



Sharing balance responsibility for injections into the Elia grid

Responsibility for maintaining balance at an Elia grid injection point may be shared between several ARPs. This option gives market players the flexibility they need to reach agreements on joint investment in and management of production units by several producers or by a producer and an industrial grid user. The existence of an agreement between ARPs is recorded in the access contract along with a percentage breakdown of their responsibility.

I. Sharing balance responsibility: principles

Several ARPs may share responsibility for maintaining balance at a single point of injection into the Elia grid. The percentage of injected power covered by each ARP is settled in advance. The existence of an agreement between ARPs is recorded in the access contract, along with their respective percentages.

Diversifying their injection sources is an additional asset for ARPs when compiling their perimeter of injection and offtake points. This enables more flexible management of the balance perimeter.

II. An ideal solution for producers and industrial grid users

Shared balance responsibility is an ideal solution for e.g.:

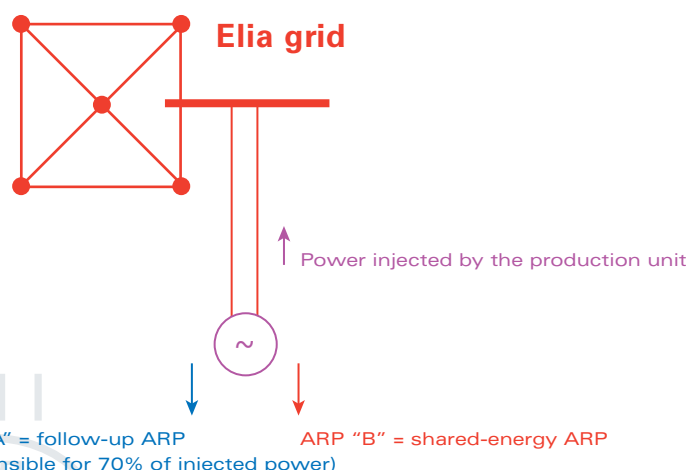
- two or more producers who wish to join forces and share the investment and costs associated with operating a production unit;
- an industrial grid user (and ARP party responsible) with an on-site production unit who wishes to share management of the unit.

More generally, establishing each ARP's percentage in advance avoids disputes and lays the foundations for a constructive working relationship between access responsible parties.

III. One production unit, one nomination, several ARPs

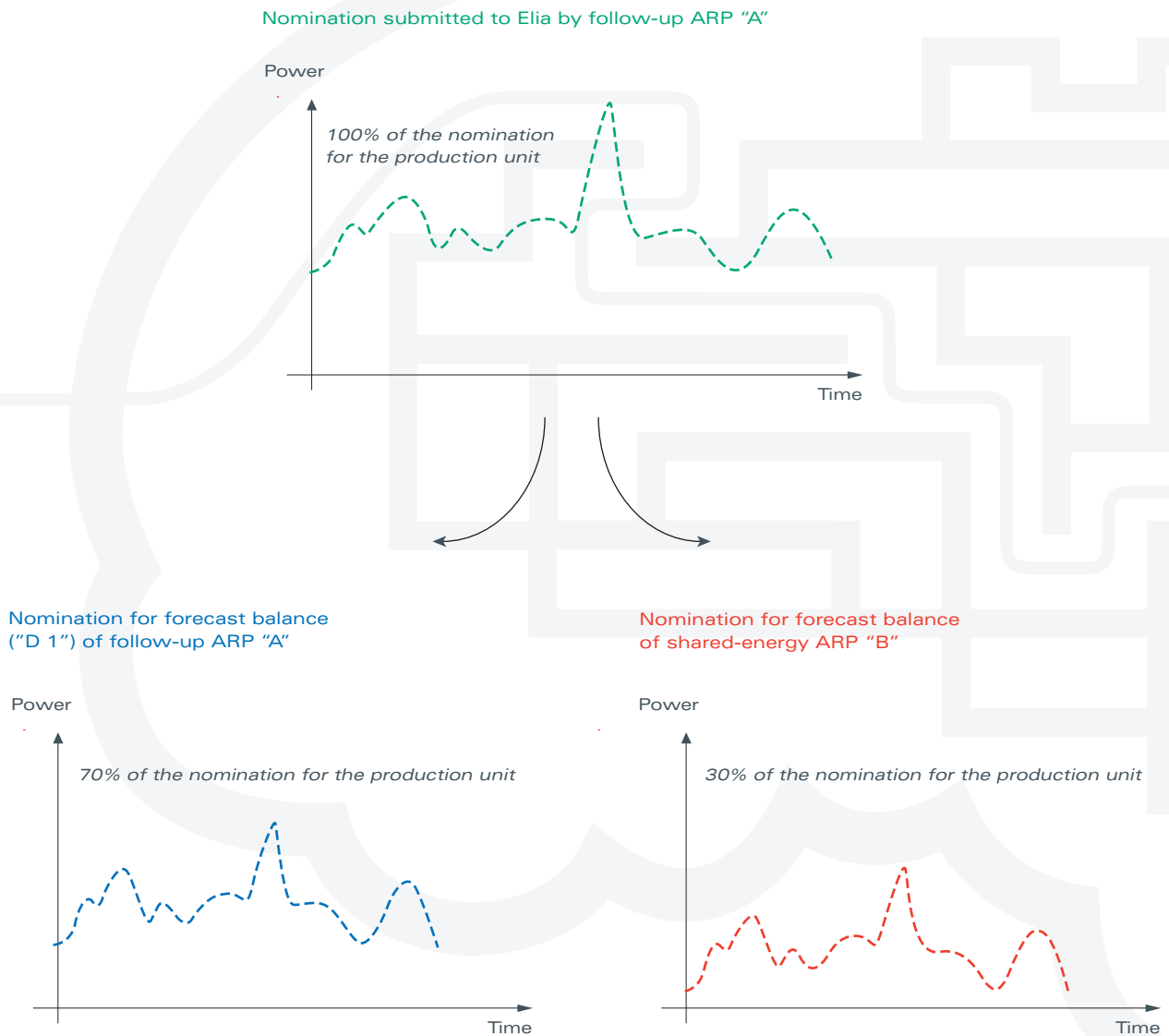
III.1. Follow-up ARP and shared-energy ARP

In the access contract, the first ARP is referred to as the follow-up ARP. The other(s) as shared-energy ARP(s). In the following example, ARP "A" is responsible for follow-up of 70 % of the injection, whereas ARP "B" is responsible for the shared energy, i.e. 30 %.



III.2. One nomination per production unit

Elia receives a single valid nomination for the whole production unit. It is the follow-up ARP's responsibility to submit this nomination to Elia, having gathered the necessary data from the other ARPs.

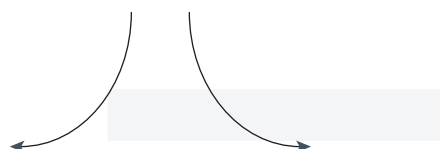
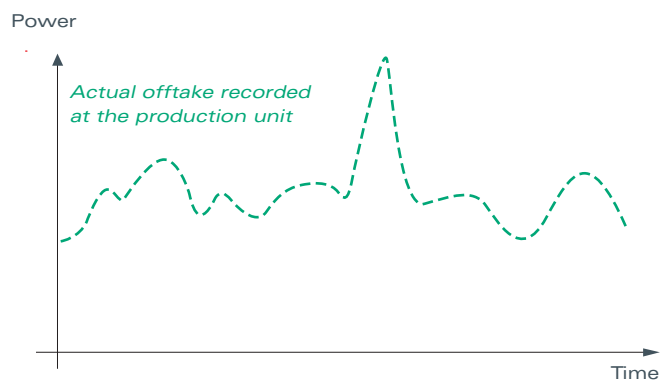


III.3. Elia calculates breakdown of the nomination value

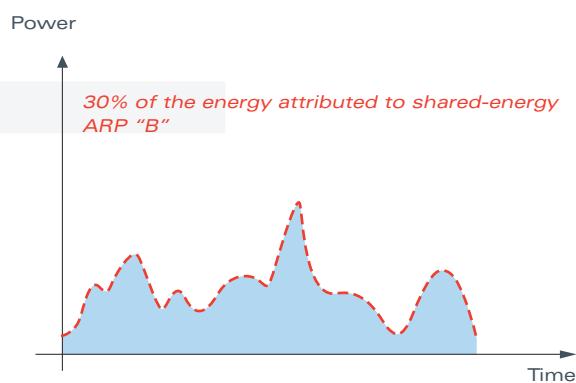
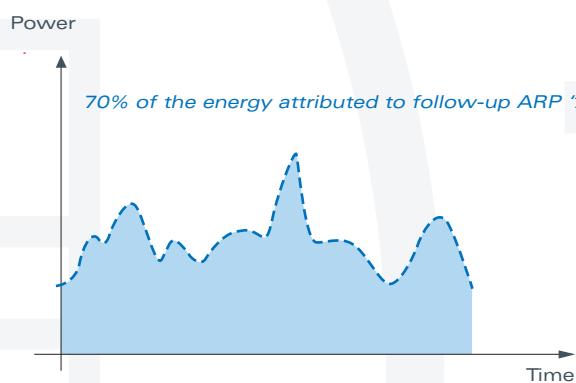
For every nomination it receives, Elia calculates the breakdown between the various ARPs based on the percentages specified in the access contract. ARPs can view the results of the breakdown in the E-nomination section of Elia's website. This Elia service saves ARPs valuable time. It is this breakdown value that will be attributed to the forecast balance perimeter of each ARP.

III.4. Attribution of energy volume to balancing perimeters for billing purposes

As regards the volume of energy actually injected into its grid, Elia uses the breakdown between ARPs stipulated in the access contract to attribute this injection to the balancing perimeter of each ARP. In the event of an imbalance, this is the value that will be used for billing.



Attribution to the balancing perimeters of the two ARPs for billing purposes



IV. Legal and contractual basis

The option of sharing balance responsibility for an Elia grid injection point is provided for in the current federal and regional Grid Codes.

To take advantage of the option, all grid users need to do is:

- have annexes 3, 3bis or 3ter of the access contract signed by the ARP charged with follow-up of the injection (follow-up ARP);
- have annex 9 signed by all the ARPs involved in sharing balance responsibility, i.e. the follow-up ARP and the shared-energy ARPs. This annex constitutes the agreement between the ARPs and specifies the percentages attributed to each one.

The designated ARPs must have signed an ARP contract and a CIPU contract (consult the sheet "The CIPU-contract: a set framework for taking part in the high-voltage system management") with Elia.

Sharing balance responsibility in five points

- Sharing balance responsibility for an Elia grid injection point lays the foundations for a constructive working relationship between several ARPs.
- It is particularly suited to the requirements of:
 - a. industrial grid users with an on-site production unit;
 - b. generators wishing to set up on the site of a Belgian industrial grid user;
 - c. generators wanting to join forces to manage a production unit.
- The breakdown of responsibility is stipulated in the access contract (annex 9), which also specifies the percentage covered by each ARP.
- The follow-up ARP submits a nomination for the injection forecasts of the entire unit.
- Elia uses the percentages stated in the access contract (annex 9) to calculate breakdowns between the ARPs for nomination and imbalance billing purposes.

