Le réseau de transport d'électricité

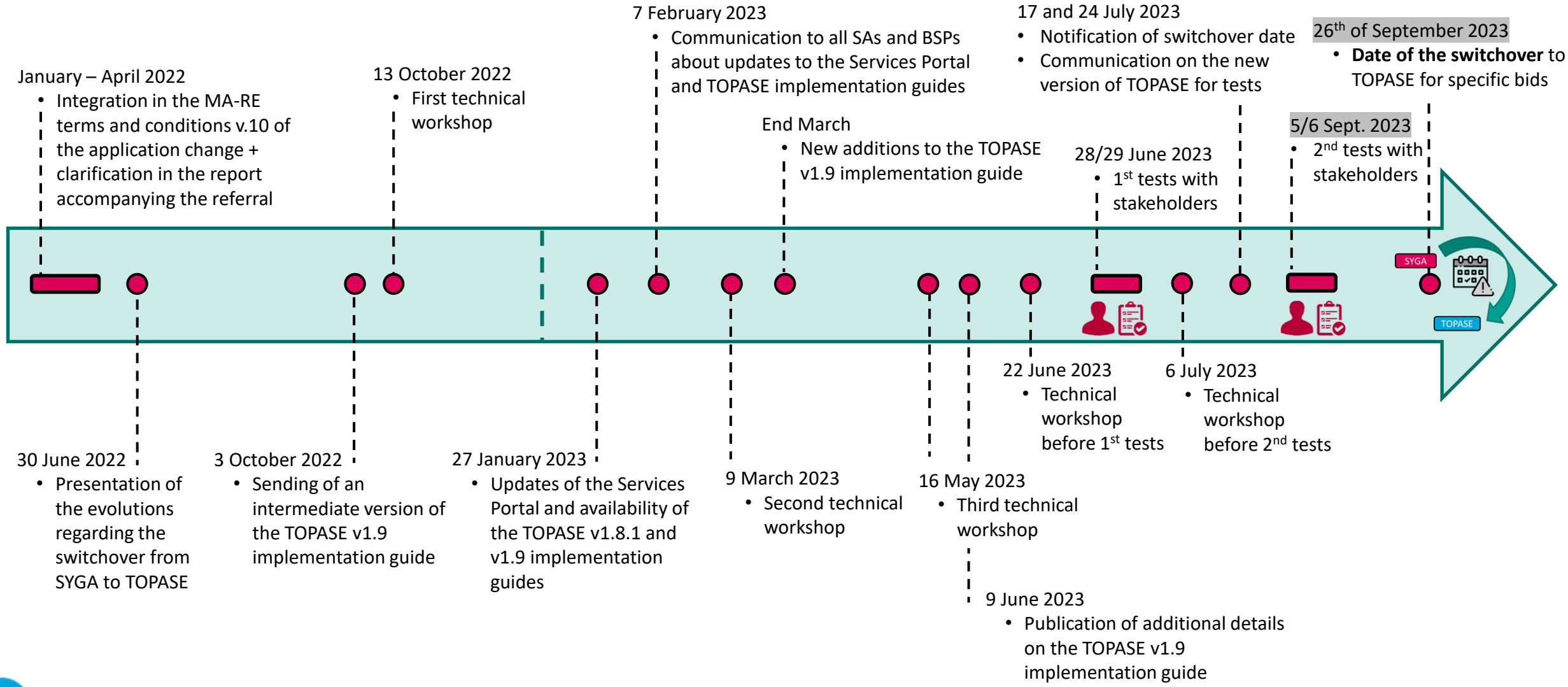
SYGA-TOPASE switchover
Second “stakeholder" test phase

5th and 6th September 2023

for:
- balancing service providers
- scheduling agents

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Indicative schedule for the switchover from SYGA to TOPASE



Schedule of the test days - TOPASE

Tuesday 5 September

focus on D-1 balancing process

9:00-9:30 am : Teams channel opens (in French)
9:30-10:00 am : Teams channel opens (in English)

- Presentation of communication rules, the day's schedule and the testing procedures

Wednesday 6 September

focus on ID balancing process

Teams channel to enable a discussion during both days and to answer technical questions.

https://secure-apps-dev.iservices.rte-france.com/topase-api/api/v1/documents/specific-offers

API

GUI

Tests to be carried out by stakeholders before the 4:30 p.m. gateway, in accordance with the test description document used during the first testing phase (can also be submitted to SYGA for pre-production).

Tests carried out by stakeholders at the various gates indicated in the test description document used during the first testing phase (possibility of sending orders via TAO in pre-production)

API

GUI

Tests are carried out in a pre-production environment that is totally separate from the actual production environment. No interference with the actual adjustment mechanism (including tests on adjustment order dispatches).

5:00 pm (in French) : first tests conclusion meeting
5:30 pm (in English)

5:00 pm (in French) : second tests conclusion meeting
5:30 pm (in English)

Test follow-up survey

Thank you for completing this survey, which will enable you to follow the progress of your tests and provide any relevant information to resolve any anomalies !

You will be able to download your answers and use them for any further technical discussions you may have with RTE teams. You will be able to update your answer until September 15th.

Test follow-up survey : https://forms.office.com/e/9QXZuS0hz3



Rules to respect and modalities for the TOPASE testing session

Teams channel to enable a discussion during both days and to answer technical questions.

- Except for the opening and closing meetings, and only during the test day :
  - it is possible to ask written questions on the "Teams" chat, please specify before each question the stakeholder you represent, as well as the test on which you encounter a problem ;
  - unless explicitly requested by RTE, please keep your microphones on mute during the day.
- Please read the TOPASE implementation guide carefully, analyzing the problems you may encounter during your tests. This will enable us to focus on issues arising from more critical or difficult-to-identify anomalies.



General reminders to avoid recurring problems (see TOPASE implementation guide)



Always use .csv files, do not upload .xls files, do not open .csv files as .xls files.

Tests are carried out in a pre-production environment that is totally separate from the actual production environment. There is no interference with the actual balancing mechanism. RTE asks stakeholders to use the most realistic data possible for the simulated delivery day.

Optional tests

[Optional test with SYGA]

- Link to access the preproduction environment
  - https://portail-dev.services.rte-france.com/ajustement/Rte-pa-app/Home_nescape.jsp
- Necessity to get a PKI certificate in preproduction for SYGA
- IS rules published on the RTE Services Portal :
  - Participer au mécanisme d'ajustement - RTE Portail Services (services-rte.com)



[Optional test with TAO]

- Link to access the preproduction environment
  - https://portail-dev.iservices.rte-france.com/tao/
- Necessity to get a PKI certificate in preproduction for TAO
- IS rules published on the RTE Services Portal :
  - Participer au mécanisme d'ajustement - RTE Portail Services (services-rte.com)

RTE will attempt to send balancing orders on the basis of test bids submitted by players in the pre-production environment, as a test without interfering with the MA:

- between 3 and 4 pm on September 5
- between 2 and 3 pm on September 6

1 Scope of TOPASE "pre-production" version

SYGA-TOPASE switchover

Scope of TOPASE preproduction version

On the pre-production environment, the BSP can make their tests according to the available version of TOPASE.

Scope of the version currently available in the pre-production environment :



- Deposit of CT_PROD_1 to 4, CT_CE and offer files
- Deposit of CT_PROD_5
- Stabilized access to log messages
- Log messages formatting to reflect that of SYGA (but only gravity I and E)
- Timing of counters and distribution to the rest of the activation chain
- Improved board of specific offer (filtering, sorting)
- Improved reliability of consistency checks
- Modification/cancellation of offers within applicable deadlines
- Inability to submit CT_CE when an ID gate is closed
- Several bug fixes identified during testing (see next slide)
- Submission, modification and cancellation of start-up offers on ID (maximum package < €1000k)
- Enter specific offers in the GUI:
  - WARNING: Random automatic GUI update. Workaround: press "F5"

To view a complete perimeter, consult the implementation guide

Meanings:

- Scope of the first version in preproduction environment (since 21st April 2023)
- New functions with the second version in preproduction environment (since 21st June 2023)
- New functions with the third version in preproduction environment (since 21st July 2023) – complete version

Les corrections apportées depuis la dernière version

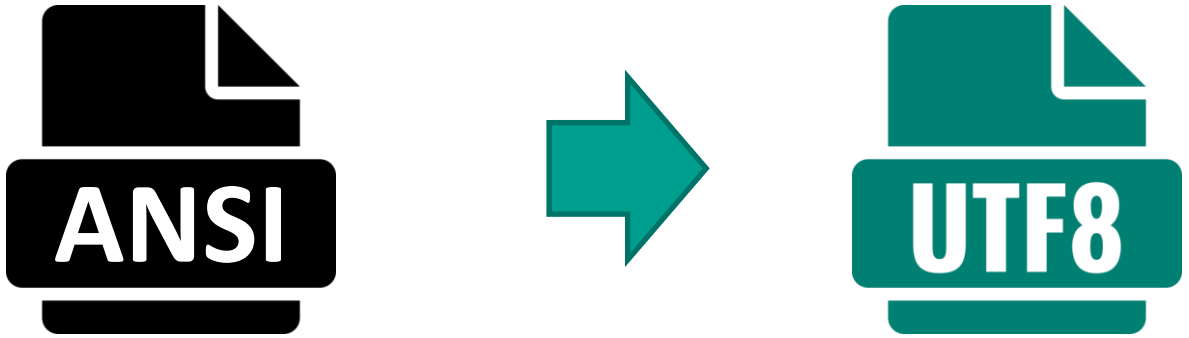
Corrections made by RTE following bugs identified during the tests of June :



- Offer price
  - Correction of price cap: €10k/MWh instead of €15k/MWh (cf. IG v1.9 TOPASE)
  - Correction of error message when price limit exceeded (no value to be written)
  - Correction of blocking limit on start-up package (maximum package < €1000k)
  - Enable price changes after 4:30pm on D-1 and on ID gates (see pencil icon on GUI)
- File cancellation
  - Allow several offers to be cancelled at the same time with one file (and not one by one)
  - Remove cancelled offers from exclusivity control exercised by the TOPASE application
- Respect of neutralization delay and price slot
  - Correct the control so as not to allow modifications in the operational window or during a price slot that has already begun
- Others
  - Set file validity start and end times in UTC time (not local time)
  - Prevent file deposit on GUI if type is not selected
  - Correct the BE identification problem in file CT_PROD_5

Important for your files

Do not send files encoded in ANSI but in UTF-8, as some elements may appear erroneous or unreadable to RTE.



2 Stakeholders' tests to prepare the switchover

SYGA-TOPASE switchover

2.1 List of the tests to be carried out

SYGA-TOPASE switchover

The test procedure is similar to the June test phase, but you can also carry out any additional tests you deem necessary.

Date to be used in the « stakeholders » tests - TOPASE



- For tests n°1, 2, 3 and 4 of the 5th September test day
  - The same data that will be used by the stakeholders, in real conditions, for the delivery day on Wednesday 6th September.
- For the test n°6 of the 5th September test day
  - The same data that will be used by the stakeholders, in real conditions, for the delivery day on Friday 8th September.
- For the tests n°8, 9, 10, 11, 12 and 13 of the 6th September test day
  - The same data used by the stakeholders, in real conditions, and if the test does not allow it, as close to reality as possible, for the delivery day of Wednesday 6th September.
- For the test n°14 of the 6th September test day
  - The same data as will be used by the stakeholders, in real conditions, and if the test does not allow it, as close to reality as possible, for the delivery day of Thursday 7th September.

Stakeholders' tests to prepare for TOPASE

Tuesday 5th Sept.

TEST 1

Optional test with SYGA

Submit **before the 4:30 pm gateway on September 5**, the files concerning all your specific offers **for the day of September 6**, as well as the conditions of use of these offers and the associated constraints.

- Depending on the files you use to participate in the balancing mechanism, the files to be submitted correspond to some or all of the following :
  - CT_CE
  - Offer
  - CT_PROD_1
  - CT_PROD_2
  - CT_PROD_3
  - CT_PROD_4
  - CT_PROD_5

For the CT_PROD_5 file, submit files before each of the two deadlines corresponding to the 12:30 and 4:30 pm gateways.

Stakeholders' tests to prepare for TOPASE

Tuesday 5th Sept.

TEST 2

Modify, **before the 4:30 pm gateway on September 5**, the files concerning one of your specific offers **for the day of September 6**, as well as the conditions of use of this offer and the associated constraints.

- Depending on the files you use to participate in the balancing mechanism, the files to be submitted correspond to some or all of the following :
  - CT_CE
  - Offer
  - CT_PROD_1
  - CT_PROD_2
  - CT_PROD_3
  - CT_PROD_4
  - CT_PROD_5 (by uploading a new file)

Stakeholders' tests to prepare for TOPASE

Tuesday 5th Sept.

TEST 3

Cancel, **before the 4:30 pm gateway on September 5**, the files concerning one of your specific offers (the one modified in test #2) **for the day of September 6**, as well as the conditions of use of this offer and the associated constraints.

- Depending on the files you use to participate in the balancing mechanism, the files to be submitted correspond to some or all of the following :
  - CT_CE
  - Offer
  - CT_PROD_1
  - CT_PROD_2
  - CT_PROD_3
  - CT_PROD_4

TEST 4

Recreate this offer and associated files, **before the 4.30 pm gateway on September 5**, for the day of **September 6**.

Stakeholders' tests to prepare for TOPASE

Tuesday 5th Sept.

TEST 5

Retrieve a "unit report" log message for files relating to the offer that has been submitted, modified, cancelled and then recreated in tests #1, #2, and #3.

TEST 6

Submit, **before the 4:30 pm gateway on September 5**, the files concerning your specific offers **for the day of September 8** as well as the conditions of use of these offers and the associated constraints.

- Depending on the files you use to participate in the balancing mechanism, the files to be submitted correspond to some or all of the following :
  - CT_CE
  - Offer
  - CT_PROD_1
  - CT_PROD_2
  - CT_PROD_3
  - CT_PROD_4
  - CT_PROD_5

TEST 7

Retrieve a "daily report" log message for the test day.

Stakeholders' tests to prepare for TOPASE

Wednesday 6th Sept.

TEST 8

Optional test with SYGA

Submit, **before the 10 am gate**, **to be taken into account from 11 am**, the files concerning your explicit specific offers **for the same day of September 6**, together with the conditions of use of these offers and the associated constraints.

- Depending on the files you use to participate in the balancing mechanism, the files to be submitted correspond to some or all of the following :
  - CT_CE
  - Offer

TEST 9

Optional test with SYGA

Submit, **before the 10 am gate**, **to be taken into account after 5 pm**, the files concerning your explicit specific offers **for the same day of September 6**, as well as the conditions of use of these offers and the associated constraints.

- Depending on the files you use to participate in the balancing mechanism, the files to be submitted correspond to some or all of the following :
  - CT_CE
  - Offer

Stakeholders' tests to prepare for TOPASE

Wednesday 6th Sept.

TEST 10

Modify, **before the 10 am gate**, **to be taken into account from 11 am**, the files concerning one of your specific offers **for the same day of September 6**, as well as the conditions of use of these offers and the associated constraints.

- Depending on the files you use to participate in the balancing mechanism, the files to be submitted correspond to some or all of the following :
  - CT_CE
  - Offer

TEST 11

Modify the price of an offer, on June 29, between the 10 am and 11 am gates, to be taken into account from 11 am, for the same day of September 6.

TEST 12

Modify the price of an offer, on June 29, between the 11 am and 12 am gates, to be taken into account from 1 pm, for the same day of September 6.

- The file for the tests 11 et 12 is the following :
  - Offer

Each test 11 et 12 should lead to a refusal of the modification.

Stakeholders' tests to prepare for TOPASE

Wednesday 6th Sept.

TEST 13

Cancel, **before the 10 am gate**, **to be taken into account from 11 am**, the files concerning one of your specific offers **for the same day of September 6**, as well as the conditions of use of these offers and the associated constraints.

- Depending on the files you use to participate in the balancing mechanism, the files to be submitted correspond to some or all of the following :
  - CT_CE
  - Offer

Stakeholders' tests to prepare for TOPASE

Wednesday 6th Sept.

TEST 14

Submit, **after** **the 4:30 pm gateway on September 6**, the files concerning your specific offers **for the day of September 7**, as well as the conditions of use of these offers and the associated constraints.

- Depending on the files you use to participate in the balancing mechanism, the files to be submitted correspond to some or all of the following :
  - CT_CE
  - Offer
  - CT_PROD_1
  - CT_PROD_2
  - CT_PROD_3
  - CT_PROD_4
  - CT_PROD_5

Indicative summary of expected tests with stakeholders

This indicative table gives an overview of the tests expected on TOPASE but does not include all the details and test options described in each test description. Each test description must be consulted to find out exactly what the scope of the test is and how it will be carried out.

You can also carry out any **additional tests** you deem necessary during these two dedicated days.

Tests	Jour de test	Echéance de test	Jour de livraison	Heure d'appli°	Action	Fichier concerné par le test						
						Offre	CT_CE	CT_PROD_1	CT_PROD_2	CT_PROD_3	CT_PROD_4	CT_PROD_5
Test 1	05/09	avant 16h30	06/09	-	Dépôt	oui	oui	oui	oui	oui	oui	oui
Test 2	05/09	avant 16h30	06/09	-	Modif.	oui	oui	oui	oui	oui	oui	oui
Test 3	05/09	avant 16h30	06/09	-	Annul.	oui	oui	oui	oui	oui	oui	non
Test 4	05/09	avant 16h30	06/09	-	Dépôt	oui	oui	oui	oui	oui	oui	non
Test 5	05/09	-	-	-	Info.	oui	oui	oui	oui	oui	oui	oui
Test 6	05/09	avant 16h30	08/09	-	Dépôt	oui	oui	oui	oui	oui	oui	oui
Test 7	06/09	-	-	-	Info.	oui	oui	oui	oui	oui	oui	oui
Test 8	06/09	avant 10h	06/09	11h	Dépôt	oui	oui	non	non	non	non	non
Test 9	06/09	avant 10h	06/09	17h	Dépôt	oui	oui	non	non	non	non	non
Test 10	06/09	avant 10h	06/09	11h	Modif.	oui	oui	non	non	non	non	non
Test 11	06/09	[10h-11h [	06/09	11h	Modif.	oui	non	non	non	non	non	non
Test 12	06/09	[11h-12h [	06/09	13h	Modif.	oui	non	non	non	non	non	non
Test 13	06/09	avant 10h	06/09	11h	Annul.	oui	oui	non	non	non	non	non
Test 14	06/09	après 16h30	07/09	-	Dépôt	oui	oui	oui	oui	oui	oui	oui

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