

## **ACTIVATION OF POWER RESERVE CAPACITY IN THE AREAS OF FINLAND AND SWEDEN WITHIN THE ELSPOT MARKET**

The Producer in Finland and Svenska Kraftnät in Sweden shall offer the total capacity available at any given time to the Elspot market for a specific hour, considering the starting time.

In the Elspot trading system, the power reserve capacity in Finland constitutes one power reserve bid based on the volume for the bidding area of Finland. Correspondingly, the power reserve capacity in Sweden constitutes one power reserve bid based on the volume for the bidding area of Sweden. No price is set for the power reserve bids.

A power reserve bid is taken into account in Elspot calculation if no balance between demand and supply is reached with the available bids made at market terms in the bidding area of Finland and/or Sweden.

Power reserve capacity in both Finland and Sweden is activated at a ratio to the power reserve capacities offered between the countries and within the available transmission capacity as prescribed in the below examples.

### **Example 1, transmission capacity between Finland and Sweden does not restrict the activation of power reserve**

Presumptions:

- Power reserve capacity in Finland 600 MW.
- Power reserve capacity in Sweden 2000 MW.
- No balance is reached between demand and supply on the Elspot market in the price area of Finland and Sweden. The power reserve capacity to be activated so as to reach a balance is 200 MW.

Activated power reserves (total 200 MW):

- In bidding area Finland 46.2 MW ( $200 \text{ MW} \times 600/2600$ ).
- In bidding area Sweden 153.8 MW ( $200 \text{ MW} \times 2000/2600$ ).

### **Example 2, there is no available transmission capacity from Sweden to Finland, there is need for power reserve in Finland**

Presumptions:

- Power reserve capacity in Finland 600 MW.
- Power reserve capacity in Sweden 2000 MW.
- Capacity missing on the Elspot market in price area Finland: 200 MW.

Activated power reserves (total 200 MW):

- In bidding area Finland 200 MW.
- In bidding area Sweden 0 MW.