**Technical Guide**

**Confirmation Notice**

October 10th 2022



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| **Reference** | | GuideTechnique-AVP-EN | | | | **Rating** | | |  | | | |
|  |  | | | | | | | | | | | |
| **Accessibility** | | | *Accès réservé* |  | *Restreint* | |  | *Interne* | |  | *Libre (à préciser)* | **X** |
|  |  | | | | | | | | | | | |
| **Summary** | | | | | | | | | | | | |
| This document describes the format for exchanging data relating to the Confirmation Notice, abbreviated AVP. | | | | | | | | | | | | |

# Version tracking

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Auteur(s)** | **Description** |
| V1.0 | 20/05/2022 | M LE GAOUYAT | Initial Version |
| V1.1 | 26/09/2022 | M LE GAOUYAT | Modifications (API §3 & §6) |
| V1.2 | 10/10/2022 | C FLORESTANO | To clarify API Acess |

# Description

Confirmation Notice (AVP in french) is a document specific to a transmission contract, which summarizes the confirmed nominations concerning the holder of the transmission contract.

The document allows a shipper to consult the confirmed nominations for all the contractual point/direction on which there is at least one nomination.

# Available method of publication

The AVP document is published by GRTgaz to shippers according to the following methods:

* **Proactive** : one publication per nomination cycle per gas day on csv format. The file will be published by sFTP and downloadable from Ingrid. NB : an EDIg@s version exists (called NOMRES). The sFTP tecnical guide is available on our website.
* **By API**: An API is available to get the data related to the AVP publication in JSON format. In order to implement the interface please refer to the §6. Credentials are required for the connection : please refer to your GRTGAZ commercial GRTGAZ contact.

# Document name and format

The document will be published in csv format.

The name of the file will comply with the following rules :

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **N°** | **Label** | **Type** | **Length** | **Format** |
| **1** | Type of the document | Alphanumeric | 3 | AVP |
| **2** | Contract code | Alphanumeric |  |  |
| **3** | Gas Day | Date | 8 | YYYYMMDD |
| **4** | Generation date | Date | 17 | DDMMYYYYhhmmssSSS |
| **5** | Extension | Alphanumeric | 4 | .csv |
| **6** | Separators |  | 1 | « \_ » |

As a result, the document will have for instance the following name:

AVP\_CODECONTRAT\_AAAAMMJJ\_JJMMAAAAhhmmssSSS.csv

# Description of document format for each publication

The file is published in CSV format

Header :

The header contains the information about the shipper. It consists of the following data:

* Avis de Programmation / Confirmation Notice :
  + Example : AVP-XXXX
  + The reference is filled in as follows:
    - 3 letters AVP
    - A sequence
* Réseau / Network :
  + Example : GRTgaz
* Période / Period :
  + Example : 01/12/2022 06 : 00 – 02/12/2022 06 :00
  + The period is defined with the Gas Day of the nominations reported in the AVP
* ID contrat/ ID contract:
  + Example : GFXXXX01
  + The contract identifier is the one of the shipper contract.
  + It is built as follows:
    - First 2 letters are always GF
    - The rest of the code consists of 4 letters
    - The code ends with 2 digits
* ID expéditeur/ ID shipper :
  + Example : GFXXXX
  + The shipper identifier is built from the contract ID without the last 2 digits
* Nom de l’expéditeur/ Name of the shipper:
  + Example : XXXX
  + Shipper’s company name linked to shipper contract
* Date de mise à jour / Last update
  + Exemple : 02/12/2021 01 :40 : 25
  + Last update
* Identifiant EDIG@s / ID EDIG@s :
  + Exemple : NOMINT00000
  + Code of the last transmission request used for the AVP

**Imbalance data :**

The tables presented in this part contain the following columns:

* Col No: number of the column in the row
* Name: description of the content of the field
* Type: field type
* Format: data format
* Mandatory: determines whether the field is mandatory or not
* Description: additional precision
* Example: range of values that the data can take or examples of values.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **N° Col** | **Name** | **Type** | **Format** | **Mandatory** | **Description** | **Example** |
| **1** | Journée gazière / Gas day | Date | jj/mm/aaaa | Y | Gas Dy | 01/01/2022 |
| **2** | Périmètre d'Equilibrage / Balancing Zone | Tex |  | Y | Imbalance perimeter | GRTgaz |
| **3** | Déséquilibre programmé France (kWh à 25°C) / Confirmed imbalance France (kWh at 25°C) | Numeric |  | Y | Value of Imbalance perimeter |  |

**Nominations table :**

The tables presented in this part contain the following columns:

* Col No: number of the column in the row
* Name: description of the content of the field
* Type: field type
* Format: data format
* Mandatory: determines whether the field is mandatory or not; if the field is not filled in, it is empty
* Description: additional precision
* Example: range of values ​​that the data can take or examples of values.

The nomination data table starts after the previous table.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **N° Col** | **Name** | **Type** | **Format** | **Mandatory** | **Description** | **Example** |
| **1** | Journée gazière / Gas day | Text | jj/mm/aaaa | Y | Gas Day | 01/01/2022 |
| **2** | Périmètre d'Equilibrage / Balancing Zone | Text |  | Y | Imbalance perimeter | GRTgaz |
| **3** | ID point contrat / ID service point | Alphanumeric |  | Y | Contractual point | IR0006, IR0010, etc. |
| **4** | Type de PCR / PCR type | Text |  | Y | Type of contractual point | PIR, PITTM, etc. |
| **5** | Libellé / Label | Text |  | Y | Name of contractual point | Virtualys, Oltingue, … |
| **6** | Sens / Direction | Text |  | Y | Direction of the nomination | Rec, Del |
| **7** | Contrepartie / Counterpart | Alphanumeric |  | Y | Counterpart of the nomination | GFOPER |
| **8** | Qté demandée (kWh à 25°C) / Requested Qty (kWh at 25°C) | Numeric |  | Y | Value of the requested nomination | -200000 |
| **9** | Qté programmée GRTgaz (kWh à 25°C) / Qty confirmed by GRTgaz (kWh at 25°C) | Numeric |  | Y | Value of the confirmed nomination | -200000 |
| **10** | Qté proposée en contrepartie (kWh à 25°C) / Qty proposed by Counterpart (kWh at 25°C) | Numeric |  | N | Value of the counterpart nomination (essentially for PEG) | 200000 |

**File example :**



# API interface

API signature (yaml format) are available at url below :

Production environment :

<https://api.ingrid.grtgaz.com/publication/operations/v3/api-docs.yaml>

Staging environment :

<https://api.ingrid-stg.grtgaz.com/publication/operations/v3/api-docs.yaml>

Please get from your commercial contract client and secret required for connection.

Document Technical guide connection API provides further details for using APIs.