



ELIA-FEBEG VOLUNTARY TRANSPARENCY INITIATIVE: **Clarification regarding the publication of Belgian Generation Operational Data**

Version July 2012

Introduction

At the launch of Belpex in November 2006 the FEBEG generation members started, with the collaboration of Elia, a voluntary initiative to gradually improve the publication of generation data so as to create a level playing field for market participants, i.e. making the same information on which to predict price developments available to all.

The information is put at the disposal of the market through the public website of Elia.

Disclaimer

ELIA and FEBEG would like to remind that this initiative is voluntary and welcome that all FEBEG generation members subscribed the initiative. All parties will act in a professional and best effort manner in order to keep the data up to date. However, it is not possible for Elia or FEBEG to check the quality of the data and hence to guarantee that all data are correct. Neither FEBEG, nor ELIA are responsible for the accuracy, completeness, fitness for use or any other attributes of the published data. Any reliance market parties place in the published data therefore strictly at their own risk. Neither Elia, nor FEBEG nor the data providers or primary data owners shall be held liable for any direct, indirect, immaterial, incidental or consequential damages such as loss of revenues (including, without limitation, loss of opportunity etc.).

Market participants are invited to contact ELIA or FEBEG in case errors might be observed. Errors will be corrected as soon as possible within the framework of this procedure.

Scope

The published data are related to generation plants or power units (see definitions below*) for which a contract 'Coordination of the Injection of Production Units' (CIPU) has been signed with ELIA. These generation plants are listed in the publication 'generating facilities'.

(*) Depending on the publication following definitions apply:

- Power unit is understood as an electro-mechanical or electronic facility for generation of electricity;
- Generation plant is either a group of power units on the same physical site which are operationally linked to each other or equal to the power unit itself if no operational link.

The definition of the scope is based on a temporary view - in the framework of this voluntary initiative - on the definition of 'generation plant' and 'power unit' that can be reviewed depending on more precise definitions emerging from European Framework Guidelines and their associated Net Codes once they are enforced.

Publications

Generating facilities

The publication 'generating facilities' provides an overview of technical parameters (type, fuel and nominal technical capacity) and the ARPs (Access Responsible Parties) that execute nominations for the generation plants concerned.

Published information regarding installed capacity will be updated daily at 10:00 am.

The following information is published:

- ARP (Access Responsible Party) that executes nominations for the generation plant;
- generation plant;
- type;
- fuel;
- technical nominal power (MW);
- fuel type for publication;
- remarks (f.i: reason why some information is not published, units in test period, foreseen date of closure,...);

The 7 fuel types for publication are:

- nuclear (NU);
- coal (CP);
- gas (NG);
- liquid fuel (LF);
- water, including the pump storage plants (WA);
- wind (WI);
- other, including waste, biomass, blast furnace gas, etc. (Other).

For multi-fuel plants the data will be sorted by the fuel type for publication that prevailed in the preceding year (e.g. if the primary sources were gas for 20%, coal for 35 % and blast furnace gas for the remaining 45%, the category 'others' will be used).

Available generation capacity forecast

a) Generation capacity forecast by fuel type for all units:

The publication 'available generation capacity forecast' provides an overview of the available generation capacity, aggregated by fuel type, for all units

The available generation capacity forecast is published with an hourly granularity for D+1 till D+7 and with, a daily granularity for the rest of Year Y. From week 38 till week 52 of current year Y, the capacity forecast of year Y+1 is also published.

The published information will be updated daily at 10:00 am based on the latest available generation capacity forecast data sent by FEBEG members to Elia in the framework of this transparency initiative.

The 'available generation capacity forecast' publication may not yet cover 100% of all installed generation capacity.

b) Generation capacity forecast per unit of 100 MW:

The publication 'available generation capacity forecast per unit' provides an overview of the available generation capacity for units of 100 MW and therefore the planned outages period.

The available generation capacity forecast per unit is published with a daily granularity. Only a rolling week is visible when user opens the webpage. The data for the rest of the Year Y is available on demand (data download).

The published information will be updated daily at 10:00 am based on the latest available generation capacity forecast data sent by FEBEG members to Elia in the framework of this transparency initiative.

c) publications indicators:

Coverage ratio:

The coverage ratio will be indicated in % per fuel type. This should be interpreted as the ratio of installed generation capacity (Technical Nominal Power in MW) for a fuel type participating to the 'available generation capacity forecast' publication and the total installed generation capacity (Technical Nominal Power in MW) for the same fuel type as referred to under 'generation facilities' above.

Updates indicator:

Each day new generation schedule messages are sent by ARPs with the latest information. The indicator 'Generation data received' gives an idea of the number of updates received at the time of publication.

Generation schedule

The publication 'generation schedule' provides the submitted day-ahead generation schedule for today and tomorrow, aggregated by fuel type, based on the nominations of the ARP of generation facilities

The generation schedule provides an overview for today and tomorrow of the total installed generation capacity and the total scheduled generation as well as the scheduled generation aggregated by fuel type.

The published information will be updated daily at 7:30 pm based on the day-ahead generation nominations of the ARPs.

Generated energy

The publication 'generated energy' provides a quarter-hourly overview of the energy- aggregated by fuel type- generated by the units for which ELIA has measurement data.

The generated energy of the previous day aggregated by fuel type for publication is published at 9.30 a.m. with a quarter-hourly granularity. The first publication is based on telemetered data.

It should be emphasized that the telemetered data are not validated data. In case of missing data the publication will indicate that the data are incomplete or invalid. ELIA will make its best effort to systematically and as soon as practically possible overwrite these telemetered data with validated data. Only plants where ELIA has telemetered data will be taken into account for the publication of generated energy.

The generated electricity volumes of the last seven calendar days will be updated. Historical information will remain available on ELIA's website.

Forecast evolution of the generation capacity

In addition to this voluntary initiative, ELIA publishes the projected power plants (> 25 MW) and off-shore wind projects that have obtained a permit by the federal minister.

This information will be updated each time a new permit is granted¹.

It should be emphasized that not all projects for which a permit is granted by the federal minister might be realized (no building permit obtained, no environmental permit obtained, investment decision not (yet) taken, ...).

Unplanned outages

The publication 'unplanned outages' provides an overview of last updates of all urgent market messages (²) Elia received regarding unplanned outages that occurred within day.

ELIA will publish - for all power units (²) with a technical nominal power larger than 100 MW - all urgent market messages upon reception (³). Each message will contain the following information:

- the power unit name
- the fuel type;
- the available capacity of the power unit before the outage;
- the available capacity of the power unit after the outage (rounded to 10MW);
- an indication of when the outage occurred;
- an estimate of when the outage will end;
- the timestamp of last received message;
- an indicative reason of the outage

Examples of unplanned outages for a gas fired power plant (350 MW) with combine cycles consisting of 3 power units: 150 MW(power unit 1), 150 MW(power unit 2) and 50 MW(power unit 3):

Outage	Lost of power	Publication
Power unit 3	total	<i>no urgent market message</i>
Power unit 1	< 100 MW	<i>no urgent market message</i>
Power unit 1	> 100 MW	<i>urgent market message for unit 1</i>
Power units 1 and 3	total	<i>urgent market message for unit 1</i>
Power units 1, 2 and 3	total	<i>urgent market message for unit 1 AND urgent market message for unit 2</i>

Planned outages

¹ Federal Law of April 29, 1999 on the organization of the electricity market (article 4).

² The published unplanned outage information will solely be based on the information received by Elia from the FEBEG members in the framework of this transparency initiative.

- The Marcinelle Energie power unit is not participating in the publication 'planned and *unplanned outages*' yet.

³ Sometimes a publication delay can happen due to the publication system



The publication 'planned outages' provides an overview of last changes of planned unavailability of power units ⁽²⁾ Elia received.

ELIA will publish - for all power units ⁽²⁾ with a technical nominal power larger than 100 MW - all market messages upon reception ⁽³⁾. Each message will contain the following information:

- the power unit name
- the fuel type;
- the installed capacity of the power unit;
- the available capacity of the power unit
- the outage start date;
- the outage end date;
- the timestamp of last received message;
- an indicative reason for the changes in the planned outage

Remark: for power plant with combine cycles, see additional explanation regarding the sending of UMM in "unplanned outage" section.

Other general rules agreed within the context of this transparency model

FEBEG will follow neighboring transparency initiatives (in the Netherlands, France and Germany) in order to further harmonize the use of fuel types and definitions as well as other publication rules.
