

**Subject**            **Notice by the Industry Body (Gas Industry Co) under rule 25 of the Gas (Downstream Reconciliation) Rules 2008 specifying information exchange file formats**

**Version**            **2.0**

**Date**                **5 October 2017**

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**1. Revision History**

<b>Version</b>	<b>Release Date</b>	<b>Author</b>	<b>Description</b>
1.1	25 August 2008	IEFFWG	Initial document
1.2	3 November 2008	Gas Industry Co	Removal of VECT code for Vector Transmission Update to GAS030, GAS070, GAR010, GAR020, GAR030, GAR040, GAR050, GAR070 and GAR080 file format descriptions
2.0	5 October 2017	Grace Clapperton-Rees	References to First Gas as transmission system owner (instead of Maui Development Limited and Vector Transmission)  Update to the GAR090 file format  Update to include file formats for GAR100, GAR110, GAR130A, GAR140, GAR150, GAR160, GAR170, GAR180 and GAR190

## **2. Introduction**

- 2.1 The Gas (Downstream Reconciliation) Rules 2008 (the “Rules” or “Reconciliation Rules”) provide for the establishment of efficient and effective downstream allocation and reconciliation arrangements, including the accurate and timely allocation of gas recorded at gas gates between those retailers who are metering gas to consumers from the distribution system (or from the transmission system where applicable) attached to the gas gate. A key element in the arrangements is the establishment of a central allocation agent to perform allocation and reconciliation.
- 2.2 The Reconciliation Rules provide for Gas Industry Co, as the industry body approved under the Gas Act 1992, to give notice to allocation participants specifying one or more information exchange file formats that allocation participants must provide information to the allocation agent in.
- 2.3 Gas Industry Co notes that only the Gas Allocation Submission (GAS) file formats are formally notified under rule 25 of the Reconciliation Rules ie file formats in respect of information which allocation participants must provide to the allocation agent under the Reconciliation Rules. The file formats for the Gas Allocation Report (GAR) file formats are a subset of those that will be provided for in the allocation agent service provider agreement ie file formats in respect of reports which the allocation agent provides under the Reconciliation Rules.
- 2.4 The terms used in this notice have the meaning set out in rule 5 of the Reconciliation Rules.
- 2.5 The following topics are dealt with in this notice:
  - The content and format of the GAS file formats; and
  - The content and format of the GAR file formats that are provided either to individual allocation participants or are published on the allocation agent website.

## **3. Process for making changes to this notice**

- 3.1 The notice set out in this document may need to be amended from time to time in future to reflect changing circumstances and other factors.
- 3.2 The process which is intended for making changes to this notice is as follows:
  - The proposed notice change will be advised to all allocation participants. Where the changes are minor or affect only specifically identifiable parties, it is intended that the proposed change will be notified on by email. Where the changes are considered to be extensive and of wide interest, it is intended that the full proposal and an invitation to make submissions will be posted on the Gas Industry Co website.
  - There will be a defined consultation period which will vary from two to four weeks depending on the circumstances. A shorter period will likely apply where the changes are minor or affect only specifically identifiable parties. The consultation period may be closed off earlier if responses have been received from all allocation participants.
  - Submissions will be sought by email and will be acknowledged by email.

- The notice change approved by Gas Industry Co as a result will be advised to all allocation participants, together with a brief explanatory note on differences between the consultation proposal and the final result.
- A revised edition of the notice will be issued by posting on the Gas Industry Co website.

#### **4. File naming convention and standard file header**

4.1 The notified file formats use a number of placeholder codes, including:

"RETA" – for a "retailer";

"SENA" – for the "sender"; and

"NETA" – for the "distribution network".

Gas Industry Co notes that the participant codes contained in this notice are as specified in the Switching Determinations<sup>1</sup>, plus the following additional codes:

"ALLA" for "allocation agent";

"APAR" for all "allocation participants"; and

"GASW" for the general public (when publishing on the allocation agent website).

Note the participant codes "MAUI" and "VCTX" for First Gas Limited, as specified in the Switching Determinations, will also apply for First Gas Limited as transmission system owner under the Reconciliation Rules.

4.2 In submitting information to the allocation agent in accordance with the proposed file formats, the following file naming convention is to be used unless otherwise specified by Gas Industry Co:

Sender + Utility Type + Recipient + File Type + Month (or last month) to which report/consumption applies + Report Creation Date + UniqueID# (e.g. hhmss run time, or ICP, but limited to Char(60))

with an extension of .TXT (except for GAS030 and GAR130, which have an extension of .CSV), and with the components concatenated using the underscore character, to assist readability;

e.g. SENA\_G\_ALLA\_GAS040\_200810\_20081105\_123456.TXT

[Char4\_Char1\_Char4\_Char6\_yyyymm\_yyyymmdd\_UniqueID.TXT]

The 'File Type' portion of the file name (e.g. GAS040) is defined as part of the file header definition in the notified File Formats.

The first record of a file contains 'Header' information followed by zero or more 'Detail' lines, as described in the attached File Formats.

4.3 A standard file header is used for both inputs and outputs to the allocation system, except inputs from/outputs to the Open Access Transmission Information System (OATIS) ie GAS030 and GAR130. The standard file header is as follows<sup>2</sup>.

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<sup>1</sup> See "Determinations by the Industry Body (Gas Industry Co) under the Gas (Switching Arrangements) Rules 2008", version 1.1, dated 22 September 2008.

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Type of file	GAS040
Sender	Char (4)	M / O	Party code of sender	SENA
Allocation Participant	Char (4)	M	Valid code of allocation participant either whose information is provided or who is receiving information	RETA
Recipient	Char (4)	M	Party code of recipient	ALLA
Report Run Date	DD/MM/Y YYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:S S	M	Time the report is created	13:24:02
Number of Records	Num (6)	M	Total number of detail records in report	2

4.4 Gas Industry Co has also included some explanatory bullet point notes in the preambles to the File Formats to assist clarification. Please note the explanatory notes included in the preambles are for guidance purposes only – the Reconciliation Rules themselves set out participants' obligations in terms of the nature of the information required to be provided.

## 5. File formats notified under rule 25

5.1 The file formats notified in accordance with rule 25 (ie the Gas Allocation Submission (GAS) file formats) are contained in Attachment 1.

## 6. File formats agreed in the allocation agent service provider agreement

6.1 The Gas Allocation Report (GAR) file formats that are provided either to specific allocation participants or are published on the allocation agent website, and that will be provided for in the allocation agent service provider agreement, are contained in Attachment 2

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<sup>2</sup> In these File Formats, "M" means mandatory and "O" means optional. Note the Sender field is optional in respect of GAS file formats, but mandatory in respect of the GAR file formats.

## Attachment 1: Gas Allocation Submission File Formats

### GAS030 Submission of Gas Gate Injection Quantities

- Provision of daily injection information by transmission system owners to the allocation agent.
- Rule: 41

Row Number	Attribute	Rule
Row 1	Report Title	Must be "Daily Delivery Report". Any extra commas are ignored.
Row 2	<blank>	Ignore.
Row 3	"WP ID:" <gas gate code>	Must be "WP ID:" followed by a valid welded point identifier e.g. WP ID: BEL24510. Any extra commas are ignored.
Rows 4 to 9	various	Ignore.
Rows 10 to 40	<Day>,<Uncorrected Volume>,,,,,<Corrected Volume>,<Calorific Value>,<Delivered Energy>	Day must be a valid date in dd/mm/yyyy format for the month. Each subsequent row increments the date in the previous row. There must be no duplicates or missing days in the file. Ignore Uncorrected Volume, Corrected Volume and Calorific Value. Delivered Energy is the injected volume for that Day for the gas gate used in the allocation process, expressed in GJ's. The format must be 999999999.999 and cannot be negative. Leading and trailing zeros will be omitted. It will be the 9th field in the row ie column I if opened in an Excel spreadsheet. For consumption months with no days 29 and/or 30 and/or 31 these rows will be blank.
Row 41 to 44	<blank>	Ignore
Row 45	<Totals>,<Total Uncorrected Volume>,,,,,<Total Corrected Volume>,,<Total Delivered Energy>	Totals will be "Totals". Ignore Total Uncorrected Volume and Total Corrected Volume. Total Delivered Energy must be the total of the daily Delivered Energy figures. It will be the 9th field in the row ie column I if opened in an Excel spreadsheet.

**Example (Submission of Gas Gate Injection Quantities):**

Daily Delivery Report,,,,,,,,

WP ID: BEL24510,,,,,,,,

WP Name: Belmont,,,,,,,,

24 hours,Metered,,,,,Corrected,Calorific,Delivered  
to 2400 on,Volume,,,,,Volume,Value,Energy  
,(cm),,,,,,(scm),(MJ/scm),(GJ)

"1/12/2007","0","",,"",,"",,"54863","40.779","2237.305"  
"2/12/2007","0","",,"",,"",,"33196","40.491","1344.14"  
"3/12/2007","0","",,"",,"",,"114056","40.55","4625.021"  
"4/12/2007","0","",,"",,"",,"125531","40.67","5105.375"  
"5/12/2007","0","",,"",,"",,"117906","40.843","4815.691"  
"6/12/2007","0","",,"",,"",,"132455","40.948","5423.859"  
"7/12/2007","0","",,"",,"",,"129635","40.976","5311.959"  
"8/12/2007","0","",,"",,"",,"60569","40.82","2472.487"  
"9/12/2007","0","",,"",,"",,"36268","40.726","1477.053"  
"10/12/2007","0","",,"",,"",,"95049","40.811","3879.139"  
"11/12/2007","0","",,"",,"",,"108402","40.929","4436.859"  
"12/12/2007","0","",,"",,"",,"127342","40.996","5220.619"  
"13/12/2007","0","",,"",,"",,"104604","41.034","4292.33"  
"14/12/2007","0","",,"",,"",,"102918","41.113","4231.279"  
"15/12/2007","0","",,"",,"",,"65849","41.065","2704.108"  
"16/12/2007","0","",,"",,"",,"45707","40.866","1867.885"  
"17/12/2007","0","",,"",,"",,"98344","41.007","4032.819"  
"18/12/2007","0","",,"",,"",,"105588","41.111","4340.91"  
"19/12/2007","0","",,"",,"",,"111060","41.025","4556.341"  
"20/12/2007","0","",,"",,"",,"106209","41.059","4360.922"  
"21/12/2007","0","",,"",,"",,"91624","40.945","3751.626"  
"22/12/2007","0","",,"",,"",,"60392","40.828","2465.71"  
"23/12/2007","0","",,"",,"",,"36628","40.978","1500.963"  
"24/12/2007","0","",,"",,"",,"29331","41.056","1204.231"  
"25/12/2007","0","",,"",,"",,"10036","41.256","414.052"  
"26/12/2007","0","",,"",,"",,"18453","41.334","762.741"  
"27/12/2007","0","",,"",,"",,"44404","41.158","1827.588"  
"28/12/2007","0","",,"",,"",,"35119","41.107","1443.666"  
"29/12/2007","0","",,"",,"",,"24093","41.079","989.721"  
"30/12/2007","0","",,"",,"",,"19555","41.122","804.16"  
"31/12/2007","0","",,"",,"",,"23410","41.333","967.621"

Totals,"0",,,,,,"2268596",,"92868.18"

## **GAS040 Submission of Aggregate Estimated Energy Information – Allocation Groups 4 and 6**

- Monthly aggregated estimated energy quantities by gas gate for all consumer installations in allocation groups 4 and 6.
- Rules: 31.4 (Initial); 32.4 (Interim); 33.4 (Final); 40.1
- Used for all consumer installations with annual consumption less than or equal to 10TJ except for those:
  - With consumption greater than 250GJ per annum and a TOU meter installed, which must be assigned to allocation group 1 or 2 and submitted via GAS050
  - With consumption greater than 250GJ per annum and whose quantities are determined via a static deemed profile, which must be assigned to allocation group 3 and submitted via GAS050
  - With consumption less than or equal to 250GJ per annum determined and whose quantities are determined via a dynamic deemed profile, which must be assigned to allocation group 5 and submitted via GAS060.

<b>Description</b>	<b>Type</b>	<b>M/O</b>	<b>Rule</b>	<b>Example</b>
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Monthly consumption submission information for allocation groups 4,6	GAS040
Sender	Char (4)	O	Party code of sender	SENA
Allocation Participant	Char (4)	M	Valid code of retailer whose consumption data is provided. Each file will contain information for only one allocation participant.	RETA
Recipient	Char (4)	M	Party code of recipient – the allocation agent	ALLA
Report Run Date	DD/MM/YYYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:SS	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

<b>Description</b>	<b>Type</b>	<b>M/O</b>	<b>Rule</b>	<b>Example</b>
Detail Record Type	Char (3)	M		DET
Consumption Period	MM/YYYY	M	Calendar month to which consumption information applies	10/2008
Allocation Participant	Char (4)	M	Valid code of retailer	RETA

Description	Type	M/O	Rule	Example
Gas Gate	Char (8)	M	Gas gate code as determined by GIC	TWA35610
Network Code	Char (4)	M	Valid network code	NETA
Allocation Group	Char (1)	M	Allocation group (4,6)	4
Contract ID	Char (8)	O	Contract ID for gas transmission contract (no more than 8 characters in length)	1109
Consumption (GJ)	Num (8.3)	M	Consumption in GJ (GJ = kWh x 0.0036)	445.050
Quantity of Historic Estimate (GJ)	Num (8.3)	M	Consumption in GJ (GJ = kWh x 0.0036)	123.754
Number of Installations	Num (6)	O	Number of installations making up the monthly aggregate volume (include each installation whether supplied for part or whole of consumption period)	85

**Example  
(Monthly  
Submission –  
Groups 4 and  
6):**

HDR,GAS040,SENA,RETA,ALLA,02/11/2008,12:32:02,2  
 DET,10/2008,RETA,TWA35610,NETA,4,1109,445.050,123.754,85  
 DET,10/2008,RETA,TWA35610,NETA,4,1109,1536.667,384.166,1002



## GAS050 Submission of Daily Energy Information – Allocation Groups 1, 2 and 3

- Allocation Groups 1 and 2:
  - Actual daily energy quantities for each consumer installation in allocation groups 1 and 2;
  - Rules: 31.1 (Initial); 32.1 (Interim); 33.1 (Final)
  - If a consumer installation with annual consumption between 250GJ and 10TJ per annum has a TOU meter installed, it must be assigned to allocation group 1 or 2 in accordance with rule 29.2.1
- Allocation Group 3 (Static Deemed Profile):
  - Estimated daily energy quantities for each consumer installation in allocation group 3;
  - Rules: 31.2 (Initial); 32.2 (Interim); 33.2 (Final); 40.1
- If a consumer installation has consumption less than 250GJ per annum and has a TOU meter installed, it must be assigned to allocation group 5 or 6 in accordance with rule 29.3 and volume must be submitted via GAS060 or GAS040 respectively.

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Daily consumption submission information for allocation groups 1,2,3	GAS050
Sender	Char (4)	O	Party code of sender	SENA
Allocation Participant	Char (4)	M	Valid code of retailer whose consumption data is provided. Each file will contain information for only one allocation participant.	RETA
Recipient	Char (4)	M	Party code of recipient – the allocation agent	ALLA
Report Run Date	DD/MM/YYYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:SS	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	4

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Consumption Period	MM/YYYY	M	Calendar month to which consumption information applies	10/2008

Description	Type	M/O	Rule	Example
Allocation Participant	Char (4)	M	Valid code of retailer	RETA
Gas Gate	Char (8)	M	Gas gate code as determined by GIC	TWA35610
Network Code	Char (4)	M	Valid network code	NETA
Allocation Group	Char (1)	M	Allocation group (1,2,3)	1
Profile Code	Char (4)	M	Static deemed profile code ("S--") or "XTOU"	S316
Contract ID	Char (8)	O	Contract ID for gas transmission contract (no more than 8 characters in length)	1120
ICP	Char (15)	M	ICP unique identifier	0123456789QT123
Consumption Day	DD/MM/YYYY	M	Date of the day to which consumption information applies	01/10/2008
Consumption (GJ)	Num (8.3)	M	Consumption in GJ (GJ = kWh x 0.0036)	759.025
Quantity of Historic Estimate (GJ)	Num (8.3)	M / O	Consumption in GJ (GJ = kWh x 0.0036); mandatory for allocation group 3 consumption information	123.754
Estimate Indicator	Char (1)	O	"E" used to indicate estimated data in lieu of missing data for allocation groups 1,2, otherwise field left blank	E

**Example (Daily Submission – Groups 1-3):**

HDR,GAS050,SENA,RETA,ALLA,02/11/2008,12:32:02,4

DET,10/2008,RETA,TWA35610,NETA,1,XTOU,1120,0123456789QT123,01/10/2008,759.025

DET,10/2008,RETA,TWA35610,NETA,1,XTOU,1120,0123456789QT123,02/10/2008,787.756

DET,10/2008,RETA,TWA35610,NETA,3,S316,1120,0123456789QT124,01/10/2008,259.025,123.754

DET,10/2008,RETA,TWA35610,NETA,3,S316,1120,0123456789QT124,02/10/2008,259.025,123.754

Etc

## GAS060 Submission of Aggregate Estimated Daily Energy Information – Allocation Group 5

- Allocation group 5 (Dynamic Deemed Profile):
  - Aggregate estimated daily energy quantities by gas gate by profile;
  - Includes number of consumer installations;
  - Rules: 31.3 (Initial); 32.3 (Interim); 33.3 (Final); 40.1

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Daily consumption submission information for allocation group 5	GAS060
Sender	Char (4)	O	Party code of sender	SENA
Allocation Participant	Char (4)	M	Valid code of retailer whose consumption data is provided. Each file will contain information for only one allocation participant.	RETA
Recipient	Char (4)	M	Party code of recipient – the allocation agent	ALLA
Report Run Date	DD/MM/YYYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:SS	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Consumption Period	MM/YYYY	M	Calendar month to which consumption information applies	10/2008
Allocation Participant	Char (4)	M	Valid code of retailer	RETA
Gas Gate	Char (8)	M	Gas gate code as determined by GIC	TWA35610
Network Code	Char (4)	M	Valid network code	NETA
Allocation Group	Char (1)	M	Allocation group (5)	5
Profile Code	Char (4)	M	Dynamic deemed profile code	D316

Description	Type	M/O	Rule	Example
Contract ID	Char (8)	O	Contract ID for gas transmission contract (no more than 8 characters in length)	1109
Consumption Day	DD/MM/YYYY	M	Date of the day to which consumption information applies	01/10/2008
Consumption (GJ)	Num (8.3)	M	Consumption in GJ (GJ = kWh x 0.0036)	759.025
Quantity of Historic Estimate (GJ)	Num (8.3)	M	Consumption in GJ (GJ = kWh x 0.0036)	123.754
Number of Installations	Num (6)	M	Number of installations making up the daily aggregate volume	75

**Example (Daily Submission – Group 5):**

HDR,GAS060,SENA,RETA,ALLA,02/11/2008,12:32:02,2  
DET,10/2008,RETA,TWA35610,NETA,5,D316,1109,01/10/2008,759.025,123.754,75  
DET,10/2008,RETA,TWA35610,NETA,5,D316,1109,02/10/2008,384.756,62.365,75  
Etc

## GAS070 Provision of Aggregate Monthly As-Billed Data

- Total quantities billed by gas gate and aggregated by invoice month for the previous billing month.
  - Note: the “invoice month” refers to the previous consumption period (ie the last calendar month); the “previous billing month” refers to the month prior to the previous consumption period; “actual sales” refers to the total quantities billed, (see rule 52.3 of the Rules).
  - Rule: 52.2.1

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Retailer as-billed monthly data	GAS070
Sender	Char (4)	O	Party code of sender	SENA
Allocation Participant	Char (4)	M	Valid code of retailer whose data is provided. Each file will contain information for only one allocation participant.	RETA
Recipient	Char (4)	M	Party code of recipient – the allocation agent	ALLA
Report Run Date	DD/MM/YYYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:SS	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Month Billed	MM/YYYY	M	The invoice month (ie the previous consumption period)	10/2008
Allocation Participant	Char (4)	M	Valid code for participant	RETA
Gas Gate	Char (8)	M	Gas gate code as determined by GIC	TWA35610
Network Code	Char (4)	M	Valid network code	NETA
Actual Sales (GJ)	Num (8.3)	M	Actual volume billed in GJ	3224.232

**Example (As-Billed Data):**

HDR,GAS070,SENA,RETA,ALLA,02/11/2008,12:32:02,2  
DET,10/2008,RETA,TWA35610,NETA,3224.232  
DET,10/2008,RETA,HST05210,NETA,2595.726

## GAS080 Meter Reading Frequency

- Monthly report on number and percentage of validated register readings obtained during the previous four months and 12 months, produced on a rolling basis.
- Non-TOU (meter) in the context of this file format includes a TOU meter assigned to allocation groups 5 and 6 in accordance with rule 29.3 and 29.6 of the Rules.
  - Rules: 40.2 (reference to 29.4.3 and 29.5)

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Meter reading frequency	GAS080
Sender	Char (4)	O	Party code of sender	SENA
Allocation Participant	Char (4)	M	Valid code of retailer whose data is provided. Each file will contain information for only one allocation participant.	RETA
Recipient	Char (4)	M	Party code of recipient – the allocation agent	ALLA
Report Run Date	DD/MM/YYYY	M	Date the report is created	02/11/2009
Report Run Time	HH:MM:SS	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	1

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Allocation Participant	Char (4)	M	Valid code of retailer	RETA
Consumption Period	MM/YYYY	M	The last month included in the period to which the meter read frequency information applies	10/2008
Non-TOU Consumer Installation Count	Num (6)	M	Number of installations with non-TOU meters at the end of the month to which this report applies	1004
Rolling 4 Month Non-TOU Consumer Installation Count	Num (6)	M	Number of non-TOU-metered installations that the retailer has continuously supplied gas to for the previous 4 months	1130

Description	Type	M/O	Rule	Example
Rolling 4 Month Non-TOU Consumer Installation Validated Register Reading Count	Num (6)	M	Number of non-TOU-metered installations supplied for previous 4 months for which valid register readings were obtained – to be reported on a rolling 4 monthly basis	1065
Rolling 4 Month Non-TOU Validated Register Reading Percentage	Num (3.2) (percentage)	M	Number (as a %) of non-TOU-metered installations supplied for previous 4 months for which valid register readings were obtained – to be reported on a rolling 4 monthly basis	94.25
Rolling 12 Month Non-TOU Consumer Installation Count	Num (6)	M	Number of non-TOU-metered installations that the retailer has continuously supplied gas to for the previous 12 months	950
Rolling 12 Month Non-TOU Validated Register Reading Count	Num (6)	M	Number of non-TOU-metered installations supplied for previous 12 months for which valid register readings were obtained – to be reported on a rolling 12 monthly basis	946
Rolling 12 Month Non-TOU Validated Register Reading Percentage	Num (3.2) (percentage)	M	Number (as a %) of non-TOU-metered installations supplied for previous 12 months for which valid register readings were obtained – to be reported on a rolling 12 monthly basis	99.58

**Example (Meter Read Frequency Data):**

HDR,GAS080,SENA,RETA,ALLA,02/11/2009,12:32:02,1  
DET,RETA,10/2008,1004,1130,1065,94.25,950,946,99.58



## Attachment 2: Gas Allocation Report File Formats

### GAR010 Daily Allocation and UFG Results for Retailer

- Allocations by retailer by gas gate on a daily basis for initial, interim and final allocations made by allocation agent and reported monthly.
- Includes UFG allocated to retailer (by day).
- Content of the distributor version of this report is limited to those retailers that have given consent
- Rules: 48.2.2 (a); 49.2.2(a); 50.2.2 (a); 51

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Allocation and UFG report – daily	GAR010
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	Valid code of retailer for reports sent only to retailers, or “APAR” for reports sent to distributors	RETA
Recipient	Char (4)	M	Party code of recipient – the retailer or the distributor	RETA
Report Run Date	DD/MM/YYYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:SS	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Consumption Period	MM/YYYY	M	Calendar month to which the information applies	10/2008
Allocation Stage	Char (1)	M	I – Initial Allocation M – Interim Allocation F – Final Allocation S – Special Allocation	I
Allocation Participant	Char (4)	M	Valid code of retailer	RETA
Gas Gate	Char (8)	M	Gas gate code as determined by GIC	TWA35610

Description	Type	M/O	Rule	Example
Network Code	Char (4)	M	Valid network code	NETA
Allocation Group	Num (1)	M	Allocation group (1 to 6)	4
Contract ID	Char (8)	M	Contract ID for gas transmission contract (no more than 8 characters in length)	1109
Consumption Day	DD/MM/YYYY	M	Date of the consumption day for which the allocation has been made	01/10/2008
Allocation for Consumption Day (GJ)	Num (10.3)	M	Daily allocation to retailer in GJ (GJ= kWh x 0.0036)	759.025
UFG Allocated for Consumption Day (GJ)	Num (10.3)	M	UFG allocated to retailer for the consumption day	2.314
Estimate Indicator	Char (1)	O	"E" used to indicate estimated data in GAS050 submission file and/or allocation agent has estimated data in lieu of missing data from retailer, otherwise field left blank	E

**Example (Daily Allocation):**

HDR,GAR010,ALLA,RETA,RETA,02/11/2008,12:32:02,2  
DET,10/2008,I,RETA,TWA35610,NETA,4,1109,01/10/2008,759.025,2.314,E  
DET,10/2008,I,RETA,TWA35610,NETA,4,1109,02/10/2008,712.351,1.896  
Etc

## GAR020 Monthly Allocation and UFG Results for Retailer

- Allocations by retailer by gas gate on a monthly basis for initial, interim and final allocations made by allocation agent and reported monthly;
- Includes UFG allocated to retailer (by month).
- Content of the distributor version of this report is limited to those retailers that have given consent
- Rules: 48.2.2 (a); 49.2.2(a); 50.2.2 (a); 51

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Allocation and UFG report – monthly	GAR020
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	Valid code of retailer for reports sent only to retailers, or “APAR” for reports sent to distributors	RETA
Recipient	Char (4)	M	Party code of recipient – the retailer or the distributor	RETA
Report Run Date	DD/MM/Y YYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:S S	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Consumption Period	MM/YYYY	M	Calendar month to which the information applies	10/2008
Allocation Stage	Char (1)	M	I – Initial Allocation M – Interim Allocation F – Final Allocation S – Special Allocation	I
Allocation Participant	Char (4)	M	Valid code of retailer	RETA
Gas Gate	Char (8)	M	Gas gate code as determined by GIC	TWA35610
Network Code	Char (4)	M	Valid network code	NETA

Description	Type	M/O	Rule	Example
Allocation Group	Num (1)	M	Allocation group (1 to 6)	4
Allocation for Consumption Period (GJ)	Num (10.3)	M	Monthly allocation to retailer in GJ (GJ= kWh x 0.0036)	759.025
UFG Allocated for Consumption Period (GJ)	Num (10.3)	M	UFG allocated to retailer for the consumption period	2.314
Estimate Indicator	Char (1)	O	"E" used to indicate estimated data in GAS050 submission file and/or allocation agent has estimated data in lieu of missing data from retailer, otherwise field left blank	E

**Example (Monthly Allocation):**

HDR,GAR020,ALLA,RETA,RETA,02/11/2008,12:32:02,2  
DET,10/2008,I,RETA,TWA35610,NETA,4,759.025,2.314,E  
DET,10/2008,I,RETA,HST05210,NETA,4,712.351,1.896  
Etc

## GAR030 Annual Allocation and UFG Results for Retailer

- Allocations by retailer by gas gate on an annual basis (ie for the relevant gas year) for initial, interim and final allocations made by allocation agent and reported monthly;
- Includes UFG allocated to retailer (by gas year).
- Content of the distributor version of this report is limited to those retailers that have given consent
- Rules: 48.2.2 (a); 49.2.2(a); 50.2.2 (a); 51

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Allocation and UFG report – annual	GAR030
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	Valid code of retailer for reports sent only to retailers, or “APAR” for reports sent to distributors	RETA
Recipient	Char (4)	M	Party code of recipient – the retailer or the distributor	RETA
Report Run Date	DD/MM/YYYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:SS	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Last Consumption Period	MM/YYYY	M	Last calendar month for which the information applies	10/2008
Allocation Stage	Char (1)	M	I – Initial Allocation M – Interim Allocation F – Final Allocation S – Special Allocation	I
Allocation Participant	Char (4)	M	Valid code of retailer	RETA
Gas Gate	Char (8)	M	Gas gate code as determined by GIC	TWA35610
Network Code	Char (4)	M	Valid network code	NETA

Description	Type	M/O	Rule	Example
Allocation Group	Num (1)	M	Allocation group (1 to 6)	4
Allocation for Annual Consumption (GJ)	Num (10.3)	M	Annual allocation to retailer in GJ (GJ= kWh x 0.0036)	759.025
UFG Allocated for Annual Consumption (GJ)	Num (10.3)	M	UFG allocated to retailer for the consumption gas year	2.314
Estimate Indicator	Char (1)	O	"E" used to indicate estimated data in GAS050 submission file and/or allocation agent has estimated data in lieu of missing data from retailer, otherwise field left blank	E

**Example  
(Annual  
Allocation):**

HDR,GAR030,ALLA,RETA,RETA,02/11/2008,12:32:02,2  
DET,10/2008,I,RETA,TWA35610,NETA,4,759.025,2.314,E  
DET,10/2008,I,RETA,HST05210,NETA,4,712.351,1.896  
Etc

## GAR040 Gas Gate Residual Profile

- Gas Gate Residual profile created monthly by the allocation agent for each gas gate on a daily basis.
- Rules: 48.2.2 (b); 49.2.2 (b); 50.2.2 (b); 51

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Gas gate residual profile	GAR040
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	Valid code of retailer for reports sent only to retailers, or "APAR" for reports sent to distributors	RETA
Recipient	Char (4)	M	Party code of recipient – the retailer or the distributor	RETA
Report Run Date	DD/MM/Y YYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:S S	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Consumption Period	MM/YYYY	M	Calendar month to which the information applies	10/2008
Allocation Stage	Char (1)	M	I – Initial allocation M – Interim allocation F – Final allocation S – Special allocation	I
Gas Gate	Char (8)	M	Gas gate code as determined by GIC	TWA35610
Network Code	Char (4)	M	Valid network code	NETA
Consumption Day	DD/MM/Y YYY	M	Date of the day to which the gas gate residual profile applies	01/10/2008
Gas Gate Residual Profile (GJ)	Num (10.3)	M	Gas gate residual profile expressed in GJ	152.068

Description	Type	M/O	Rule	Example
Gas Gate Residual Profile (%)	Num (3.4) percentage	M	Gas gate residual profile expressed as percentage of monthly gas injections	12.4567

**Example (Gas Gate Residual Profile):**

HDR,GAR040,ALLA,RETA,RETA,02/11/2008,12:32:02,2  
DET,10/2008,I,TWA35610,NETA,01/10/2008,152.068,12.4567  
DET,10/2008,I,TWA35610,NETA,02/10/2008,143.025,11.75  
Etc



## GAR050 Initial v Final Submission Comparison

- For consumer installations in allocation groups 3 to 6 – the percentage of error in the accuracy between initial aggregated consumption information and final aggregated consumption information, as reported to the allocation agent on a monthly basis.
- Content of the distributor version of this report is limited to those retailers that have given consent
- Rule: 53.3

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Initial v Final Submission Comparison	GAR050
Sender	Char (4)	M	Party code of sender – the allocation agent.	ALLA
Allocation Participant	Char (4)	M	"APAR" to be used because report sent to all retailers and GIC	APAR
Recipient	Char (4)	M	"APAR" to be used because report sent to all retailers and GIC	APAR
Report Run Date	DD/MM/Y YYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:S S	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Consumption Period	MM/YYYY	M	Calendar month to which the information applies	10/2008
Allocation Participant	Char (4)		Valid code of retailer	RETA
Gas Gate	Char (8)	M	Gas gate code as determined by GIC	TWA35610
Network Code	Char (4)	M	Valid network code	NETA
Initial Consumption (GJ)	Num (10.3)	M	Aggregated consumption for allocation groups 3 to 6 as reported to the allocation agent and expressed in GJ	759.025

Description	Type	M/O	Rule	Example
Final Consumption (GJ)	Num (10.3)	M	Aggregated consumption for allocation groups 3 to 6 as reported to the allocation agent and expressed in GJ	795.528
Percentage Variation (%)	Num (3.2) percentage	M	Calculated percentage variation between the final and initial allocations (Initial/Final)	4.81

**Example (Initial v Final Submission Comparison Data):**

HDR,GAR050,ALLA,APAR,RETA,02/11/2008,12:32:02,2  
DET,10/2008,RETA,TWA35610,NETA,759.025,795.528,4.81  
DET,10/2008,RETA,HST05210,NETA,445.05,470.512,5.72

## GAR060 Seasonal Adjustment Daily Shape Values

- Seasonal adjustment daily shape values for every gas gate and network for the previous 24 months in which allocations have been performed:
- Available publicly on the allocation agent website
- Rule: 53.1

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Seasonal adjustment daily shape values	GAR060
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	All allocation participants	APAR
Recipient	Char (4)	M	Published on website administered by allocation agent	GASW
Report Run Date	DD/MM/Y YYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:S S	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Gas Gate	Char (8)	M	Gas gate code as determined by GIC	TWA35610
Network Code	Char (4)	M	Valid network code	NETA
Consumption Day	DD/MM/Y YYY	M	Date of consumption day to which the seasonal adjustment daily shape value applies	01/10/2008
Seasonal Adjustment Daily Shape Value (GJ)	Num (10.3)	M	Daily residual profile shape value expressed in GJ	12.450

**Example  
(SADSV report):**

HDR,GAR060,ALLA,APAR,GASW,02/11/2008,12:32:02,2  
DET,TWA35610,NETA,01/10/2008,12.450  
DET,TWA35610,NETA,02/10/2008,11.750  
Etc

## GAR070 Summary Allocation and UFG Report

- Summary UFG and allocation report, including
  - Sum of actual daily energy quantities injected at each gas gate;
  - Sum of quantities of gas allocated to each retailer;
  - Total amount of, and percentage of, UFG at each gas gate for the previous month and previous 12 months;
  - Monthly UFG factor determined by allocation agent, which applies for each month for initial, interim and final allocations.
- This report is published on the dates specified in rule 46.4.1. Accordingly the information required by rule 53.2 will also be published in accordance with the dates specified in rule 46.4.1 (ie in advance of the timeframe specified in rule 53.2).
- Available publicly on the allocation agent website;
- Rules: 46.4; 53.2.1; 53.2.2; 53.2.3

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Summary retailer allocation and UFG	GAR070
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	All allocation participants	APAR
Recipient	Char (4)	M	Published on website administered by allocation agent	GASW
Report Run Date	DD/MM/YYYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:SS	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Consumption Period	MM/YYYY	M	Calendar month to which retailer allocation and UFG factor apply	10/2008

Description	Type	M/O	Rule	Example
Allocation Stage	Char (1)	M	I – Initial Allocation M – Interim Allocation F – Final Allocation S – Special Allocation	I
Gas Gate	Char (8)	M	Gas gate code as determined by GIC	TWA35610
Network Code	Char (4)	M	Valid network code	NETA
Gas Gate Injected Quantity Total for Consumption Period	Num (10.3)	M	Total injected quantity at gas gate in GJ in the consumption period	158976.321
Gas Gate Annual UFG Factor	Num (5.4)	M	Annual UFG factor used for allocation groups 1 and 2	1.0153
Gas Gate Monthly UFG Factor	Num (5.6)	M	Monthly UFG factor used for allocation groups 3 to 6	1.32
Gas Gate UFG Total for Month	Num (10.3)	M	Total actual UFG at the gas gate for the consumption period, expressed in GJ, being the difference between the total injection quantity and total consumption information quantities	148.369
Gas Gate UFG % for Month	Num (3.2) (percentage)	M	Total UFG at the gas gate for the consumption period, expressed as a % of the total gas gate quantity	2.59
Gas Gate UFG Total for Previous 12 Months	Num (10.3)	M	Total actual UFG at the gas gate for the previous 12 months up to and including the consumption period, expressed in GJ	63.241
Gas Gate UFG % for Previous 12 Months	Num (3.2) (percentage)	M	Total UFG at the gas gate for the previous 12 months up to and including the consumption period, expressed as a % of the total gas gate quantity	0.36
Allocation Participant	Char (4)	M	Valid code for participant	RETA
Retailer Allocation Results for Month	Num (10.3)	M	Quantity allocated to retailer in GJ in the consumption period for the gas gate and network	48.325

**Example  
(Summary  
Retailer Allocation  
and UFG Factor):**

HDR,GAR070,ALLA,APAR,GASW,02/11/2008,12:32:02,2  
DET,10/2008,I,TWA35610,NETA,158976.321,1.0153,1.32,148.369,2.59,63.24  
1,0.36,RETA,48.325  
DET,10/2008,I,TWA35610,NETA,158976.321,1.0153,1.32,148.369,2.59,63.24  
1,0.36, RETB,26.649  
Etc

## GAR080 Billed versus Submission Quantities Comparison

- Comparison of total quantities billed by retailer for each gas gate for the previous 12 billing months against sum of the best available consumption information provided by each retailer for each gas gate for the previous 12 consumption periods. (Note the previous 12 billing months/consumption periods refer to the months/consumption periods prior to the previous consumption period in accordance with rule 52.3 of the Rules.)
- Available publicly on the allocation agent website;
- Rule: 52.2.3

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Retailer as-billed monthly data	GAR080
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	All allocation participants	APAR
Recipient	Char (4)	M	Published on website administered by allocation agent	GASW
Report Run Date	DD/MM/YYYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:SS	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Last Consumption Period Billed	MM/YYYY	M	Last month to which the data in this report applies (ie the month prior to the previous consumption period)	09/2008
Allocation Participant	Char (4)	M	Valid code for participant	RETA
Gas Gate	Char (8)	M	Gas gate code as determined by GIC	TWA35610
Network Code	Char (4)	M	Valid network code	NETA
Actual Sales (GJ)	Num (10.3)	M	Actual volume billed for 12 months, in GJ	36224.232



Description	Type	M/O	Rule	Example
Consumption (GJ)	Num (10.3)	M	Consumption information provided by retailer to allocation agent for the 12 months billed, in GJ	35178.195
Difference Between Sales and Submitted Consumption Data	Num (10.3)	M	For 12 months, actual volume billed minus consumption information provided to allocation agent, in GJ	1046.037
Sales/Submission (%)	Num (3.2) (percentage)	M	For 12 months, actual volume billed divided by consumption information provided to allocation, expressed in percentage terms (rounded)	102.97

**Example (Annual reconciliation):**

HDR,GAR080,ALLA,APAR,GASW,02/11/2008,12:32:02,2  
 DET,09/2008,RETA,TWA35610,NETA,36224.232,35178.195,1046.037,102.97  
 DET,09/2008,RETA,HST05210,NETA,24595.726,24695.264,-99.538,99.6

## GAR090 Annual UFG Factor

- Annual UFG Factor and G1M gas gate determination, which will apply to each allocated gas gate for the gas year.
- Available publicly on the allocation agent website
- Rules: 25C.5, 46.4.2, 46A.3, 47.3

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Annual UFG Factor report	GAR090
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	All allocation participants	APAR
Recipient	Char (4)	M	Published on website administered by allocation agent	GASW
Report Run Date	DD/MM/Y YYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:S S	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Gas Year Start Date	DD/MM/Y YYY	M	Date from which Annual UFG Factor will apply. 01/10/YYYY where YYYY is the relevant year	01/10/2008
Gas Year End Date	DD/MM/Y YYY	M	Date on which Annual UFG Factor will cease to apply. 30/09/YYYY where YYYY is the relevant year	30/09/2009
Gas Gate	Char (8)	M	Gas gate code as determined by GIC	HST05210
Network Code	Char (4)	M	Valid network code	NETA
Annual UFG Factor	Num (5.4)	M	Annual UFG Factor	1.0153

Description	Type	M/O	Rule	Example
Assessment Indicator	Char (1)	O	"Y" if the factor was determined by Gas Industry Co pursuant to rule 47.3, "C" if the factor was corrected by the allocation agent pursuant to rule 46A.3, otherwise field left blank	Y
G1M Gas Gate Indicator	Char(1)	M	"Y" if the gas gate will be a G1M gas gate in the relevant gas year, "N" otherwise	Y
TOU Load Proportion	Num (5.4)	M	TOU load proportion (TOU submissions divided by total submissions)	0.8742
MUFG Volatility Indicator	Num (2)	M	Count of MUFG factors outside MUFG volatility threshold	10

**Example  
(Annual UFG  
Factor):**

HDR,GAR090,ALLA,APAR,GASW,01/07/2008,12:32:02,2  
DET,01/10/2008,30/09/2009,TWA35610,NETA,1.0221,,N,0.2443,0  
DET,01/10/2008,30/09/2009,HST05210,NETA,1.0153,Y,Y,0.8742,10

## GAR100 Meter reading frequency compliance to Gas Industry Co

- Provision of meter reading frequency to Gas Industry Co for the purpose of compliance
- Not explicitly required by the Rules; this report uses the content provided by retailers pursuant to rule 40.2

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Meter reading frequency compliance report	GAR100
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	All allocation participants	APAR
Recipient	Char (4)	M	Gas Industry Co	GICX
Report Run Date	DD/MM/YYYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:SS	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Allocation Participant	Char (4)	M	Directly from data input in GAS080	RETA
Rolling Month	Char (8)		"4 Month" or "12 Month"	4 Month
Month – Consumption Period minus 11	Num (3.2)*	M	Relevant 4 or 12 month validated register reading percentage from data input in GAS080 for the previous 11 <sup>th</sup> month, with asterisk if value less than 4 or 12 month threshold	86.3*
Month – Consumption Period minus 10	Num (3.2)*	M	Relevant 4 or 12 month validated register reading percentage from data input in GAS080 for the previous 10 <sup>th</sup> month, with asterisk if value less than 4 or 12 month threshold	85.6*

Description	Type	M/O	Rule	Example
Month – Consumption Period minus 9	Num (3.2)*	M	Relevant 4 or 12 month validated register reading percentage from data input in GAS080 for the previous 9 <sup>th</sup> month, with asterisk if value less than 4 or 12 month threshold	87.8*
Month – Consumption Period minus 8	Num (3.2)*	M	Relevant 4 or 12 month validated register reading percentage from data input in GAS080 for the previous 8 <sup>th</sup> month, with asterisk if value less than 4 or 12 month threshold	88.6*
Month – Consumption Period minus 7	Num (3.2)*	M	Relevant 4 or 12 month validated register reading percentage from data input in GAS080 for the previous 7 <sup>th</sup> month, with asterisk if value less than 4 or 12 month threshold	90.02
Month – Consumption Period minus 6	Num (3.2)*	M	Relevant 4 or 12 month validated register reading percentage from data input in GAS080 for the previous 6 <sup>th</sup> month, with asterisk if value less than 4 or 12 month threshold	91.56
Month – Consumption Period minus 5	Num (3.2)*	M	Relevant 4 or 12 month validated register reading percentage from data input in GAS080 for the previous 5 <sup>th</sup> month, with asterisk if value less than 4 or 12 month threshold	89.99*
Month – Consumption Period minus 4	Num (3.2)*	M	Relevant 4 or 12 month validated register reading percentage from data input in GAS080 for the previous 4 <sup>th</sup> month, with asterisk if value less than 4 or 12 month threshold	86.1*
Month – Consumption Period minus 3	Num (3.2)*	M	Relevant 4 or 12 month validated register reading percentage from data input in GAS080 for the previous 3 <sup>rd</sup> month, with asterisk if value less than 4 or 12 month threshold	91.8

Description	Type	M/O	Rule	Example
Month – Consumption Period minus 2	Num (3.2)*	M	Relevant 4 or 12 month validated register reading percentage from data input in GAS080 for the previous 2 <sup>nd</sup> month, with asterisk if value less than 4 or 12 month threshold	91.3
Month – Consumption Period minus 1	Num (3.2)*	M	Relevant 4 or 12 month validated register reading percentage from data input in GAS080 for the previous month, with asterisk if value less than 4 or 12 month threshold	98.5
Month –Current Consumption Period	Num (3.2)*	M	Relevant 4 or 12 month validated register reading percentage from data input in GAS080 for the current month, with asterisk if value less than 4 or 12 month threshold	89.6*

**Example (Meter Reading Frequency Compliance):**

HDR,GAR100,ALLA,APAR,GICX, 02/11/2008, 12:32:02,2

Record Type, Retailer, Rolling Month, November 2007, December 2007, January 2008, February 2008, March 2008, April 2008, June 2008, July 2008, August 2008, September 2008, October 2008

DET,RETA,4

Month,86.3\*,85.6\*,87.8\*,88.6\*,90.02,91.56,89.99\*,86.1\*,91.8,91.3,98.5,89.6\*

DET,RETA,12

Month,96.3\*,95.6\*,97.8\*,98.6\*,99.02\*,91.56\*,99.99\*,96.1\*,91.8\*,91.3\*,100,100

## GAR110 Percentage of historical estimates to Gas Industry Co

- Provision of proportion of historical estimates in the initial submission and subsequent revisions
- Not explicitly required by the Rules; this report uses the content provided by retailers pursuant to rule 40.1

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Percentage of historical estimates report	GAR110
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	All allocation participants	APAR
Recipient	Char (4)	M	Gas Industry Co	GICX
Report Run Date	DD/MM/Y YYY	M	Date the report is created	02/11/2008
Report Run Time	HH:MM:S S	M	Time the report is created	12:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Consumption Period	MM/YYYY	M	Calendar month to which the information applies	10/2008
Allocation Stage	Char (1)	M	I – Initial Allocation M – Interim Allocation F – Final Allocation S – Special Allocation	I
Allocation Participant	Char (4)	M	Valid code of retailer	RETA
Gas Gate	Char (8)	M	Gas gate code as determined by GIC	TWA35610
Network Code	Char (4)	M	Valid network code	NETA
Total monthly submission volume (GJ) in this allocation stage	Num (10.3)	M	Consumption submitted aggregated by consumption period, allocation stage, retailer and gas gate.	1000.000

Description	Type	M/O	Rule	Example
Total monthly historical estimate (GJ) in this allocation stage	Num (10.3)	M	Quantity of historical estimate submitted aggregated by consumption period, allocation stage, retailer and gas gate.	600.000
Percentage of historical estimate in this allocation stage	Num (4.2)	M	Calculated from values above.	60.00
Percentage variation of this revision's submission volume in the initial allocation stage	Num (4.2)	M	Calculated. Percentage increase or decrease. Zero for initial allocation stage.	0
Percentage variation of this revision's historical estimate volume against the historical estimate volume in the initial allocation stage	Num (4.2)	M	Calculated. Percentage increase or decrease. Zero for initial allocation stage.	0

**Example  
(Proportion of  
historical  
estimates):**

HDR,GAR110,ALLA,APAR,GICX, 02/11/2008, 12:32:02,2  
DET,10/2008,I,RETA,TWA35610,NETA,1000.000,600.00,60.00,0,0  
DET, 10/2008,M,RETA,TWA35610,NETA,900.000,450.000,50.00,-10.0,-25.0



## GAR130 Allocation information to Transmission System Owners

- Provision of allocation information to transmission system owners (TSOs) for the purpose of upstream balancing and invoicing.
- Rules: 48.2.3, 49.2.3, 50.2.3
- Each gas gate is a separate file

Attribute	Format	M/O	Rule	Example
Header - Row 1			Must be "Welded Point ID,Date,Shipper ID,Contract ID,Delivered Energy".	Welded Point ID,Date,Shipper ID,Contract ID,Delivered Energy
Detail rows from row 2 onwards:				
Welded Point ID	Char(8)		Welded Point ID from the gas gate translation table. There can only be one such code in each file.	BEL24510
Date	dd/mm/yyyy		Valid date. There must be no missing days in the consumption month for each retailer and Contract ID unless the contract commenced or ceased trading during the month when there could be missing days.	1/12/2007
Shipper ID	Char(4)		Shipper ID from the allocation participant translation table. Each file contains all shippers with allocation information at this Welded Point ID.	RETA
Contract ID	Char(4)		Valid Contract ID for retailer for Date. It is possible for a retailer to have more than one Contract ID at a gas gate.	1109
Delivered Energy	Num(10.3)		Aggregated allocated quantities. A positive or negative number with leading and trailing zeroes omitted.	1566.114
One final trailing totals row:				
	Total,,,,<Num(10.3)>		Must be "Total,,,,," followed by a number that is the total of all the Delivered Energy values in the file.	Total,,,,,92868.183

**Example (Allocation Information to TSOs):**

Welded Point ID	Date	Shipper ID	Contract ID	Delivered Energy
BEL24510	1/12/2007	RETA	1109	1566.114
BEL24510	2/12/2007	RETA	1109	940.898
BEL24510	3/12/2007	RETA	1109	3237.515
.				
.				
.				
BEL24510	30/12/2007	RETB	1120	241.248
BEL24510	31/12/2007	RETB	1120	290.286
Total				92868.183

## GAR130A Allocation information for Transmission System Owners

- Provision of allocation information to transmission system owners (TSOs) for the purpose of upstream balancing and invoicing.
- Not required under the Rules, but a requirement of the allocation agent service provider agreement.
- Content is equivalent to the GAR130 but in a 'flat file' format, i.e. all gas gates in the same file

Attribute	Format	M/O	Rule	Example
Header - Row 1			Must be "Welded Point ID,Date,Shipper ID,Contract ID,Delivered Energy".	Welded Point ID,Date,Shipper ID,Contract ID,Delivered Energy
Detail rows from row 2 onwards:				
Welded Point ID	Char(8)		Welded Point ID from the gas gate translation table. There can only be one such code in each file.	BEL24510
Date	dd/mm/yyyy		Valid date. There must be no missing days in the consumption month for each retailer and Contract ID unless the contract commenced or ceased trading during the month when there could be missing days.	1/12/2007
Shipper ID	Char(4)		Shipper ID from the allocation participant translation table. Each file contains all shippers with allocation information at this Welded Point ID.	RETA
Contract ID	Char(4)		Valid Contract ID for retailer for Date. It is possible for a retailer to have more than one Contract ID at a gas gate.	1109
Delivered Energy	Num(10.3)		Aggregated allocated quantities. A positive or negative number with leading and trailing zeroes omitted.	1566.114
One final trailing totals row:				
	Total,,,,<Num(10.3)>		Must be "Total,,,,," followed by a number that is the total of all the Delivered Energy values in the file.	Total,,,,,92868.183

**Example (Allocation Information to TSOs):**

Welded Point ID	Date	Shipper ID	Contract ID	Delivered Energy
BEL24510	1/12/2007	RETA	1109	1566.114
BEL24510	2/12/2007	RETA	1109	940.898
BEL24510	3/12/2007	RETA	1109	3237.515
.				
.				
.				
BEL24510	30/12/2007	RETB	1120	241.248
BEL24510	31/12/2007	RETB	1120	290.286
.				
.				
WVY23601	31/12/2007	RETC	1189	5.390
Total				92868.183

## GAR140 Gas gate information

- Provision of gas gate reference information to allocation participants and Gas Industry Co
- Not required under the Rules, but a requirement of the allocation agent service provider agreement

Description	Type	M/O	Rule	Example
Gas Gate Code	Char (8)	M	Unique code	ASH34301
Gas Gate Name	Char (32)	M	Location details	Ashurst
Gas Gate Type	Char (2)	M	GN – gas gate connected network, EN – embedded gas network, GD – direct connect, UN – unmetered gas gate, OS – oversized metered gas gates, ND – notional delivery point.	GN
Network Code	Char (4)	M	Valid network code at the gas gate. For gas gates of type GD this will be the allocation code of the consumer.	NETA
Responsible TSO	Char (4)	M	TSO of the gas gate	VCTX
Parent Gas Gate Code	Char (8)	M / O	Required if gas gate type is EN.	
Notional Delivery Point Code	Char (8)	O	Gas gate code at which allocations are determined and published.	ASH34301
Notice Date	DD/MM/YYYY	M	Date when notice was given that this gas gate was to commence.	24/09/2008
Start Date	DD/MM/YYYY	M	Date the information in this record became applicable.	01/10/2008
End Date	DD/MM/YYYY	M	Date the information in this record ceased/ceases to be applicable.	31/12/9999
Audit Input Date/Time	DD/MM/YYYY HH:MM:SS	M		02/10/2008 12:32:02
Input By (User Name)	Char (8)	M		User

Description	Type	M/O	Rule	Example
Audit Deletion Date/Time	DD/MM/YYYY HH:MM:SS	O		
Deleted By (User Name)	Char (8)	O		

**Example (Gas gate information):**

ASH34301,Ashurst,GN,NETA,VCTX,  
,ASH34301,24/09/2008,01/10/2008,31/12/9999,02/10/2008 12:32:02,User, , ,

## GAR150 Gas gates with changed allocations

- Identification of gas gates with allocation quantities that have changed, or are new, since the last allocation, provided to retailers and the Transmission System Owner
- Not required under the Rules, but a requirement of the allocation agent service provider agreement

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Gas gates with changed allocations report	GAR150
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	All allocation participants	APAR
Recipient	Char (4)	M	Valid code of relevant participant	GICX
Current Allocation Stage	Char(5/7)	M	“Initial”, “Interim”, “Final”, “Special”	Initial
Previous Allocation Stage	Char(7)	M	“Initial”, “Interim”, “Final”, “Special”	Initial
Report Run Date	DD/MM/Y YYY	M	Date the report is run	13/11/2008
Report Run Time	HH:MM:S S	M	Time the report is run	11:32:02
Number of Records	Num (6)	M	Total number of detail records in report	3

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Consumption Period	MM/YYYY	M	Calendar month to which the information applies	10/2008
Gas Gate	Char(8)	M	Gas gate with revised allocation quantities	EGC30701
Injection Quantity Changed?	Char (2/3)	M	“Yes” if total monthly injection quantity has changed and “No” if total monthly injection quantity unchanged	Yes
Previous Injection Quantity (GJ)	Num (10.3)	M	Injection quantity provided by TSO for previous allocation run	756.123

Description	Type	M/O	Rule	Example
Current Injection Quantity (GJ)	Num (10.3)	M	Injection quantity provided by TSO for current allocation run	756.456

**Example (Gas gates with changed allocations):**

HDR,GAR150,ALLA,APAR,GICX, Initial, Initial, 13/11/2008, 12:32:02,3  
DET,10/2008,EGC30701,Yes,756.123,756.456  
DET,10/2008,GMM08001,Yes,230.00,267.246  
DET,10/2008,KAP12901,No



## GAR160 Summary of allocated quantities

- Provision of allocated quantities per retailer across all allocated gas gates in each interim allocation to Gas Industry Co
- Not required under the Rules, but a requirement of the allocation agent service provider agreement

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Summary of allocated quantities report	GAR160
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	All allocation participants	APAR
Recipient	Char (4)	M	Gas Industry Co	GICX
Report Run Date	DD/MM/YYYY	M	Date the report is run	13/11/2008
Report Run Time	HH:MM:SS	M	Time the report is run	11:32:02
Number of Records	Num (6)	M	Total number of detail records in report	3

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Consumption Period	MM/YYYY	M	Calendar month to which the information applies	10/2008
Allocation Stage	Char(1)	M	Interim Allocation	M
Allocation Participant	Char (4)	M	Retailer code of the allocated quantity being aggregated	RETA
Total Quantity (GJ) in the allocation stage	Num(10.3)	M	Aggregated allocation quantity	756.123

**Example (Summary allocation results):**

HDR,GAR160,ALLA,APAR,GICX, 13/11/2008, 12:32:02,3  
 DET,10/2008,M,RETA,756.123  
 DET,10/2008,M,RETB,230.000  
 DET,10/2008,M,RETC,63.556

## GAR170 Submissions summary

- Provision to Gas Industry Co of total injection and consumption quantities submitted
- Not required under the Rules, but a requirement of the allocation agent service provider agreement

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Submissions summary report	GAR170
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	All allocation participants	APAR
Recipient	Char (4)	M	Gas Industry Co	GICX
Report Run Date	DD/MM/Y YYY	M	Date the report is run	13/11/2008
Report Run Time	HH:MM:S S	M	Time the report is run	11:32:02
Number of Records	Num (6)	M	Total number of detail records in report	6

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Consumption Period	MM/YYYY	M	Calendar month to which the information applies	10/2008
Allocation Stage	Char (1)	M	I – Initial Allocation M – Interim Allocation F – Final Allocation S – Special Allocation	I
Network Code	Char (4)	M	Valid network code	NETA
Gas Gate	Char (8)	M	Gas Gate code as determined by GIC	WVY23601
Allocation Participant	Char (4)	M	Valid code of retailer for consumption submissions, or relevant TSO for injection information	RETA
Aggregation Level	Char (12)	M	For injection submissions "Injection" otherwise for consumption aggregate to the allocation group level "AllocGroup" <allocation group> otherwise "Retailer"	Injection

Description	Type	M/O	Rule	Example
Total Quantity (GJ) in this allocation stage	Num (10.3)	M	Aggregated consumption or injection quantity at the relevant aggregation level	1650.900
Estimate Indicator	Char (1)	O	"E" if estimated data in GAS050 submission file and/or allocation agent has estimated data in lieu of missing data from retailer or TSO, else blank	E

**Example (Submissions summary):**

HDR,GAR170,ALLA,APAR,GICX, 13/11/2008, 11:32:02,6  
DET,10/2008,I,NETA,WVY23601,VCTX,Injection,1650.900,E  
DET,10/2008,I,NETA,WVY23601,RETA,AllocGroup 1,1756.123,E  
DET,10/2008,I,NETA,WVY23601,RETA,AllocGroup 4,230.000  
DET,10/2008,I,NETA,WVY23601,RETA,Retailer,986.123,E  
Etc

## GAR180 Daily allocation information

- Provision of daily allocation information aggregated at a retailer, gas gate, allocation group and contract ID level to Gas Industry Co
- Not required under the Rules, but a requirement of the allocation agent service provider agreement

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Daily allocation information report	GAR180
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	All allocation participants	APAR
Recipient	Char (4)	M	Gas Industry Co	GICX
Report Run Date	DD/MM/YYYY	M	Date the report is run	13/11/2008
Report Run Time	HH:MM:SS	M	Time the report is run	11:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Consumption Period	MM/YYYY	M	Calendar month to which the information applies	10/2008
Allocation Stage	Char (1)	M	I – Initial Allocation M – Interim Allocation F – Final Allocation S – Special Allocation	I
Allocation Participant	Char (4)	M	Valid code of retailer	RETA
Gas Gate	Char (8)	M	Gas Gate code as determined by GIC	WVY23601
Network Code	Char (4)	M	Valid network code	NETA
Gas Gate Injected Quantity for Consumption Day	Num (10.3)	M	Injected quantity at gas gate in GJ for the gas gate, consumption day and allocation stage	7654.321

Description	Type	M/O	Rule	Example
Gas Gate Annual UFG Factor	Num (5.4)	M	Annual UFG factor used for allocation groups 1 and 2 for the gas gate, consumption period and allocation stage	.9981
Gas Gate Monthly UFG Factor	Num (5.6)	M	Monthly UFG factor used for allocation groups 3 to 6 for the gas gate, consumption period and allocation stage	.9876
Allocation Group	Num (1)	M	Allocation group (1 to 6)	1
Contract ID	Num (8)	M	Contract ID for gas transmission contract	1001
Consumption Day	DD/MM/YYYY	M	Date of the consumption day for which the allocation has been made	01/10/2008
Allocation for Consumption Day (GJ)	Num (10.3)	M		83.321

**Example (Daily allocation summary):**

HDR,GAR180,ALLA,APAR,GICX, 13/11/2008, 11:32:02,2

DET,10/2008,I,RETA,WVY23601,NETA,7654.321,.9981,.9876,1,1001,01/10/2008,83.321

DET,10/2008,I,RETA, BEL24510, NETA,87654.321,.9888,.9876,4,1111,01/10/2008,4.111

## GAR190 Daily submission information

- Provision of daily submissions aggregated at a retailer, gas gate, allocation group and contract ID level.
- Not required under the Rules, but a requirement of the allocation agent service provider agreement

Description	Type	M/O	Rule	Example
Header Record Type	Char (3)	M		HDR
File Type	Char (6)	M	Daily submissions report	GAR190
Sender	Char (4)	M	Party code of sender – the allocation agent	ALLA
Allocation Participant	Char (4)	M	All allocation participants	APAR
Recipient	Char (4)	M	Gas Industry Co	GICX
Report Run Date	DD/MM/YYYY	M	Date the report is run	13/11/2008
Report Run Time	HH:MM:SS	M	Time the report is run	11:32:02
Number of Records	Num (6)	M	Total number of detail records in report	2

Description	Type	M/O	Rule	Example
Detail Record Type	Char (3)	M		DET
Allocation Participant	Char (4)	M	Valid code of retailer	RETA
Consumption Period	MM/YYYY	M	Calendar month to which the information applies	10/2008
Allocation Stage	Char (1)	M	I – Initial Allocation M – Interim Allocation F – Final Allocation S – Special Allocation	I
Gas Gate Allocated	Char (8)	M	Gas gate code at which allocations are determined and published.	WVY23601
Gas Gate Submitted	Char (8)		Gas gate as submitted by the retailer	WVY23601
Allocation Group	Num (1)	M	Allocation group (1 to 6)	1
Contract ID	Num (8)	M	Contract ID for gas transmission contract	1001

ICP	Num (15)	M	Valid Installation Control Point code	0001234567QT123
Consumption Day	DD/MM/YYYY	M	Date of the consumption day for which the allocation has been made	01/10/2008
Submission for Consumption Day (GJ)	Num (10.3)	M		79.000
Filename	Char	M	The submission file used for the allocation	RETA_G_ALLA_GAS050_201608_20170913_289771.txt

**Example (Daily allocation summary):**

HDR,GAR190,ALLA,APAR,GICX, 13/11/2008, 11:32:02,2

DET,RETA,10/2008,I,WVY23601,WVY23601,1,1001,0001234567QT123,01/10/2008,79.000, RETA\_G\_ALLA\_GAS050\_201608\_20170913\_289771.txt

Etc