

# Short Term Auction for Reserves (“STAR”)

## Procedures and user manual

<b>Summary</b>	This manual explains the Rx short-term auction procedures and how to use the application STAR for the Rx-auctions.	
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**Disclaimer:** This document has no legal value and is established with the purpose to explain the STAR platform and procedure for ARPs. This document should always be aligned with the general framework for R3, R3 DP and Balancing rules. In case of mismatches, the General Framework agreement and Balancing rules prevail and are to be considered as valid reference.

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# 1 About Short-Term Auctioning

The total volume of the different services and a description of the services to be procured by ELIA is determined on a yearly basis and fixed in the "dossier volumes". In its decision (B)150717-CDC-1423 of July 17<sup>th</sup> 2015, the CREG approved the Volume Dossier for the required amount of ancillary services products for the year 2016.

The rules of repartition of the total procured volume by ELIA, between the different services and between long term and short term procurement, are described in the Balancing Rules<sup>1</sup> and approved by CREG. From 2014, short term procurement was introduced for primary and secondary reserves. The short term procurement has been enlarged to tertiary reserves in 2016. A short term procurement is defined in the balancing rules as a procurement for periods of maximum one month.

In order to enable short term auctioning, a new platform STAR was created. The objective of this user manual is to describe the procedures applicable for this platform.

It's critical that all resources that are technically able to provide reserves offer their available capacity on the short term market via STAR.

Short Term volumes for 2016 can thus be firmly confirmed as follows:

- 2016 Short Term Required Volume for a total R1 Symmetrical 200mHz reaction = **73 MW in BASE (=PEAK & L-OFFPEAK)**
- 2016 Short Term Required Volume for a total R2 Symmetrical reaction = **140 MW in BASE (=PEAK & L-OFFPEAK)**
- 2016 Short Term Required Volume for a total R3 Asymmetrical Upwards reaction = **70 MW in BASE (=PEAK & L-OFFPEAK)**

The above volumes are required in BASE, meaning both PEAK & L-OFFPEAK tariff periods<sup>2</sup>, and this for all monthly delivery periods during the year 2016.

For more information about product development and evolutions, please consult our website on: <http://www.elia.be/en/about-elia/Users-group/ad-hoc-taskforce-balancing>.

In the remainder of this document the following related topics to STAR can be found: bidding instructions, auction process & rules and a specific user manual. Based on the experience gained from the different auctions, the content of this document might be subject to change after discussion between the different stakeholders.

## 1.1 Requirements for participation to the Short term auction:

In general, a potential participant for the short-term procurement of the R1/R2/R3-reserve products as described in this document must prior to allowed participation:

- be a qualified supplier,
- have signed the necessary general framework agreement(s) for the respective services and
- must have adequate knowledge of the bidding instructions and tools (STAR) through a training given by Elia.

Elia will respect a reasonable time for implementation and signature of these documents in order to allow effective participation in a realistic and feasible time frame. The latter documents requiring signature prior to allowed participation can be obtained through a request via e – mail to [contracting\\_AS@elia.be](mailto:contracting_AS@elia.be)

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<sup>1</sup> <http://www.elia.be/en/products-and-services/balance/balancing-mechanism>

<sup>2</sup> See paragraph 2.2 "Bidding Sheet Assistance" for the definition of these tariff periods

## 2 Bidding sheet assistance & instructions

The purpose of this section is to help the bidders for each of the R1,R2 or R3-products, in order to make short term sourcing a success. However it is the bidders their own responsibility to bid enough volumes and combinations, it is key that they offer as many choices as reasonably possible in order for the most optimal combination to be found.

In the following subchapters, attention is spent in particular to the Products' modalities (§2.1 "Products modalities"), as well as to the concrete bidding instructions/obligations (§2.2 "bidding instructions/obligations").

### 2.1 Products modalities

Due to the product specificities, the auction for R1/R2 is held at the same moment. This allows to offer multiple reserve products (R1-product type, R2-up, R2-down) in a single offer (= 1 offer number = 1 horizontal line) if technically feasible, allowing division of fixed costs, if any, over either a bigger volume or over a longer period (peak, L-offpeak or base offers). The latter can be reflected in the price that is offered for a certain volume of the products, when these products are offered all at once.

### 2.2 Bidding instructions

#### 2.2.1 General bidding information

Elia is procuring the necessary volumes by combinatorial optimization, in order to guarantee optimal competition between all types of offers and least-cost selection.

In order to guarantee the existence and quality of a solution to the optimization problem, Elia should dispose of not only sufficient volumes but also as many offers as possible, on a wide variety of individual products (and if possible product combinations). Offering a variety of combinations, will improve the overall optimality of the global solution for each auction, and will also improve the reserve providers' chances of being selected. Not only will this improve Elia's chances to find an optimal solution and possibly avoid iteration & renegotiation, it will also improve the reserve provider's chances of being selected for a certain capacity bid.

For this purpose, section §2.2.2 provides bidding instructions for the short-term procurement of R1/R2 and section §2.2.3 summarizes binding bidding obligations for the short-term procurement of R3<sup>3</sup>.

#### 2.2.2 Concrete bidding instructions for R1/R2 as from delivery period December 2015

The following instructions are the minimum offerset expected by ELIA per product type. Submitting extra offers is allowed and encouraged.

The instructions are applicable for BASE offers only.

##### **Instructions regarding to the offered volume**

**Instuction 1 – Smallest offered volume:** The smallest offered volume should not exceed the volumes defined below in table 1. Capacity Bids for a smaller volume are allowed an encouraged.

The instruction applies for individual bids for all primary control power services and secondary control services as well as for combined offers R1 and R2.

**Instruction 2 – Volume increments:** When sorting the Capacity Bids in terms of offered volume, the difference between 2 Capacity Bids can be maximum the volumes as defined below in table 1 (maximum delta between 2 Capacity Bids)

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<sup>3</sup> For all information about the bidding obligations for the procurement of R3, we refer to Annex 1 of the General Framework.

	volume [MW]
<b>R1 200mHz</b>	14
<b>R1 100mHz</b>	6
<b>R1 Down</b>	6
<b>R1 Load</b>	6
<b>R2*</b>	24

Table 1

The instruction applies for individual bids for all primary control power services and secondary control services as well as for combined offers for R1 and R2. In case of combined offers for R1 and R2, the maximum increments should be respected for one product for all offers with the same amount of the other product:

- The increments of R2 should be respected for all offers with the same volume R1 (and the same service type)
- The increment of R1 with the same service type should be respected for all offers with the same volume R2.

**Instruction 3 – Base offer available:** When offering both in Peak and Long Offpeak, the Supplier should submit a BASE Capacity Bid, while remaining in respecting with the other instructions, for a volume that is at least minimum of the maximum volume offered in Peak and the maximum volume offered in Long Offpeak.

#### **Instructions regarding to the offered volume**

**Instruction 4 – Total cost check (for BASE offers):** The total cost (unit price \* volume) of the smallest volume that can be retained resulting from a Capacity Bid, should never exceed the total cost of the smallest volume that can be retained from a Capacity Bid with a larger offered volume.

The instruction applies for individual bids for all primary control power services and secondary control services as well as for combined offers for R1 and R2. In case of combined offers for R1 and R2, the check is performed while keeping the volume of one product constant and varying the volume of the other product.

#### **Example of instructions**

*Example instruction 1 & 2:* A Supplier with the technical potential of 30MW R1\_200mHz, 15MW R1\_100mHz and 35MW R2 is expected to submit following minimum offer set in terms of Volumes.

Other alternatives respecting the instructions are of course possible by offering a lower minimum offer or reducing the step between certain offers.

Offernumber	R1 [MW]	R1 Type	R2 [MW]
1	6	R1_100mHz	0
2	12	R1_100mHz	0
3	15	R1_100mHz	0
4	6	R1_100mHz	24
5	12	R1_100mHz	24
6	15	R1_100mHz	24
7	6	R1_100mHz	35
8	12	R1_100mHz	35
9	15	R1_100mHz	35
10	14	R1_200mHz	0
11	28	R1_200mHz	0
12	30	R1_200mHz	0
13	14	R1_200mHz	24

14	28	R1_200mHz	24
15	30	R1_200mHz	24
16	14	R1_200mHz	35
17	28	R1_200mHz	35
18	30	R1_200mHz	35

*Example instruction 4:*

For the offered volumes in the table below, the following should be respected:

- The total cost of offer 1 should not exceed the total cost of offer 2, and both offers should not exceed the cost of offer 3.
- The total cost of offer 4 should not exceed the total cost of offer 5 and both should not exceed the total cost of offer 6.
- The total cost of offer 1 should not exceed the total cost of offer 4.

Offernumber	R1 [MW]	R2 [MW]
1	6	24
2	6	46
3	6	69
4	12	24
5	12	40
6	12	60

***Important remarks***

Obviously, taking into account the exact underlying technical constraints behind the offers and the impact of such constraints on final offer prices, short-term auction participants may -and are encouraged to- propose alternative offers in addition to the above guidelines, which are best compliant from an economic perspective with their respective portfolio while respecting the spirit of the above bidding instructions. The final responsibility of providing sufficient useful bids remains with the short-term auction participants.

Bidding instructions for R1/R2 are not a binding obligation from the Bidder to Elia but are recognized as essential for the market functioning. All relevant information required to monitor how each Bidder has complied with the bidding instructions will be transferred to CREG.

**2.2.3 Concrete bidding obligations for R3 for delivery period as from 2016**

Besides the guarantee for Elia to be able to find the optimal solution, it's important to assure a level playing field for all suppliers. To allow Elia to achieve the latter the suppliers participating in a short term auction must respect the minimum 'bidding obligations' and should be aware of how capacity bids are treated by Elia (the auction rules) as defined in Annex 1C of the General framework for Tertiary Control by generators/ Dynamic Profile. In case of mismatches, the General Framework agreement prevails and is to be considered as valid reference.

The final responsibility of providing sufficient useful bids remains with the short-term auction participants.

***Combinability of Capacity Bids***

**All** capacity bids with tariff period BASE are considered as not combinable with other capacity bids with the tariff period BASE. Consequently, in BASE, a supplier should submit capacity bids for an increasing volume.

For all PEAK/LONG-OFF PEAK capacity bids, the supplier is free to set the combinability (or may not be combined with). It's allowed to submit capacity Bids for PEAK/LONG OFFPEAK that are combinable or not combinable with these BASE Capacity Bids.

### ***Obligations regarding the volumes to be offered (obligation 1, 2 and 3)***

The obligations described under obligations 1 and 2 are only applicable to BASE (tariff period) capacity bids. The following obligations are the minimum obligations to be respected for each product type. ELIA invites every supplier to submit more capacity bids in order to increase the possibility to be retained in the optimal selection.

**Obligation 1 – Smallest offered volume:** The smallest offered volume should not exceed following volumes:

- R3 Production: the  $P_{\min}$  of the unit with the second smallest  $P_{\min}$  listed in Annex 5 of the General Framework for Tertiary Control by generators.
- R3(DP): 10 MW for Short Term tenders.

Capacity Bids for a smaller volume are allowed and encouraged.

**Obligation 2 – Volume Granularity:** When sorting the capacity bids in terms of offered volume, the difference between 2 capacity bids can be maximum (maximum delta between 2 capacity bids) 10 MW for short term tenders.

**Obligation 3 – Base offer available:** When offering both in PEAK and LONG OFFPEAK, the supplier must submit a BASE capacity bid, while respecting the obligations below, for a volume that is at least minimum of the maximum volume offered in PEAK and the maximum volume offered in LONG-OFFPEAK.

**Consequences of non-respect:** In case a supplier does not respect the obligations, all his capacity bids for this product type will be rejected at gate closure time/deadline to submit capacity bids.

### ***Divisibility of Capacity Bids***

All<sup>4</sup> capacity bids with tariff period BASE are considered to be divisible between the offered volume and the capacity bid with the next smaller volume at the same unit price:

- For R3 Production: In case that there is no smaller capacity bid, the capacity bid is considered non divisible.
- For R3DP: In case that there is no smaller capacity bid, the capacity bid is considered divisible to 1MW.

The granularity of the divisibility is 1MW.

For all PEAK/LONG-OFFPEAK capacity bids, the supplier can make a capacity bid divisible or not. Divisible means that Elia can retain a volume between 1MW and the offered volume with a granularity of 1MW.

### ***Obligations regarding the total costs of Capacity Bids (obligation 4)***

**Obligation 4 – Total cost check:** For all BASE capacity bids: The total cost (unit price \* volume) of the smallest volume that can be retained resulting from a capacity bid, should never exceed the total cost of the smallest volume that can be retained from a capacity bid with a larger offered volume.

#### **Consequence of non-respect**

In case of a non-respect with obligation 4 - a smaller volume at more expensive in total cost – only the applicable Capacity Bid(s) will be rejected.

In case this lead to a non-respect with the obligations 1, 2 and/or 3 (regarding to the volume), the entire set of capacity bids will be rejected.

## 3 Auction Process & Rules

### 3.1 Auction process

The short term market reserve tendering is a month-ahead procurement process. The standard auction process consists out of the following steps:

- Bidders make offers;
- Elia validates the offers;
- Elia performs offer selection;
- Elia ends the auction.

#### 3.1.1 Standard business process for R1/R2 and R3

##### *Offer introduction*

From the 1<sup>st</sup> day of each month the bidder can start to make offers for the delivery period +1. The offers have to be introduced before GCT (Gate Closure Time). The GCT is determined by Elia and published on the website [elia.be](http://elia.be)>Grid data>Extranet for customers>Star.

When the auction is open, new offers can be introduced and already created offers can be modified or cancelled, regardless of their status. When a new offer is created and saved, it automatically has the status 'Received'.

For R3 offers, an automatic process is implemented to check if the offer set respects the binding bidding obligations (§2.2.3):

- If the offer set respects the bidding obligations, the status changes to 'Checked';
- If the offer set does not respect the bidding obligations, the status changes to 'Rejected' for all concerned offers (§2.2.3).

Each time the offer set for R3 is saved, an email is sent with a report of the latest offer set. In addition to this process, a report is sent each time the STAR user checks the respect of the bidding obligations for the offers of R3.

In addition, Elia manually checks feasibility and consistency of the Received offers; following this process, the status of an offer is changed to 'Accepted' or 'Rejected'. Rejection of an offer or a set of offers is limited to cases when:

- Such offer or group of offers shows manifest errors or inconsistencies, and after consultation of the bidder via the comment box;
- The bidding obligations (2.2.3) are not respected for R3 product types.

A log of this communication will be held at all times so that traceability is guaranteed. Short-term auction participants remain fully responsible for their offers. Bids are firm at GCT.

##### *Offer validation & selection*

After GCT, no new offers can be introduced, nor existing offers can be modified or cancelled. Elia accepts or rejects all offers which have not yet been validated (remaining offers with status received). Elia selects the optimal set of offers as described in subsection 3.2.

##### *End auction*

When Elia ends the auction, the status of the selected offers changes to "Retained". The status of the other offers remains unchanged (Accepted or Rejected).

All bidders receive an email to inform that the auction ended and can consult if and which of his offers have been retained in the Auction overview.

The aggregated and anonymous results are published on:

- <http://www.elia.be/en/grid-data/extranet-for-customers/Star>
- <http://www.elia.be/en/suppliers/purchasing-categories/energy-purchases/Ancillary-Services-Volumes-Prices>



### 3.1.2 Exceptional process for auction of R1/R2 (2<sup>nd</sup> Auction Round)

In exceptional cases, in which offer selection leads to a clear and flagrant suboptimal result, Elia has the possibility to launch a second round for the auction of R1/R2. This is to be seen as an additional auction round to the previous 1st auction. More specifically this means, all accepted auction bids from 1st auction round will be kept as-is and cannot be changed. Additional bids will be requested from all short-term participants before a GCT2 in an attempt to improve the global optimal result. The additional requested bids will mainly be based on the initial 1st auction bids, but now with adapted volumes, tariff periods, product combinations. Only the additional bids answering the specific request in Auction 2 will be accepted and hence completely new bids not addressing the specific request will be discarded.

In the subsequent text some parameters are first defined after which the specific triggers and modalities for opening a 2<sup>nd</sup> auction round are described.

#### *Definitions of equivalent symmetric volumes and prices*

To be able to compare the different bid prices and volumes on the same basis, Elia will calculate for each bid one equivalent symmetrical volume and price:

The equivalent symmetrical volume for the R1-product types can be calculated as follows:

- For symmetric R1-200mHz & R1-100mHz: the equivalent symmetrical volume is equal to the original offered volume;
- For asymmetric R1-up, R1-down: the equivalent symmetrical volume can be calculated by dividing the asymmetric volumes by 2.

The equivalent symmetrical price for the R1-product types can be calculated as follows:

- For symmetric R1-200mHz & R1-100mHz: the equivalent symmetrical price is equal to the original offered price;
- For asymmetric R1-up, R1-down: the equivalent symmetrical price can be calculated by multiplying the asymmetric price with 2.

The equivalent symmetrical volume for the R2-product types can be calculated as follows:

- For asymmetric R2-up & R2-down: the equivalent symmetrical volume is calculated by dividing the asymmetric volumes by 2

The equivalent symmetrical price for the R2-product types can be calculated as follows:

- For asymmetric R2-up & R2-down: the equivalent symmetrical price is calculated by multiplying the asymmetric price with 2.

- The equivalent symmetrical volume for 1 bid as a whole can be calculated by summing up the individual equivalent symmetrical volumes of each available offered product in the bid;
- The equivalent symmetrical price for 1 bid as a whole can be calculated by computing the weighted average of the equivalent symmetrical prices of each available offered product in the bid, using the equivalent symmetrical volumes of each available offered product in the bid as weighting factors;
- The equivalent symmetrical volume for a selection of bids can be calculated by summing up the individual equivalent symmetrical volumes of each bid in the selection;
- The equivalent symmetrical price for a selection of bids can be calculated by computing the weighted average of the equivalent symmetrical prices of each bid in the selection, using the Short Term Required Volumes as weighting factors.

When a component of a bid (product offered in a bid) or bid as a whole is partially selected by Elia, the volumes considered in the definitions above are the volumes selected instead of the volumes offered.

When the volumes of a bid are valid in a tariff period different from the BASE-period, the symmetrical equivalent volume is calculated in the same way as described above but an additional weighting pro-rata with the number of tariff hours w.r.t. the number of BASE tariff hours for the respective delivery period is applied.

## ***Opening criteria of auction round 2***

An auction 2 will be opened if and only if at least one of the following criteria is met:

- **Criteria 1: Offered volume satisfaction**

The offered volume for at least one of the individual products does not allow a selection of all the needed volumes.

- **Criteria 2: Selected volume satisfaction**

The equivalent symmetrical volume for the optimal selection for R1 and R2 after 1<sup>st</sup> auction round  $\geq$  **110%** \* the symmetrical volume demand for both products <sup>(1)</sup>.

- **Criteria 3: Selection Price satisfaction:**

The equivalent symmetrical price of at least one bid in the optimal selection after 1<sup>st</sup> auction round  $\geq$  **150%** \* the equivalent symmetrical price for the optimal selection after 1<sup>st</sup> auction round.

The GCT2 is determined by Elia and –if opened for a certain delivery period- published on the website elia.be>grid data>extranet for customers>Star.

As is the case for Auction Round 1, when a new offer is created and saved it automatically obtains the status 'Received'. Elia manually checks the received offers; following this process, the status of an offer is changes to 'Accepted' or 'Rejected'. In the second round new offers that are not a response to a request made by Elia will be rejected. Elia will specify the reason of rejection in the comment box.

In Auction Round 2, offers can only be modified if their status is 'Received'. Elia will again select the additional optimal set of offers among all Accepted offers.

Short-term auction participants remain fully responsible for their offers. Bids are firm at GCT.

## **3.2 Method of optimal bid selection & Award Criteria**

The selection method & award criteria, as described in annex 1 of the general framework, for offers received via the short-term auction has as goal to achieve a minimal total reservation procurement cost, while at least the minimum requested volumes are satisfied for respectively both R1, R2 and R3-products, and respecting the constraints specific to each offer and each set of offers received.

Given the combinatorial complexity and hence the large number of possible combinations between all bids, an optimization algorithm is used which evaluates all possible combinations in an automated manner, which would manually be impossible to perform in a reasonable time and accurate way. The selected optimization practice is that of mixed-integer linear programming, in which a certain goal-function, in the case the total reservation procurement costs in €, is chosen and minimized, subject to problem-specific constraints. These constraints are auction specific and are explained for the auction of R1/R2 and subsequently for the auction of R3.

This practice has as benefit that a global optimal solution can be attained, within the problem-specific constraints, provided of course such a solution exists.

Using a commercial solver-software package XPRESS, developed and aligned with an expert company in the field of optimization the above mixed integer linear programming problem is solved. The tailor-made solver will go through the global solution space in an intelligent way to finally retain the most optimal solution.

### **3.2.1 Constraints for R1/R2**

- Respecting the different R1-products and their characteristics so that sufficient R1-volumes are retained to have a compliant overall reaction across the required frequency distribution spectrum i.e. [-200mHz, +200mHz].

- Since the R1-200mHz (standard) - product can be procured cross- border, contractual and operational<sup>5</sup> sourcing limits between neighboring TSO's must be respected. The current contractual agreement between RTE and Elia specified the following limitations: 70MW is the maximum sourcing limit, whereas at the same time a limit is imposed based on the varying total R1-demand for Belgium i.e. an additional cap is in place where Belgium may maximally contract 70% of its R1-total demand. In addition, the cross border exchange with France is subject to agreement from ENTSO-E based on an operational analysis.
- In order to make a fair trade-off between domestic and cross border offers, Elia must currently pay reconstitution costs applied by & agreed contractually with RTE on the FR-BE border, which equal 0,487 €/MW/h (start date to be confirmed for 2016) and which are taken into account during the optimization of the total reservation procurement costs.
- Volumes offered for multiple products (all R1-product-types, R2\_up, R2\_down) on the same horizontal offer line are of the 'all-or-nothing' type. In case a certain offer line is selected, all volumes of the different offered products must be chosen and not just 1 product of choice.
- One or more volumes offered via one horizontal offer line can be divisible or indivisible. If the volume is given to be indivisible, this means either the entire volume should be taken or none at all.
- One can indicate whether an offer line may or may not be combined with other offer lines. This can be indicated via the column 'may-not-be-combined-with'. In case this column is not filled in, this offer will be considered as combinable with all other filled-in offer lines.
- Each offer line has a valid tariff period; meaning the offered volume is only valid in the respective tariff period.
- The final selected offer lines and hence volumes must cover at least the minimum volume pursued for both R1/R2\_products in each tariff period for the respective delivery period.

In the unlikely case an alternative optimum exists, the following criteria will successively be applied to determine the solution: 1) maximize overall retained volume 2) maximizing the number of retained Bidders 3) maximizing the equal distribution of the overall volume demand amongst all retained Bidders.

### 3.2.2 Constraints for R3

- A volume offered via one horizontal offer line can be partially divisible<sup>6</sup> (BASE capacity bids), divisible or indivisible<sup>7</sup> (for PEAK and LONG-OFF PEAK capacity bids).
- All capacity bids with tariff period BASE are considered as not combinable with other capacity bids with the tariff period BASE. Consequently, in BASE, a supplier should submit capacity bids for an increasing volume. This can be indicated via the column 'may-not-be-combined-with'.
- For all PEAK/LONG-OFF PEAK capacity bids, the supplier can indicate whether an offer line may or may not be combined with other offer lines via the column 'may-not-be-combined-with'. It's allowed to submit capacity Bids for PEAK/LONG OFFPEAK that are combinable or not combinable with BASE Capacity Bids. In case this column is not filled in, this offer will be considered as combinable with all other filled-in offer lines.
- Each offer line has a valid tariff period; meaning the offered volume is only valid in the respective tariff period.
- The final selected offer lines and hence volumes must cover at least the minimum volume pursued for R3\_products in each tariff period for the respective delivery period.

<sup>5</sup> In Art. A-S4.3 "Border-Crossing of FCR" of ENTSO-E Policy 1 on LFC reference is made to the technical feasibility of cross border exchange of FCR for grid security reasons. This means an acceptable impact on transmission reliability margin (TRM) must be respected at all times.

<sup>6</sup> All capacity bids with tariff period BASE are considered to be divisible ('Y\*') between the offered volume and the Capacity Bid with the next smaller volume at the same unit price.

<sup>7</sup> If the volume is given to be indivisible, this means either the entire volume should be taken or none at all.

In the unlikely case an alternative optimum exists, the following criteria will successively be applied to determine the solution: 1) maximize overall retained volume 2) maximizing the number of retained Bidders 3) maximizing the equal distribution of the overall volume demand amongst all retained Bidders.

### 3.3 Notifications

#### 3.3.1 Standard Auction Process

##### *Standard GCTs*

The standard gate closure day and times are published on the website via the Auction Calendar section (<http://www.elia.be/en/grid-data/extranet-for-customers/Star>). These GCTs follow a specific standard rule for the monthly auctioning process. The auction for the delivery period of the next month will be closed at the following moment:

- For the auction of R1/R2, each Tuesday at 2:00 p.m. in the week comprising the 15<sup>th</sup> of the month (unless an official holiday takes place, in which case the auctioning day is switched to the next possible day before or which is most convenient);
- For the auction of R3, each Thursday at 2:00 p.m. in the week comprising the 15<sup>th</sup> of the month (unless an official holiday takes place, in which case the auctioning day is switched to the next possible day before or which is most convenient).
- From the first day of each month – after GOT - the bids can be filled in and saved to facilitate future automation; but before GCT all bids must be submitted. This allows an automatic and manual bid validation to start before GCT.

##### *Live communication around GCT for bid validation process*

At each point in time and for each different auction, the bidders and Elia have the possibility to communicate via a comment-box, integrated in STAR. This comment box will allow to log all Q&A's regarding the different bids submitted by the bidders.

**Bidders are requested to be available in the last hour before GCT to allow for these Q&A-sessions during the Elia validation process of the bids (accepting/rejecting).**

##### *Ending of an auction*

At the end of each auction, when the final optimal bid selection has been performed by Elia, each bidding participant for the respective delivery period will automatically be informed by e-mail via STAR at the latest 24 hours after the final GCT. At that point in time, each bidder is able to log-in via STAR to see their individual retained bids (if any). Based on the optimal bid selection, average prices and the total retained volume will be calculated and published for transparency reasons via <http://www.elia.be/en/suppliers/purchasing-categories/energy-purchases/Ancillary-Services-Volumes-Prices> .

#### 3.3.2 Exceptions to the Standard Auction Process

##### *Changing GCT's*

In case for a specific reason one of the GCT's must change and this is known ex-ante by Elia, Elia will always try to keep at least 5 working days between the auction day and the first day of the delivery period. Notification of an ex-ante GCT-change will be notified by e-mail and updated automatically via the Auction Calendar section on the website (<http://www.elia.be/en/grid-data/extranet-for-customers/Star>)

In case the GCT must be delayed due to operational problems on the day of the auction, this will not be notified by e-mail but will be updated automatically in real-time via the Auction Calendar section on the website (<http://www.elia.be/en/grid-data/extranet-for-customers/Star>). Short-term auction participants are hence requested to watch the Auction Calendar on the website systematically.

### ***Changing of delivery period***

Exceptionally, Elia has the possibility to change the length of a certain delivery period in case this would be needed. Should this be the case, the Auction Calendar will be updated automatically and all bidders will ex-ante be informed manually via mail by Elia as well.

### ***Opening of Auction 2 (Only applicable for the auction of R1/R2)***

In the exceptional event of the need for a second auction round, an "2<sup>nd</sup> Auction round" will be opened at which point in time all bidders will be informed automatically via e-mail. STAR will automatically publish GCT2 via the Auction Calendar section on the website (<http://www.elia.be/en/grid-data/extranet-for-customers/Star>).

The standard gate closure day and times for Auction round 2 are not published on the website via the Auction Calendar section (<http://www.elia.be/en/grid-data/extranet-for-customers/Star>) but will become visible as soon as an Auction Round 2 was opened by Elia. These GCT2s will follow a specific standard rule for the monthly auctioning process i.e. each Wednesday at 2:00 p.m. in the week comprising the 15<sup>th</sup> of the month (unless an official holiday takes place, in which case the auctioning day is switched to the next possible day before); at which point the 2<sup>nd</sup> auction round for the delivery period of the next month will be closed. At each point in time – after GOT2 – the bids can already be filled in and saved; but before GCT2 all bids must be submitted. This allows an automatic and manual bid validation to start before GCT.

### ***Live communication around GCT for bid validation process***

In the exceptional event of a second auction round, the comment box will also be used for additional bid requests from Elia to all individual bidders.

In case technical difficulties were to occur in using the comment-box functionality, Elia will contact the bidders individually by mail/phone on the auctioning day around GCT.

## **3.4 Rollback procedure (backup)**

If the auction platform would be unable to hold the short-term auction under standard conditions (as specified in this user manual as the standard business process in 3.1.1) or if individual connection problems were to occur at the bidders' side; a fallback mode is always identified.

The fallback would consist of each bidder communicating simply by mail their offers for the respective auction and delivery period. Elia will provide at that point in time an Excel-file in which the different bids can be filled in in a similar way as the STAR-interface.

Submitted offers via one of the above fallback modes are to be communicated to Elia via either mail (contracting\_AS@elia.be) or and this always before the latest GCT.

It's important that communicated offers via this rollback procedure should come from an authorized contact; i.e. either from an e-mailaddress listed in the contract references or a fax-document signed by such a person.

## **3.5 Viewing auction results**

After an auction has ended, each bidder will be informed automatically via e-mail that the final optimal bid selection has been done. From that point in time, the individual retained bids will be visible for each bidder separately.

At each moment, bidders are able to see the results from previous auctions in a similar way by selecting the appropriate delivery period for which bids were made in the past. A functionality is included as well as to generate such specific reports.

More information can be found in the User Manual section 4 further below.

## **3.6 Transparency Publications**

Since the end of 2013 and as agreed in Elia's Users' Group meeting of 05/12/2013, Elia publishes both long-term and short-term prices of all ancillary services Rx products on its website

(<http://www.elia.be/en/suppliers/purchasing-categories/energy-purchases/Ancillary-Services-Volumes-Prices/>). To be compliant with EU regulation on transparency requirements on submission and publication of data in electricity markets, which is obligatory from January 2015 and which was published by the Commission Regulation (EU) No 543/2013 on the 14<sup>th</sup> of June 2013, Elia will publish the average prices per product type and per delivery period (also volume demand and selected total volume in the same manner) to comply with the stipulations in Article 17. To align with these Transparency obligations, Elia also incorporated the right to publish the aggregated (anonymous) prices and volumes in the respective short-term contracts for R1/R2/R3-delivery and will continue to do so in the future general framework agreement.

In the next section, an overview will be given of all respective publications concerning volumes and prices for the R1/R2/R3-reserve products:

*Minimum volume demand:*

For each procured product, the minimum volume demand for each delivery period will be published on Elia's website via: <http://www.elia.be/en/suppliers/purchasing-categories/energy-purchases/Ancillary-Services-Volumes-Prices>

*Contracted volume after auction*

For each procured product, the final total contracted volume after each auction will be published as well on Elia's website via: <http://www.elia.be/en/suppliers/purchasing-categories/energy-purchases/Ancillary-Services-Volumes-Prices>

*Average prices*

For each procured product, the average price for each delivery period will be published in an anonymous way on Elia's website via: <http://www.elia.be/en/suppliers/purchasing-categories/energy-purchases/Ancillary-Services-Volumes-Prices>

### 3.7 Auction calendar

The standard auction timings and exceptions are described in §3.3.1. Below you can find the defined standard auction timings for 2016. Since the 2<sup>nd</sup> Auction round for R1/R2 is not envisioned as being part of the standard business process, the GCT2's are not visible nor filled in for each delivery period; only in the exceptional case of such an Auction Round 2 for R1/R2 will the GCT2 appear and remain visible on the website via (<http://www.elia.be/en/grid-data/extranet-for-customers/Star>)

Below you can find an example of such an Auction calendar, however for the latest valid version one should always visit the website via (<http://www.elia.be/en/grid-data/extranet-for-customers/Star>).

Delivery Period	Reserve Type	Starts On	Ends On	Gate (1) Closing Time	Gate 2 Closing Time
January 2016	R1 & R2	1/01/2016	31/01/2016	<b>8/12/2015 14:00</b>	9/12/2015 14:00
	R3	1/01/2016	31/01/2016	<b>10/12/2015 14:00</b>	
February 2016	R1 & R2	1/02/2016	29/02/2016	12/01/2016 14:00	13/01/2016 14:00
	R3	1/02/2016	29/02/2016	14/01/2016 14:00	
March 2016	R1 & R2	1/03/2016	31/03/2016	16/02/2016 14:00	17/02/2016 14:00
	R3	1/03/2016	31/03/2016	18/02/2016 14:00	
April 2016	R1 & R2	1/04/2016	30/04/2016	15/03/2016 14:00	16/03/2016 14:00
	R3	1/04/2016	30/04/2016	17/03/2016 14:00	
May	R1 & R2	1/05/2016	31/05/2016	12/04/2016 14:00	13/04/2016 14:00

2016	R3	1/05/2016	31/05/2016	14/04/2016	14:00	
June 2016	R1 & R2	1/06/2016	30/06/2016	10/05/2016	14:00	11/05/2016 14:00
	R3	1/06/2016	30/06/2016	12/05/2016	14:00	
July 2016	R1 & R2	1/07/2016	31/07/2016	14/06/2016	14:00	15/06/2016 14:00
	R3	1/07/2016	31/07/2016	16/06/2016	14:00	
August 2016	R1 & R2	1/08/2016	31/08/2016	12/07/2016	14:00	13/07/2016 14:00
	R3	1/08/2016	31/08/2016	14/07/2016	14:00	
September 2016	R1 & R2	1/09/2016	30/09/2016	16/08/2016	14:00	17/08/2016 14:00
	R3	1/09/2016	30/09/2016	18/08/2016	14:00	
October 2016	R1 & R2	1/10/2016	31/10/2016	13/09/2016	14:00	14/09/2016 14:00
	R3	1/10/2016	31/10/2016	15/09/2016	14:00	
November 2016	R1 & R2	1/11/2016	30/11/2016	11/10/2016	14:00	12/10/2016 14:00
	R3	1/11/2016	30/11/2016	13/10/2016	14:00	
December 2016	R1 & R2	1/12/2016	31/12/2016	15/11/2016	14:00	16/11/2016 14:00
	R3	1/12/2016	31/12/2016	17/11/2016	14:00	

Remark: the above scheduled auction dates, which differ from the best practice rule, are indicated in bold. These dates do not comply with the general rule of having the auction in the week in M-1 wherein the 15<sup>th</sup> of the month lies, because of either planning constraints or national holidays in order to guarantee a smooth auction process.



## 4 STAR User Manual

This user manual covers the usage instructions of STAR R1/R2 and R3. In the title of each section you can find the reserve products to which it applies.

### 4.1 Create, modify or cancel an offer

#### 4.1.1 Create a New Offer

##### *Create a new R1/R2 offer*

To create a new R1/R2 offer, navigate to "Auction Overview --> R1/R2 " screen.

In the **auction overview** screen you can create a new R1/R2 offer for a delivery period for which the auction is currently ongoing.

To introduce an offer, select the delivery period for which the auction is currently ongoing (this is the default selection), click **Create New** on the blue line and fill in the specifications of the offer:

Offer number	R1			R2			R2			Tariff Period	May not be combined with	Volume divisible?	Validation status	Reception time	Actions
	ServiceType	Volume (MW)	Price (€/MWh)	ServiceType	Volume (MW)	Price (€/MWh)	ServiceType	Volume (MW)	Price (€/MWh)						
Bidder x															<a href="#">Create New</a>
6	FR-GenerationLoad-Symmetric200	5	5.00							BASE	All	No	Received	26-10-2014 21:43	Delete
7	FR-GenerationLoad-Symmetric200	10	10.00							BASE	All	No	Accepted	26-10-2014 21:43	Delete
8	FR-GenerationLoad-Symmetric200	15	15.20							BASE	6,7	No	Accepted	15-10-2014 21:08	Delete
9	FR-GenerationLoad-Symmetric200	51	50.00							BASE	6,7	No	Accepted	25-10-2014 11:37	Delete
10	FR-GenerationLoad-Symmetric200	2	2.00							BASE	6,7	No	Received	26-10-2014 21:39	Delete
11	FR-GenerationLoad-Symmetric200	7	7.00							BASE	6,7	No	Rejected	26-10-2014 21:43	Delete

- Specify the **volume and price** per product type. A volume and price can only be introduced for those product types for which the Bidder has a valid contract.
  - For R1, per offer one product can be selected out of a dropdown-list.
  - For R2, both R2 upwards and R2 downwards can be included in the offer, if there is a valid contract for both service types. If there is no valid contract for (one of) the service types, the cells will be greyed out and it will not be possible to offer this product.
  - For each product in the offer, a volume should be filled in (there can be no empty cells), but the offered volume/price can be 0 MW/€.
  - When the volume of an offer is 0 MW, the price has to be 0 €.
  - The volume is automatically rounded to a figure without any decimal; the price is automatically round to a figure with two decimals.
- Select the **Tariff period** (P, L\_OP, BASE)
- If applicable, specify which offer(s) this offer may not be combined with (**MNBCW**). This can be the offer number of one or more specific offers as well as 'All', which means that the offer cannot be combined with any other offer. The user can type in the individual offer numbers, separated by a semi-column or 'All' or use the dropdown list to complete this field.

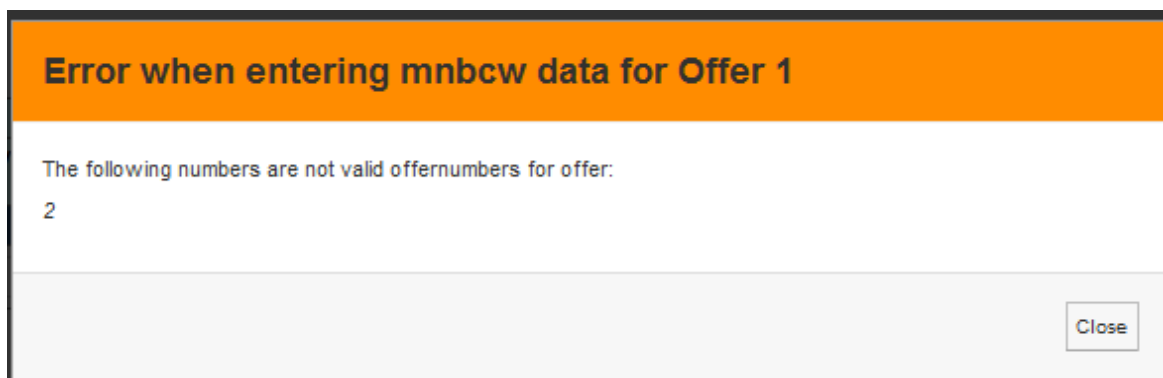


**When adding and removing restrictions (more or less MNBCW-combinations): the MNBCW of other offers is automatically adjusted**

- When an offer is created with/modified to MNBCW 'All', automatically the number of this offer will be added to the MNBCW with of all other offers. In case a new offer is created this offer number will be prefilled.
- When an offer is created and MNBCW a previous offer or an offer number is added to the MNBCW of an existing offer, the offer number of the created/modified offer is automatically added to the MNBCW column of this previous offer.
- It is not possible to proactively add offer numbers of offers that are not yet created to the MNBCW column of another offer

 **Note**

When the MNBCW column contains inconsistencies (e.g. offer number that does not exist, invalid syntax,...) , the user is informed about this. When clicking **close** the incorrect offer numbers are automatically removed from the MNBCW column. After this, the user should still click **save** to save all modifications.



- Specify whether the **volume** of the offer is **divisible** (Yes, No): If the Bidder indicates that the volume is divisible, the solver may retain a part of the offered volume for any of the different products offered on the same offer line. If the volume is not divisible, the solver must retain the entire volume for all products offered on the same offer line or nothing at all.

The following characteristics are filled in automatically:

- When a new offer is created, the **offer number** is assigned automatically. This offer number cannot be edited.

 **Note**

When an offer is cancelled or deleted, the offer number is not re-cycled. e.g. Bidderx:

- creates an offer with offer number 1
- creates thereafter an offer with offer number 2 does not save the offer (=cancelled)
- the next offer that will be created will have offer number 3

- When a new offer is created the **status** is 'Received' by default.
- When a new offer is saved, automatically a **reception time** is registered.

Click **Save** to introduce the offer.

---

 **Note**

The offer has to be *saved* before the gate closing time in order to be withheld. So don't forget to click on Save button to finalise the offer creation operation.

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 **Note**

When you click on **Save button**, you will automatically receive an email with the offer report containing the most updated list of the offers you introduced.

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### **Create a new R3 offer**

To create a new R3 offer, navigate to "Auction Overviews --> R3 " screen.

In the **auction overview** screen you can create a new R3 offer for a delivery period for which the auction is currently ongoing.

To introduce an offer, select the delivery period for which the auction is currently ongoing (this is the default selection), click **Create New** on the blue line and fill in the specifications of the offer:

- Specify the **product type**. (R3 Prod / R3 DP). Only one product type can be selected per offer. Only the R3-product-types for which the framework agreement and short-term contract was signed, will be available for reception in the bidding interface.
- Specify the **volume and price** per product type. A volume and price can only be introduced for the product types for which the Bidder has a valid contract.
  - For each offer, a volume should be filled in (there can be no empty cells), but the offered volume/price can be 0 MW/€.
  - When the volume of an offer is 0 MW, the price has to be 0 €.
  - The volume in [MW] should be minimally 1MW.
  - The volume is automatically rounded to a figure without any decimal; the price is automatically round to a figure with two decimals.

---

 **Note**

The column '**Retained volume**' will be filled in after ending the auction with the selected volume for the retained capacity bids.

---

- Select the **Tariff period** (P, L\_OP, BASE). The only valid options are the following: PEAK (PE), LONG-OFFPEAK (L-OP) or BASE (PE + L-OP). The PEAK period is defined as the hours between 8A.M. &

8P.M. for each Monday till Friday. The LONG-OFFPEAK is defined as all hours of the week which are not in the PEAK period. The BASE period is defined as all hours of the week.

- If applicable, specify which offer(s) this offer may not be combined with (**MNBCW**). This can be the offer number of one or more specific offers as well as 'All', which means that the offer cannot be combined with any other offer. The user can type in the individual offer numbers, separated by a semi-column or 'All' or use the dropdown list to complete this field. For R3, the following rules have to be applied:
  - All **Capacity Bids with tariff period BASE** are considered as not combinable with other Capacity Bids with the tariff period BASE. The MNBCW values of BASE offers is automatically set to "All Base".
  - For all **Peak/Long-Off peak Capacity Bids**: The Supplier is free to set the combinability (or may not be combined with) by enumerating all offer numbers for which this is the case. The convention to be used is separating the different offer numbers by ';' for which combinations for the respective offer number are not allowed. One can also choose the option 'All', indicating the respective offer cannot be combined with any other offer in the offer list for the respective auction round.

**When adding and removing restrictions (more or less MNBCW-combinations): the MNBCW of other offers is automatically adjusted**

- When an offer is created with/modified to MNBCW 'All', automatically the number of this offer will be added to the MNBCW with of all other offers. In case a new offer is created this offer number will be prefilled.
- When an offer is created and MNBCW a previous offer or an offer number is added to the MNBCW of an existing offer, the offer number of the created/modified offer is automatically added to the MNBCW column of this previous offer.
- It is not possible to proactively add offer numbers of offers that are not yet created to the MNBCW column of another offer

---

 **Note**

When the MNBCW column contains inconsistencies (e.g. offer number that does not exist, invalid syntax,...) , the user is informed about this. When clicking **close** the incorrect offer numbers are automatically removed from the MNBCW column. After this, the user should still click **save** to save all modifications.

**Error when entering mbcw data for Offer 1**

The following numbers are not valid offer numbers for offer:

2

- Specify whether the **volume of the offer is divisible** (Y, N, Y\*): If the Bidder indicates that the volume is divisible, the solver may retain a part of the offered volume for any of the different products offered on the same offer line. If the volume is not divisible, the solver must retain the entire volume for all products offered on the same offer line or nothing at all. For R3, the following rules have to be applied:
  - All Capacity Bids with **tariff period BASE** are considered to be divisible ('Y\*' is automatically set) between the offered volume and the Capacity Bid with the next smaller volume at the same unit price:
    - **For R3 Production:** In case that there is no smaller Capacity Bid, the Capacity Bid is not considered divisible.
    - **For R3DP:** In case that there is no smaller Capacity Bid, the Capacity Bid is considered divisible to 1MW.
  - The granularity of the divisibility is 1MW.
  - **For all Peak/Long-Off peak** Capacity Bids, the Supplier can make a Capacity Bid divisible or not. Divisible ('Y') means that ELIA can retain a volume between 1MW and the offered volume with a granularity of 1MW. If the Suppliers wants to offer either the entire volume at the indicated price or no volume at all, this offer will be non divisible ('N').

The following characteristics are filled in automatically:

- When a new offer is created, the **offer number** is assigned automatically. This offer number cannot be edited. The number of the capacity bid, serving as a reference for the details inserted for each horizontal line. Each of such horizontal lines will be treated as one offer containing the volume in [MW] and price in [€/MW/h] for one product and for the respective valid tariff period. For each capacity bid there are specific attributes which can be indicated through the use of the other columns such as: "tariff period", "may not be combined with", "divisibility Y/N".

---

#### Note

When an offer is cancelled or deleted, the offer number is not re-cycled. e.g. Bidderx:

- creates an offer with offer number 1
- creates thereafter an offer with offer number 2 does not save the offer (=cancelled)
- the next offer that will be created will have offer number 3

- 
- When a new offer is created the **status** is 'Received' by default.
  - When a new offer is saved, automatically a **reception time** is registered.

Click **Save** to introduce the offer.

---

#### Note

The offer has to be *saved* before the gate closing time in order to be withheld. So don't forget to click on Save button to finalise the offer creation operation.

---

#### Note

When you click on **Save button**, you will automatically receive an email with the offer report containing the most updated list of the offers you introduced.

### 4.1.2 B2B Offer Import

STAR application provides the possibility to import the offers using a webservice-base B2B interface. By implementing this webservice, an external authorized IT system can directly inject the offers into STAR application using XML-based messages. For more information about the procedure and the validation constraints, see section **Error! Reference source not found..**

In case of technical problem, STAR GUI enables the user to import manually a B2B XML message. To **manually import a B2B XML message**, execute the following instructions:

- Click on the **"Send B2B" button** of the Overview screen. The B2B import screen will be displayed (see the following screenshot)

Error Code	Reason
A02	Message Fully rejected
A05	Gate 1 is not open
Z62	Invalid service type received ("Symmetric150")

- Click on **Browse button** in order to select the XML file you want to transmit.
- Click on **Send button** to transmit the XML file.
- The output panel displays the **result of the import operation**. In case of errors the details of the errors are listed.
- For R3 offers**, in case of successful import, the **R3 Bidding Obligation validation** is automatically executed (see Bidding Obligation Validation). Go back to the R3 offer list to visualize the offer you have imported and the result of the Bidding Obligation validation (see 4.2)

### 4.1.3 Modify an introduced offer

Do the modifications in the auction overview and click **Save**.

If the state of the gates allows a modification, the following fields can be edited: Volume & Prices, Tariff period, MNBCW, Volume Divisible.

### 4.1.4 Delete an introduced offer

Click **Delete** in the action column of the offer you want to delete. Then click **OK** in response to the question 'Are you sure you want to delete the selected offer?'

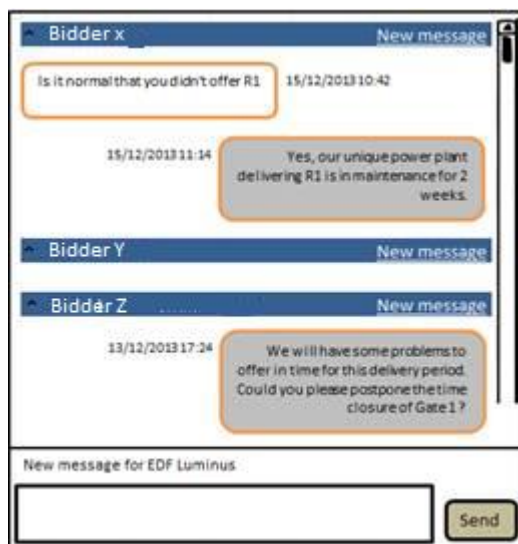
After this click **Save**.

 **Tip**

Throughout the auctioning process, Elia and the Bidder can communicate by using the chatbox on the auction overview screen.

To send a message, click **New Message**, type your message and click Send. The chatbox is automatically refreshed every minute, a manual refresh can be done at any point in time.

Note that chat messages are related to a specific delivery period, make sure you are in the correct delivery period to receive all messages.



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## 4.2 R3 Bidding Obligation Validation

For R3, a bidding obligation mechanism was introduced. Each R3 offer must comply with the Bidding Obligations defined in section 2.2.3.

STAR includes a Bidding Obligation validation function which enables you to validate in 1-click the R3 offers you submitted.

To validate your offer, click on **"Validate Bidding Obligations"** button on R3 Auction Overview screen.

The **result of the Bidding Obligation validation** operation will be displayed in the last column of the table. By hovering with your mouse pointer on the results of the validation, a popup screen appears giving you the detailed results of the validation for the 4 Bidding Obligations.

The offers which successfully passed the validation will receive the **status "Checked"**.

The offers which don't comply with the Bidding Obligation will receive the **status "Refused"**.

## 4.3 Offer Status

Every offer follows a validation cycle. The validation status is based on whether the offer has been checked by Elia and whether the offer is part of the optimal selection of offers (result of 'Solver') or not. There are 4 possible validation statuses for R1/R2 and one additional status for R3:

- **Received:** The offer is successfully received. As long as Gate 1 is open, the Bidder can modify/cancel any offer with status 'Received'. As long as Gate 2 is open, the Bidder can only modify offers with status Received that were created during Gate 2.
- **R3 – Checked:** The received offer bidding obligations were successfully validated. As long as the Gate is open, the Bidder can modify/cancel any offer with status 'Checked'.
- **Accepted:** The manual checks that are done on top of the automatic checks when importing the offer are satisfactory. As long as Gate 1 is open, the Bidder can modify/cancel any offer with status

'Accepted'. For R1/R2, as long as Gate 2 is open, the Bidder can only modify offers with status Accepted that were created during Gate 2. Please note that an offer can still be accepted by Elia after the gate closing.

- **Rejected:** The manual checks that are done on top of the automatic checks when importing the offer are not satisfactory. As long as Gate 1 is open, the Bidder can modify/cancel any offer with status 'Rejected'. For R1/R2, As long as Gate 2 is open, the Bidder can only modify offers with status Rejected that were created during Gate 2. Elia will only reject the offer in exceptional cases (e.g. Elia knows that the Bidder made a mistake or the Bidder has made a new offer during round 2 that is not a reply to an Elia-request). Elia will log the reason for rejection in the chatbox. Please note that an offer can still be rejected by Elia after the gate closing.
- **Retained:** The auctioning process is finished and Elia retained the offer (the offer is part of the optimal offer selection). The offer may not be modified.

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 **Note**

- When an offer with status Checked, Accepted or Rejected is modified, the status automatically changes to Received.
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## 4.4 Offer overview

In the auction overview screen the details of all introduced offers per Bidder for a specific delivery period are displayed.

To open the auction overview screen, in the menu click **Overview**. Select a **Delivery period** to view the offers for that period.

---

 **Tip**

When filtering on a delivery period, the default period is the first delivery period with a start date later than today. By scrolling down you can select any delivery period with start date before today.

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## 4.5 Create a report

### 4.5.1 Offers Report

In the menu click **Reports > Offers**.

Select a begin and end date to view all offers of delivery periods that have a start date between begin date and end date selected. The report is identical to the Auction Overview screen.

Offers report for delivery periods between 01-11-2014 and 30-11-2014

Delivery Period	Number	R1			R2			R2			Tariff Period	May Not Be Combined With	Volume Divisible	Validation Status	Reception Time			
		Country	Delivery Type	Service Type	Offered Volume	Received Volume	Price (€/MWh)	Country	Delivery Type	Service Type						Offered Volume	Received Volume	Price (€/MWh)
November 2014	6	FR	GenerationLoad	Symmetric200	5	5.00				0	0.00							
November 2014	7	FR	GenerationLoad	Symmetric200	10	10.00				0	0.00	BASE	All	No	Offered	26-10-2014 21:43:21		
November 2014	8	FR	GenerationLoad	Symmetric200	15	15.00				0	0.00	BASE	6:7	No	Accepted	26-10-2014 21:43:21		
November 2014	9	FR	GenerationLoad	Symmetric200	51	50.00				0	0.00	BASE	6:7	No	Accepted	25-10-2014 22:08:22		
November 2014	10	FR	GenerationLoad	Symmetric200	2	2.00				0	0.00	BASE	6:7	No	Accepted	25-10-2014 11:37:58		
November 2014	11	FR	GenerationLoad	Symmetric200	7	7.00				0	0.00	BASE	6:7	No	Rejected	26-10-2014 21:39:24		

If the volume selected by the solver is less than the total volume that was offered (in case the volume was indicated as being divisible), the volume is colored red and the retained volume is reported in this case. Retained offers are highlighted in green