v[n]_forecast_pipeline_flow_r_[r]-yyyymmddhhmmss.csv
Region specific	Yes
Data resolution	Outlook period as defined under either the pipeline contract or market rules
Trigger event	Hourly, when changes detected
Update interval	Hourly
Access type	Public

Column Name	Data Type	Nullable	Format	Comment
PlantName	varchar(40)	No		Name of the Plant
ZoneName	varchar(40)	No		Name of the Zone
GasDate	varchar(20)		dd MMM yyyy	Date of gas day applicable under either the pipeline contract or market rules

Column Name	Data Type	Nullable	Format	Comment
NominationType	char(5)	No		Type of forecast. Valid entries are FIRMN, FIRMR, FCNOM, D+0, D+1 or D+2
NominationQuantity	numeric 18,1	No		Nomination quantity expressed in TJ's
Units	char(5)	No		Unit of measurement. Only TJ is used
Description	varchar(255)	Yes		Free text description of record
Quality	char(5)	No		Expression of data quality. Valid entries are OK, OOR, M, S1 or S2
PlantId	int	No	Refer section 2.1	Unique plant identifier
ZoneId	int	No	Refer section 2.1	Unique Zone identifier
LastUpdated	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time record was last modified
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

PlantName,ZoneName,GasDate,NominationType,NominationQuantity,Units,Quality,PlantId, ZoneId,LastUpdate,ReportDatetime
 EGP,Sydney,16 Aug 2007,FCNOM,35,TJ,OK,570160,570060,14 Aug 2006 18:00:00,15 Aug 2007 07:30:00
 EGP,Sydney,15 Aug 2007,FCNOM,40,TJ,OK,570160,570060,14 Aug 2006 18:00:00,15 Aug 2007 07:30:00
 EGP,Sydney,14 Aug 2007,FCNOM,45,TJ,OK,570160,570060,14 Aug 2006 18:00:00,15 Aug 2007 07:30:00
 EGP,Canberra,13 Aug 2007,FCNOM,50,TJ,OK,570160,570060,14 Aug 2006 18:00:00,15 Aug 2007 07:30:00
 EGP,Sydney,13 Aug 2007,FIRMR,55,TJ,OK,570160,570060,14 Aug 2006 18:00:00,15 Aug 2007 07:30:00

4.8 INT924 – Actual Flows 7 Day

Overview

This report displays the actual / historical production and pipeline delivery (Victorian PTS injections) data for all of the BB facilities for a rolling 7 days.

Details

Output filename	int924_v[n]_actual_flow_7_day_r_[r]~yyyymmddhhmmss.csv
Region specific	Yes
Data resolution	Rolling 7 days
Trigger event	Hour to be decided
Update interval	Daily
Access type	Public

Column Name	Data Type	Nullable	Format	Comment
PlantName	varchar(40)	No		Name of the plant
ZoneName	varchar(40)	No		Name of the Zone
GasDate	varchar(20)		dd MMM yyyy	Date of gas day applicable under either the pipeline contract or market rules
FlowType	char(5)	No		Type of flow. Currently, the only valid entry is OPFLW
ActualQuantity	numeric 18,1	No		Actual quantity flowed expressed in TJ's
Units	char(5)	No		Unit of measurement. Only TJ is used
Quality	char(5)	No		Expression of data quality. Valid entries are OK, OOR, M, S1 or S2
PlantId	int	No	Refer section 2.1	Unique plant identifier
Zoneld	int	No	Refer section 2.1	Unique Zone identifier
LastUpdated	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time record was last modified
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

PlantName, ZoneName, GasDate, FlowType, ActualQuantity, Units, Quality, PlantId, Zoneld, LastUpdate, ReportDatetime
 Moomba,, 13 Aug 2007, OPFLW, 467, TJ, Ok, 550400,, 14 Aug 2007 18:00:00, 16 Aug 2007 13:37:32
 Moomba,, 14 Aug 2007, OPFLW, 478, TJ, Ok, 550400,, 15 Aug 2007 18:00:00, 16 Aug 2007 13:37:32
 Moomba,, 15 Aug 2007, OPFLW, 490, TJ, Ok, 550400,, 16 Aug 2007 18:00:00, 16 Aug 2007 13:37:32
 SEA Gas, Adelaide, 13 Aug 2007, OPFLW, 278, TJ, Ok, 550241, 550022, 14 Aug 2007 18:00:00, 16 Aug 2007 13:37:32
 SEA Gas, SEAGas, 14 Aug 2007, OPFLW, 292, TJ, Ok, 550241, 550023, 15 Aug 2007 18:00:00, 16 Aug 2007 13:37:32

4.9 INT925 – Actual Flows Prev Month

Overview

This report displays the actual / historical production and pipeline delivery (Victorian PTS injections) data for all of the non-exempt plant. This report is generated 7 days after the completion of each month covering the previously completed month.

Details

Output filename	int924_v[n]_actual_flow_prev_month_r_[r]-yyyymmddhhmmss.csv
Region specific	Yes
Data resolution	Previous completed month
Trigger event	Month + 7 days
Update interval	Monthly
Access type	Public

Column Name	Data Type	Nullable	Format	Comment
PlantName	varchar(40)	No		Name of the plant
ZoneName	varchar(40)	No		Name of the Zone
GasDate	varchar(20)		dd MMM yyyy	Date of gas day applicable under either the pipeline contract or market rules
FlowType	char(5)	No		Type of flow. Currently, the only valid entry is OPFLW
ActualQuantity	numeric 18,1	No		Actual quantity flowed expressed in TJ's
Units	char(5)	No		Unit of measurement. Only TJ is used
Quality	char(5)	No		Expression of data quality. Valid entries are OK, OOR, M, S1 or S2
PlantId	int	No	Refer section 2.1	Unique plant identifier
Zoneld	int	No	Refer section 2.1	Unique Zone identifier
LastUpdated	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time record was last modified
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

PlantName, ZoneName, GasDate, FlowType, ActualQuantity, Units, Quality, PlantId, Zoneld, LastUpdate, ReportDatetime
 Moomba,,13 Aug 2007,OPFLW,467,TJ,Ok,550400,,14 Aug 2007 18:00:00,16 Aug 2007 13:37:32
 Moomba,,14 Aug 2007,OPFLW,478,TJ,Ok,550400,,15 Aug 2007 18:00:00,16 Aug 2007 13:37:32
 Moomba,,15 Aug 2007,OPFLW,490,TJ,Ok,550400,,16 Aug 2007 18:00:00,16 Aug 2007 13:37:32
 SEA Gas,Adelaide,13 Aug 2007,OPFLW,278,TJ,Ok,550241,550022,14 Aug 2007 18:00:00,16 Aug 2007 13:37:32
 SEA Gas,SEAGas,14 Aug 2007,OPFLW,292,TJ,Ok,550241,550023,15 Aug 2007 18:00:00,16 Aug 2007 13:37:32

4.10 INT931 – Registered BB Contacts

Overview

This report displays the registered user list for the different participants on the Bulletin Board.

Details

Output filename	int931_v[n]_registered_bb_contact~yyymmddhhmmss.csv
Region specific	No
Data resolution	Current records
Trigger event	Not applicable
Update interval	Daily
Access type	Public

Column Name	Data Type	Nullable	Format	Comment
PersonId	int	No		Unique person identifier
PersonName	varchar(40)	No		Name of person
CompanyName	varchar(40)	No		Name of company person is associated with
Title	varchar(40)	No		Job title of person
Phone	varchar(20)	Yes		Landline phone of person
Fax	varchar(20)	Yes		Facsimile of person
Mobile	varchar(20)	Yes		Mobile phone of person
Email	varchar(255)	Yes		Email address of person
CompanyId	int	No		Unique company identifier
LastUpdated	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time record was last modified
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

PersonId,PersonName,CompanyName,Title,Phone,Fax,Mobile,Email,CompanyId,LastUpdate,ReportDatetime
 1201,Terry Grimwade,VENCorp,Manager Mkt
 Ops,61386646610,61386646512,418589856,terry.grimwade@vencorp.vic.gov.au,30,14 Aug 2007 07:30:00,15 Aug 2007
 07:30:00

4.11 INT933 – Registered BB Participants

Overview

This report displays details of all companies that comprise the participants of the Bulletin Board.

Details

Output filename	int933_v[n]_registered_bb_participant~yyyymmddhhmmss.csv
Region specific	No
Data resolution	Current records
Trigger event	Not applicable
Update interval	Daily
Access type	Public

Column Name	Data Type	Nullable	Format	Comment
CompanyId	int	No		Unique company identifier
CompanyName	varchar(40)	No		Name of company
ABN				Australian Business Number of company
AddressType	varchar(40)			Type of address eg. Head Office, Postal Address etc.
Address	varchar(120)	No		Address of company based on AddressType
Locale	varchar(40)	No		City location of company
Jurisdiction	char(5)	No		State location of company
Postcode	char(10)	No		Postcode of company
CompanyPhone	varchar(20)	Yes		Main (reception) phone of company
CompanyFax	varchar(20)	Yes		Main (reception) facsimile of company
LastUpdated	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time record was last modified
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

CompanyId,CompanyName,Address,Locale,Jurisdiction,Postcode,CompanyPhone,CompanyFax,LastUpdate,ReportDatetime
 30,VENCorp,Level 2 Yarra Twr WTC Siddeley St,Melbourne,Vic,8001,61386646610,61386646512,14 Aug 2007 07:30:00,15
 Aug 2007 07:30:00

4.12 INT941 – Supply Capacity Notifications

Overview

One of the objectives of the Bulletin Board is to provide a mechanism for interested parties to trade gas and capacities. This report displays all the current supply or capacity offer information provided by the users.

Details

Output filename	int941_v[n]_supply_capacity_notification_r_[r]~yyyymmddhhmmss.csv
Region specific	Yes
Data resolution	Current records
Trigger event	Upon receipt and processing of new file
Update interval	Not applicable
Access type	Public

Column Name	Data Type	Nullable	Format	Comment
OfferId	int	No		Unique offer identifier
PlantName	varchar(40)	No		Name of plant
OfferType	char(5)	No		Type of offer. Valid entries are TRANC or GAS
MDQ	numeric (18,1)	No		Maximum Daily Quantity offered
MHQ	numeric (18,1)	No		Maximum Hourly Quantity offered
Units	char(5)	No		Unit of measurement. Only TJ is used
Service	varchar(255)	Yes		Free text description of offer
Status	char(5)	No		Status of offer. Valid entries are O or C
EffectiveDate	varchar(20)	No	dd MMM yyyy	Date offer takes effect
TerminationDate	varchar(20)	No	dd MMM yyyy	Date that offer terminates
CompanyName	varchar(40)	No		Address of company based on AddressType
PersonName	varchar(40)	No		Name of person
Phone	varchar(20)	Yes		Landline phone of person
Fax	varchar(20)	Yes		Facsimile of person
Mobile	varchar(20)	Yes		Mobile phone of person
Email	varchar(255)	Yes		Email address of person
PlantId	int	No	Refer section 2.1	Unique plant identifier
CompanyId	int	No		Unique company identifier
PersonId	int	No		Unique person identifier
LastUpdated	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time record was last modified

Column Name	Data Type	Nullable	Format	Comment
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

OfferId,PlantName,OfferType,MDO,MHQ,Units,Service,Status,EffectiveDate,TerminationDate,CompanyName,PersonName,Phone,Fax,Mobile,Email,PlantId,CompanyId,PersonId,LastUpdate,ReportDatetime
 23,MAP,TRANC,10.0,0.5,TJ,Transmission Capacity available,O,14 Aug 2007,14 Aug 2008,EPIC,S
 Livens,6138886666,61388886661,417653421,s.livens@epic.com.au,4240,40,41,14 Aug 2007 07:30:00,15 Aug 2007 07:30:00
 24,IonaUGS,GAS,40.0,2.0,TJ,,O,14 Aug 2007,14 Aug 2008,EPIC,S
 Livens,6138886666,61388886661,417653422,s.livens@epic.com.au,320,40,41,14 Aug 2007 07:30:00,15 Aug 2007 07:30:00
 25,MSP,TRANC,24.0,1.0,TJ,,O,14 Aug 2007,14 Aug 2008,EPIC,S
 Livens,6138886666,61388886661,417653423,s.livens@epic.com.au,4120,40,41,14 Aug 2007 07:30:00,15 Aug 2007 07:30:00
 30,SEA Gas,TRANC,40.0,2.0,TJ,,O,14 Aug 2007,14 Aug 2008,EPIC,S
 Livens,6138886666,61388886661,417653424,s.livens@epic.com.au,3240,40,41,14 Aug 2007 07:30:00,15 Aug 2007 07:30:00

DRAFT

4.13 INT942 – Emergency Status (Public access report)

Overview

One of the objectives of the Bulletin Board is to provide information in the event of an emergency. Once the emergency section of the Bulletin Board is activated, Registered Participants can upload emergency status updates. Utilising this information (presumably as well as information from other sources), the Government / NGERAC will develop authorised statements. Note that the BBO cannot provide any other updates except those authorised for publication by the Government / NGERAC. This report contains the emergency information as provided by the Government or NGERAC.

Details

Output filename	int942_v[n]_emergency ~yyyymmddhhmmss.csv
Zone specific	No
Data resolution	Current records
Trigger event	Upon receipt and processing of new file
Update interval	Not applicable
Access type	Public

Column Name	Data Type	Nullable	Format	Comment
EventId	int	No		Unique event identifier
CompanyName	varchar(40)	No		Name of company providing the update
PersonName	varchar(40)	No		Name of person providing the update
Title	varchar(40)	No		Job title of person providing the update
EmergencyStatus	varchar(500)	Yes		Free text description of emergency
PersonId	int	No		Unique person identifier
CompanyId	int	No		Unique company identifier
LastUpdated	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time record was last modified
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

EventId,CompanyName,PersonName,Title,EmergencyStatus,CompanyId,PersonId,LastUpdate,ReportDatetime
 123,NGERAC,Bill Bang,Chair NGERAC,"An explosion at the Moomba occurred on 15/8/2007 at 2pm. No injuries occurred to personnel. Gas supplies have ceased and is not expected back for 24h. Work crews on the scene are repairing/replacing damaged plant. Alternative gas supplies for NSW/ACT and SA are being sourced from Victoria, however, some load shedding of industry has been required in SA and NSW.",1,13,16 Aug 2007 12:00:00,16 Aug 2007 12:00:00

4.14 INT943 – Emergency Information

Overview

One of the objectives of the Bulletin Board is to provide information in the event of an emergency. Once the emergency section of the Bulletin Board is activated by NGERAC or a jurisdiction, registered Participants can upload emergency status updates. This report contains the emergency information uploaded by the authorised participants. The guidelines for information provision are in the NGERAC Emergency procedures or the relevant jurisdiction's emergency procedures. This report is only available to registered Participants and its use is not mandatory.

Details

Output filename	int943_v[n]_emergency_status~yyyymmddhhmmss.csv
Region specific	No
Data resolution	Current records
Trigger event	Upon receipt and processing of new file
Update interval	Not applicable
Access type	Registered Users

Column Name	Data Type	Nullable	Format	Comment
EventId	int	No		Unique event identifier
CompanyName	varchar(40)	No		Name of company providing the update
PersonName	varchar(40)	No		Name of person providing the update
Title	varchar(40)	No		Job title of person providing the update
Mobile	varchar(20)	Yes		Mobile phone number of person providing the update
EventType	varchar(20)	No		Free text field for event / information type used according to NGERAC or jurisdiction's emergency procedures
Information	varchar(500)	No		Free text description of emergency update
PersonId	int	No		Unique person identifier
CompanyId	int	No		Unique company identifier
LastUpdated	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time record was last modified
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

EventId,CompanyName,PersonName,Title,Mobile,EventType,Information,PersonId,CompanyId,LastUpdate,ReportDatetime
 23,NGERAC,B Jarvis,Chair,0412 345 678,Load Shedding,NGERAC to convene by phone 10 AM 17/8/07,10001,1,8/16/2007
 16:15,8/16/2007 17:27

23,Santos,R Wilkinson,Manager,0423 456 789,NEM Imparct,"Fire extinguished, damage to plant, if not severe supply to
 recommence from 12pm 17/8/07 ramping up to full capacity over 12h",4002,2,8/16/2007 16:00,8/16/2007 17:27

23,SEA Gas,J Cooke,Manager,0434 567 890,Load Shedding,Linepack in SEA Gas is high and noms today of 200TJ are under
 capacity of 300TJ - potential to increase supply to Adelaide,4003,3,8/16/2007 15:30,8/16/2007 17:27

4.15 INT944 – Transaction Log

Overview

This report documents transaction details of files submitted by Participants that have been processed by the Bulletin Board Operator. Successful transactions are logged together with files that have failed validation. Participants will only be able to access transaction details pertaining to their own files.

Details

Output filename	int944_v[n]_transaction_log_r_[r]-yyyymmddhhmmss.csv
Region specific	No
Data resolution	Current records
Trigger event	Upon receipt, processing and failure of a new file
Update interval	Not applicable
Access type	Participant (as dictated by the [r] value in the filename)

Column Name	Data Type	Nullable	Format	Comment
AlarmNo	int	No		Unique alarm identifier
ErrorCode	int	No		Error code as defined in Participant Build Pack
ErrorDescription	varchar(255)	No		Details of error
CompanyName	varchar(40)	No		Company name of file provider
FileName	varchar(255)	No		Name of file that errored
ErrorRow	varchar(255)	No		Content of the csv row that failed (only provided where the error description is not enough to identify the row).
LastUpdated	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time file was processed
ReportDateTime	varchar(20)	No	dd MMM yyyy hh:mm:ss	Date and time report was produced

Sample file

AlarmNo,ErrorCode,ErrorDescription,CompanyName,FileName,ErrorRow,LastUpdated,ReportDateTime
 12345,40,The PlantId provided does not exist on the database,Love Gas,123_LinepackAdequacy_20070503131500.CSV,3,01
 Feb 2003 04:05:06,02 Feb 2003 04:05:06

4.16 INT945 – Map Data

Overview

The bulletin board system contains an interactive flash map with current gas day pipeline capacity and pipeline flow data by zone. This report is to be used as an input for the map, not for direct use by end users.

Details

Output filename	int945_v[n]_map_data~yyyymmddhhmmss.csv
Region specific	No
Data resolution	Current records
Trigger event	Not applicable
Update interval	Hourly
Access type	Public

Column Name	Data Type	Nullable	Format	Comment
Plant_Id	int	No		
Hub_Id	int	No		
Display_Key	varchar(20)	No		
Display_Value	varchar(255)	No		
Gas_Date	Varchar(20)			

Sample file

```
<?xml version="1.0" encoding="UTF-16LE" standalone="no" ?>
<data>
<plant_id>530049</plant_id>
<hub_id>0</hub_id>
<display_key>CAP</display_key>
<display_value>500</display_value>
</data_row>
<plant_id>530049</plant_id>
<hub_id>0</hub_id>
<display_key>NOM</display_key>
<display_value>400</display_value>
</data_row>
<data_row>
<plant_id>530049</plant_id>
<hub_id>0</hub_id>
<display_key>LCA_FLAG</display_key>
<display_value>GREEN</display_value>
</data_row>
</data>
```