GIPSE Portal User Manual
TERRE Panels

Version 1.0

This document is the user manual of the TERRE panels of RTE's GIPSE portal.

These panels allow the entry of the declarations necessary for participation in the standard RR product platform.

CONTENTS

1.   INTRODUCTION

1.1   Presentation of the document

This document is the user manual for the TERRE panels of RTE's GIPSE portal, which allows Balancing Service Providers and Scheduling Agents to make the necessary declarations for Balancing Entities (EDAs) to participate in the standard RR product platform.

Chapter 2 contains a general presentation: access to the portal and services offered to date by the portal.

Chapter 3 allows the user quickly to take control of the portal. It describes the general summary panel and the major lines of the main menus.

Chapter 4 provides an in-depth overview of all the functions mentioned in Chapter 2. For each function, the description of all the elements of the HMI and the description of the actions to achieve the desired function are presented.

1.2   Definitions

The purpose of this paragraph is to recall the definition of the terms used in this document, in order to remove any ambiguities that may arise from misinterpretation.

Nevertheless, the full and enforceable definitions remain those in §1 "Definitions" of Section I of the RTE's "Terms and Conditions relating to Scheduling, Balancing Mechanism and Recovery of Balancing Expenses", as they are currently in force.

EDA (Balancing Entity): A basic balancing unit, consisting of one or more Generation Units and/or one or more Sites or Exchange Points, capable of responding to a request from RTE to inject or extract a given amount of power on the Network over a given period, in order to meet the balancing needs of the transmission system.

EDP (Scheduling Entity): A basic unit of scheduling corresponding to one or more Generation Units, for which a Forecast Dispatch Schedule is established by a Scheduling Agent.

PA (Forecast Dispatch Schedule): In the case of facilities connected to the transmission grid or connected to the distribution grid participating in the Balance Mechanism, a Forecast Dispatch Schedule is the set of five power time series established with a resolution of five, fifteen or thirty minutes by a Scheduling Agent on D-1 for day D and possibly modified by Redeclarations accepted on D, including, for an EDP, information concerning its forecast:

- active power;

- Participation in the Frequency Containment Reserve Upward;

- Participation in the Frequency Containment Reserve Downward;

- Participation in the Secondary Automatic Frequency Restoration Reserve Upward;

- Participation in the Secondary Automatic Frequency Restoration Reserve Downward.

PM (Final Dispatch Schedule): For an EDP, the Final Dispatch Schedule is a five-fold power chronicle to be followed by the EDP and corresponds to the first Forecast Dispatch Schedule received for this EDP a day ahead modified by possible Redeclarations of Forecast Dispatch Schedules accepted by RTE and/or Redeclarations of performance and technical constraints and/or Activations of Balancing Bids by RTE and/or Orders for Immediate Execution.

For a set of non-EDP Sites belonging to an EDA, the Final Dispatch Schedule is a five-fold power time series to be followed by this set of Sites and corresponds to the expected power variations following the Activations of Balancing Bids by RTE and/or Orders for Immediate Execution.

2.   GENERAL PRESENTATION OF THE PORTAL

2.1   The Portal

The TERRE panels are the first services offered by the RTE's GIPSE portal. They are the entry point for Scheduling Agents and Balancing Service Providers to:

- declare the resolution of the Forecast Dispatch Schedule;

- declare EDAs and, if relevant, EDPs for which a Final Dispatch Schedule will be referred to RTE;

- declare EDAs participating in the RR standard product platform. Any declaration made after the TERRE GoLive will be valid for a Qualification Request to the standard RR product.

The opening range of the GIPSE RTE portal is 24/7.

2.2   Portal Access

In a test environment

RTE provides the GIPSE portal for its clients at**:**

 https://secure-apps-dev.iservices.rte-france.com/gipse

Client authentication is based on the use of pre-generation PKI certificates.

Requests for new certificates and requests for the addition of the GIPSE role to existing certificates (Topase, SyGA, etc.) should be addressed to: rte-dsit-gipse@rte-france.com

In a generation environment

RTE makes the GIPSE portal available to its customers at the address indicated in §10 "Summary of Exchange and Transmission Channels" of the "Guide for the Implementation of Exchange of Data with RTE for the management of perimeters, the performance control and the demand response compensation payment under the balancing mechanism", enforceable version.

Client authentication is based on the use of generation PKI certificates.

Requests for new certificates are to be made in the RTE Client Portal.

Requests to add the GIPSE role to existing certificates (Topase, SyGA, etc.) should be addressed to: rte-dsit-gipse@rte-france.com

3.   FAMILIARISATION WITH THE APPLICATION

This chapter will allow the user to quickly take control of the portal and to understand the essentials of its menus.

3.1   The SUMMARY menu

Following identification on the portal, the SUMMARY panel appears. It gives an overall view of the EDAs that may or may not participate in the standard RR platform.

The following information is displayed on the SUMMARY panel:
- The customer's IEC code,
- The customer's service provider code,
- The customer's role(s),
- The FR or EN icon: this icon allows you to choose the display language (English or French). You can switch from one language to another by clicking on this icon.
- Application Date: this is the refresh date of the data displayed in this panel. Choose a date to display the EDA/EDP statuses on the selected date.
- Balancing Entities column: list of EDAs at the customer's perimeter.
  The icon > appears at the EDA level composed of EDPs. Click on this icon to display the EDPs that make up the EDA
- Declaration of Participation column: This column displays at each EDA level the status of the statements that have been made about whether or not this EDA should be included in the standard RR platform. After the TERRE GoLive, these participation statements will also be valid for the Qualification request. This column will allow the customer to view the proper acceptance of his request for Qualification.
- Final Dispatch Programme Return column enabled: This column displays information about whether PMs are returned from an EDA or EDP.
    - ➢ In the case of an EDA consisting of EDPs, the Final Dispatch Schedule return declaration must be made at the level of each EDP constituting the EDA.
- PA Resolution Column: This column indicates whether a 5-minute PA resolution step has been reported at the EDP level.
    - ➢ An EDA is considered to be schedule-based at 5 minute steps if and only if all EDPs forming the EDA are reported with a schedule of 5-minute resolution.
    - ➢ For non-EDP EDAs, a hyphen appears indicating that no PA resolution declaration is expected.
- Qualification Tracking Column: This column displays the state of qualification of the EDAs, whether that qualification is the result of automatic qualification or an explicit request for Qualification, in accordance with the two methods set out in the Terms and Conditions.
- TERRE aptitude column: This column displays the EDA's final ability to participate in the RR standard product platform. It is inferred from previous ones. In the end, an EDA is able to participate in the standard RR product platform if and only if the following conditions are met:
    - ➢ For an EDA consisting of EDPs: declaration is made of participation in the standard RR product platform, the Final Dispatch Programme Return is activated on each EDP constituting the EDA, the PA resolution is declared

at 5 minutes for each of these EDPs, the qualification of the EDA is validated by RTE.

  ➢ For an EDA not consisting of EDPs: the declaration is made of participation in the standard RR product platform, the Final Dispatch Programme Return is activated at the EDA level, the EDA qualification is validated by RTE.

- The Action column allows you to amend declarations at an EDA/EDP level. These actions are detailed in the following chapters.

Figure 1: TERRE Portal SUMMARY Menu

3.2   TERRE PARTICIPATION Menu

The TERRE Participation menu allows you to amend the declaration of participation of an EDA in the standard RR product platform. The start date of the amendment is no earlier than two days after the current day (current day + 2 days). This menu allows you to make grouped declarations on several EDAs.

3.3   FINAL DISPATCH PROGRAMME menu

The Final Dispatch Programme menu allows you to amend the Final Dispatch Programme Return declaration for one or more EDPs/EDAs. The start date of the amendment is no earlier than two days after the current day (current day + 2 days). This menu allows you to make grouped declarations on several EDPs/EDAs.

3.4   The RESOLUTION PA menu

The PA Resolution menu allows you to amend the scheduling interval declaration of the Forecast Dispatch Schedule for one or more EDPs. The start date of the amendment is at the earliest the current day + 8 days. This menu allows you to make grouped declarations on several EDPs.

3.5   Search Engine

The search engine allows the user to search for entities. It is present on all HMIs. The search is done at the EDA level for the Summary menu, the TERRE Participation menu and the Final Dispatch Programme menu. The search is at the EDP level for the PA Resolution menu.

The user makes an entry and then clicks on the "magnifying glass" icon or validates the entry with the enter key.

A tab showing the character string entered appears next to the search engine and the table only displays the search entries, i.e., the character string entered.

Click the button ✖ to disable the search.

4.   FUNCTIONS IN DETAIL

4.1   Feature for the Scheduling Agent

The TERRE panels allow a Scheduling Agent to do the following: Amend the resolution of the Forecast Dispatch Schedule of the EDPs and EDPextraction within its perimeter.

4.1.1 <PA RESOLUTION> Menu

4.1.1.1   Change the resolution of the Forecast Dispatch Schedule for an EDP or EDPextraction

Figure 2: < PA RESOLUTION > Menu

Step 1:   click the < PA RESOLUTION > menu,

Step 2: choose an EDP or EDPextraction and click the icon ✏ in the <Action> column,

Step 3:   a window appears, allowing you to amend the PA resolution.

Step 4: change the PA resolution to 5 minutes, 15 minutes or 30 minutes,

Step 5: specify the date of application. This date is at the earliest the current day + 8 days,

Step 6: click <Validate>.

4.1.1.2   Consolidated amendment of the resolution of the Forecast Dispatch Schedule of several EDPs and EDPextractions

Step 1:   click the < PA RESOLUTION > menu,

Step 2:   tick the EDPs/EDPextractions where you want to change the resolution of the Forecast Dispatch Schedule,

Step 3:   click <Change PA Resolution>,

Step 4:   a confirmation message appears, specifying the number of entities selected.

Step 5:   choose the resolution interval and specify the date of application. This date is at the earliest the current day + 8 days,

Step 6:   click <Validate>.

4.2   Features for the Balancing Service provider

The TERRE panels allow a Balancing Service provider to:

- For EDAs within its scope and consisting of EDPs:
  - o amend the participation of EDAs in the standard RR product platform,
  - o amend the state of return of the final dispatch schedules of EDPs constituting the EDA
  - o amend the resolution of the EDP forecast dispatch schedules constituting the EDA

- For EDAs within its scope and not composed of EDPs:
  - o amend the participation of EDAs in the standard RR product platform,
  - o amend the state of return of EDA final dispatch schedules

They also provide access to the EDA qualification status and its final ability to participate in the standard RR product platform.

Note that, if the Balancing Service provider has an EDA consisting of EDPs, it is necessarily the Scheduling Agent for these EDPs, and therefore has the authority to enter changes at the level of these EDPs through the menus described below.

4.2.1   <TERRE PARTICIPATION> Menu

4.2.1.1   *Amendment of the participation of an EDA in the Standard RR Product Platform*

The <TERRE PARTICIPATION> menu also allows participation in the standard RR product platform to be modified by one EDA at a time.

Figure 3: <TERRE PARTICIPATION> Menu

Step 1:   click the < TERRE PARTICIPATION > menu,

Step 2:   choose an EDA and click the icon ✏️ in the <Action> column,

Step 3:   a window appears, allowing you to enter the amendment.

Step 4:   amending participation in TERRE,

Step 5:   specify the date of application. This date is at the earliest the current day +2 days,

Step 6:   click <Validate>.

4.2.1.2   Grouped declaration for several EDAs of participation in the Standard RR Product Platform

Step 1:   click the <TERRE PARTICIPATION> menu,

Step 2:   tick the EDAs that wish to participate in the standard RR product platform,

Step 3:   click <Enable participation in TERRE>,

Step 4:   a confirmation message is displayed specifying the number of EDAs selected.
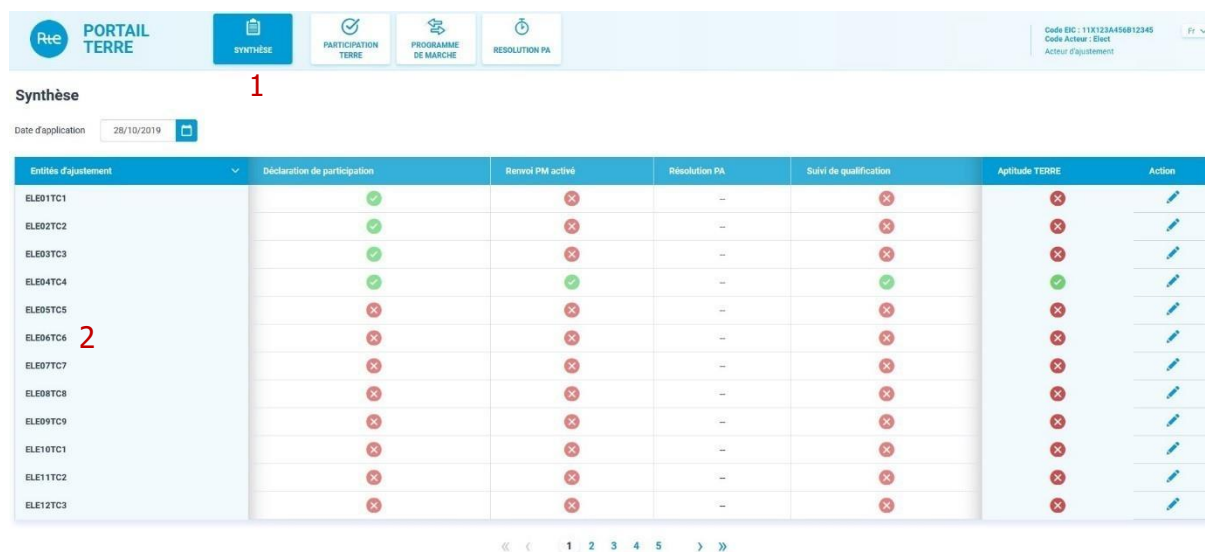

Step 5:   specify the date of application. This date is at the earliest the current day + 2 days,

Step 6:   click <Validate>.

Do the same with the <Disable participation in TERRE> button to declare the end of participation in the TERRE platform, from a certain date, of a set of EDAs.

4.2.2   <FINAL DISPATCH SCHEDULE> Menu

4.2.2.1   *Change the Final Dispatch Programme Return of a single EDA/EDP*

Figure 4: <FINAL DISPATCH SCHEDULE> Menu

Step 1:   click the < FINAL DISPATCH SCHEDULE > menu,

Step 2: choose an EDA/EDP and click the icon ✏️ in the <Action> column,

Step 3: a window appears, allowing you to amend the Final Dispatch Programme Return.

Step 4:   amend Final Dispatch Programme Return,

Step 5:   specify the date of application. This date is at the earliest the current day + 2 days,

Step 6:   click <Validate>.

Do the same with the <Deactivate Final Dispatch Programme Return> button to deactivate, from a certain date, the Final Dispatch Programme Return of an EDP/EDA.

14

4.2.2.2   Consolidated amendment of the state of return of EDP/EDA final dispatch schedules

Step 1:   click the < FINAL DISPATCH SCHEDULE > menu,

Step 2:   tick multiple EDAs/EDPs that will return PMs,

Step 3:   click <Enable Final Dispatch Programme Return>,

Step 4:   a confirmation message appears, specifying the number of EDAs/EDPs selected to enable the Final Dispatch Programme Return,

Step 5:   specify the date of application. This date cannot be earlier than the current day + 2 days,

Step 6:   click <Validate>,

Do the same with the button <Turn off Final Dispatch Programme Return> to deactivate, from a certain date, the Final Dispatch Programme Return of a set of EDPs/EDAs.

4.2.3   < SUMMARY > Menu

4.2.3.1   Amend the statuses of an EDA not consisting of EDPs
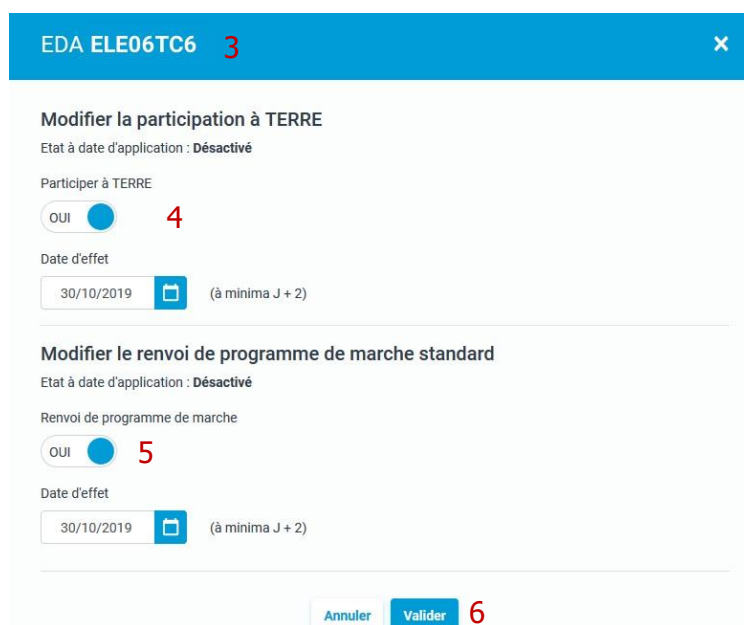
Step 1:   click the < SUMMARY > menu,

Step 2:   choose an EDA that is not made up of EDPs and click the icon ✏️ in the <Action> column,

Step 3:   a window appears, allowing you to amend participation in TERRE and the Final Dispatch Programme Return,

Step 4:   amend participation in TERRE and specify the date of application (at the earliest current day + 2 days),

Step 5:   amend the Final Dispatch Programme Return and specify the date of application (at the earliest current day + 2 days),

Step 6:   click <Validate>.

4.2.3.2   Amend the statuses of an EDA consisting of EDPs

Step 1:   click the < SUMMARY > menu,

Step 2:   choose an EDA consisting of EDPs and click the icon ✏ in the <Action> column,

Step 3:   a window appears, allowing you to amend participation in TERRE,

Step 4:   amend participation in TERRE and specify the date of application (at the earliest current day + 2 days),

Step 5:   click <Validate>.

17

4.2.3.3   Edit the statuses of an EDP that is part of an EDA

Step 1:   click the <SUMMARY> menu,

Step 2:   choose an EDP and click the icon ✏️ in the <Action> column

Step 3:   a window appears, allowing you to change the PA precision and Final Dispatch Programme Return.

Step 4:   amend the PA accuracy and application date (at the earliest the current day + 8 days),

Step 5:   amend the Final Dispatch Programme Return and specify the date of application (at the earliest the current day + 2 days),

Step 6:   click <Validate>.