**Technical Guide**

**Operational Capacity Notice**

October 10th 2022



|  |  |  |  |
| --- | --- | --- | --- |
| **Reference** | GuideTechnique-ACO-EN | **Rating** |  |
|  |  |
| **Accessibility** | *Accès réservé* |  | *Restreint* |  | *Interne* |  | *Libre (à préciser)* | **X** |
|  |  |
| **Summary** |
| This document describes the format for exchanging data relating to the Operational Capacity Notice |

# Version tracking

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Autor(s)** | **Description** |
| V1.0 | 20/05/2022 | M LE GAOUYAT | Initial Version |
| V1.1 | 26/09/2022 | M LE GAOUYAT | Modifications (API §3 & §6, §4, §5 & Fichier ACO) |
| V1.2 | 10/10/2022 | C FLORESTANO | To clarify API Acess |

# Description

The Operational Capacity Notice (ACO in french) is a document specific to a transmisison contract, which summarizes :

* the last transmission request that the owner of the transmission contract has sent to GRTgaz
* susbcribed capacities
* effective capacities
* optimized capacities.

# Available method of publication

ACO document is published by the following method :

* **Proactive** : one publication per nomination cycle per gas day on csv format. The file will be published by sFTP and downloadable from Ingrid. The sFTP tecnical guide is available on GRTgaz website.
* **By API**: An API is available to get the data related to the ACO 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 file will be published on 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 | ACO |
| **2** | Contract code | Alphanumeric |  |  |
| **3** | Gas Day | Date | 8 | YYYYMMDD |
| **4** | Generation Date | Date | 17 | DDMMYYYYAhhmmssSSS |
| **5** | Extension | Alphanumeric | 4 | .csv |
| **6** | Separators |  | 1 | « \_ » |

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

ACO\_CODECONTRAT\_AAAAMMJJ\_JJMMAAAAhhmmssSSS.csv

# Description of document format

The file will be published on csv format.

Header :

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

* Avis de Capacités Opérationnelles / Operational Capacity Notice :
	+ Eaemple : ACO-XXXXX
	+ The reference is built by the following rules :
		- 3 letters ACO
		- One sequence
* Réseau / Network :
	+ Example : GRTgaz
* Période / Period :
	+ Example : 01/12/2022 06 : 00 – 02/12/2022 06 :00
	+ The period is calculated with the gas day inside the ACO
* ID contrat/ ID contract:
	+ Example : GFXXXX01
	+ Contract code of the shipper.
	+ It’s built with the following rules :
		- 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 sender 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
	+ Example : 02/12/2021 01 :16 : 25
	+ Date of provision of the ACO

**Body :**

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 Day | 01/01/2022 |
| **2** | PCR / Service Point | Text |  | Y | Code of the contractual point  | IR0006, IR0010, etc. |
| **3** | Type de PCR / PCR type | Text |  | Y | Type of the contractual point | PIR, SP, etc. |
| **4** | Libellé / Label | Text |  | Y | Label of the contractual point | Dunkerque |
| **5** | Sens / Direction | Text |   | Y | Direction of the contractual point | Rec, Del |
| 6 | Demande d'acheminement / Transmission request | Numeric |   | N | Value of the last updated transmission request used by the nomination cycle | -200 000(KWh/J 25°C) |
| **7** | COS | Numeric |  | N | Susbcribed Operational Capacities | 100 000(KWh/J 25°C) |
| **8** | COSf | Numeric |  | N | Firm Susbcribed Operational Capacities | 100 000(KWh/J 25°C) |
| **9** | COSi | Numeric |  | N | Interuptible Susbcribed Operational Capacities | 100 000(KWh/J 25°C) |
| **10** | COSi A | Numeric |  | N | Annual Interruptible Susbcribed Operational Capacities | 100 000(KWh/J 25°C) |
| **11** | COSi T | Numeric |  | N | Quaterly Interruptible Susbcribed Operational Capacities | 100 000(KWh/J 25°C) |
| **12** | COSi M | Numeric |  | N | Monthly Interruptible Susbcribed Operational Capacities | 100 000(KWh/J 25°C) |
| **13** | COSi Q | Numeric |  | N | Daily Interruptible Susbcribed Operational Capacities | 100 000(KWh/J 25°C) |
| **14** | COE | Numeric |  | N | Effective Operational Capacity (sum of COEf and COEi) | 100 000(KWh/J 25°C) |
| **15** | COEf | Numeric |  | N | Firm Effective Operational Capacity  | 100 000(KWh/J 25°C) |
| **16** | COEi | Numeric |  | N | Interruptible Effective Operational Capacity  | 100 000(KWh/J 25°C) |
| **17** | COEf probable | Numeric |  | N | Probable Firm Effective Operational Capacity  | 100 000(KWh/J 25°C |
| **18** | COEf min | Numeric |  | N | Minimum Firm Effective Operational Capacity  | 100 000(KWh/J 25°C |
| **19** | COA garantie / Acquired COA | Numeric |  | N | Acquired Allocated Operational Capacity | 100 000(KWh/J 25°C) |
| **20** | Offre UBI restante / UBI Offer | Numeric |  | N | UBI offer | 100 000(KWh/J 25°C) |
| **21** | CU D | Numeric |  | N | Under Rights Optimised Capacity | 100 000(KWh/J 25°C) |
| **22** | CU HD | Numeric |  | N | Above Rights Optimised Capacity | 100 000(KWh/J 25°C) |

**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.