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## **Implementation Guide of OCAPPI**

### **V1.7 – Approved**

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## Implementation Guide of OCAPPI

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## CHANGE HISTORY

Index	Date	Approval	Author	Modifications
1.0	27/07/2020	Approved	Najla Hamada	Initial version
1.1	22/09/2020	Approved	Grégoire Sion	Style
1.2	24/12/2020	Approved	Najla Hamada	<p>Modifications described below :</p> <ul style="list-style-type: none"> <li>Documentation update in the §1.2. "Normative references"</li> <li>Adding "nomination holder" to the §2. "Terms and definitions" table</li> <li>Adding a Nota Bena to §6.1. "Rights document"</li> <li>Precising the term "Nomination holder" instead of "Document sender" in the files specifications</li> <li>Adding the following precision: <i>"An ITR can nominate only for the Rights Portfolio they manage."</i></li> <li>Adding a new statement in §6.3.2. Background on nominations and pre-nominations</li> <li>Deleting from §6.4. "Status Request for Confirmation Report" a paragraph regarding the rejection of Status request files in some cases.</li> <li>Adding precision to §6.5. "Status Request for Rights portfolio" regarding the case when no Rights exist for the participant</li> <li>Adding precision to §6.8. "Rights portfolio"</li> <li>Completing the list of supported reason codes in §6.11. "List of supported reason codes"</li> <li>Updating example files of the API</li> <li>Updating example files handled by OCAPPI</li> </ul>

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1.3	04/01/2020	Approved	Frédéric Filliat	<ul style="list-style-type: none"> <li>Correction of the input parameters of the API resources nominate and request_status in §9 : <ul style="list-style-type: none"> <li>Text/plain instead of application/json</li> <li>Name parameter has been deleted</li> </ul> </li> <li>Adding a description paragraph, §6.2.5, of the nomination delegation principle</li> </ul>
1.4	11/05/2020	Approved	Frédéric Filliat	<ul style="list-style-type: none"> <li>Swagger correction in the API section : modification of the input parameters from application/json to text/plain to match the specifications of the API in the API section</li> </ul>
1.5	28/03/2022	Approved	Grégoire Sion	<ul style="list-style-type: none"> <li>Updated §8.5 to add a description of the new TAB Feature</li> <li>Updating the conditions where the anomaly report is sent (API nominate)</li> </ul>
1.6	13/10/2022	Approved	Yasmine Kallel	<ul style="list-style-type: none"> <li>Updated §6.2.2, §6.2.3 and §10.2. about nomination quantity granularity</li> <li>Updated §6.2.3 about the nomination process above the RD quantity</li> </ul>
1.7	08/02/2023	Approved	Yasmine Kallel	<ul style="list-style-type: none"> <li>Updated §6.2.3.4 and §10.2. about nomination quantity granularity for the Swiss border</li> </ul>

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## 1. Introduction

### 1.1 Scope

This document is intended for external users of RTE's CAPacity and Interconnection Schedule Management Tool (OCAPPI). This tool is implemented so that RTE can, among other things, receive cross border nominations.

OCAPPI is a new tool that is designed to overhaul and modernize the current nomination tool MORGAN.

The extended scope of the application is not presented in this document.

This implementation guide gives a detailed description of all the interfaces between OCAPPI and its users.

### 1.2 Normative references

The norms and rules referred to in this implementation guide, can be found in the following documents.

N°	Document	Source
[1]	IS Rules (i.e. Rules governing access to the RTE information system)	<a href="https://www.services-rte.com/en/learn-more-about-our-services/access-to-french-interconnections.html">https://www.services-rte.com/en/learn-more-about-our-services/access-to-french-interconnections.html</a>
[2]	User Guide for the certificate	<a href="https://easypki.rte-france.com/en/">https://easypki.rte-france.com/en/</a>
[3]	ENTSO-E European style market profile (ESMP) documents	<a href="https://www.entsoe.eu/publications/electronic-data-interchange-edi-library/">https://www.entsoe.eu/publications/electronic-data-interchange-edi-library/</a>
[4]	ENTSOE Code List	<a href="https://www.entsoe.eu/Documents/EDI/Library/CodelistV70.zip">https://www.entsoe.eu/Documents/EDI/Library/CodelistV70.zip</a>

In case of contradictions with the aforementioned documents, this implementation guide will prevail.

### 1.3 Evolution of technical specifications

Each of the technical specifications in this implementation guide may be revised on the initiative of RTE. Unless explicitly stipulated, these revisions should be notified to users six months before they are published in production.

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## 2. Terms and definitions

The project must adopt standard definitions used in ENTSO-E papers. Complete documentation can be found on the following website: <https://www.entsoe.eu/>.

Term	Meaning (within this document)
ATC	<b>A</b> vailable <b>T</b> ransfer <b>C</b> apacity: the ATC is the part of NTC that remains available, after each phase of the allocation procedure, for further commercial activity.
CT	<b>C</b> apacity <b>T</b> rader: acquires capacity on the capacity market through the primary market organised by the Transmission Capacity Allocator or through the secondary market. The capacity in question may be acquired on behalf of an Interconnection Trade Responsible or acquired to be sold/transferred on the secondary market.
GUI	<b>G</b> raphical <b>U</b> ser <b>I</b> nterface
ITR	<b>I</b> nterconnection <b>T</b> rade <b>R</b> esponsible: Is a Balance Responsible Party on behalf of a Registered User.
MW	<b>M</b> ega <b>W</b> atts
Nominations	The notification to the TSOs by a User of his schedules relating to the capacity they want to use within the capacity awarded to them (expressed in MW).
Pre-Nominations	Pre-Nominations is a feature offered by OCAPPI. The use of this feature is not mandatory. The ITRs can submit a nomination before the opening of the nomination gate (during the pre-nomination gate). The characteristics of pre-nominations are: <ul style="list-style-type: none"> <li>• no CapacityAgreementIdentification is used as Rights Document have not been published yet</li> <li>• ObjectAggregation is A03 (instead of A04)</li> </ul>
Periodic	Long Term (monthly and/or yearly)
RD	<b>R</b> ights <b>D</b> ocument
User	A legal person which has been registered to participate in the nomination process in the application
LT	<b>L</b> ong <b>T</b> erm
Market period	The "market period" is the application date. For example if you want some capacity for the fourth of January, you send a nomination for the market period "04-01" (Market Period = Delivery Date). It designates the Delivery day.
Rights Holder	The "Rights Holder" is the one who has available capacity that they could nominate
Domain	A Domain corresponds to a set of homogeneous borders. It represents a region. For example, CWE Domain is constituted of German and Belgian borders.

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Term	Meaning (within this document)
	Domains handled by OCAPPI : <ul style="list-style-type: none"> <li>• <b>CWE domain</b> : 10YDOM-REGION-1V</li> <li>• <b>Italian domain</b> : 10YDOM--FR-IT--Q</li> <li>• <b>Swiss domain</b> : 10YDOM--CH-FR--W</li> <li>• <b>Spanish domain</b> : 10YDOM--ES-FR--D</li> </ul>
Area	It represents the French borders. The areas mentioned in a document have to be part of the Domain, as follows : <ul style="list-style-type: none"> <li>• <b>Areas of CWE domain</b> : 10YBE-----2, 10YDE-RWENET---I, 10YDE-ENBW-----N</li> <li>• <b>Areas of the Italian domain</b> : 10YIT-GRTN-----B</li> <li>• <b>Areas of the Spanish domain</b> : 10YES-REE-----0</li> <li>• <b>Areas of the Swiss domain</b> : 10YCH-SWISSGRIDZ</li> </ul>
CAI	The <b>Capacity Agreement Identification</b> refers to the identification of the rights acquired by every participant and that is mentioned in the RD files.
Nomination Holder	Nomination holders are parties that hold the nomination. They may be the nomination sender or parties that designate other ITRs as nomination sender on their behalf.
Certificate holder	Refers to a party designated by a nomination holder in the "Connection Guide to RTE Information System", to access the RTE information system and act on the party's behalf. The Certificate Holder may be a third party company.

## 3. Access RTE's Information System

### 3.1 General access

The general conditions to access RTE's IS are defined in the documents [1] and [2].

The OCAPPI application is accessible through the RTE Front Office.

RTE's Front Office is the entry point that enables the access to the different applications.

### 3.2 Access to OCAPPI

Requests for access to RTE's applications, and specifically OCAPPI, are made using this form: <https://www.services-rte.com/en/home/form-si-pki-access-request.html>.

This functionality is available since December 2020.

### 3.3 Prerequisite

To access OCAPPI, the participant must:

- have a valid certificate ;



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Only one certificate should be used for both training and production platforms. In any case, the users will be notified if new certificates have to be used for the training platform or the production platform.

### 3.4 Obtaining the certificate provided by RTE

In order to be able to use OCAPPI, the participant should follow the procedure mentioned in §3.2 – Access to OCAPPI. Users can contact their "Customer Relations Officer" for any additional information.

Once the request is processed, an electronic key (certificate) to connect to RTE's IS is provided to the participant. This key must be implemented according to the methods described in the reference document [2].

### 3.5 Participants with valid MORGAN certificate

Certificates used to access the MORGAN platform enable access to OCAPPI.

If the participants use a certificate with an email that ends with "@services.rte-france.com", we recommend they ask for a new certificate with their own e-mail address. This operation is possible through the user's RTE personal account accessible via the link <https://www.services-rte.com/en/request-for-it-access>.

This action is mandatory if the user wants to receive a notification email in case of curtailment. Please note that, if a certificate is generated for the new e-mail address, the users could ask to switch all their RTE applications access to this new certificate.

### 3.6 Access to the web interface of OCAPPI

The web interface of OCAPPI is accessible through a web browser with the electronic key (certificate) at the following URL<sup>1</sup>:

Platform	Means of access	URL
Training	Internet	<a href="https://secure-apps.iservices.rte-france.com/ocappi-formation">https://secure-apps.iservices.rte-france.com/ocappi-formation</a>
Production	Internet	<a href="https://secure-apps.iservices.rte-france.com/ocappi">https://secure-apps.iservices.rte-france.com/ocappi</a>

The OCAPPI web GUI is accessible using Firefox or Edge Chromium, without any additional plug-ins. RTE only supports the use of these browsers.

The screens and main functionalities of the GUI of OCAPPI are described in the next sections.

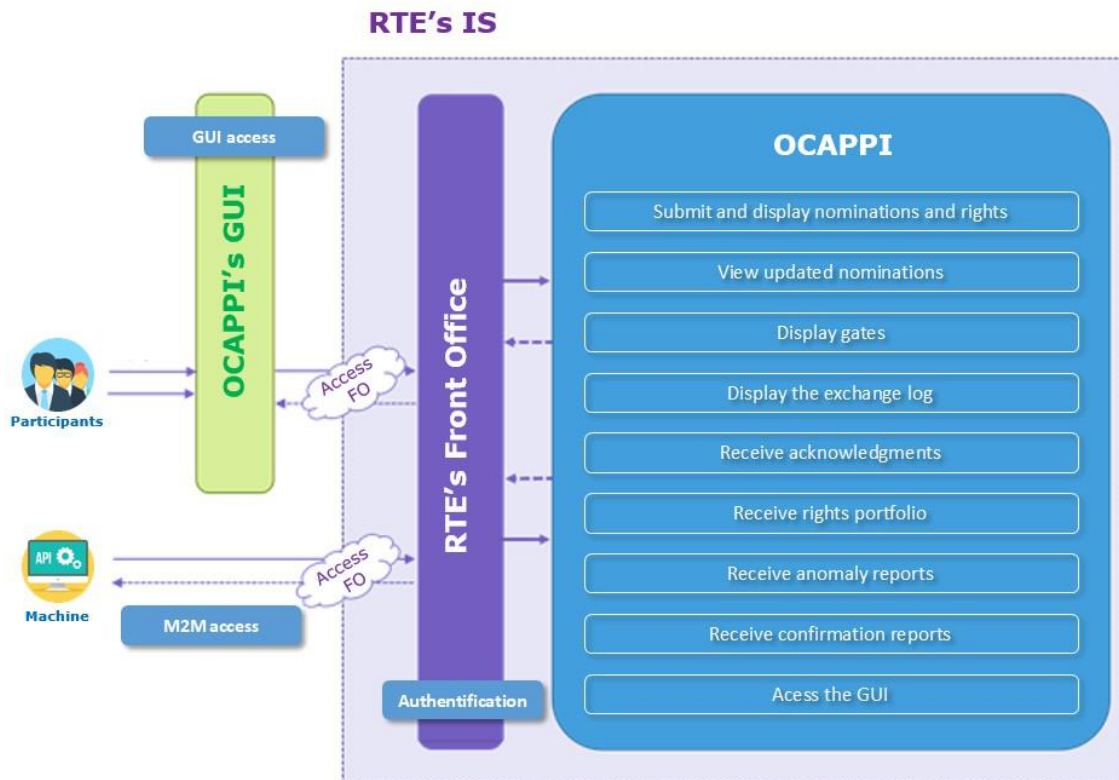
<sup>1</sup> The URL could be updated by RTE. The users will be notified in this case.

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## 4. Architecture of OCAPPI

The diagram below shows the overall architecture of the OCAPPI application:



### 4.1 Interfacing solutions

There are two interfacing solutions with OCAPPI, namely:

- OCAPPI's web GUI
- A Machine to Machine interface (M2M)

#### 4.1.1 OCAPPI's web GUI

When clicking on the application's URL, the participant will be automatically redirected to OCAPPI's GUI.

The participant can perform the following operations:

- Submit a nomination
- Enter a nomination via the GUI
- Display the exchange log and download the files
- Display the gates

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- View declared nominations and view the validated nominations
- Display Rights
- Upload Status Request document and Nomination files
- Display Confirmation Reports and Rights Portfolio

The details of these files are presented in the chapters below.

#### 4.1.2 Machine to Machine interface (M2M):

This interface is created to allow:

- Sending a nomination by a participant
- Sending a status request document to ask for a Confirmation Report or a Rights portfolio
- Consult any potential Anomaly Report

The specifics needed in order to interact with the Machine to Machine Interface are presented below.

#### 4.1.3 Functionalities offered according to the Interface

The table below presents a summary of the functionalities available according to the interface used:

Functionnality	API	GUI
<b>Send a Nomination</b>	X	X
<b>Modify a nomination</b>	X	X
<b>Enter a nomination</b>		X
<b>View/download a nomination</b>		X
<b>View Rights</b>		X
<b>Send a status request</b>	X	X
<b>Get a confirmation report (intermediate/final)</b>	X	
<b>Get a Rights portfolio</b>	X	
<b>View/download a confirmation report (intermediate/final)</b>		X
<b>Receive an anomaly report</b>	X	
<b>View/download an anomaly report</b>		X

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<b>View/download an acknowledgment</b>		X
<b>Receive an acknowledgment</b>	X	

## 5. General implementation rules


### 5.1 Exchanged files' versions

All data exchanges between OCAPPI and the market participants and TSOs use the ENTSO-E standard documents.

**Nota Bene:** please note that, when opening the XSDs below, the file name has to be updated in order to delete random numbers that may appear (e.g `schedule-xml (2).xsd` ).

File name	XSD version	XSD
<b>Nomination</b>	Schedule Document v3R3	 schedule-xml.xsd
<b>Status request</b>	ESR Status Request v1R1	 status-request.xsd
<b>Confirmation report</b>	ESS Confirmation Report v3R3	 confirmation-xml.xsd
<b>Rights document</b>	Rights v4R0	 rights-document.xsd
<b>Acknowledgment</b>	Acknowledgement v5R0	 acknowledgement.xsd
<b>Anomaly report</b>	Anomaly Report v3R3	 anomaly-xml.xsd

Besides the regular files XSDs, below are mentioned the cross-functional XSDs:

File name	XSD version	XSD
<b>ETSO Code List</b>	V70R0	 etso-code-lists.xsd

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<b>ETSO Core components</b>	V21R0	 <b>etso-core-cmpts.xsd</b>
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## 5.2 Naming convention

Through API, file names are not retrieved. Thus, no naming convention is defined.

No validation will be made on file names of data sent to OCAPPI.

## 5.3 File sizes and frequency of API requests

File sizes **cannot exceed 10 Mo**.

Requests for ETSO Status Requests through API must **not exceed 1 request per minute**.

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## **6. Specifications of the exchanged files**

### **6.1 Rights document**

Periodic/long term and day-ahead Rights document are hourly data. For a given participant, they correspond to the Rights portfolio for the target market period.

Right documents concern a given market day.

On all RTE Borders (FR↔ES, FR↔IT, FR↔CH and FR↔CWE Domain), the Rights documents are published by JAO or by the TSO Common System. The Rights documents are visible into the user interface as soon as they are received.

The users have the possibility to ask for their Rights portfolio using a Status Request File, sent via API or uploaded via the GUI. The Rights portfolio is then available by API and/or in the exchange Log screen in the GUI.

Rights document may be modified after the opening of the Nomination Gate. In that case, the system will automatically generate again existing Nominations relative to the new Rights document if nomination quantities are higher than the RD quantities, and shave them if the nomination quantities are higher than the allowed Rights.

A notification e-mail can be sent to the participant when the nomination has been updated by the system.

The mail is not "secure" and no attachment will be sent in the email.

Users who want to receive this e-mail should ask for the "notification role" in their private RTE account accessible via the link "<https://www.services-rte.com/en/request-for-it-access>".

For this purpose and before starting to use OCAPPI in production, the users may ask their "Customer Relations Officer" for more information.

**Nota Bene:** the notification role will automatically be activated for users who already have access to the MORGAN application. If users want to disable the reception of notification mails, they will have to ask their Customer Relations Officer for that.

### **6.2 Nomination files**

#### **6.2.1 Specifications of the file**

The Interconnection Trade Responsible can submit Nomination documents during all the Nomination gates.

Please note that if the Party has appointed a third party (the certificate holder) to nominate on its behalf, only the certificate holder could nominate. Thus, the certificate holder is the only user entitled to submit the files and to display the different exchanged files in OCAPPI's GUI.

The Nomination documents should comply with the ESS Schedule Document v3r3 xml format.

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Schedule Document	
Tag Name	Periodic and Daily Nominations
Input/Output	Input
MessageIdentification	Senders Unique Identification
MessageVersion	Senders unique version (incremented with each transmission of the same document)
MessageType	Balance responsible schedule A01
ProcessType	Long Term: A12 Day-Ahead: A01
ScheduleClassificationType	Exchange A01
SenderIdentification	EIC code of the Nomination holder
SenderRole	ITR A30
ReceiverIdentification	10XFR-RTE-----Q
ReceiverRole	Nomination Validator A31
Message date and time	Creation date/time of the document (in ISO 8601 UTC format) YYYY-MM-DDTHH:MM:00Z
ScheduleTimeInterval	Period covered (in ISO 8601 UTC format) YYYY-MM-DDTHH:MMZ/YYYY-MM-DDTHH:MMZ This should cover the complete day In relation to a CET time zone: In winter the time spread is from 23:00 UTC to 23:00 UTC The change from winter to summer time spread is from 23:00 UTC to 22:00 UTC The summer time spread is from 22:00 UTC to 22:00 UTC The change from summer to winter time spread is from 22:00 UTC to 23:00 UTC
Domain	Domain associated to the border (10YDOM-REGION-1V, 10YDOM--ES-FR- -D, 10YDOM--FR-IT--Q, 10YDOM--CH-FR--W)
SubjectParty	<b>NOT USED</b>
SubjectRole	<b>NOT USED</b>
MatchingPeriod	Matching Period (in ISO 8601 UTC format) YYYY-MM-DDTHH:MMZ/YYYY-MM-DDTHH:MMZ This should cover the complete day for long term and D-1

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ScheduleTimeSeries	
SendersTimeSeriesIdentification	<i>Unique Identification of Time series within document</i>
SendersTimeSeriesversion	<i>Version number assigned to the time series in question. Time series version shall be the same as the document version number for its initial transmission.</i>
Business Type	External Trade Explicit Capacity A03 or External trade without explicit capacity A06
Product	8716867000016
ObjectAggregation	A04 – Agreement
InArea	10Y code of area being delivered 10YFR-RTE-----C, 10YBE-----2, 10YDE-RWENET---I, 10YDE-ENBW--- --N, 10YIT-GRTN----B, 10YES-REE-----0 or 10YCH-SWISSGRIDZ
OutArea	10Y code of area being extracted 10YFR-RTE-----C, 10YBE-----2, 10YDE-RWENET---I, 10YDE-ENBW--- --N, 10YIT-GRTN----B, 10YES-REE-----0 or 10YCH-SWISSGRIDZ
Metering point Identification	<b>NOT USED</b>
InParty	If the In Area is 10YFR-RTE-----C, it is the sender identification else it is the counterparty identification.
OutParty	If the Out Area is 10YFR-RTE-----C, it is the sender identification else it is the counterparty identification.
CapacityContractType	Monthly, Yearly, Daily, Long Term A03, A04, A01, A06
CapacityAgreementIdentification	<i>Unique Identification that clearly identify the allocation JAO RD ID for the auction managed by JAO TSO CS ID for the auction managed by TSO CS Empty in case of pre-nomination</i>
MeasurementUnit	MAW for "Mw"

Period	
TimeInterval	Period covered (in ISO 8601 UTC format) YYYY-MM-DDTHH:MMZ/YYYY-MM-DDTHH:MMZ This shall be included in the ScheduleTimeinterval
Resolution	PT60M

Interval	
Pos	Sequential value beginning with 1
Qty	Quantity of the product scheduled for the position within the time interval in question.



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The Nomination Document can be submitted by **file upload** or by **API**. As soon as the Nomination Document is submitted to the System, OCAPPI generates an Acknowledgement Message v5r0. If the Nomination Document is submitted by API, the Acknowledgement is sent back by API. In any case, it can be downloaded through the user interface.

In order to be integrated by the OCAPPI system, nominations must abide by the following rules:

- Nominations must be received before closure of the nomination gate relative to the document domain and process type.
- An ITR can nominate only for the Rights Portfolio they manage. If at least one of the nominated interval values is greater than the Rights Document values, the nomination is shaved down to the value of the RD or the Timeseries is rejected. Whether it is shaved or rejected, it depends on the rules agreed between the two neighboring TSO.
- Nomination quantities must respect a certain granularity (cf §6.2.2 - Nomination Quantity Granularity).
- The document identification should be unique for a given ITR, domain, horizon and market period. Otherwise only the first document is accepted. If the party (certificate holder) is nominating for another party (nomination holder), then a different document identification should be used)
- The ITR or the nomination holder must hold a valid export/import contract with RTE for the requested domain and horizon

Several versions of a Nomination Document can be submitted by an ITR. Upon receipt of a new version of a Nomination Document, the OCAPPI system applies the following rules.

- If the document version is not incremented, the document is rejected. The document version can be incremented by more than 1.
- In the document header only the version and the message date and time should change, otherwise the document is rejected.
- The document identification (mRID) is unique per Domain. If it has been used for a certain Domain, it should not be used for another Domain.
- For each Domain, only one document is expected for a given ITR, horizon and market period. If the user wants to submit a nomination for every oriented border (import and export), the two (or more) TimeSeries have to be part of the same document relating to the Domain. Several versions of this document can be sent.
- In a document, the areas of a TimeSeries have to be part of the Domain mentioned in the header section of the file, otherwise the document is rejected. These areas and domains are mentioned in §2 - Terms and definitions.
- If a TimeSeries present in the previous version is absent from the new document version, the document is rejected.

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- If a TimeSeries present in the previous version is rejected in the new updated document, the entire document is rejected.
- TimeSeries versions have to be equal to the document version. Otherwise, the document is rejected.
- The CAI code have to be identical to the one found in the RD of JAO or CORE CCCT.

In case participants want to modify their nominations through a file upload, it is compulsory that the users download the latest accepted version and increment its version.

### Example

The Participant FP1 (EIC Code: 10XFR-FP1-----C) submits the following Nomination Document:

Schedule Document		
MessageIdentification	Message1	
MessageVersion	1	
MessageType	A01	
ProcessType	A12	
ScheduleClassificationType	A01	
SenderIdentification	10XFR-FP1-----C	
SenderRole	A30	
ReceiverIdentification	10XFR-RTE-----Q	
ReceiverRole	A31	
ScheduleTimeInterval	2020-11-29T23:00Z/2020-11-30T23:00Z	
Domain	10YDOM--ES-FR—D	
MatchingPeriod	2020-11-29T23:00Z/2020-11-30T23:00Z	
ScheduleTimeSeries		
SendersTimeSeriesIdentification	<i>TS1</i>	<i>TS2</i>
SendersTimeSeriesversion	<i>1</i>	<i>1</i>
Business Type	A03	A03
ObjectAggregation	A04	A04
InArea	10YFR-RTE-----C	10YES-REE-----0
OutArea	10YES-REE-----0	10YFR-RTE-----C
InParty	<i>10XFR-FP1-----C</i>	<i>10XFR-FP1-----C</i>
OutParty	<i>10XFR-FP1-----C</i>	<i>10XFR-FP1-----C</i>
CapacityContractType	A06	A06
CapacityAgreementIdentification	<i>RE-RT-101130-10XFR-FP1-----C</i>	<i>RT-RE-101130-10XFR-FP1-----C</i>
Period		
TimeInterval	2020-11-29T23:00Z /2020-11-30T23:00Z	2020-11-29T23:00Z/ 2020-11-30T23:00Z
Resolution	PT60M	PT60M
Interval		

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Pos	1	1
Qty	10	0
<b>Interval</b>		
Pos	2	2
Qty	0	10
<b>Interval</b>	...	...

If the document version is not incremented, the document is rejected. The document version can be incremented by more than 1.

The following Nomination Document will be rejected:

Schedule Document	
MessageIdentification	Message1
MessageVersion	<b>1</b>

The following Nomination Documents will be accepted:

Schedule Document	
MessageIdentification	Message1
MessageVersion	<b>2</b>

Schedule Document	
MessageIdentification	Message1
MessageVersion	<b>4</b>

In the document header only the version and the message date and time should change, otherwise the document is rejected.

The document identification (mRID) is unique per Domain. If it has been used for a certain Domain, it should not be used for another Domain.

The following Nomination Document will be rejected:

Schedule Document	
MessageIdentification	Message1
MessageVersion	<b>2</b>
MessageType	A01
ProcessType	A12
ScheduleClassificationType	A01
SenderIdentification	10XFR-FP1-----C
SenderRole	A30
ReceiverIdentification	10XFR-RTE-----Q
ReceiverRole	A31
ScheduleTimeInterval	2020-11-29T23:00Z/2020-11-30T23:00Z

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Domain	<b>10YDOM--FR-IT--Q</b>
MatchingPeriod	2020-11-29T23:00Z/2020-11-30T23:00Z

In an updated time series, the quantities can change. For every new nomination document, all the TimeSeries versions have to be equal to the document version. Otherwise the document is rejected.

The following Nomination Document will be rejected:

Schedule Document		
MessageIdentification	Message1	
MessageVersion	3	
MessageType	A01	
ProcessType	A12	
ScheduleClassificationType	A01	
SenderIdentification	10XFR-FP1-----C	
SenderRole	A30	
ReceiverIdentification	10XFR-RTE-----Q	
ReceiverRole	A31	
ScheduleTimeInterval	2020-11-29T23:00Z/2020-11-30T23:00Z	
Domain	10YDOM--ES-FR--D	
MatchingPeriod	2020-11-29T23:00Z/2020-11-30T23:00Z	
ScheduleTimeSeries		
SendersTimeSeriesIdentification	TS1	TS2
SendersTimeSeriesversion	2	3
Business Type	A03	A03
ObjectAggregation	A04	A04
InArea	10YFR-RTE-----C	10YES-REE-----0
OutArea	10YES-REE-----0	10YFR-RTE-----C
InParty	10XFR-FP1-----C	10XFR-FP1-----C
OutParty	10XFR-FP1-----C	10XFR-FP1-----C
CapacityContractType	A06	A06
CapacityAgreementIdentification	RE-RT-101130-10XFR-FP1-----C	RT-RE-101130-10XFR-FP1-----C
Period		
TimeInterval	2020-11-29T23:00Z /2020-11-30T23:00Z	2020-11-29T23:00Z/ 2020-11-30T23:00Z
Resolution	PT60M	PT60M
Interval		
Pos	1	1
Qty	5	0
Interval		
Pos	2	2
Qty	0	10

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Interval
----------

...

...

Interval
Interval

...

...

The following Nomination Document will be accepted:

Schedule Document			
MessageIdentification	Message1		
MessageVersion	2		
MessageType	A01		
ProcessType	A12		
ScheduleClassificationType	A01		
SenderIdentification	10XFR-FP1-----C		
SenderRole	A30		
ReceiverIdentification	10XFR-RTE-----Q		
ReceiverRole	A31		
ScheduleTimeInterval	2020-11-29T23:00Z/2020-11-30T23:00Z		
Domain	10YDOM--ES-FR--D		
MatchingPeriod	2020-11-29T23:00Z/2020-11-30T23:00Z		
ScheduleTimeSeries			
SendersTimeSeriesIdentification	TS1	TS2	
SendersTimeSeriesversion	2	2	
Business Type	A03	A03	
ObjectAggregation	A04	A04	
InArea	10YFR-RTE-----C	10YES-REE-----0	
OutArea	10YES-REE-----0	10YFR-RTE-----C	
InParty	10XFR-FP1-----C	10XFR-FP1-----C	
OutParty	10XFR-FP1-----C	10XFR-FP1-----C	
CapacityContractType	A06	A06	
CapacityAgreementIdentification	RE-RT-101130-10XFR-FP1-----C	RT-RE-101130-10XFR-FP1-----C	
Period			
TimeInterval	2020-11-29T23:00Z /2020-11-30T23:00Z	2020-11-29T23:00Z/ 2020-11-30T23:00Z	
Resolution	PT60M	PT60M	
Interval			
Pos	1	1	
Qty	5	0	
Interval			
Pos	2	2	
Qty	0	10	
Interval			
	...	...	

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For each Domain, only one document is expected for a given ITR, domain, horizon and market period. If the user wants to submit a nomination for every oriented border (import and export), the two (or more) TimeSeries have to be part of the same document relating to the Domain. Several versions of this document could be sent.

The following document is accepted:

Schedule Document		
MessageIdentification	Message1	
MessageVersion	2	
MessageType	A01	
ProcessType	A12	
ScheduleClassificationType	A01	
SenderIdentification	10XFR-FP1-----C	
SenderRole	A30	
ReceiverIdentification	10XFR-RTE-----Q	
ReceiverRole	A31	
ScheduleTimeInterval	2020-11-29T23:00Z/2020-11-30T23:00Z	
Domain	10YDOM--ES-FR--D	
MatchingPeriod	2020-11-29T23:00Z/2020-11-30T23:00Z	
ScheduleTimeSeries		
SendersTimeSeriesIdentification	TS1	TS2
SendersTimeSeriesversion	2	2
Business Type	A03	A03
ObjectAggregation	A04	A04
InArea	10YFR-RTE-----C	10YES-REE-----0
OutArea	10YES-REE-----0	10YFR-RTE-----C
InParty	10XFR-FP1-----C	10XFR-FP1-----C
OutParty	10XFR-FP1-----C	10XFR-FP1-----C
CapacityContractType	A06	A06
CapacityAgreementIdentification	RE-RT-101130-10XFR-FP1-----C	RT-RE-101130-10XFR-FP1-----C
Period		
TimeInterval	2020-11-29T23:00Z /2020-11-30T23:00Z	2020-11-29T23:00Z/ 2020-11-30T23:00Z
Resolution	PT60M	PT60M
Interval		
Pos	1	1
Qty	5	0
Interval		
Pos	2	2
Qty	0	10
Interval		
	...	...

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The following document is rejected (a new document identification for the same Domain, containing an importation TimeSeries). Indeed, if the ITR wants to send a bi-directional nomination for a Domain, they should use the same file with the same document Identification.

Schedule Document		
MessageIdentification	Message2	
MessageVersion	1	
MessageType	A01	
ProcessType	A12	
ScheduleClassificationType	A01	
SenderIdentification	10XFR-FP1-----C	
SenderRole	A30	
ReceiverIdentification	10XFR-RTE-----Q	
ReceiverRole	A31	
ScheduleTimeInterval	2020-11-29T23:00Z/2020-11-30T23:00Z	
Domain	10YDOM--ES-FR--D	
MatchingPeriod	2020-11-29T23:00Z/2020-11-30T23:00Z	
ScheduleTimeSeries		
SendersTimeSeriesIdentification	TS1	
SendersTimeSeriesversion	1	
Business Type	A03	
ObjectAggregation	A04	
InArea	10YFR-RTE-----C	
OutArea	10YES-REE-----0	
InParty	10XFR-FP1-----C	
OutParty	10XFR-FP1-----C	
CapacityContractType	A06	
CapacityAgreementIdentification	RE-RT-101130-10XFR-FP1-----C	
Period		
TimeInterval	2020-11-29T23:00Z /2020-11-30T23:00Z	
Resolution	PT60M	
Interval		
Pos	1	
Qty	5	
Interval		
Pos	2	
Qty	0	
Interval	...	...

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If a TimeSeries present in the previous version is absent from the new document version, the document is rejected.

The following Nomination Document will be rejected:

Schedule Document		
MessageIdentification	Message1	
MessageVersion	2	
MessageType	A01	
ProcessType	A12	
ScheduleClassificationType	A01	
SenderIdentification	10XFR-FP1-----C	
SenderRole	A30	
ReceiverIdentification	10XFR-RTE-----Q	
ReceiverRole	A31	
ScheduleTimeInterval	2020-11-29T23:00Z/2020-11-30T23:00Z	
Domain	10YDOM--ES-FR--D	
MatchingPeriod	2020-11-29T23:00Z/2020-11-30T23:00Z	
ScheduleTimeSeries		
SendersTimeSeriesIdentification	TS1	
SendersTimeSeriesversion	2	
Business Type	A03	
ObjectAggregation	A04	
InArea	10YFR-RTE-----C	
OutArea	10YES-REE-----0	
InParty	10XFR-FP1-----C	
OutParty	10XFR-FP1-----C	
CapacityContractType	A06	
CapacityAgreementIdentification	RE-RT-101130-10XFR-FP1-----C	
Period		
TimeInterval	2020-11-29T23:00Z /2020-11-30T23:00Z	
Resolution	PT60M	
Interval		
Pos	1	
Qty	5	
Interval		
Pos	2	
Qty	0	
Interval		
	...	



**Implementation Guide of OCAPPI****V1.7 – Approved****6.2.2 Nomination Quantity Granularity**

The nomination quantity granularity is defined depending on the border and the horizon and ranges from 1MW to 0,001MW. The system will only accept nomination quantities up to the granularity defined in §6.2.2 – Nomination Specific rules.

**6.2.3 Nomination Specific rules****6.2.3.1 Spanish Border**

The nominations document for the Spanish border should follow these additional rules:

- Domain = 10YDOM--ES-FR—D
- Object Aggregation = A04 (Agreement)
- In Area 10YFR-RTE-----C (for REE-RTE) or 10YES-REE-----0 (for RTE-REE)
- Out Area 10YES-REE-----0 (for RTE-REE) or 10YFR-RTE-----C (for RTE-REE)
- Capacity Agreement Identification is mentioned in the RD file sent by JAO or TSO Common System
- The Nomination is A to B (fixed counterparty)
- The nomination is rejected if above the RD quantity

For the Long-term Nomination the following rules should be respected:

- Process Type is Long Term (A12)
- Capacity Contract Type is Long Term (A06)
- Business Type = A03 (External Trade Explicit Capacity)
- Nomination Granularity = 1 MW

For the Daily Nomination the following rules should be respected:

- Process Type is Day-Ahead (A01)
- Capacity Contract Type is Daily (A01)
- Business Type = A06 (External trade without explicit capacity)
- If shadow explicit auction, Business Type = A03 (External Trade Explicit Capacity)
- Nomination Granularity = 0.1 MW

**6.2.3.2 Italian Border**

The nominations document for the Italian border should follow these additional rules:

- Domain = 10YDOM--FR-IT--Q
- Object Aggregation = A04 (Agreement)
- In Area 10YFR-RTE-----C (for TERNA-RTE) or 10YIT-GRTN-----B (for RTE-TERNA)
- Out Area 10YIT-GRTN-----B (for TERNA-RTE) or 10YFR-RTE-----C (for RTE-TERNA)

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- Capacity Agreement Identification is mentioned in the RD file sent by JAO or TSO CS.
- The Nomination is A to N (counterparty specified by the ITR in the nomination)
- The nomination is shaved down to the quantity of the RD

For the Long-term Nomination the following rules should be respected:

- Process Type is Long Term (A12)
- Capacity Contract Type is Long Term (A06)
- Business Type = A03 (External Trade Explicit Capacity)
- Nomination Granularity = 1 MW

For the Daily Nomination the following rules should be respected:

- Process Type is Day-Ahead (A01)
- Capacity Contract Type is Daily (A01)
- Business Type = A06 (External trade without explicit capacity)
- If shadow explicit auction, Business Type = A03 (External Trade Explicit Capacity)
- Nomination Granularity = 1 MW

### 6.2.3.3 CWE Borders

The nominations document for the CWE borders should follow these additional rules:

- Domain = 10YDOM-REGION-1V
- Object Aggregation = A04 (Agreement)
- In Area 10YFR-RTE-----C (for ELIA-RTE, ENBW-RTE and AMPRION-RTE), 10YBE-----2 (for RTE-ELIA), 10YDE-RWENET---I(for RTE-AMPRION) or 10YDE-ENBW-----N (for RTE-ENBW)
- Out Area 10YBE-----2 (for ELIA-RTE), 10YDE-RWENET---I(for AMPRION-RTE), 10YDE-ENBW-----N (for ENBW-RTE) or 10YFR-RTE-----C (for RTE-ELIA, RTE-ENBW and RTE-AMPRION)
- Capacity Agreement Identification is mentioned in the RD file sent by JAO or TSO CS
- The Nomination is A to A (the counterparty should be the nomination sender)
- The nomination is rejected if above the RD quantity

Long-term nominations are no longer possible on the CWE borders.

For the Daily Nomination the following rules should be respected:

- Process Type is Day-Ahead (A01)
- Capacity Contract Type is Daily (A01)
- Business Type = A06 (External trade without explicit capacity)

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- If shadow explicit auction, Business Type = A03 (External Trade Explicit Capacity)
- Nomination Granularity = 0.1 MW

#### 6.2.3.4 Swiss Border

The nominations document for the Swiss border should follow these additional rules:

- Domain = 10YDOM--CH-FR--W
- Business Type = A03 (External Trade Explicit Capacity)
- Object Aggregation = A04 (Agreement)
- In Area 10YFR-RTE-----C or 10YCH-SWISSGRIDZ
- Out Area 10YCH-SWISSGRIDZ or 10YFR-RTE-----C
- Capacity Agreement Identification is mentioned in the RD file sent by JAO
- The Nomination is A to A (the counterparty should be the nomination sender)
- The nomination is shaved down to the quantity of the RD

For the Long-term Nomination the following rules should be respected:

- Process Type is Long Term (A12)
- Capacity Contract Type is Monthly (A03) or Yearly (A04)
- Nomination Granularity = 0.1 MW

**NEW**

For the Daily Nomination the following rules should be respected:

- Process Type is Day-Ahead (A01)
- Capacity Contract Type is Daily (A01)
- Nomination Granularity = 0.1 MW

**NEW**

#### 6.2.4 Fallback Mode (Shadow auctions)

When OCAPPI is expecting to receive RD files from the TSO Common System and does not receive them, the nomination process is switched to daily explicit shadow auctions, if this is commonly agreed with the involved platforms.

In this case the nomination document should follow these modified rules:

- Business Type = A03 (External Trade Explicit Capacity)

#### 6.2.5 Special cases of nomination delegation

In most cases, each party nominates for itself. However, it is possible to appoint a third party to nominate on their behalf. We refer to the designated party as "the certificate holder".

If a party chooses to delegate its nomination process to a third party, the certificate holder designated by the party has to be the same for all borders and horizons managed by OCAPPI.

In order to send files to OCAPPI, the certificate holder should refer to the following rules:

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- The files are to be sent by the certificate holder. The certificate holder accesses OCAPPI with a certificate attached to their own company.
- The XML files sent by the certificate holder refer to the party having delegated the nomination (senderIdentification and in/outParty tags in the XML files).

All the files exchanged with OCAPPI are only visible to the certificate holder, and are displayed on OCAPPI's exchange logs screen.

The party having delegated its nomination process cannot view the files sent by the certificate holder.

The certificate holder is able to nominate for their own party, as well as for the parties having appointed them as a nomination sender.

Files sent by API must follow the same rules.

## 6.3 Pre-Nomination

### 6.3.1 Specifications of the file

Pre-Nominations are nominations submitted during the pre-nomination gate.

The Pre-Nomination Documents should follow the same rules as all Nomination Documents, except the following ones:

- Object Aggregation = A03 (Party)
- Capacity Agreement Identification is not used
- The RD verification is not done

When the Nomination gate opens, the system retrieves the RD associated to each pre-nomination, and generates an incremented version of the document containing the retrieved RD Identification. This version is submitted into the system as a usual Nomination Document.

### Example

The Participant FP1 (EIC Code: 10XFR-FP1-----C) submits the following pre-nomination Document:

Schedule Document	
MessageIdentification	Message1
MessageVersion	1
MessageType	A01
ProcessType	A12
ScheduleClassificationType	A01
SenderIdentification	10XFR-FP1-----C
SenderRole	A30
ReceiverIdentification	10XFR-RTE-----Q
ReceiverRole	A31
ScheduleTimeInterval	2020-11-29T23:00Z/2020-11-30T23:00Z

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Domain	10YDOM--ES-FR--D	
MatchingPeriod	2020-11-29T23:00Z/2020-11-30T23:00Z	
<b>ScheduleTimeSeries</b>		
SendersTimeSeriesIdentification	<i>TS1</i>	<i>TS2</i>
SendersTimeSeriesversion	<i>1</i>	<i>1</i>
Business Type	A03	A03
ObjectAggregation	A03	A03
InArea	10YFR-RTE-----C	10YES-REE-----0
OutArea	10YES-REE-----0	10YFR-RTE-----C
InParty	<i>10XFR-FP1-----C</i>	<i>10XFR-FP1-----C</i>
OutParty	<i>10XFR-FP1-----C</i>	<i>10XFR-FP1-----C</i>
CapacityContractType	A06	A06
CapacityAgreementIdentification		
<b>Period</b>		
TimeInterval	2020-11-29T23:00Z /2020-11-30T23:00Z	2020-11-29T23:00Z/ 2020-11-30T23:00Z
Resolution	PT60M	PT60M
<b>Interval</b>		
Pos	1	1
Qty	10	0
<b>Interval</b>		
Pos	2	2
Qty	0	10
<b>Interval</b>	...	...

When the Nomination gate opens, the system generates and submits into the system the following Nomination Document.

<b>Schedule Document</b>	
MessageIdentification	Message1
MessageVersion	<b>2</b>
MessageType	A01
ProcessType	A12
ScheduleClassificationType	A01
SenderIdentification	10XFR-FP1-----C
SenderRole	A30
ReceiverIdentification	10XFR-RTE-----Q
ReceiverRole	A31
ScheduleTimeInterval	2020-11-29T23:00Z/2020-11-30T23:00Z
Domain	10YDOM--ES-FR--D
MatchingPeriod	2020-11-29T23:00Z/2020-11-30T23:00Z

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ScheduleTimeSeries		
SendersTimeSeriesIdentification	TS1	TS2
SendersTimeSeriesversion	2	2
Business Type	A03	A03
ObjectAggregation	A04	A04
InArea	10YFR-RTE-----C	10YES-REE-----0
OutArea	10YES-REE-----0	10YFR-RTE-----C
InParty	10XFR-FP1-----C	10XFR-FP1-----C
OutParty	10XFR-FP1-----C	10XFR-FP1-----C
CapacityContractType	A06	A06
CapacityAgreementIdentification	<b>RE-RT-101130-10XFR-FP1--- ---C</b>	<b>RT-RE-101130-10XFR-FP1-----C</b>
Period		
TimeInterval	2020-11-29T23:00Z /2020-11-30T23:00Z	2020-11-29T23:00Z/ 2020-11-30T23:00Z
Resolution	PT60M	PT60M
Interval		
Pos	1	1
Qty	10	0
Interval		
Pos	2	2
Qty	0	10
Interval		
	...	...

### 6.3.2 Background on nominations and pre-nominations

ITRs may submit pre-nominations to OCAPPI during pre-nomination gate. Pre-Nominations don't contain any reference to the Rights Document (The Object Aggregation is in this case A03: Party).

When the Nomination Gate opens, the system generates a new nomination version from the pre-nomination containing the reference of the published RD.

If the nomination is higher than the RD, the nomination will be shaved to the Rights Document quantity and the System will generate an Anomaly Report to the participant.

If there is no RD linked to the Prenomination, an anomaly report will be generated.

When the nomination is created by the system from the pre-nomination, the version of the pre-nomination is increased. The Object Aggregation is A04 and the CapacityAgreementIdentification is retrieved from the Rights Document.

If the participant wants to modify the nomination, they should create an updated version of the nomination. If the pre-nomination was in version 2, the nomination generated by the system will be in version 3 and the updated nomination submitted by the participant should be in version 4 or higher.

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After closure of the nomination gate, a "Nomination Correction" gate opens. During this gate, ITRs are no longer allowed to submit new versions of nominations but RTE operators may exceptionally submit or modify nominations on behalf of ITRs according to the modalities described in the French Import/export Rules.

The nomination submitted by the operator may simultaneously contain updated and unchanged time series.

## 6.4 Status Request for Confirmation Report

Intermediate and final Confirmation XML files can be generated and sent by OCAPPI on demand of the ITR upon receipt of ETSO Status Request files.

StatusRequest	
Tag Name	ETSO Status Request
Input/Output	Input
MessageIdentification	Senders Unique Identification
MessageType	Intermediate Confirmation Report A07
ProcessType	Long Term: A12 Day-Ahead: A01 Schedule Day: A17
SenderIdentification	EIC code of the Nomination holder
SenderRole	Interconnection Trade Responsible A30
ReceiverIdentification	10XFR-RTE-----Q
ReceiverRole	Nomination Validator A31
MessageDateTime	Creation date/time of the document (in ISO 8601 UTC format) YYYY-MM-DDTHH:MM:00Z
RequestedTimeInterval	Period covered (in ISO 8601 UTC format) YYYY-MM-DDTHH:MMZ/YYYY-MM-DDTHH:MMZ This should cover the complete period In relation to a CET time zone: In winter the time spread is from 23:00 UTC to 23:00 UTC The change from winter to summer time spread is from 23:00 UTC to 22:00 UTC The summer time spread is from 22:00 UTC to 22:00 UTC The change from summer to winter time spread is from 22:00 UTC to 23:00 UTC

The Status Request Document can be submitted through a **file upload** or by **API**. As soon as the Nomination Request is submitted to the System, OCAPPI generates an Acknowledgement Message v5r0.

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If the Status Request is submitted by API, the Acknowledgement is sent back by API. In any case it can be downloaded through the user interface.

The user will ask for an intermediate confirmation report. However, OCAPPI will send back an intermediate confirmation report or a final confirmation report, depending on when the request was made by the user (before daily nomination correction gate closure or after daily nomination correction gate closure).

If the Status Request Document is accepted, OCAPPI generates an Intermediate or a final Confirmation Report containing all last nomination or pre-nomination linked to the ITR.

If the Status Request is submitted by API, the Intermediate or final Confirmation Report is sent back by API at the same time as the Acknowledgement Message. In any case it can be downloaded through the user interface.

If the status Request Document is uploaded in the GUI, the Intermediate or final Confirmation will be displayed in the user Interface.

The Intermediate Confirmation Report is published as an ESS Confirmation Report v3r3 xml file.

If no nominations or pre-nominations are included in a nomination request, the request is rejected, and a negative acknowledgement is generated (ReasonCode A59, ReasonText "No nominations exist linked to those parameters").



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## 6.5 Status Request for Rights portfolio

Rights portfolio XML files can be generated and sent by OCAPPI on demand to ITR upon receipt of ETSO ESR v1r1 Status Request files.

StatusRequest	
Tag Name	ETSO Status Request
Input/Output	Input
MessageIdentification	Senders Unique Identification
MessageType	Transmission Rights portfolio A22
ProcessType	Capacity Determination A15
SenderIdentification	EIC code of the rights holder
SenderRole	Interconnection Trade Responsible A30
ReceiverIdentification	10XFR-RTE-----Q
ReceiverRole	Nomination Validator A31
MessageDateTime	Creation date/time of the document (in ISO 8601 UTC format) YYYY-MM-DDTHH:MM:00Z
RequestedTimeInterval	Period covered (in ISO 8601 UTC format) YYYY-MM-DDTHH:MMZ/YYYY-MM-DDTHH:MMZ This should cover the complete period In relation to a CET time zone: In winter the time spread is from 23:00 UTC to 23:00 UTC The change from winter to summer time spread is from 23:00 UTC to 22:00 UTC The summer time spread is from 22:00 UTC to 22:00 UTC The change from summer to winter time spread is from 22:00 UTC to 23:00 UTC

The Status Request Document can be submitted through a file upload or by API. As soon as the Status Request is submitted to the System, OCAPPI generates an Acknowledgement Message v5r0.

If the Status Request is submitted by API, the Acknowledgement is sent back by API. In any case it can be downloaded through the user interface.

In this case, the user will ask for a Rights portfolio document. OCAPPI will send back the Rights portfolio document.

If no Rights exist for the participant, the request is rejected, and a negative acknowledgement is generated (ReasonCode A59, ReasonText "No rights document exist linked to those parameters").

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If the Rights portfolio request Document is accepted, OCAPPI generates the Rights Document containing the requested data.

If the Status Request is submitted by API, the Rights portfolio is sent back by API at the same time as the Acknowledgement Message. In any case it can be downloaded through the user interface. If the request was sent via the GUI, the file will be received immediately as a download; the user can open it directly or press the download button.

The Rights portfolio is published as a Right Document v4r0 xml file.

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## 6.6 Intermediate Confirmation Report

Depending on the process type specified in the Nomination Request, the Intermediate or final Confirmation Report contains:

- Only Periodic Nomination (process type: A12)
- Only Daily Nomination (process type: A01)
- All the Nominations (process type: A17)

Confirmation Report	
Tag Name	Periodic and Daily Intermediate Confirmation Report
Input/Output	Output
MessageIdentification	Senders Unique Identification
MessageType	Intermediate Confirmation Report A07
Message date and time	Creation date/time of the document (in ISO 8601 UTC format) YYYY-MM-DDTHH:MM:00Z
SenderIdentification	10XFR-RTE-----Q
SenderRole	Nomination Validator A31
ReceiverIdentification	EIC code of the Nomination holder
ReceiverRole	ITR A30
ScheduleTimeInterval	Period covered (in ISO 8601 UTC format) YYYY-MM-DDTHH:MMZ/YYYY-MM-DDTHH:MMZ This should cover the complete delivery day
ConfirmedMessageIdentification	<b>NOT USED</b>
ConfirmedMessageVersion	<b>NOT USED</b>
Domain	<b>NOT USED</b>
SubjectParty	EIC code of the Nomination holder
SubjectRole	ITR A30
ProcessType	Long Term: A12 Day-Ahead: A01 Schedule Day: A17

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Reason	
ReasonCode	A06 ( <i>Schedule global position accepted if not any nomination was modified during the Matching Process</i> ) A07 ( <i>Schedule global position partially accepted if some nominations were modified during the Matching Process</i> )
ReasonText	<b>NOT USED</b>

TimeSeriesConfirmation	
SendersTimeSeriesIdentification	<i>Unique Identification of the time series that was used in the original nomination</i>
SendersTimeSeriesversion	<i>Confirmed version of the time series</i>
Business Type	External Trade Explicit Capacity A03 External trade without explicit capacity A06 <b>Nota Bene</b> : same business Type initially communicated by the ITR will be mentioned in the CR
Product	8716867000016
ObjectAggregation	A04 – Agreement A03 - Party
InArea	10Y code of area being delivered 10YFR-RTE-----C, 10YBE-----2, 10YDE-RWENET---I, 10YDE-ENBW---N, 10YIT-GRTN----B, 10YES-REE-----0 or 10YCH-SWISSGRIDZ
OutArea	10Y code of area being extracted 10YFR-RTE-----C, 10YBE-----2, 10YDE-RWENET---I, 10YDE-ENBW---N, 10YIT-GRTN----B, 10YES-REE-----0 or 10YCH-SWISSGRIDZ
Metering point Identification	<b>NOT USED</b>
InParty	EIC of the ITR related to the inArea
OutParty	EIC of the ITR related to the outArea
CapacityContractType	Monthly, Yearly, Daily, Long Term A03, A04, A01, A06
CapacityAgreementIdentification	<i>Unique Identification that clearly identify the allocation</i> <i>JAO RD ID for the auction managed by JAO</i> <i>TSO CS ID for the auction managed by TSO CS</i>
MeasurementUnit	MAW for "Mw"

Interval	
Pos	Sequential value beginning with 1

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Qty	Quantity of the product scheduled for the position within the time interval in question.
-----	--

Reason	
ReasonCode	<i>Only used in case of curtailment A98 (Curtailment for newtork security)</i>
ReasonText	<b>NOT USED</b>

## 6.7 Final Nomination Confirmation

OCAPPI publishes a Final Confirmation Report in the following case.

- All the last versions of the periodic and daily nominations are available in the exchange log and via API in one single Confirmation report at closure of the Daily "Nomination Correction" gate of a given domain, An **API call** should be made in order to receive the document via API. OCAPPI will generate one confirmation report per ITR per delivery day.

The Final Confirmation Report is published as an ESS Confirmation report v3r3. It is sent by API upon request and can be downloaded through the user interface.

If a nomination was modified during the Matching Process or during a Nomination Curtailment, the nomination will appear as an imposed time series in the confirmation report.

Note that, if you ask for a confirmation report for the processType A12 or A01 while you have nominated for both processTypes, the final confirmation report will include **all** your nominations, not only longterm or dayahead nominations.

Indeed, since it is a final CR, it's meant to summarize all the nominations that were accepted after the matching process.

If a nomination was modified during the Matching Process, the nomination will appear as an imposed time series in the Confirmation Report.

Confirmation Report	
Tag Name	<b>Periodic and Daily final Confirmation Report</b>
Input/Output	<b>Output</b>
MessageIdentification	Senders Unique Identification
MessageType	Final confirmation report A08
Message date and time	Creation date/time of the document (in ISO 8601 UTC format) YYYY-MM-DDTHH:MM:00Z
SenderIdentification	<i>10XFR-RTE-----Q</i>

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SenderRole	Nomination Validator A31
ReceiverIdentification	EIC code of the Nomination holder
ReceiverRole	ITR A30
ScheduleTimeInterval	Period covered (in ISO 8601 UTC format) YYYY-MM-DDTHH:MMZ/YYYY-MM-DDTHH:MMZ This should cover the complete day In relation to a CET time zone: In winter the time spread is from 23:00 UTC to 23:00 UTC The change from winter to summer time spread is from 23
ConfirmedMessageIdentification	<b>NOT USED</b>
ConfirmedMessageVersion	<b>NOT USED</b>
Domain	<b>NOT USED</b>
SubjectParty	EIC code of the Nomination holder
SubjectRole	ITR A30
ProcessType	Long Term: A12 Day-Ahead: A01 Schedule Day: A17

Reason	
ReasonCode	A06 ( <i>Schedule global position accepted if not any nomination was modified during the Matching Process</i> ) A07 ( <i>Schedule global position partially accepted if some nominations were modified during the Matching Process</i> )
ReasonText	<b>NOT USED</b>

TimeSeriesConfirmation / ImposedTimeSeries	ImposedTimeSeries is used if the nomination was modified during the Matching Process
SendersTimeSeriesIdentification	<i>Unique Identification of the time series that was used in the original nomination</i>
SendersTimeSeriesVersion	<i>Confirmed version of the time series</i>
Business Type	External Trade Explicit Capacity A03 External trade without explicit capacity A06 <b>Nota Bene</b> : same business Type initially communicated by the ITR will be mentioned in the CR
Product	8716867000016

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ObjectAggregation	A04 – Agreement A03 - Party
InArea	10Y code of area being delivered 10YFR-RTE-----C, 10YBE-----2, 10YDE-RWENET---I, 10YDE-ENBW----N, 10YIT-GRTN----B, 10YES-REE-----0 or 10YCH-SWISSGRIDZ
OutArea	10Y code of area being extracted 10YFR-RTE-----C, 10YBE-----2, 10YDE-RWENET---I, 10YDE-ENBW----N, 10YIT-GRTN----B, 10YES-REE-----0 or 10YCH-SWISSGRIDZ
Metering point Identification	<b>NOT USED</b>
InParty	EIC of the ITR related to the inArea
OutParty	EIC of the ITR related to the outArea
CapacityContractType	Monthly, Yearly, Daily, Long Term A03, A04, A01, A06
CapacityAgreementIdentification	<i>Unique Identification that clearly identify the allocation JAO RD ID for the auction managed by JAO TSO CS ID for the auction managed by TSO CS</i>
MeasurementUnit	MAW for "Mw"

Reason	
ReasonCode	Only used in case of Imposed TimeSeries A63
ReasonText	<b>NOT USED</b>

Interval	
Pos	Sequential value beginning with 1
Qty	Quantity of the product scheduled for the position within the time interval in question.

## 6.8 Rights Portfolio

The users have the possibility to ask for their Rights portfolio using a Status Request File, sent via API or uploaded via the GUI. The Rights portfolio is then available by API and/or in the exchange Log screen in the GUI.

- All the periodic and daily rights of all borders will be provided in one single Rights Portfolio document. An **API call** could be made in order to receive the document via API. OCAPPI will generate one Rights Portfolio per ITR per delivery day.

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Rights Portfolio	
Tag Name	Rights Portfolio
Input/Output	Output
DocumentIdentification	Senders Unique Identification
DocumentVersion	Version of the document
DocumentType	Transmission rights portfolio A22
SenderIdentification	10XFR-RTE-----Q
SenderRole	Nomination Validator A31
ReceiverIdentification	EIC code of the Rights holder
ReceiverRole	ITR A30
CreationDateTime	Creation date/time of the document (in ISO 8601 UTC format) YYYY-MM-DDTHH:MM:00Z
ApplicableTimeInterval	Period covered (in ISO 8601 UTC format) YYYY-MM-DDTHH:MMZ/YYYY-MM-DDTHH:MMZ This should cover the complete day In relation to a CET time zone: In winter the time spread is from 23:00 UTC to 23:00 UTC The change from winter to summer time spread is from 23
Domain	10YFR-RTE-----C
DocumentStatus	Intermediate A01

RightsTimeSeries	
SendersTimeSeriesIdentification	Unique Identification of the time series
Business Type	Capacity Rights A34
InArea	10Y code of area being delivered 10YFR-RTE-----C, 10YBE-----2, 10YDE-RWENET---I, 10YDE-ENBW-----N, 10YIT-GRTN-----B, 10YES-REE-----0 or 10YCH-SWISSGRIDZ
OutArea	10Y code of area being extracted 10YFR-RTE-----C, 10YBE-----2, 10YDE-RWENET---I, 10YDE-ENBW-----N, 10YIT-GRTN-----B, 10YES-REE-----0 or 10YCH-SWISSGRIDZ
RightsHolder	EIC of the party who holds the right



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ContractType	Monthly, Yearly, Daily, Long Term A03, A04, A01, A06
ContractIdentification	<i>Unique Identification that clearly identify the allocation JAO RD ID for the auction managed by JAO TSO CS ID for the auction managed by TSO CS</i>
MeasureUnitQuantity	MAW for "Mw"

Period	
TimeInterval	Period covered (in ISO 8601 UTC format) YYYY-MM-DDTHH:MMZ/YYYY-MM-DDTHH:MMZ This shall be included in the ScheduleTimeinterval
Resolution	PT60M

Interval	
Pos	Sequential value beginning with 1
Qty	Quantity of the right for the position within the time interval in question.

## 6.9 Anomaly Report

When the Nomination gate opens, the system retrieves the RD associated to each pre-nomination, and generates an incremented version of the document containing the retrieved RD Identification. This version is submitted to the system as a usual Nomination Document. If some Nominations are higher than the new Rights Document, they will be shaved to match the Rights Document quantity and the system will generate an Anomaly Report Document that will be visible on the GUI in order to inform the participant of the new quantity along a specific Reason "The nomination was shaved to respect the maximum allowed quantity". It will also specifically state if a Nomination gets rejected because no RD are corresponding to the Nomination.

Rights Document may be updated after the Nomination gate Opening, including when Nominations have already been declared.

If some Nominations are higher than the new Rights Document, they will be shaved to match the new Rights quantity and the system will generate an Anomaly Report Document that will be visible in the GUI in order to inform the participant of the new quantity along a specific Reason "The nomination was shaved to respect the maximum allowed quantity".

A non-secure e-mail can be sent to the participant when the nomination has been updated. The user should ask for the "notification role" in order to receive the notification. This request is possible through the RTE user personal account, accessible via the link "<https://www.services-rte.com/en/request-for-it-access>".

For this purpose and before starting to use OCAPPI in production, the users may ask their "Customer Relations Officer" for more information.

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An API has also been developed in order to offer the possibility to recover the anomaly report by API. Participants can call the API frequently in order to retrieve the anomaly report, if there is any.

The technical specification of the API is detailed §9 - Machine to Machine Interface.

Nota Bene : When nominating through the API /nominate, if the nomination induces an Anomaly Report, the Anomaly Report will be sent back as part of the answer.

Anomaly Report	
Tag Name	Anomaly Report
Input/Output	Output
MessageIdentification	Senders Unique Identification
MessageDateTime	Date and time of transmission of the anomaly report. YYYY-MM-DDTHH:MM:SSZ
SenderIdentification	10XFR-RTE-----Q
SenderRole	Nomination Validator A31
ReceiverIdentification	EIC Code of the nomination holder
ReceiverRole	ITR A30
ScheduleTimeInterval	Period covered (in ISO 8601 UTC format) This should cover the complete day In relation to a CET time zone: In winter the time spread is from 23:00 UTC to 23:00 UTC The change from winter to summer time spread is from 23:00 UTC to 22:00 UTC The summer time spread is from 22:00 UTC to 22:00 UTC The change from summer to winter time spread is from 22:00 UTC to 23:00 UTC

TimeSeriesAnomaly	
MessageSenderIdentification	<i>EIC Code of the Nomination holder</i>
SendersMessageIdentification	<i>Identification of the message the nomination was first submitted in</i>
SendersMessageVersion	<i>Version of the message the nomination was first submitted in</i>
SendersTimeSeriesIdentification	<i>Unique Identification of Time series within document</i>
SendersTimeSeriesVersion	<i>Version number assigned to the time series in question. Time series version shall be the same as the document version number for its initial transmission.</i>
Business Type	External Trade Explicit Capacity A03

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Product	8716867000016
ObjectAggregation	A04 - Agreement Identification
InArea	10Y code of area being delivered 10YFR-RTE-----C, 10YBE-----2, 10YDE-RWENET---I, 10YDE-ENBW-----N, 10YIT-GRTN-----B, 10YES-REE-----0 or 10YCH-SWISSGRIDZ
OutArea	10Y code of area being extracted 10YFR-RTE-----C, 10YBE-----2, 10YDE-RWENET---I, 10YDE-ENBW-----N, 10YIT-GRTN-----B, 10YES-REE-----0 or 10YCH-SWISSGRIDZ
Metering point Identification	<b>NOT USED</b>
InParty	EIC of the ITR receiving power
OutParty	EIC of the ITR extracting power
CapacityContractType	CCT of the initial Nomination
CapacityAgreementIdentification	<b>NOT USED</b>
MeasurementUnit	MAW for "Mw"

Period	
TimeInterval	Period covered (in ISO 8601 UTC format) YYYY-MM-DDTHH:MMZ/YYYY-MM-DDTHH:MMZ This shall be included in the ScheduleTimeInterval
Resolution	PT60M

Interval	
Pos	Sequential value beginning with 1
Qty	Quantity of the product scheduled for the position within the time interval in question.

Reason	
ReasonCode	A20: Time series fully rejected A59: No RD for this Nomination A63: The nomination was shaved to respect the maximum allowed quantity
ReasonText	A20: Time series fully rejected A59: No RD for this Nomination A63: The nomination was shaved to respect the maximum allowed quantity

## 6.10 Acknowledgement

For all documents received by OCAPPI, OCAPPI generates an acknowledgement document v5r0.

If the initial document is submitted by API, the Acknowledgement is sent back by API. In any case, it can be downloaded through the user interface.

The acknowledgement document and the original document will be displayed side by side in the "Exchange log" screen.

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Acknowledgement	
Tag Name	Acknowledgement
Input/Output	Output
DocumentIdentification	Sender's Unique Identification The document identification is a generated random number
DocumentDateTime	Date and time of transmission of the acknowledgement (in ISO 8601 UTC format) YYYY-MM-DDTHH:MM:00Z
SenderIdentification	EIC code of the document sender
SenderRole	Nomination Validator A31
ReceiverIdentification	EIC code of the nomination or rights holder
ReceiverRole	ITR A30
ReceivingDocumentIdentification	unique identification of the document being acknowledged
ReceivingDocumentVersion	version of the document being acknowledged
ReceivingDocumentType	type of the document being acknowledged
ReceivingPayloadName	The name of the file that contains the document that cannot be processed. Whenever it cannot be processed, this field is used by the technical acknowledgement to identify the container of the document for facilitate the sender in identifying it
DateTimeReceivingDocument	Date and time of reception of the electronic document (in ISO 8601 UTC format) YYYY-MM-DDTHH:MM:00Z

Reason	There is at least one reason linked to the Message enunciating if the message is fully accepted, fully rejected or partially accepted. Some additional reasons can detail the rejection reasons linked to the message, to a specific time series or to a specific time interval.
ReasonCode	At the document level, at least one of the following code is used: A01: Message Fully Accepted A02: Message Fully Rejected A03: Message contains errors at the time series level (look at §6.10 - List of supported reason codes)
ReasonText	string containing the textual description of a rejection

TimeSeriesRejection	If the message reason code is A03, TimeSeries rejection details which time series are rejected
SendersTimeSeriesIdentification	Sender's identification of the time series instance that was received in error
SendersTimeSeriesVersion	The time series version associated with the time series identification which is in error

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Reason Code	Reason Text	File
A04	Time interval incorrect	Acknowledgment
A05	The sender has no current valid Import/Export contract with RTE for the requested domain and agreementType	Acknowledgment
A06	Schedule global position accepted if not any nomination was modified during the Matching Process	Confirmation report
A07	Schedule global position partially accepted if some nominations were modified during the Matching Process	Confirmation report
A20	Time series fully rejected	Acknowledgment Anomaly report
A22	In party/Out party not valid for the document sender	Acknowledgment
A22	In party/Out party invalid	Acknowledgment
A23	In/Out Area must be different	Acknowledgment
A23	One Area must be 10YFR-RTE-----C	Acknowledgment
A23	The in and out area do not figure within the domain specified.	Acknowledgment
A23	Domain not open to Nomination	Acknowledgment
A27	The nomination was shaved to respect the maximum allowed quantity	Acknowledgment
A27	Cross border capacity exceeded	Acknowledgment
A42	Non permitted number of digits after the decimal point	Acknowledgment
A49	Position inconsistency	Acknowledgment
A50	Senders time series version conflict	Acknowledgment
A51	A unique document identification should be used for each Domain	Acknowledgment
A51	Version conflict	Acknowledgment
A52	Time series missing from new version of message	Acknowledgment
A55	Time series identification conflict	Acknowledgment
A57	Deadline limit exceeded	Acknowledgment
A59	The timeInterval should start and end at midnight (CET/CEST)	Acknowledgment
A59	The document is not accepted because it is sent before the official opening of the gate	Acknowledgment
A59	No nominations exist linked to those parameters	Acknowledgment
A59	No RD for this Nomination	Anomaly report
A59	Nomination quantity must be equal to the RD quantity	Acknowledgment
A59	No rights documents exist linked to those parameters	Acknowledgment
A62	Invalid business type	Acknowledgment
A63	The nomination was shaved to respect the maximum allowed quantity	Anomaly report

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Reason Code	Reason Text	File
A63	Time series modified	Confirmation report
A64	The Object Aggregation value is not correct	Acknowledgment
A76	Rights document with given parameters is not found	Acknowledgment
A76	Capacity agreement identification should be empty.	Acknowledgment
A77	TimeSeries header should be unique	Acknowledgment
A79	The process type does not figure in the list of valid process types for this document	Acknowledgment
A94	The file has no XML extension	Acknowledgment
A94	The XML structure is not correct	Acknowledgment
A94	The Domain value is not correct	Acknowledgment
A94	The messageType value is not correct	Acknowledgment
A94	The receiverRole value is not correct	Acknowledgment
A94	The senderRole value is not correct	Acknowledgment
A94	The ScheduleClassificationType value is not correct Schedule	Acknowledgment
A94	The processType value is not correct	Acknowledgment
A94	The CapacityContractType value is not correct	Acknowledgment
A98	Newtork security	Confirmation report

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## **7. DST Transition Days**

The DST transition days contain 25 hours from summer to winter and 23 hours from winter to summer.

In all ENTSO-E documents exchanged with OCAPPI, the daily time series in hourly resolution will contain 23 or 25 intervals.

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## 8. Web Interface and GUI

The URL needed to access OCAPPI's Web Interface is given in section 3.6.  
In this paragraph, the GUI and main functions of the Web Interface are described.

The participant can perform the following operations:

- Submission of a nomination (create, modify, cancel)
- Filing a nomination directly from the GUI
- Display the exchange log (Display the list of exchanged files and their status, download the documents)
- Display the gates
- Display declared nominations and get the validated nominations
- Display the RD and get the Rights Portfolio
- Upload Status Request files and the Nomination files

### 8.1 Connection

Prior to the connection to OCAPPI's GUI, the participant should install his certificate (see §3.4 - Obtaining the certificate provided by RTE).

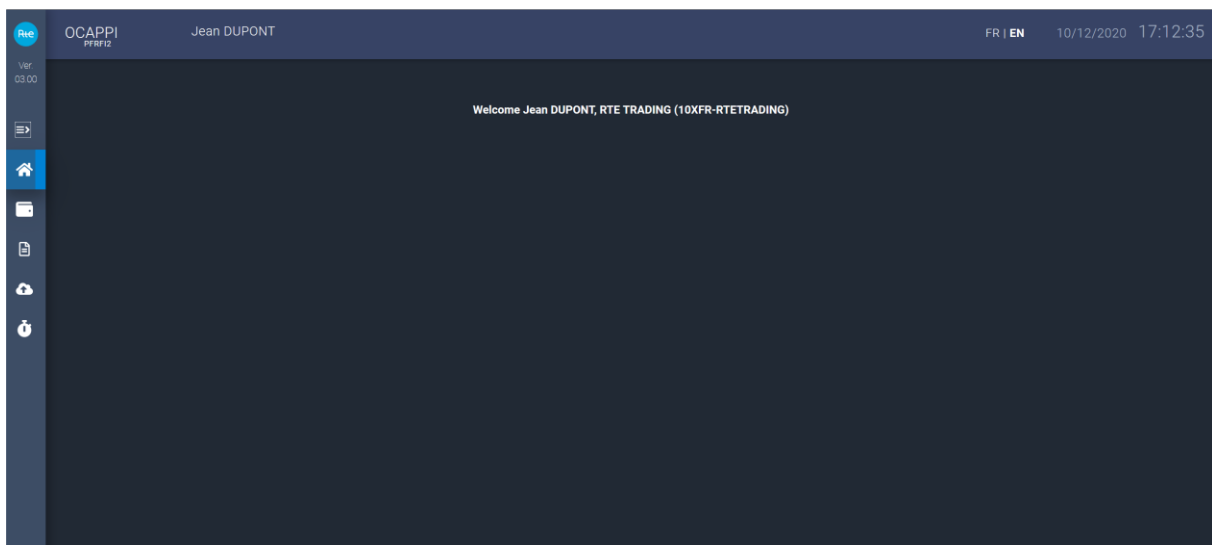
To access the GUI, the participant enters the URL of OCAPPI. After validating the certificate, the user is automatically redirected to OCAPPI's GUI.

### 8.2 Home page screen

When clicking on the URL of the application, the participant will automatically be redirected to OCAPPI's GUI.

A welcome message, the name of the user as well as his party are visible.

The users have the opportunity to choose the language by clicking on the button FR|EN in the header of the screen.



This main screen gives access to the various screens of the application through the menu bar, on the left of the screen.



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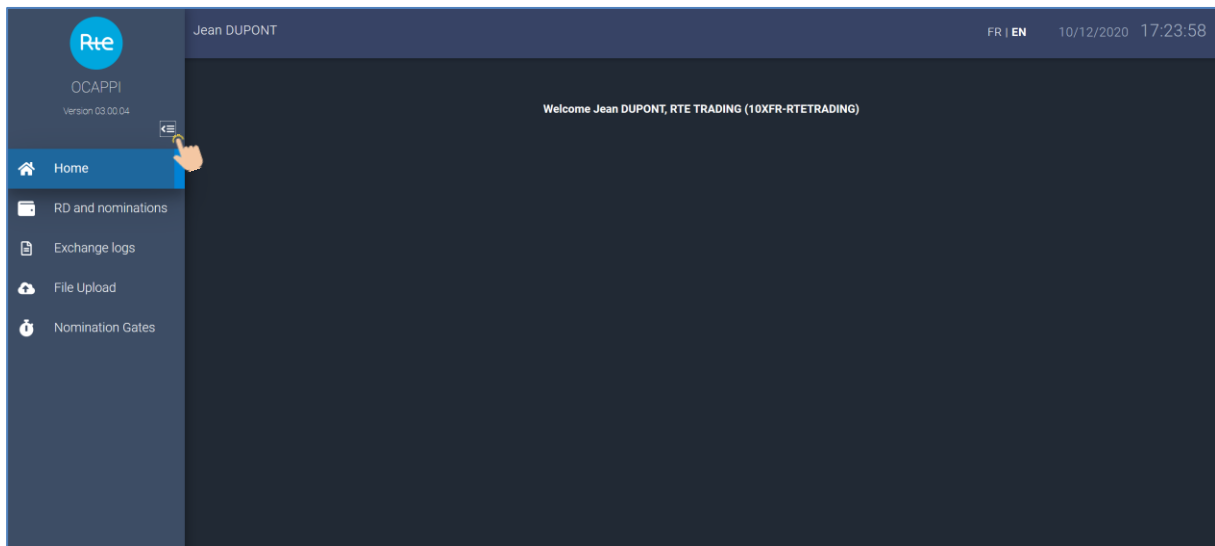
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A screen is dedicated to the each one of the following functionalities:

- All documents either produced by or submitted to the OCAPPI system are available from a single screen through the Exchange Log
- The timing of all the gates can be displayed at any moment from the Gates menu
- A screen allows participants to nominate or to modify their nominations and to review their rights and nominations through the RD & Nominations menu
- It is possible for the participant to upload a file through the File upload menu

The local time of the user's desktop is permanently displayed on the application in the header section.

The user has the possibility to display or to hide the different screens names by clicking on the arrow in the menu bar.



## 8.3 Exchange Log screen

The GUI includes an "Exchange Log" screen which allows the participants to display the list of exchanged files of their party.

This log presents the main data associated with each of the exchanges, namely:

- The direction of the file (In for received by OCAPPI and out if sent by OCAPPI)
- The processing date of the file
- The Market Period of the document
- The status of the file (OK or not OK)
- The document type (eg: submission of a nomination)
- The process
- The horizon
- The border
- The TSO other than RTE
- The version of the file

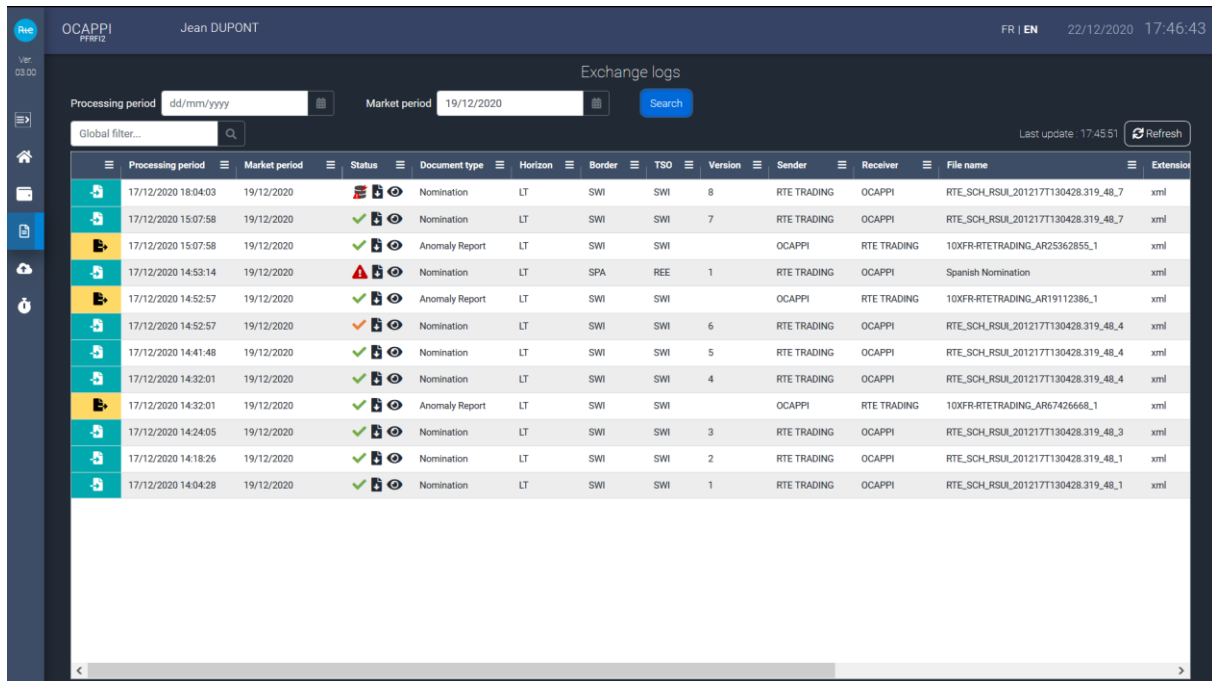
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- The sender and receiver of the file
- The document name
- The document extension
- The file transmission mode
- The receipt date
- The acknowledgment that indicates details of the encountered error if the file is rejected
- The user
- Action buttons (open, download the document, download the ACK)

A search bar is provided to filter exchanges on all of this data.  
It's possible to sort the data displayed by interacting with the column headers.

The user can drag and drop the columns to change their order.

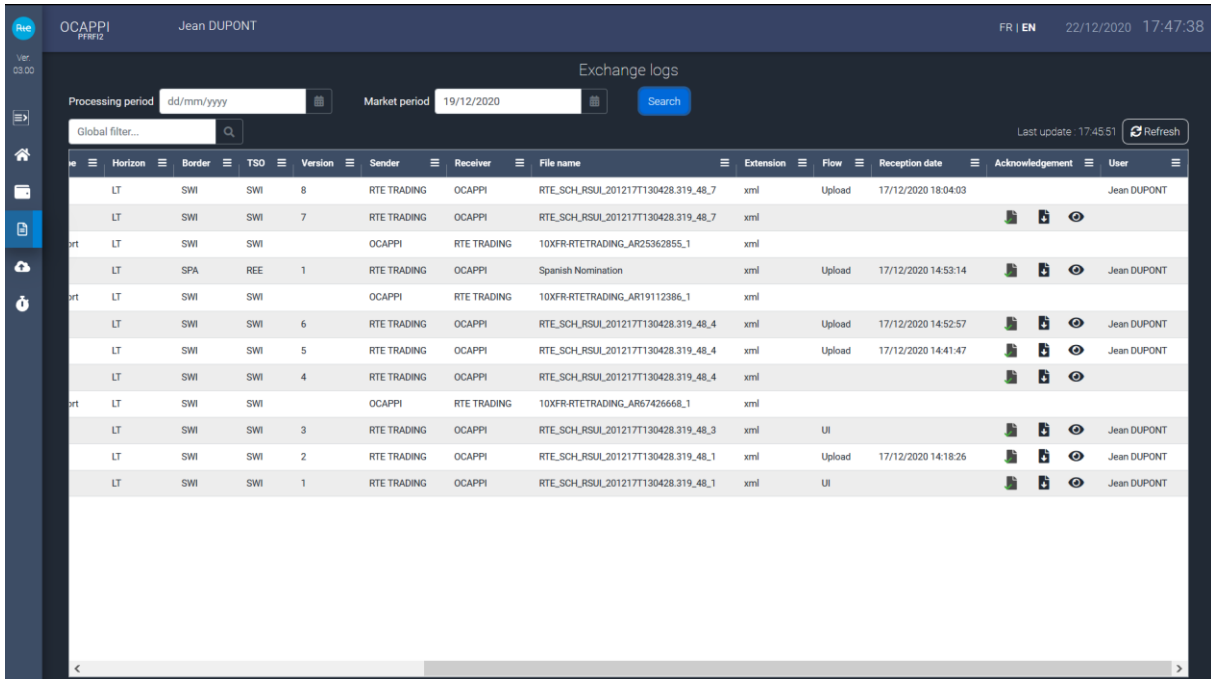


The screenshot shows the OCAPPI application interface. At the top, there's a header with the RTE logo, the user name 'Jean DUPONT', and the date '22/12/2020 17:46:43'. Below the header, there's a search bar and a table of exchange logs. The table has columns for Processing period, Market period, Status, Document type, Horizon, Border, TSO, Version, Sender, Receiver, File name, and Extension. The table contains 12 rows of data, each representing a file exchange. The first row shows a file named 'RTE\_SCH\_RSUL201217130428.319\_48\_7.xml' with a status of 'Nominations' and a document type of 'Nominations'. The second row shows a file named 'RTE\_SCH\_RSUL201217130428.319\_48\_7.xml' with a status of 'Nominations' and a document type of 'Nominations'. The third row shows a file named '10XFR-RTETTRADING\_AR25362855\_1.xml' with a status of 'Anomaly Report' and a document type of 'Anomaly Report'. The fourth row shows a file named 'Spanish Nominations' with a status of 'Nominations' and a document type of 'Nominations'. The fifth row shows a file named '10XFR-RTETTRADING\_AR19112386\_1.xml' with a status of 'Anomaly Report' and a document type of 'Anomaly Report'. The sixth row shows a file named 'RTE\_SCH\_RSUL201217130428.319\_48\_4.xml' with a status of 'Nominations' and a document type of 'Nominations'. The seventh row shows a file named 'RTE\_SCH\_RSUL201217130428.319\_48\_4.xml' with a status of 'Nominations' and a document type of 'Nominations'. The eighth row shows a file named '10XFR-RTETTRADING\_AR67426668\_1.xml' with a status of 'Anomaly Report' and a document type of 'Anomaly Report'. The ninth row shows a file named 'RTE\_SCH\_RSUL201217130428.319\_48\_3.xml' with a status of 'Nominations' and a document type of 'Nominations'. The tenth row shows a file named 'RTE\_SCH\_RSUL201217130428.319\_48\_1.xml' with a status of 'Nominations' and a document type of 'Nominations'. The eleventh row shows a file named 'RTE\_SCH\_RSUL201217130428.319\_48\_1.xml' with a status of 'Nominations' and a document type of 'Nominations'. The twelfth row shows a file named 'RTE\_SCH\_RSUL201217130428.319\_48\_1.xml' with a status of 'Nominations' and a document type of 'Nominations'.

Processing period	Market period	Status	Document type	Horizon	Border	TSO	Version	Sender	Receiver	File name	Extension
17/12/2020 18:04:03	19/12/2020		Nominations	LT	SWI	SWI	8	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217130428.319_48_7	.xml
17/12/2020 15:07:58	19/12/2020		Nominations	LT	SWI	SWI	7	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217130428.319_48_7	.xml
17/12/2020 15:07:58	19/12/2020		Anomaly Report	LT	SWI	SWI		OCAPPI	RTE TRADING	10XFR-RTETTRADING_AR25362855_1	.xml
17/12/2020 14:53:14	19/12/2020		Nominations	LT	SPA	REE	1	RTE TRADING	OCAPPI	Spanish Nominations	.xml
17/12/2020 14:52:57	19/12/2020		Anomaly Report	LT	SWI	SWI		OCAPPI	RTE TRADING	10XFR-RTETTRADING_AR19112386_1	.xml
17/12/2020 14:52:57	19/12/2020		Nominations	LT	SWI	SWI	6	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217130428.319_48_4	.xml
17/12/2020 14:41:48	19/12/2020		Nominations	LT	SWI	SWI	5	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217130428.319_48_4	.xml
17/12/2020 14:32:01	19/12/2020		Nominations	LT	SWI	SWI	4	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217130428.319_48_4	.xml
17/12/2020 14:32:01	19/12/2020		Anomaly Report	LT	SWI	SWI		OCAPPI	RTE TRADING	10XFR-RTETTRADING_AR67426668_1	.xml
17/12/2020 14:24:05	19/12/2020		Nominations	LT	SWI	SWI	3	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217130428.319_48_3	.xml
17/12/2020 14:18:26	19/12/2020		Nominations	LT	SWI	SWI	2	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217130428.319_48_1	.xml
17/12/2020 14:04:28	19/12/2020		Nominations	LT	SWI	SWI	1	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217130428.319_48_1	.xml

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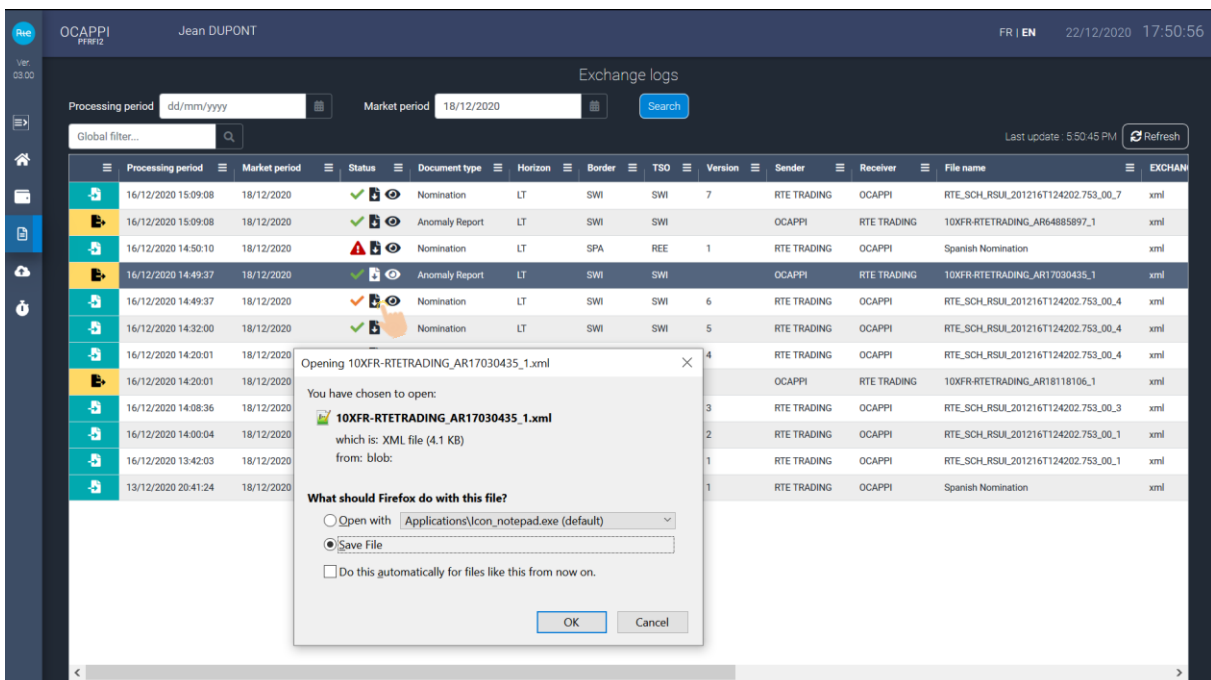
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The screenshot shows the OCAPPI Exchange logs interface. The top bar includes the RTE logo, user name 'Jean DUPONT', and date/time '22/12/2020 17:47:38'. Below the top bar, there are search filters for 'Processing period' and 'Market period', and a 'Search' button. The main table displays transaction logs with columns: Horizon, Border, TSO, Version, Sender, Receiver, File name, Extension, Flow, Reception date, Acknowledgement, and User. The table contains several rows of transaction data, including nominations and acknowledgements.

Horizon	Border	TSO	Version	Sender	Receiver	File name	Extension	Flow	Reception date	Acknowledgement	User
LT	SWI	SWI	8	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217T130428.319_48_7	xml	Upload	17/12/2020 18:04:03		Jean DUPONT
LT	SWI	SWI	7	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217T130428.319_48_7	xml				Jean DUPONT
LT	SWI	SWI		OCAPPI	RTE TRADING	10XFR-RTETTRADING_AR25362855_1	xml				Jean DUPONT
LT	SPA	REE	1	RTE TRADING	OCAPPI	Spanish Nomination	xml	Upload	17/12/2020 14:53:14		Jean DUPONT
LT	SWI	SWI		OCAPPI	RTE TRADING	10XFR-RTETTRADING_AR19112386_1	xml				Jean DUPONT
LT	SWI	SWI	6	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217T130428.319_48_4	xml	Upload	17/12/2020 14:52:57		Jean DUPONT
LT	SWI	SWI	5	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217T130428.319_48_4	xml	Upload	17/12/2020 14:41:47		Jean DUPONT
LT	SWI	SWI	4	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217T130428.319_48_4	xml				Jean DUPONT
LT	SWI	SWI		OCAPPI	RTE TRADING	10XFR-RTETTRADING_AR67426668_1	xml				Jean DUPONT
LT	SWI	SWI	3	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217T130428.319_48_3	xml	UI			Jean DUPONT
LT	SWI	SWI	2	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217T130428.319_48_1	xml	Upload	17/12/2020 14:18:26		Jean DUPONT
LT	SWI	SWI	1	RTE TRADING	OCAPPI	RTE_SCH_RSUL201217T130428.319_48_1	xml	UI			Jean DUPONT

A button allows the download of the file or the acknowledgement in XML format. This button appears as a file with an arrow.



The screenshot shows the OCAPPI Exchange logs interface with a download button highlighted. The table displays transaction logs with columns: Processing period, Market period, Status, Document type, Horizon, Border, TSO, Version, Sender, Receiver, File name, and EXCHANGE. The table contains several rows of transaction data, including nominations and acknowledgements. A download button (file icon with an arrow) is visible in the first column of the table.

Processing period	Market period	Status	Document type	Horizon	Border	TSO	Version	Sender	Receiver	File name	EXCHANGE
16/12/2020 15:09:08	18/12/2020	✓	Nomination	LT	SWI	SWI	7	RTE TRADING	OCAPPI	RTE_SCH_RSUL201216T124202.753_00_7	xml
16/12/2020 15:09:08	18/12/2020	✓	Anomaly Report	LT	SWI	SWI		OCAPPI	RTE TRADING	10XFR-RTETTRADING_AR64885897_1	xml
16/12/2020 14:50:10	18/12/2020	✗	Nomination	LT	SPA	REE	1	RTE TRADING	OCAPPI	Spanish Nomination	xml
16/12/2020 14:49:37	18/12/2020	✓	Anomaly Report	LT	SWI	SWI		OCAPPI	RTE TRADING	10XFR-RTETTRADING_AR17030435_1	xml
16/12/2020 14:49:37	18/12/2020	✓	Nomination	LT	SWI	SWI	6	RTE TRADING	OCAPPI	RTE_SCH_RSUL201216T124202.753_00_4	xml
16/12/2020 14:32:00	18/12/2020	✓	Nomination	LT	SWI	SWI	5	RTE TRADING	OCAPPI	RTE_SCH_RSUL201216T124202.753_00_4	xml
16/12/2020 14:20:01	18/12/2020	✓	Nomination	LT	SWI	SWI	4	RTE TRADING	OCAPPI	RTE_SCH_RSUL201216T124202.753_00_4	xml
16/12/2020 14:20:01	18/12/2020	✓	Nomination	LT	SWI	SWI		OCAPPI	RTE TRADING	10XFR-RTETTRADING_AR18118106_1	xml
16/12/2020 14:08:36	18/12/2020	✓	Nomination	LT	SWI	SWI	3	RTE TRADING	OCAPPI	RTE_SCH_RSUL201216T124202.753_00_3	xml
16/12/2020 14:00:04	18/12/2020	✓	Nomination	LT	SWI	SWI	2	RTE TRADING	OCAPPI	RTE_SCH_RSUL201216T124202.753_00_1	xml
16/12/2020 13:42:03	18/12/2020	✓	Nomination	LT	SWI	SWI	1	RTE TRADING	OCAPPI	RTE_SCH_RSUL201216T124202.753_00_1	xml
13/12/2020 20:41:24	18/12/2020	✓	Nomination	LT	SWI	SWI		RTE TRADING	OCAPPI	Spanish Nomination	xml

## 8.4 Gates screen

The GUI includes a "Gates" screen which allows the participant to visualize the gates and more specifically the nomination gates in order to know the timeframe during which the nomination submission is authorized.

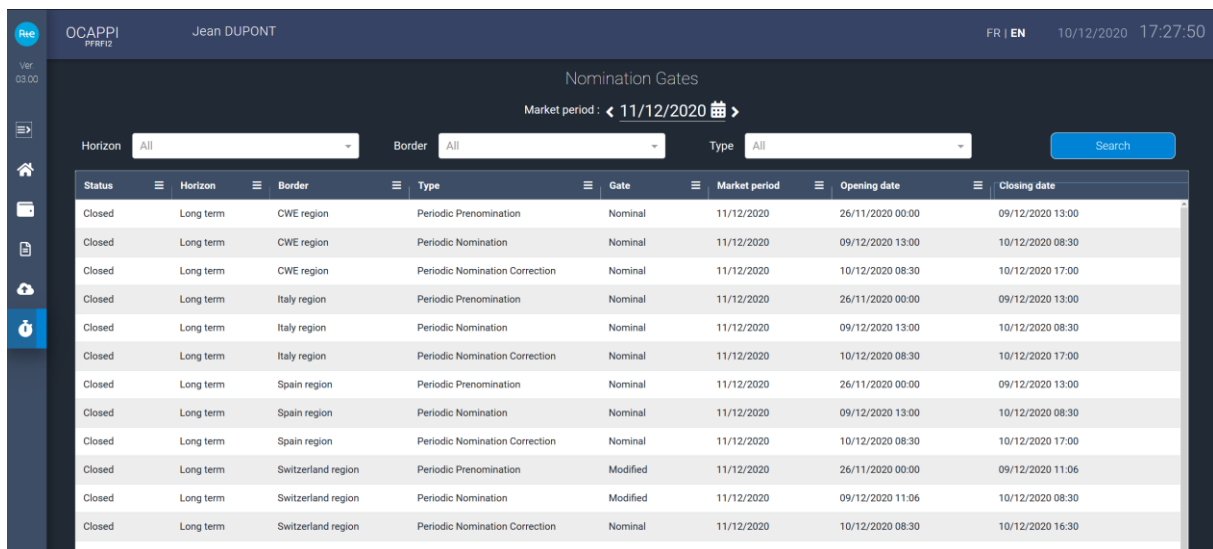
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A search bar is provided to filter the gates.

Depending on the timeframe, the gates are:

- Periodic Pre-nomination
- Periodic Nomination
- Periodic Nomination correction
- Daily Pre-nomination
- Daily Nomination
- Daily Nomination correction



Status	Horizon	Border	Type	Gate	Market period	Opening date	Closing date
Closed	Long term	CWE region	Periodic Prenomination	Nominal	11/12/2020	26/11/2020 00:00	09/12/2020 13:00
Closed	Long term	CWE region	Periodic Nomination	Nominal	11/12/2020	09/12/2020 13:00	10/12/2020 08:30
Closed	Long term	CWE region	Periodic Nomination Correction	Nominal	11/12/2020	10/12/2020 08:30	10/12/2020 17:00
Closed	Long term	Italy region	Periodic Prenomination	Nominal	11/12/2020	26/11/2020 00:00	09/12/2020 13:00
Closed	Long term	Italy region	Periodic Nomination	Nominal	11/12/2020	09/12/2020 13:00	10/12/2020 08:30
Closed	Long term	Italy region	Periodic Nomination Correction	Nominal	11/12/2020	10/12/2020 08:30	10/12/2020 17:00
Closed	Long term	Spain region	Periodic Prenomination	Nominal	11/12/2020	26/11/2020 00:00	09/12/2020 13:00
Closed	Long term	Spain region	Periodic Nomination	Nominal	11/12/2020	09/12/2020 13:00	10/12/2020 08:30
Closed	Long term	Spain region	Periodic Nomination Correction	Nominal	11/12/2020	10/12/2020 08:30	10/12/2020 17:00
Closed	Long term	Switzerland region	Periodic Prenomination	Modified	11/12/2020	26/11/2020 00:00	09/12/2020 11:06
Closed	Long term	Switzerland region	Periodic Nomination	Modified	11/12/2020	09/12/2020 11:06	10/12/2020 08:30
Closed	Long term	Switzerland region	Periodic Nomination Correction	Nominal	11/12/2020	10/12/2020 08:30	10/12/2020 16:30

It is also possible to filter the gates table.

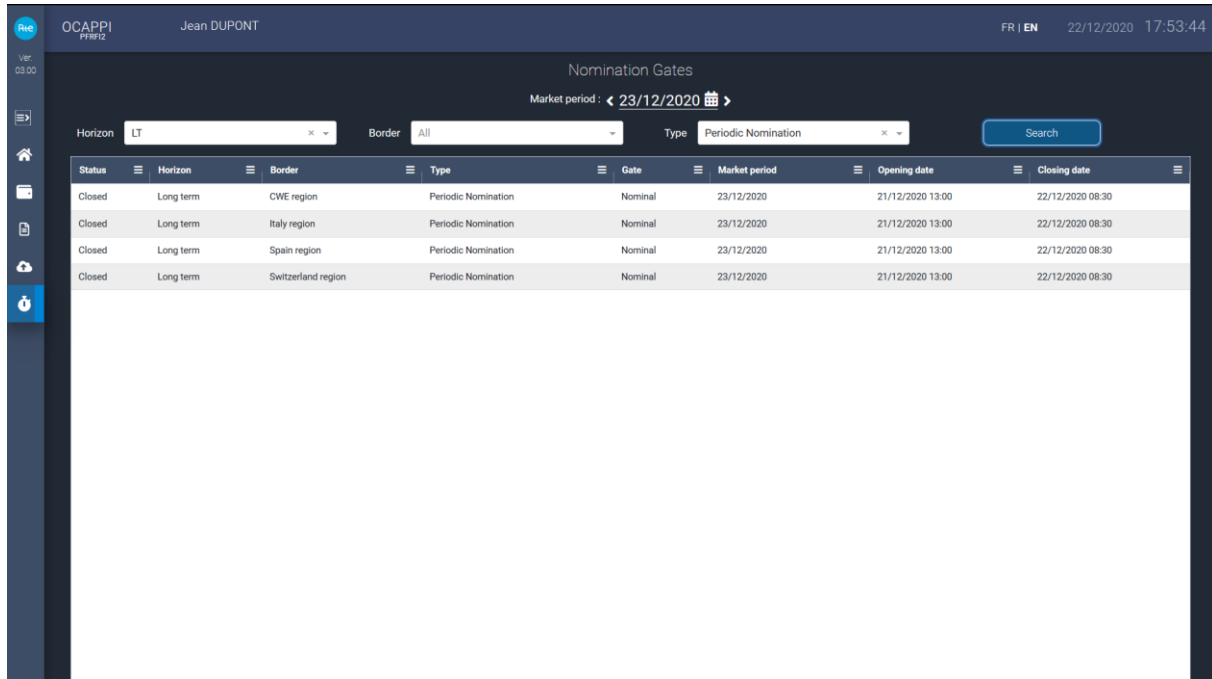
The filtering criteria includes:

- Horizon
- Border
- Type; it designates the type of gate (pre nomination, nomination, correction)
- Market day

Pressing the "Search" button enables the filtering of gates in compliance with the selected filters.

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Status	Horizon	Border	Type	Gate	Market period	Opening date	Closing date
Closed	Long term	CWE region	Periodic Nomination	Nominal	23/12/2020	21/12/2020 13:00	22/12/2020 08:30
Closed	Long term	Italy region	Periodic Nomination	Nominal	23/12/2020	21/12/2020 13:00	22/12/2020 08:30
Closed	Long term	Spain region	Periodic Nomination	Nominal	23/12/2020	21/12/2020 13:00	22/12/2020 08:30
Closed	Long term	Switzerland region	Periodic Nomination	Nominal	23/12/2020	21/12/2020 13:00	22/12/2020 08:30

To reset the values of the filters, the user can press the cross visible in every filter box whenever a value have been selected then click on the search button.

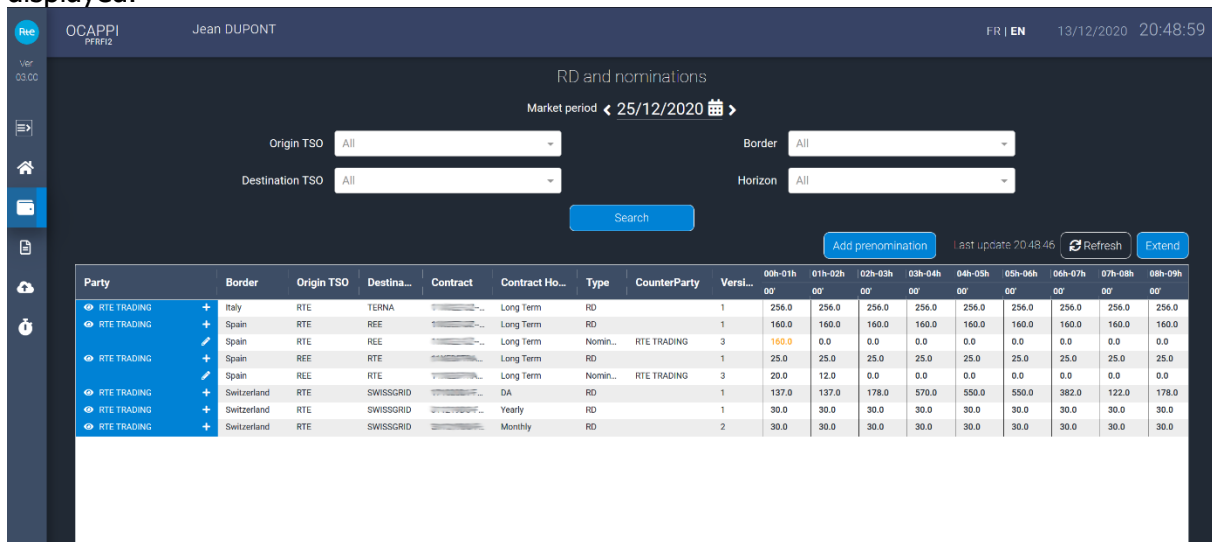
Sorting the table is also possible by simply double clicking on the column name.

The user can drag and drop the columns to change their order.

## 8.5 RD and Nominations screen

The GUI includes a "RD and Nominations" screen which allows the participant to view their rights and to manually enter a nomination or a pre-nomination.

Rights sent by the auction managing tools, or the ones for the LT Swiss Contracts, will be displayed.



Party	Border	Origin TSO	Destina...	Contract	Contract Ho...	Type	CounterParty	Versi...	00h-01h	01h-02h	02h-03h	03h-04h	04h-05h	05h-06h	06h-07h	07h-08h	08h-09h
RTE TRADING	Italy	RTE	TERNA		Long Term	RD		1	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0
RTE TRADING	Spain	RTE	REE		Long Term	RD		1	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
RTE TRADING	Spain	REE	REE		Long Term	Nomin...	RTE TRADING	3	160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RTE TRADING	Spain	REE	RTE		Long Term	RD		1	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
RTE TRADING	Spain	REE	RTE		Long Term	Nomin...	RTE TRADING	3	20.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RTE TRADING	Switzerland	RTE	SWISSGRID		DA	RD		1	137.0	137.0	178.0	570.0	550.0	550.0	382.0	122.0	178.0
RTE TRADING	Switzerland	RTE	SWISSGRID		Yearly	RD		1	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
RTE TRADING	Switzerland	RTE	SWISSGRID		Monthly	RD		2	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0

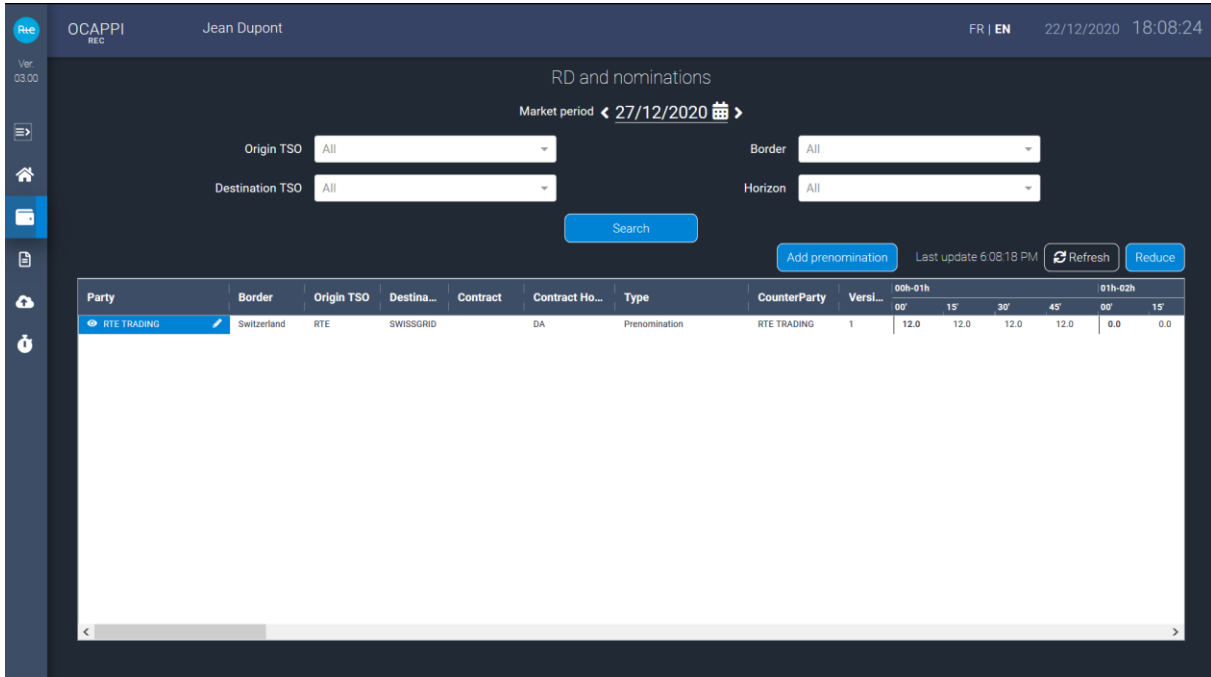
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After pressing the “RD and Nominations” menu button, the participants can display their rights, pre-nominations and nominations of the selected market period.

The default value of the market period is tomorrow.

The user's data will be displayed. If for example the user has just sent a pre-nomination file, quantities present in the pre-nomination file will be displayed.



It is possible to change the value of the market period by clicking on it and selecting another date in the calendar.

It is also possible to filter the lines of the table.

The filtering criteria includes:

- Origin TSO
- Destination TSO
- Border
- Horizon
- Market period

Pressing the “Search” button filters the Rights and the Nominations in compliance with the selected filters.

To reset the values of the filters, the user can press the cross visible in every filter box then click on the search button.

Please note that a “Total” Column displaying the sum of all inputted nominations will be soon be added to the RD & Nominations Screen.

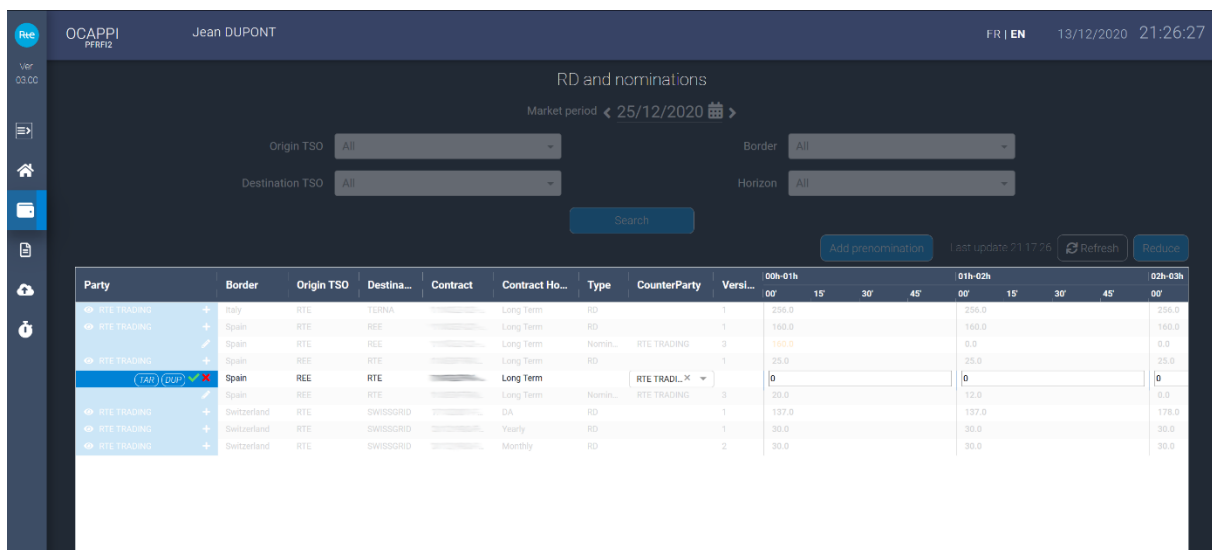
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This screen also enables the modification. In the column "Party", the participant can click on the pen icon in order to enable the entry or the modification of a nomination.

This screen also allow the cancellation of the nomination or the pre-nomination if the values are set to zero.

In edition mode, after clicking on the pen icon, edition boxes appear in place of every editable value. If values already existed, then they will be displayed in the editable boxes. The users can then either modify these values or keep the existing values.



To be able to save a nomination, the following fields have to be filled in:

- Counterparty
  - All the cells of the nomination regarding the modified line. The users have to fill in the 24 values corresponding to the whole market day.
- NEW**
- While filling the cells corresponding to the nominations, it is possible to press "TAB" to move from one cell to another.

As a shortcut to quickly fill up the 24 hours of the nomination schedule, users can copy a selection of 24 values in an Excel sheet and press CTRL-V in the web page to paste that selection into the form of the Nomination screen. The user must select the first cell in order to correctly paste the 24 values.

Another shortcut consists of clicking on "duplicate RD values" to copy the values of the RD in the nomination line.

Please note that it will also soon be possible to press the "tabulation" button to jump from cell to cell.

It is also possible to erase the values and to set all of them to zero by clicking on the TAR button.

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After the entry of the nomination, the participant can:

- Save the nomination or the pre nomination by pressing the green tick
- Delete the entry by pressing the red cross.

In both cases, the nomination or pre nomination line are no longer in edition mode.

The nomination can then be seen in the RD and nomination screen.

The nomination file, if the nomination has been validated, is visible in the exchange log screen.

Whenever nomination values are modified (curtailed), the value of the nomination will be in orange so that the user may know which quantities were reduced (see figure below).

It is also possible to add a new nomination by pressing the "+" button.



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A new nomination line appears and the user can access the edition mode by clicking on the pen.

RD and nominations

Market period < 25/12/2020 >

Origin TSO: All Border: All

Destination TSO: All Horizon: All

Search

Add nomination Last update 20:48:46 Refresh Extend

Party	Border	Origin TSO	Destina...	Contract	Contract No...	Type	CounterParty	Versi...	00h-01h	01h-02h	02h-03h	03h-04h	04h-05h	05h-06h	06h-07h	07h-08h	08h-09h
RTE TRADING	+	Italy	RTE	TERNA	Long Term	RD		1	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0
RTE TRADING	+	Spain	RTE	REE	Long Term	RD		1	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
RTE TRADING	+	Spain	RTE	REE	Long Term	Nomin...	RTE TRADING	3	160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RTE TRADING	+	Spain	REE	RTE	Long Term	RD		1	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
RTE TRADING	+	Spain	REE	RTE	Long Term	Nomin...	RTE TRADING	3	20.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RTE TRADING	+	Switzerland	RTE	SWISSGRID	DA	RD		1	137.0	137.0	178.0	570.0	550.0	550.0	382.0	122.0	178.0
RTE TRADING	+	Switzerland	RTE	SWISSGRID	Yearly	RD		1	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
RTE TRADING	+	Switzerland	RTE	SWISSGRID	Monthly	RD		2	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0

Previous versions of RD and nominations can be displayed by clicking on the "Display previous versions" button. A pop in appears and displays previous versions of RD and nominations.

The processing date will also be displayed in the pop in.

RD and nominations

Market period < 25/12/2020 >

Origin TSO: All Border: All

Destination TSO: All Horizon: All

Search

Add nomination Last update 20:48:46 Refresh Extend

Party	Border	Origin TSO	Destina...	Contract	Contract No...	Type	CounterParty	Versi...	00h-01h	01h-02h	02h-03h	03h-04h	04h-05h	05h-06h	06h-07h	07h-08h	08h-09h
RTE TRADING	+	Italy	RTE	TERNA	Long Term	RD		1	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0
RTE TRADING	+	Spain	RTE	REE	Long Term	RD		1	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
RTE TRADING	+	Spain	RTE	REE	Long Term	Nomin...	RTE TRADING	3	160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RTE TRADING	+	Spain	REE	RTE	Long Term	RD		1	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
RTE TRADING	+	Spain	REE	RTE	Long Term	Nomin...	RTE TRADING	3	20.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RTE TRADING	+	Switzerland	RTE	SWISSGRID	DA	RD		1	137.0	137.0	178.0	570.0	550.0	550.0	382.0	122.0	178.0
RTE TRADING	+	Switzerland	RTE	SWISSGRID	Yearly	RD		1	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
RTE TRADING	+	Switzerland	RTE	SWISSGRID	Monthly	RD		2	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0

## 8.6 File upload screen

The **File Upload screen** allows the upload of a file into the OCAPPI system.

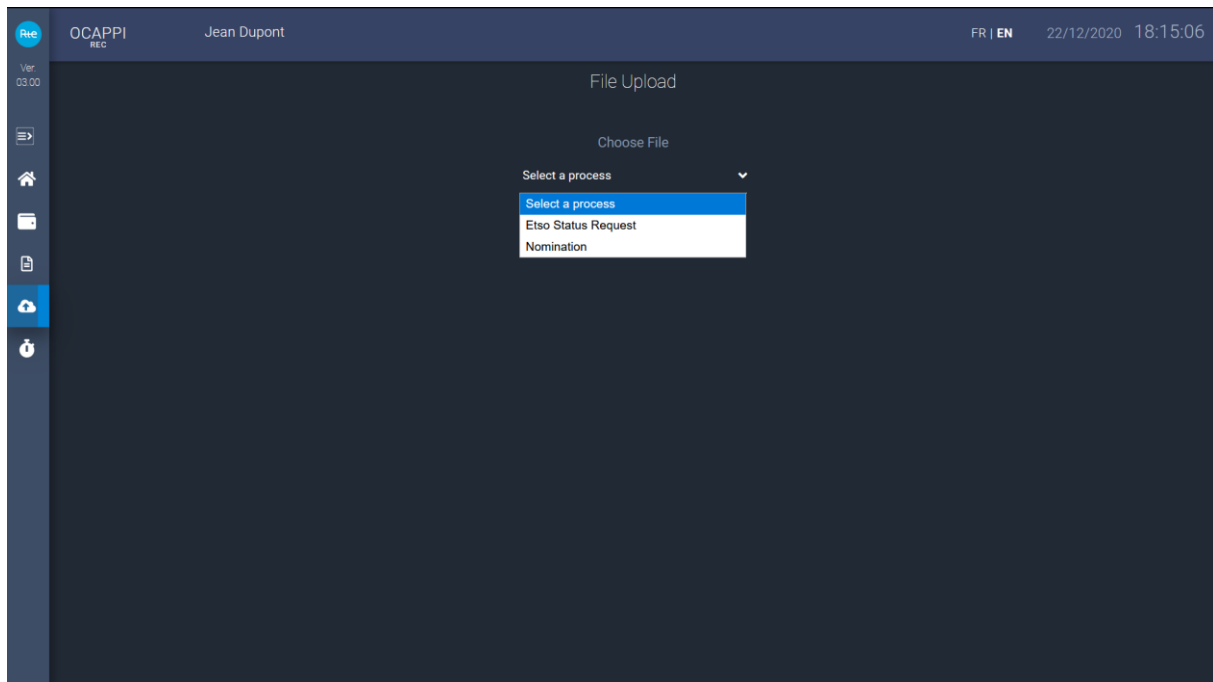
To access this screen the participant must select the File upload menu.

These steps have to be followed:

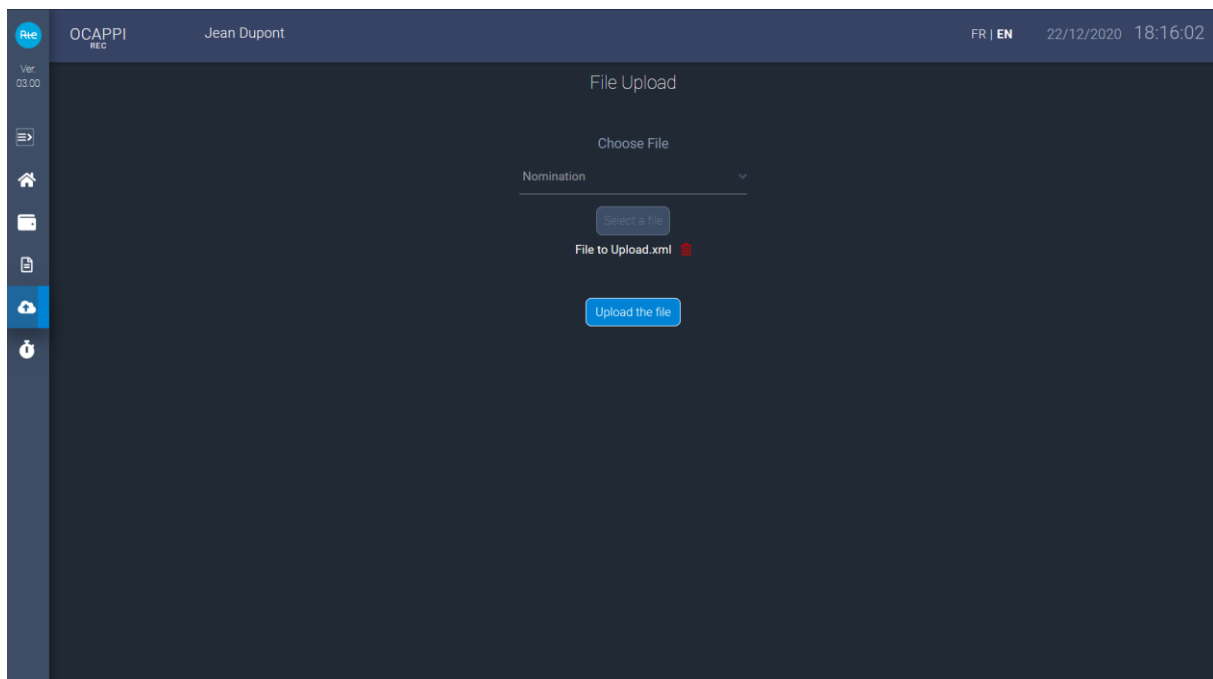
- Participants have to choose whether they want to upload a nomination or a status request document

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- Participants should select a file on their computer via the browse button.
- Once a file is selected, they may click to start the actual upload process.



- Logging messages let participants monitor the file parsing and see the result of that parsing on the Exchange Log menu.

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## 8.7 Additional functionalities

It is possible to export the data displayed in a table by generating an Excel or csv document.

In order to do that, the user can press the right button of the mouse on the table then click

Party	Border	Origin TSO	Destina...	Contract	Contract Ho...	Type	CounterParty	Versi...	00h-01h	01h-02h	02h-03h	03h-04h	04h-05h	05h-06h	06h-07h	07h-08h	08h-09h	09h-10h	10h-11h
<div><div></div><div>RTE TRADING</div></div>	+	Italy	RTE	TERNIA	Contract ID	Long Term	RD	1	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0
<div><div></div><div>RTE TRADING</div></div>	+	Spain	RTE	REE	Contract ID	Long Term	RD	1	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
<div><div></div><div>RTE TRADING</div></div>	+	Spain	RTE	REE			Nomin...	RTE TRADING	3	160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<div><div></div><div>RTE TRADING</div></div>	+	Spain	REE	RTE			RD	1	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
<div><div></div><div>RTE TRADING</div></div>	+	Spain	REE	RTE			Nomin...	RTE TRADING	3	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<div><div></div><div>RTE TRADING</div></div>	+	Switzerland	RTE	SWISSGRID			RD	1	137.0	137.0	178.0	570.0	550.0	550.0	382.0	122.0	178.0	242.0	178.0
<div><div></div><div>RTE TRADING</div></div>	+	Switzerland	RTE	SWISSGRID			RD	1	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
<div><div></div><div>RTE TRADING</div></div>	+	Switzerland	RTE	SWISSGRID			RD	2	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0

Copy

Copy with Headers

Paste

Export

Ctrl+C

Ctrl+V

CSV Export

Excel Export (.xlsx)

Excel Export (.xml)

on "export" and select the desired export format.

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## 9. Machine to Machine Interface

### 9.1 API Nomination

OCAPPI provides an API created for the nomination process.

This API is called API **Nomination**.

It is created to allow:

- Submitting a nomination
- Asking for a confirmation report or a Rights portfolio using a Status Request document
- Asking for an Anomaly Report if there is any in case of a nomination curtailment

The characteristics of the API Nomination are defined below.

<b>Title</b>	Nomination
<b>Description</b>	<p>This API Nomination is technically created to allow:</p> <ul style="list-style-type: none"> <li>• Submitting a nomination</li> <li>• Asking for a confirmation report or a Rights portfolio using a Status Request document</li> <li>• Asking for an Anomaly Report if there is any in case of a nomination curtailment</li> </ul>
<b>Version</b>	1.0
<b>Hosts</b>	<a href="https://secure-apps.iservices.rte-france.com/">https://secure-apps.iservices.rte-france.com/</a>
<b>Schemes</b>	HTTPS
<b>BasePath</b>	<p>Production : /ocappi/api/</p> <p>Training : /ocappi-formation/api/</p>
<b>Contact</b>	<ul style="list-style-type: none"> <li>• Name : RTE-DSIT-TRAINING-OCAPPI</li> <li>• e-mail : <a href="mailto:rte-dsit-training-ocappi@rte-france.com">rte-dsit-training-ocappi@rte-france.com</a></li> </ul>

### 9.2 General principles

The API follows the operating principle below:

- Verification of the authentication and authorizations of the user regarding the certificate
- Response of the API depending on the resource used

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### 9.3 API Nomination's resources

The API Nomination is composed of three resources:

Resource	Aim
nominate	Submitting a nomination and receiving its acknowledgment
request_status	Asking for a confirmation report or a Rights portfolio using a Status Request document and receiving both the acknowledgment and the requested document
has_nomination_been_reduced	Asking for an Anomaly Report if there is any in case of a nomination curtailment

The characteristics of each resource of the API Nomination are described below.

#### 9.3.1 Resource nominate

##### 9.3.1.1 Characteristics

Path	POST /nomination/nominate										
description	Post a ScheduleDocument Version 3 Release 3 containing the nomination										
operationId	nominate										
Parameter content type	text/plain										
produces	application/json										
parameter	<table> <tr> <td>in</td><td>Body</td></tr> <tr> <td>description</td><td>ScheduleDocument V3R3 encoded in base64</td></tr> <tr> <td>required</td><td>true</td></tr> <tr> <td>type</td><td>String</td></tr> <tr> <td>format</td><td>byte</td></tr> </table>	in	Body	description	ScheduleDocument V3R3 encoded in base64	required	true	type	String	format	byte
in	Body										
description	ScheduleDocument V3R3 encoded in base64										
required	true										
type	String										
format	byte										
response 200	<ul style="list-style-type: none"> <li>Description: the Schedule Document has been processed.</li> <li>objet de retour: <u>nomination result</u></li> </ul>										
reponse 400	<ul style="list-style-type: none"> <li>Description: the Schedule Document has not been processed</li> <li>Return object: <u>error description</u></li> </ul>										
response 401	<ul style="list-style-type: none"> <li>Description: Unauthorized</li> <li>Return object: string</li> </ul>										
response 403	<ul style="list-style-type: none"> <li>Description: Forbidden</li> <li>Return object: <u>error description</u></li> </ul>										
response 500	<ul style="list-style-type: none"> <li>Description: Internal Server Error</li> <li>Return object: <u>error description</u></li> </ul>										
reponse 503	<ul style="list-style-type: none"> <li>Description: Service Unavailable</li> </ul>										

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- Return object: error\_description

#### 9.3.1.2 Object error\_description

Name	Type	Format	Enum	Cardinality	Description
error_code	string	enum	UNAUTHORIZED PARAM_BODY_EMPTY PARAM_BODY_EMPTY_NOT_ENCODED_IN_BASE64 PARAM_START_DATE_NOT_CORRECT PARAM_END_DATE_NOT_CORRECT PARAM_PERIOD_NOT_CORRECT	1	short_name, error's explicit description
error_description	string	string		1	long name, readable by a user

#### 9.3.1.3 Object nomination\_result

Name	Type	Format	Enum	Cardinality	Description
scheduleDocument_status	string	enum	FULLY_ACCEPTED PARTIALLY_ACCEPTED FULLY_REJECTED ACCEPTED_WITH_REDUCTION	1	Schedule Document Status. This information is extracted from the AcknowledgementDocument
acknowledgement_document	string	byte		1	AcknowledgementDocument V5R0 generated by RTE and encoded in base64
is_reduction	boolean			1	true if nomination has been reduced
anomaly_report	string	byte		0..1	AnomalyReport V3R3 generated by RTE and encoded in base64 if nomination has been reduced

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## 9.3.2 Resource request\_status

### 9.3.2.1 Characteristics

<b>path</b>	POST /nomination/request_status										
<b>description</b>	Ask for a confirmation report or a Rights portfolio using a Status Request document										
<b>operationId</b>	request_status										
<b>Parameter content type</b>	text/plain										
<b>produces</b>	application/json										
<b>parameter</b>	<table> <tr> <td><b>in</b></td><td>Body</td></tr> <tr> <td><b>description</b></td><td>Etso Status Request V1R1 encoded in base64</td></tr> <tr> <td><b>required</b></td><td>true</td></tr> <tr> <td><b>type</b></td><td>String</td></tr> <tr> <td><b>format</b></td><td>Byte</td></tr> </table>	<b>in</b>	Body	<b>description</b>	Etso Status Request V1R1 encoded in base64	<b>required</b>	true	<b>type</b>	String	<b>format</b>	Byte
<b>in</b>	Body										
<b>description</b>	Etso Status Request V1R1 encoded in base64										
<b>required</b>	true										
<b>type</b>	String										
<b>format</b>	Byte										
<b>response 200</b>	<ul style="list-style-type: none"> <li>description: the Etso Status Request Document has been processed</li> <li>objet de retour: <u>etso_status_request_result</u></li> </ul>										
<b>response 400</b>	<ul style="list-style-type: none"> <li>description: the Etso Status Request Document has not been processed</li> <li>objet de retour: <u>error_description</u></li> </ul>										
<b>response 401</b>	<ul style="list-style-type: none"> <li>description: Unauthorized</li> <li>objet de retour: string</li> </ul>										
<b>response 403</b>	<ul style="list-style-type: none"> <li>description: Forbidden</li> <li>objet de retour: <u>error_description</u></li> </ul>										
<b>response 500</b>	<ul style="list-style-type: none"> <li>description: Internal Server Error</li> <li>objet de retour: <u>error_description</u></li> </ul>										
<b>response 503</b>	<ul style="list-style-type: none"> <li>description: Service Unavailable</li> <li>objet de retour: <u>error_description</u></li> </ul>										

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#### 9.3.2.2 Object error\_description

Name	Type	Format	Enum	Cardi- nality	Description
error_code	string	enum	UNAUTHORIZED PARAM_BODY_EMPTY PARAM_BODY_EMPTY_NOT_ENCODED_IN_BASE64 PARAM_START_DATE_NOT_CORRECT PARAM_END_DATE_NOT_CORRECT PARAM_PERIOD_NOT_CORRECT	1	short_name, error's explicit description
error_description	string	string		1	long name, readable by a user

#### 9.3.2.3 Object etso\_status\_request\_result

Attribut	Type	Format	Enum	Cardi- nality	Description
acknowledgement_document	string	byte		1	AcknowledgementDocument V5R0 generated by RTE and encoded in base64
status_request_accepted	boolean			1	true if the status request has been accepted by RTE
document_type	string	enum	CONFIRMATION_REPORT RIGHT_DOCUMENT	0..1	returned document type if the status request has been accepted by RTE
return_document	string	byte		0..1	<p>Document returned by RTE encoded by base64 if the status request has been accepted by RTE.</p> <p>Based on the returned document's type , it can be :</p> <ul style="list-style-type: none"> <li>CONFIRMATION_REPORT : ConfirmationReport V3R3</li> <li>RIGHT_DOCUMENT : RightsDocument V4R0</li> </ul>



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## 9.3.3 Resource has\_nomination\_been\_reduced

### 9.3.3.1 Characteristics

<b>Path</b>	GET /nomination/has_nomination_been_reduced																								
<b>description</b>	Ask for an Anomaly Report if there is any in case of a nomination curtailment																								
<b>operationId</b>	has_nomination_been_reduced																								
<b>produces</b>	application/json																								
<b>parameter</b>	<table> <tr> <td><b>name</b></td><td>start_date</td></tr> <tr> <td><b>in</b></td><td>query</td></tr> <tr> <td><b>description</b></td><td>Start date (included) - start date must be begin at midnight, french time</td></tr> <tr> <td><b>required</b></td><td>true</td></tr> <tr> <td><b>type</b></td><td>String</td></tr> <tr> <td><b>format</b></td><td>date-time</td></tr> </table> <table> <tr> <td><b>name</b></td><td>end_date</td></tr> <tr> <td><b>in</b></td><td>query</td></tr> <tr> <td><b>description</b></td><td>End date (excluded) - end date must be the begin date plus one day</td></tr> <tr> <td><b>required</b></td><td>true</td></tr> <tr> <td><b>type</b></td><td>String</td></tr> <tr> <td><b>format</b></td><td>date-time</td></tr> </table>	<b>name</b>	start_date	<b>in</b>	query	<b>description</b>	Start date (included) - start date must be begin at midnight, french time	<b>required</b>	true	<b>type</b>	String	<b>format</b>	date-time	<b>name</b>	end_date	<b>in</b>	query	<b>description</b>	End date (excluded) - end date must be the begin date plus one day	<b>required</b>	true	<b>type</b>	String	<b>format</b>	date-time
<b>name</b>	start_date																								
<b>in</b>	query																								
<b>description</b>	Start date (included) - start date must be begin at midnight, french time																								
<b>required</b>	true																								
<b>type</b>	String																								
<b>format</b>	date-time																								
<b>name</b>	end_date																								
<b>in</b>	query																								
<b>description</b>	End date (excluded) - end date must be the begin date plus one day																								
<b>required</b>	true																								
<b>type</b>	String																								
<b>format</b>	date-time																								
<b>response 200</b>	<ul style="list-style-type: none"> <li>description: the nomination has been checked</li> <li>objet de retour: <u>nomination state result</u></li> </ul>																								
<b>reponse 400</b>	<ul style="list-style-type: none"> <li>description: the nomination has not been checked</li> <li>objet de retour: <u>error description</u></li> </ul>																								
<b>response 401</b>	<ul style="list-style-type: none"> <li>description: Unauthorized</li> <li>objet de retour: string</li> </ul>																								
<b>response 403</b>	<ul style="list-style-type: none"> <li>description: Forbidden</li> <li>objet de retour: <u>error description</u></li> </ul>																								
<b>response 500</b>	<ul style="list-style-type: none"> <li>description: Internal Server Error</li> <li>objet de retour: <u>error description</u></li> </ul>																								
<b>reponse 503</b>	<ul style="list-style-type: none"> <li>description: Service Unavailable</li> <li>objet de retour: <u>error description</u></li> </ul>																								

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#### 9.3.3.2 Object error\_description

Name	Type	Format	Enum	Cardi- nality	Description
error_code	string	enum	UNAUTHORIZED PARAM_BODY_EMPTY PARAM_BODY_EMPTY_NOT_ENCO DED_IN_BASE64 PARAM_START_DATE_NOT_CORRE CT PARAM_END_DATE_NOT_CORRECT PARAM_PERIOD_NOT_CORRECT	1	short_name, error's explicit description
error_description	string	string		1	long name, readable by a user

#### 9.3.3.3 Object nomination\_state\_result

Name	Type	Format	Enum	Cardi- nality	Description
is_reduction	boolean			1	true if nomination has been reduced
anomaly_report	string	byte		0..1	AnomalyReport V3R3 generated by RTE and encoded in base64 if nomination has been reduced

#### 9.3.4 Swagger






This swagger can be used to help developer to implement the nomination API.


  
api-nomination-v1.j  
son

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#### 9.3.5 Examples

Ressource	URL	Body Request	Body Return
nominate	POST <a href="https://secure-apps.iservices.rte-france.com/ocappi/api/nomination/nominate">https://secure-apps.iservices.rte-france.com/ocappi/api/nomination/nominate</a>	 nomination_request.txt	 nomination_return.json
request_status	POST <a href="https://secure-apps.iservices.rte-france.com/ocappi/api/nomination/request_status">https://secure-apps.iservices.rte-france.com/ocappi/api/nomination/request_status</a>	 status_request.txt	 status_return.json
has_nomination _been_reduced	GET <a href="https://secure-apps.iservices.rte-france.com/ocappi/api/nomination/has_nomination_been_reduced?end_date=2020-06-02T22:00:00Z&amp;start_date=2020-06-01T22:00:00Z">https://secure-apps.iservices.rte-france.com/ocappi/api/nomination/has_nomination_been_reduced?end_date=2020-06-02T22:00:00Z&amp;start_date=2020-06-01T22:00:00Z</a>	-	 nomination_reduced_return.json

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## 10. Appendices

### 10.1 File examples

Document Type	Example
<b>Rights Portfolio</b>	 RP_example.xml
<b>Status Request for Rights Portfolio</b>	 SR_CR.xml
<b>Status Request for Confirmation Report</b>	 EtsoRequestCR.xml
<b>Nomination</b>	 NominationExample.xml
<b>Confirmation Report</b>	 ConfirmationReportExample.xml
<b>Acknowledgement</b>	 ACKexample.xml
<b>Anomaly Report</b>	 AnomalyReportExample.xml



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## 10.2 Nomination Document Code Overview

Oriented Border	Type of nomination	Type of Capacity	Contract Type	Domain	Process Type	Object Aggregation	Business Type	Capacity Agreement Identification	In Area	Out Area	Counterparty Rule	Nomination Granularity
FR-BE	Nomination	Daily	A01	10YDOM-REGION-1V	A01	A04	A06 (A03 if shadow explicit auction)	Found in TSO CS RD (or JAO RD if shadow auction)	10YBE----- --2	10YFR-RTE-- ----C	AtoA	0,1 MW
BE-FR	Nomination	Daily	A01	10YDOM-REGION-1V	A01	A04	A06 (A03 if shadow explicit auction)	Found in TSO CS RD (or JAO RD if shadow auction)	10YFR-RTE-- ----C	10YBE----- --2	AtoA	0,1 MW
FR-DE	Nomination	Daily	A01	10YDOM-REGION-1V	A01	A04	A06 (A03 if shadow explicit auction)	Found in TSO CS RD (or JAO RD if shadow auction)	10YDE- RWENET---I or 10YDE- ENBW-----N	10YFR-RTE-- ----C	AtoA	0,1 MW



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Oriented Border	Type of nomination	Type of Capacity	Contract Type	Domain	Process Type	Object Aggregation	Business Type	Capacity Agreement Identification	In Area	Out Area	Counterparty Rule	Nomination Granularity
DE-FR	Nomination	Daily	A01	10YDOM-REGION-1V	A01	A04	A06 (A03 if shadow explicit auction)	Found in TSO CS RD (or JAO RD if shadow auction)	10YFR-RTE-- ----C	10YDE-RWENET---I or 10YDE-ENBW-----N	AtoA	0,1 MW
FR-CH	Nomination	Yearly	A04	10YDOM-CH-FR--W	A12	A04	A03	Found in JAO RD	10YCH-SWISSGRIDZ	10YFR-RTE-- ----C	AtoA	0.1 MW
FR-CH	Pre-Nomination	Yearly	A04	10YDOM-CH-FR--W	A12	A03	A03	Not used	10YCH-SWISSGRIDZ	10YFR-RTE-- ----C	AtoA	0.1 MW
FR-CH	Nomination	Monthly	A03	10YDOM-CH-FR--W	A12	A04	A03	Found in JAO RD	10YCH-SWISSGRIDZ	10YFR-RTE-- ----C	AtoA	0.1 MW
FR-CH	Pre-Nomination	Monthly	A03	10YDOM-CH-FR--W	A12	A03	A03	Not used	10YCH-SWISSGRIDZ	10YFR-RTE-- ----C	AtoA	0.1 MW
FR-CH	Nomination	Daily	A01	10YDOM-CH-FR--W	A01	A04	A03	Found in JAO RD	10YCH-SWISSGRIDZ	10YFR-RTE-- ----C	AtoA	0.1 MW



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Oriented Border	Type of nomination	Type of Capacity	Contract Type	Domain	Process Type	Object Aggregation	Business Type	Capacity Agreement Identification	In Area	Out Area	Counterparty Rule	Nomination Granularity
FR-CH	Pre-Nomination	Daily	A01	10YDOM- -CH-FR-- W	A01	A03	A03	Not used	10YCH- SWISSGRIDZ	10YFR-RTE-- ----C	AtoA	0.1 MW
CH-FR	Nomination	Yearly	A04	10YDOM- -CH-FR-- W	A12	A04	A03	Found in JAO RD	10YFR-RTE-- ----C	10YCH- SWISSGRIDZ	AtoA	0.1 MW
CH-FR	Pre-Nomination	Yearly	A04	10YDOM- -CH-FR-- W	A12	A03	A03	Not used	10YFR-RTE-- ----C	10YCH- SWISSGRIDZ	AtoA	0.1 MW
CH-FR	Nomination	Monthly	A03	10YDOM- -CH-FR-- W	A12	A04	A03	Found in JAO RD	10YFR-RTE-- ----C	10YCH- SWISSGRIDZ	AtoA	0.1 MW
CH-FR	Pre-Nomination	Monthly	A03	10YDOM- -CH-FR-- W	A12	A03	A03	Not used	10YFR-RTE-- ----C	10YCH- SWISSGRIDZ	AtoA	0.1 MW
CH-FR	Nomination	Daily	A01	10YDOM- -CH-FR-- W	A01	A04	A03	Found in JAO RD	10YFR-RTE-- ----C	10YCH- SWISSGRIDZ	AtoA	0.1 MW
CH-FR	Pre-Nomination	Daily	A01	10YDOM- -CH-FR-- W	A01	A03	A03	Not used	10YFR-RTE-- ----C	10YCH- SWISSGRIDZ	AtoA	0.1 MW



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Oriented Border	Type of nomination	Type of Capacity	Contract Type	Domain	Process Type	Object Aggregation	Business Type	Capacity Agreement Identification	In Area	Out Area	Counterparty Rule	Nomination Granularity
FR-ES	Nomination	Long-Term	A06	10YDOM- -ES-FR— D	A12	A04	A03	Found in JAO RD	10YES-REE-- ----0	10YFR-RTE-- ----C	AtoB	1 MW
FR-ES	Pre-Nomination	Long-Term	A06	10YDOM- -ES-FR— D	A12	A03	A03	Not used	10YES-REE-- ----0	10YFR-RTE-- ----C	AtoB	1 MW
FR-ES	Nomination	Daily	A01	10YDOM- -ES-FR— D	A01	A04	A06 (A03 if shadow explicit auction)	Found in TSO CS RD (or JAO RD if shadow auction)	10YES-REE-- ----0	10YFR-RTE-- ----C	AtoB	0.1 MW
ES-FR	Nomination	Long-Term	A06	10YDOM- -ES-FR— D	A12	A04	A03	Found in JAO RD	10YFR-RTE-- ----C	10YES-REE-- ----0	AtoB	1 MW
ES-FR	Pre-Nomination	Long-Term	A06	10YDOM- -ES-FR— D	A12	A03	A03	Not used	10YFR-RTE-- ----C	10YES-REE-- ----0	AtoB	1 MW





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Oriented Border	Type of nomination	Type of Capacity	Contract Type	Domain	Process Type	Object Aggregation	Business Type	Capacity Agreement Identification	In Area	Out Area	Counterparty Rule	Nomination Granularity
ES-FR	Nomination	Daily	A01	10YDOM- -ES-FR-- D	A01	A04	A06 (A03 if shadow explicit auction)	Found in TSO CS RD (or JAO RD if shadow auction)	10YFR-RTE-- ----C	10YES-REE-- ----0	AtoB	0.1 MW
FR-IT	Nomination	Long-Term	A06	10YDOM- -FR-IT-- Q	A12	A04	A03	Found in JAO RD	10YIT- GRTN-----B	10YFR-RTE-- ----C	AtoN	1 MW
FR-IT	Pre-Nomination	Long-Term	A06	10YDOM- -FR-IT-- Q	A12	A03	A03	Not used	10YIT- GRTN-----B	10YFR-RTE-- ----C	AtoN	1 MW
FR-IT	Nomination	Daily	A01	10YDOM- -FR-IT-- Q	A01	A04	A06 (A03 if shadow explicit auction)	Found in TSO CS RD (or JAO RD if shadow auction)	10YIT- GRTN-----B	10YFR-RTE-- ----C	AtoN	1 MW
IT-FR	Nomination	Long-Term	A06	10YDOM- -FR-IT-- Q	A12	A04	A03	Found in JAO RD	10YFR-RTE-- ----C	10YIT- GRTN-----B	AtoN	1 MW



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Oriented Border	Type of nomination	Type of Capacity	Contract Type	Domain	Process Type	Object Aggregation	Business Type	Capacity Agreement Identification	In Area	Out Area	Counterparty Rule	Nomination Granularity
IT-FR	Pre-Nomination	Long-Term	A06	10YDOM- -FR-IT-- Q	A12	A03	A03	Not used	10YFR-RTE-- ----C	10YIT- GRTN-----B	AtoN	1 MW
IT-FR	Nomination	Daily	A01	10YDOM- -FR-IT-- Q	A01	A04	A06 (A03 if shadow explicit auction)	Found in TSO CS RD (or JAO RD if shadow auction)	10YFR-RTE-- ----C	10YIT- GRTN-----B	AtoN	1 MW

**FIN DU DOCUMENT**