



## Nominations: principles and methods

### E-Nomination: a tool that makes submitting nominations easier for ARPs

Elia has created E-Nomination, an electronic nomination tool, to simplify the nominations made by ARPs. This tool allows ARPs to submit their nominations, check the status of their nominations and their data history and to ensure that they are fulfilling certain obligations. The E-Nomination tool, inspired by the practicality of e-business, has proven to be extremely effective for all ARPs, from those which manage few transactions to those who have wide activity perimeters.

## I. Nominations: principles

### I.1. Nominations: a forecasting planning tool

As the transmission system operator in Belgium, Elia has the responsibility to ensure the security of the network and to maintain balance in the Belgian control area. Elia must therefore be able to predict the volume and distribution of energy exchanges on its network at different times. Concerning the balancing, Elia relies on the contractual arrangements linking it with the ARPs. Each ARP is responsible for balancing the offtakes and injections in its perimeter on a quarter-hourly basis both in real time and in the day prior to transmission.

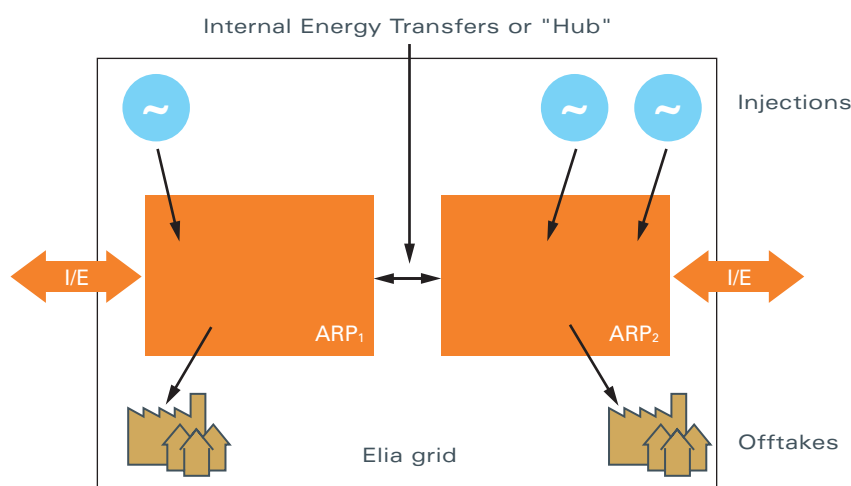
To meet these needs of forecast and balancing each ARP must provide Elia with nominations (i.e. the schedule of a planned power injection or off take of an ARP).

### I.2. The different types of activity in ARP perimeters

An ARP must ensure the quarter-hourly balance of its portfolio. He can execute different types of activities inside its portfolio according to whether:

- the ARP is responsible for offtakes at one or more access points;
- the ARP is responsible for injections at one or more access points;
- the ARP exports and/or imports energy from/to other areas;
- the ARP exchanges energy with other ARPs using the Elia Hub, a virtual platform which allows exchanges between ARPs (see sheets "Day-ahead Hub" and "Intraday Hub").

For all of its activities, the ARP provides Elia with nominations (i.e. the schedule of a planned power injection or off take of an ARP). All nominations in an ARP's portfolio must be balanced in day D-1 (the day prior to transmission). The latter is a contractual obligation.



### I.3. The four types of nomination

Each of these types of activity has a corresponding type of nomination:

- nominations for offtake points (either collectively, by distribution system operator (DSO) and by closed distribution system (CDS) for each offtake point in the distribution networks, or individually, by access point for all offtake points on the Elia grid);
- nominations for injection points either by DSO for small power units in the distribution networks or by unit for generation units with CIPU contracts (see sheet the CIPU contract);
- nominations for a transfer of energy between APRs within Elia's control area (also known as an internal energy transfer or "hub nomination"). Two types of internal energy transfer nominations exist depending on the submission deadline, that is to say either on a "day-ahead" basis or on an "intraday" basis
- nominations for an international exchange, within the limits of the capacities obtained for the international exchange (see sheets about intraday allocations). Two types of international nominations exist depending on the submission deadline, that is to say either on a "day-ahead" basis or on an intraday basis.

### I.4. Schedule for submitting nominations

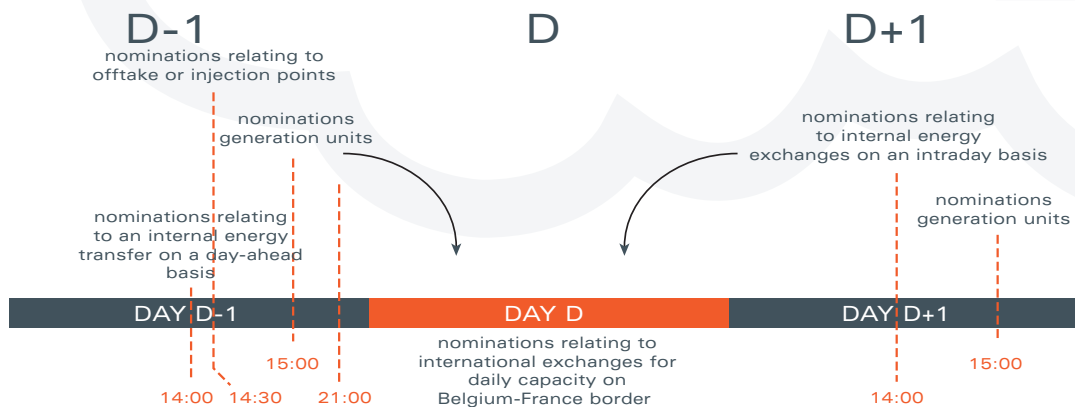
The various nominations submitted by an ARP must keep to a certain schedule:

#### For day-ahead (D-1) activities

- nominations relating to offtake or injection points must be submitted by no later than 2.30 p.m. on day D-1;
- nominations concerning generation (CIPU procedure) have to be submitted by no later than 3 p.m. on day D-1;
- nominations relating to an internal energy transfer on a day-ahead basis must be submitted by no later than 2 p.m. on day D-1. If there are inconsistencies between the nominations submitted by the two ARPs, a correction can be submitted by one or both of the relevant ARPs any time before 2.30 p.m. on day D-1.

#### For intraday (D) activities

- nominations relating to an internal energy transfer on an intraday basis must be submitted by no later than 2 p.m. on day D+1. If there are any inconsistencies between the nominations submitted by the two ARPs, a correction can be presented by one or both of the relevant ARPs any time before 2.30 pm on day D+1;
- nominations relating to an international energy exchange on an intraday basis on the French-Belgium interconnection are nominated by Elia on behalf of the ARP (see sheet intraday allocation south). Regarding the Dutch-Belgium border, the intraday mechanism is currently an implicit allocation (see sheet intraday allocations north).



## II. E-Nomination, the electronic nomination tool

### II.1. Electronic nomination: fast and easy

To make the nomination process easier, Elia has developed E-Nomination, a tool which allows ARPs to communicate and to check their nominations electronically 24 hours a day. E-Nomination is both fast and user-friendly and can be used for all types of nomination, except nominations relating to generation units.

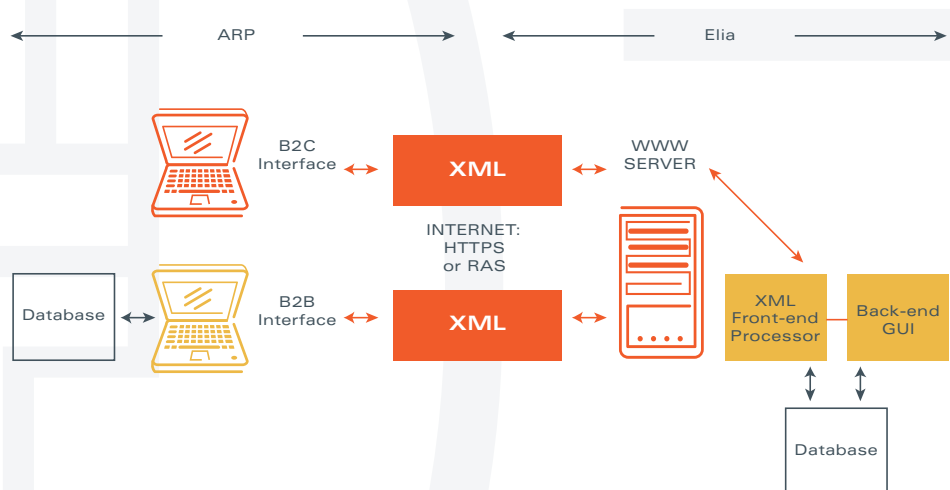
Although nominations for generation units are passed on to Elia by means of another system, the total of the generation nominations is displayed automatically in the E-nomination platform, allowing the ARP to have a constant overall view of the balance in its portfolio (which is a strict obligation in D-1).

### II.2. B2C or B2B

There are two ways to access the E-Nomination tool: the B2C solution and the B2B solution.

- The B2C solution: web portal, which allows ARPs to submit nominations in an easy way. There are a number of features available: for instance, it is possible to copy an existing nomination or to submit all nominations for a one-month period in a single operation. Furthermore, consultation screens allow ARPs to look up the nominations they have submitted and to check their status, their balance, and so forth;
- The B2B solution: XML files are exchanged between the ARPs' and Elia's applications. To do this, Elia provides ARPs with all the necessary information for the development of the B2B solution (such as file specifications, programming tools, etc.). Using the B2B solution, ARPs can recover and generate data using their own computing processes.

ARPs can choose between these two solutions, but they can also use them together. For example, they could use the B2B solution to submit nominations and the B2C solution to consult data.



### II.3. Features of the E-Nomination tool


The E-Nomination tool allows ARPs to do many things, such as:

- accessing their data history;
- checking, using the nomination status check tool, that the ARP which is counterparty to the energy exchange has also submitted its nomination and has entered in the correct values for a nomination relating to an internal energy transfer;
- checking that a nomination relating to a day-ahead international exchange complies with the allocated capacity;
- checking that their nominated portfolio is balanced;
- checking the nominations status, and see if their latest nominations have been submitted, if they are being processed by Elia, if they are confirmed, and so forth;
- submitting different versions of their nominations;
- etc.




Furthermore, Elia will warn ARPs of any errors identified.

Global Position	Day-Ahead International	Day-Ahead Internal	Offtake	Injection	Intra-Day Reserve	Intra-Day International	Intra-Day Internal
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### Welcome to the e-Nomination site

Execution Date:  
31/05/2012 

#### Summary

Nomination Type	29/05/2012	30/05/2012	31/05/2012
Day-ahead International			
Day-ahead Internal			
Offtake			
Injection			
Intra-day International			
Intra-day Internal			

## III. Benefits of electronic nomination

The electronic nomination system simplifies the nomination process. A few of the benefits are listed below:

- ARPs are able to benefit from all the opportunities the liberalised market offers with the shortest possible operational lead times. Furthermore, Elia's electronic nomination tool allows these ARPs to hedge their risks, as they are able to directly and continuously monitor the accuracy of their nominations and the correct management of their predicted balance;
- It is easy to take up ARP activities, as all you need to access the E-Nomination tool and all its features is a PC and an Internet connection. This means that ARPs are able to take full advantage of the opportunities the liberalised market offers them without having to make costly investments to meet the ensuing nomination and balancing obligations;
- Elia's electronic nomination tool is accessible to all ARPs at no extra cost

## IV. Legal and contractual basis

The electronic nomination system is automatically accessible to all ARPs, that is, to all players which have signed an ARP contract with Elia.

### Nomination in five key points

- In order to ensure the security of the grid and balance in its control area, Elia requires each ARP to submit a nomination for each energy transfer they schedule.
- There are four types of nomination: nomination for physical injection, nomination for physical offtake, nomination for internal exchange between ARPs and nomination for international exchange. Each of these types of nomination must be submitted according to certain deadlines.
- Elia has developed E-Nomination, an electronic nomination tool which is fast, reliable and accessible. With this tool, the nomination process is considerably easier for ARPs.
- There are two solutions providing access to the E-Nomination tool: a B2C solution taking the form of web interfaces, and a B2B solution taking the form of an XML file exchange between Elia and the ARP.
- All ARPs can access E-Nomination. Thanks to the E-Nomination tool, it is now easier to become an ARP and to take full advantage of the opportunities offered by the free market.