



Declared Wholesale Gas Market: Settlement Reconciliation Mapping

December 2022

A guide for participants to help reconcile provisional market and settlement data for the
Declared Wholesale Gas Market

Important notice

PURPOSE

Australian Energy Market Operator (AEMO) has prepared this document to provide information about the Declared Wholesale Gas Market (DWGM) for natural gas as at the date of publication.

DISCLAIMER

This document or the information in it may be subsequently updated or amended. This document does not constitute legal or business advice and should not be relied on as a substitute for obtaining detailed advice about the National Gas Law, the National Gas Rules, or any other applicable laws, procedures or policies. AEMO has made every effort to ensure the quality of the information in this document but cannot guarantee its accuracy or completeness.

Accordingly, to the maximum extent permitted by law, AEMO and its officers, employees and consultants involved in the preparation of this document:

- make no representation or warranty, express or implied, as to the currency, accuracy, reliability or completeness of the information in this document; and
- are not liable (whether by reason of negligence or otherwise) for any statements or representations in this document, or any omissions from it, or for any use or reliance on the information in it.

VERSION CONTROL

Version	Release date	Changes
1	1/09/2020	Initial Publication
2	1/12/2022	Updated according to changes in Ancillary and Uplift Payment calculations following DWGM Rule Change implementation on 1 Jan 2023

Contents

1.	Introduction	4
1.1	Abbreviations	4
1.2	Market Information Bulletin Board (MIBB) reports	4
2.	Settlement Reconciliation Mapping	6
2.1	Reconciliation Mapping	6

Tables

Table 1	Abbreviations	4
Table 2	Reconciliation Mapping	7

1. Introduction

AEMO provides this guidance to participants to help them reconcile provisional market data and settlement data provided.

The following pages illustrate the use of Market Information Bulletin Board (MIBB) reports for the reconciliation of both provisional and settlement data. It provides information for participants about where the AEMO's MIBB reports originate and helps them in understanding the relationships between the settlement calculations and the MIBB reports.

For a full understanding of the settlement processes, it is recommended that readers refer to the [DWGM Procedures](#) documents relevant to settlement.

For details of all the MIBB reports, it is recommended that readers refer to the [User Guide to MIBB Reports](#).

1.1 Abbreviations

Table 1 Abbreviations

Term	Expanded Name
AEMO	Australian Energy Market Operator
AGINO	Actual Gas Injection Negative Offset
AGWNO	Actual Gas Withdrawal Negative Offset
DWGM	Declared Wholesale Gas Market
MIBB	Market Information Bulletin Board
SEA	Service Envelope Agreement
UAFG	Unaccounted for gas

1.2 Market Information Bulletin Board (MIBB) reports

Below is a list of the MIBB reports that may be used by participants to assist in reconciling provisional data and settlement data.

Market data is divided into two groups:

- Provisional data, which may be revised prior to billing period settlement; and
- Settlement data, upon which billing period settlement is calculated.

As data may be updated prior to settlement, it is important that participants do not use provisional data for reconciling settlement statements.

Only use settlement MIBB reports for the purpose of reconciling settlement data. All MIBB reports for settlement have a settlement version ID and are linked to data for that settlement run. Reports of provisional settlement calculations that are not settlement reports only reflect provisional data current when at the time report was generated and should not be used to reconcile settlement statements.

1.2.1 Provisional data reports

Reports that are only relevant to provisional calculations:

- INT041 Market and Reference Prices
- INT135 Uplift Cap
- INT151 Operational and Market Schedules
- INT153 Demand Forecast
- INT282 Imbalance Allocation
- INT055 Metering Registration Data
- INT088 Adjusted Metering Data by Distributor by Market Participant
- INT089 AEMO Linepack Account Balance
- INT116 Participant Specific Ancillary Payments Reports Day + 3
- INT149 Metering Data Daily
- INT290b Uplift Breakdown (participant)
- INT322b Uplift Breakdown (public)
- INT312 Settlement Activity

1.2.2 Settlement data reports

Reports that are only relevant to settlement calculations:

- INT041 Market and Reference Prices
- INT135 Uplift Cap
- INT151 Operational and Market Schedules
- INT153 Demand Forecast
- INT282 Imbalance Allocation
- INT055a Metering Registration Data for 1 Month
- INT116b Participant Specific Ancillary Payments
- INT127 Settlement Linepack
- INT138 Settlement Version
- INT254 Publish Metering Data Monthly
- INT290a Uplift Breakdown (participant)
- INT322a Uplift Breakdown (public)
- Settlement statement

2. Settlement Reconciliation Mapping

The table on the following pages summarises the sources of various market data, provisional data and settlement data, which participants will need for reconciling settlements.

2.1 Reconciliation Mapping

The table on the following pages lists the MIBB data sources organised under column headings:

- “Time period”: the data relates to a day or a billing period; or whether it is a standing market parameter.
- “Provisional data”: whether the provisional data is available to participants and, if so, where it can be found.
- “Settlement data”: whether the settlement data is available to participants and, if so, where it can be found.

For key calculations, a reference is provided to relevant sections in the DWGM Rules (R) or the DWGM Procedures (P) as well as the input data to the settlement calculations

Table 2 Reconciliation Mapping

Data Type	Time Period	Provisional Data	Settlement Data	Reference (R=DWGM Rule) (P=DWGM Procedure)	Settlement calculation and input data
Metering registration data	Daily	INT055	INT055a		Meters need to be 'billing' status to be included in settlements.
Metering data	Daily	INT149	INT254		Identify grouping characteristics from metering Registration Report. Use uafg_adj_gj Note - INT149 requires withdrawal meters to have a contestability date set before they are visible. The report also shows injection meters and logical meters that aggregate profiles basic meters by distributor and withdrawal zone. INT254 shows all meters for which the market participant is FRO
Market price	Daily		INT041		
Operating schedule	Daily		INT151		OS
Pricing schedule	Daily		INT151		MS
Demand forecast	Daily		INT153		
Imbalance injection quantity	Daily		INT282		<ul style="list-style-type: none"> Actual injection quantity Note – this does not change once published
Imbalance withdrawal quantity	Daily		INT282		<ul style="list-style-type: none"> Operating schedule adjusted withdrawal quantity Note – this does not change once published
Imbalance injection amount	Daily		INT282	R235	<ul style="list-style-type: none"> Imbalance injection quantity Market price Note – this does not change once published
Imbalance amount - injection	Billing Period		INT094 Settlement Statement	R235	IMB_I
Imbalance withdrawal amount	Daily		INT282	R235	<ul style="list-style-type: none"> Imbalance withdrawal quantity Market price

Data Type	Time Period	Provisional Data	Settlement Data	Reference (R=DWGM Rule) (P=DWGM Procedure)	Settlement calculation and input data
					Note – this does not change once published
Imbalance amount - withdrawal	Billing Period		INT094 Settlement Statement		IMB_W
Total imbalance payments	Daily	INT089	INT127		
Total deviation payments	Daily	INT089	INT127		
Participant total withdrawal quantity	Daily	INT088	INT127		<ul style="list-style-type: none"> Participant adjusted withdrawal quantity
System total withdrawal quantity	Daily	INT312	INT127		<ul style="list-style-type: none"> System total adjusted withdrawal quantity
Linepack account payment	Daily	INT089	INT127	R242	<ul style="list-style-type: none"> Total imbalance payments Total deviation payments Participant total withdrawal quantity System total withdrawal quantity
Linepack account clearance	Billing Period	INT089 INT150 INT149 INT55	INT094 Settlement Statement		
Deviation injection quantity	Daily	INT283	INT283a		<ul style="list-style-type: none"> Operating schedule injection quantity Actual injection quantity
Deviation withdrawal quantity	Daily	INT283	INT283a		<ul style="list-style-type: none"> Operating schedule withdrawal quantity Actual adjusted withdrawal quantity
Deviation price (Market price of the next scheduling interval)	Daily	INT283	INT283a		
Deviation injection amount	Daily	INT283	INT283a	R235	<ul style="list-style-type: none"> Deviation injection quantity Deviation price

Data Type	Time Period	Provisional Data	Settlement Data	Reference (R=DWGM Rule) (P=DWGM Procedure)	Settlement calculation and input data
Deviation amount - injection	Billing period		INT094 Settlement Statement		DEV_I
Deviation withdrawal amount	Daily	INT283	INT283a	R235	<ul style="list-style-type: none"> Deviation withdrawal quantity Deviation price
Deviation amount - withdrawal	Billing Period		INT094 Settlement Statement		DEV_W
					<ul style="list-style-type: none">
Positive/Negative average ancillary payment rate	Daily		INT135	Wholesale Gas Market Ancillary Payment Procedures (Victoria) v3.0 P8	<ul style="list-style-type: none"> Positive/Negative final ancillary payment Positive/Negative constrained injection quantity Positive/Negative constrained withdrawal quantity
DTS SP uplift quantity	Daily	INT322b	INT322a	Wholesale Market Uplift Payment Procedures (Victoria) v.4.1 P4.2	<ul style="list-style-type: none"> Total uplift payment quantity SEA ancillary quantity
DTS SP event liability cap exceedance quantity	Daily	INT322b	INT322a	Wholesale Market Uplift Payment Procedures (Victoria) v.4.1 P5.3	<ul style="list-style-type: none"> DTS SP event liability cap exceedance amount Positive average ancillary payment rate
DTS SP annual liability cap exceedance quantity	Daily	INT322b	INT322a	Wholesale Market Uplift Payment Procedures (Victoria) v.4.1 P6.3	<ul style="list-style-type: none"> DTS SP annual liability cap exceedance amount Positive average ancillary payment rate
Surprise uplift quantity	Daily	INT290b	INT290a	Wholesale Market Uplift Payment Procedures (Victoria) v4.1 P7.4	<ul style="list-style-type: none"> Actual adjusted withdrawal quantity Actual injection quantity Effective demand forecast quantity Operating schedule quantity Operating schedule controllable withdrawal quantity
Common uplift quantity	Daily	INT290b	INT290a	Wholesale Market Uplift Payment Procedures (Victoria) v4.1 P8.3	<ul style="list-style-type: none"> Total common uplift quantity Actual adjusted withdrawal quantity

Data Type	Time Period	Provisional Data	Settlement Data	Reference (R=DWGM Rule) (P=DWGM Procedure)	Settlement calculation and input data
DTS SP uplift amount	Daily	INT322b	INT322a	Wholesale Market Uplift Payment Procedures (Victoria) v.4.1 P4.3	<ul style="list-style-type: none"> DTS SP uplift quantity Positive average ancillary payment rate
DTS SP event liability cap exceedance amount	Daily	INT322b	INT322a	Wholesale Market Uplift Payment Procedures (Victoria) v.4.1 P5.2	<ul style="list-style-type: none"> DTS SP uplift quantity Event cap Positive average ancillary payment rate
DTS SP annual liability cap exceedance amount	Daily	INT322b	INT322a	Wholesale Market Uplift Payment Procedures (Victoria) v.4.1 P6.2	<ul style="list-style-type: none"> Annual cap Prior annual liability cap exceedance amount Current annual liability cap exceedance amount
Surprise uplift amount	Daily	INT290b	INT290a	Wholesale Market Uplift Payment Procedures (Victoria) v4.1 P7.5	<ul style="list-style-type: none"> Positive/Negative surprise uplift quantity Positive/Negative uplift payment rate Positive means a charge, negative means a payment
Common uplift amount	Daily	INT290b	INT290a	Wholesale Market Uplift Payment Procedures (Victoria) v4.1 P8.2	<ul style="list-style-type: none"> Total uplift payment DTS SP uplift amount DTS SP event liability cap exceedance amount DTS SP annual liability cap exceedance amount Surprise uplift payment Actual adjusted withdrawal quantity Positive means a charge, negative means a payment
Uplift charge	Billing Period		INT094 Settlement Statement		UPL
Operating schedule bid step price	Daily	INT041			
AGINO	Daily	Can be derived from INT151, INT149	Can be derived from INT151, INT254	Wholesale Gas Market Ancillary Payment Procedures (Victoria) v3.0 P5.1	<ul style="list-style-type: none"> Operating schedule injection quantity Actual injection quantity

Data Type	Time Period	Provisional Data	Settlement Data	Reference (R=DWGM Rule) (P=DWGM Procedure)	Settlement calculation and input data
AGWNO	Daily	Can be derived from INT151, INT149	Can be derived from INT151, INT254	Wholesale Gas Market Ancillary Payment Procedures (Victoria) v3.0 P5.2	<ul style="list-style-type: none"> Operating schedule withdrawal quantity Actual withdrawal quantity
Ancillary payment	Daily	INT116	INT116b	Wholesale Gas Market Ancillary Payment Procedures (Victoria) v3.0 P7	<ul style="list-style-type: none"> Operating schedule injection quantity Operating schedule withdrawal quantity AGINO AGWNO Effective pricing schedule quantity Market price Operating schedule bid step price Negative means a charge, positive means a payment
Ancillary payment	Billing Period		INT094 Settlement Statement		ANC
Market fees	Market Parameter	AEMO website		R Part19, Retail Market Procedures	
Participant compensation fund	Market Parameter	AEMO website		R Part19 Subdivision 4	
Interest	Settlement Run		INT138		

Note:

1. INT282 Imbalance Allocation report does not include settlement ID as it remains unchanged from the point it is calculated (D+1) to its use in settlements.
2. Data in most of the MIBB reports are time stamped. Use the relevant data for the settlement run.