

User Group 05.12.2013

Feedback WG System Operations

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WG SO 07.11.2013

NC comitology process

NC Operational security

NC Operational Planning & Scheduling

NC Load Frequency Control & Reserves

Winter Outlook

Comitology

- **Pre-comitology: EC drafts text**
- **Comitology: code submitted to member states for discussion and vote**
- **EC needs the assistance of EU Member States in this process**
 - **Comitology Committees are set up :**
 - **for electricity: Electricity X-border meeting**
- **Who is in the X-border meeting ?**
 - **Member States (represented by the FOD Economie for Belgium)**
 - **EC**
 - **(ACER and ENTSO-E are present without voting right)**
- **Acer recommended NC OS, OPS and LFC&R to EC**
- **Implementation in Belgian law: via User group (cfr meeting 26.09.13)**

Presentation of final draft of NC OS, OPS and LFC&R

- **Cfr stakeholder day:**
 - **NC OS:** “umbrella code” with details in NC OPS, LFC&R and ER (Q1 2014)
 - **NC OPS:** most concerned are TSO / DSO:
 - Grid model & data needed fro operational security analysis in # time scales (Y, W, DA, ID)
 - How to perform security analysis
 - Winter & summer adequacy method
 - Possible limited impact on grid users: outage coordination & planning schedules
BUT: in line with current practices (and CIPU procedure)
 - **LFC&R: technical aspects of LFC**
 - Dimensioning (MW)
 - Kind: FCR, FRR, RR
 - Technical limits

ENTSO-E Winter Outlook 2013-2014



Published by ENTSO-E on 28.11.13

Accompanied by an Elia press release, available on the Elia website

Characteristics of the ENTSO-E winter outlook:

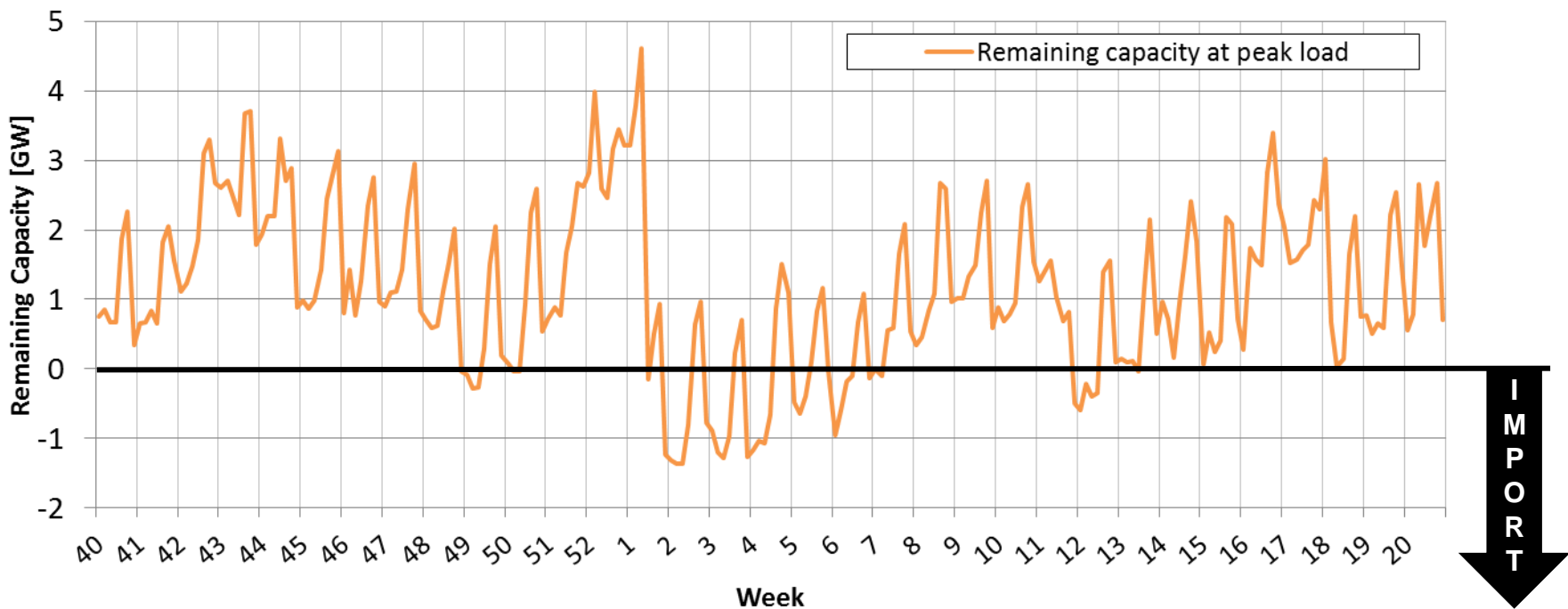
- a **deterministic** assessment of the forecasted situation for the coming winter
- Assessment is NOT a market study. The goal is to detect capability (of every country's and the European) to cope with a possible energy shortage.

Overview:

- A (concise) view on the Belgian situation for the coming winter
- A view on the European situation for the coming winter
- Actions undertaken by Elia to follow-up the Belgian situation during winter

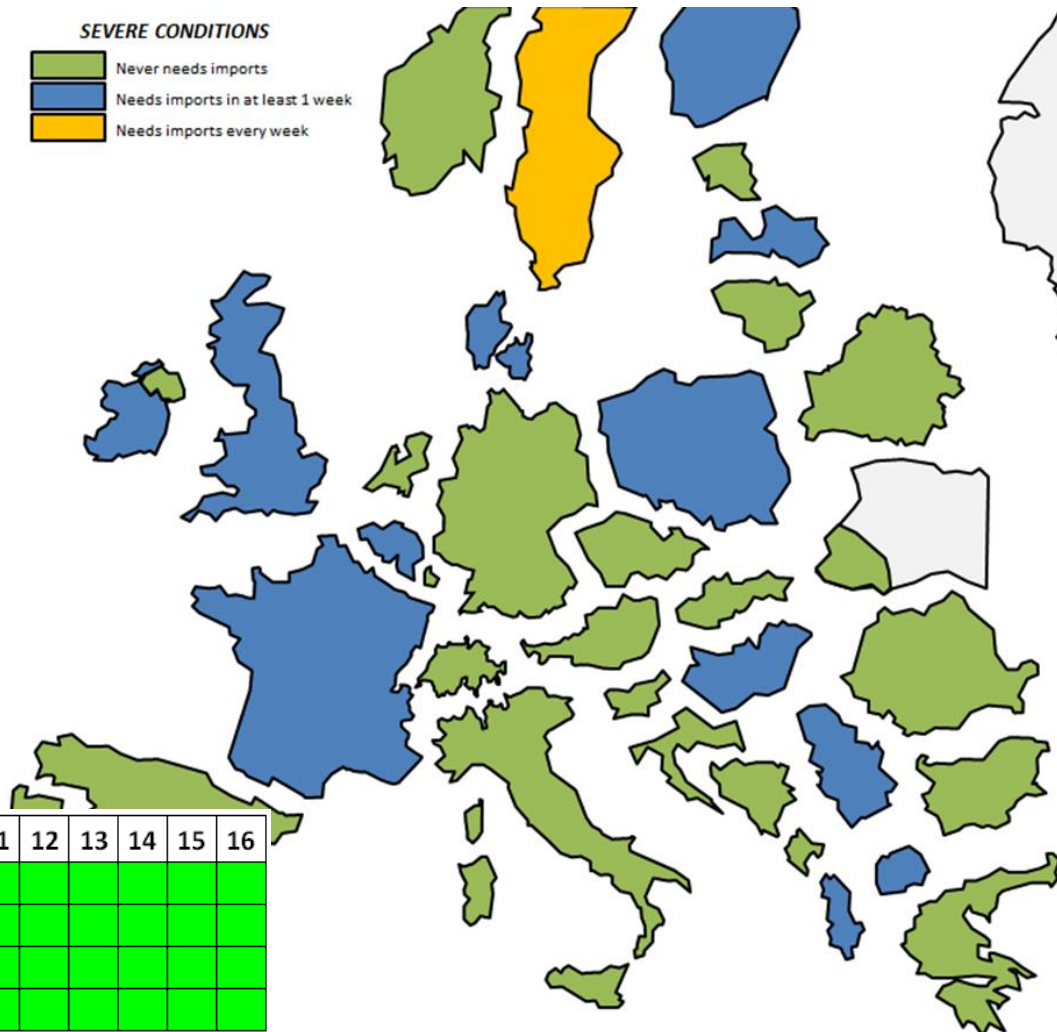
A view on the Belgian situation 2013-2014

- Main reason for less tense situation in Belgium: the additional availability of ca. 2000 MW of nuclear power but -800MW conventional generation
- When the Belgian peak loads are considered, necessary import levels of up to 1.5 GW are to be expected;
- Considering the available cross-border exchange capacities, importing these amounts of energy should be feasible.



A view on the European situation

- Situation **less tense** compared to previous winter
- Traditionally BE and FR are dependent on imports under **severe** winter conditions
- In the CWE region, most margins remain present in the NL system
- More extreme situations are always possible (cfr. Feb 2012), but these are not considered in the ENTSOe winter outlook report.



Severe	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
BE	Green	Green	Green	Green	Green	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
DE	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
FR	Green	Green	Green	Green	Green	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
NL	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

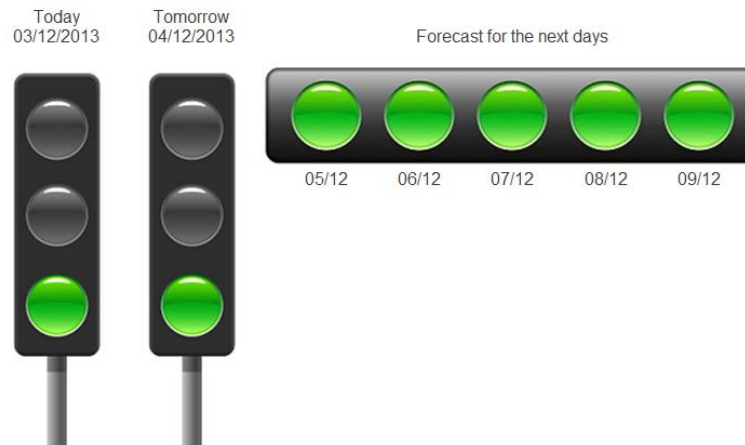
Table 6: weekly stress assessment under severe conditions

Follow-up of the Belgian situation during winter

- Systematic **internal** processes for **monitoring** the real-time and previsional scarcity issues;
- This assessment uses a combination of several **indicators**, including:
 - Temperatures
 - Net positions of CWE countries
 - Forecasted remaining margin for Belgium
 - Physical power flows on crucial interconnectors
 - Day-ahead market prices
- A **general scarcity indicator** (real-time and previsional) is published on the Elia website and on the government's **website**

BALANCE BETWEEN ELECTRICITY OFFER AND DEMAND IN BELGIUM

Elia keeps you up-to-date on the balance between electricity offer and demand this winter.



Thank you for your attention