

NC ER Status report

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SO ESC
March 7, 2018

Timeline – milestones (1)

18.12.17 – NC ER EIF

18.12.18 – each EU TSO shall submit to NRA for approval (art.4(2)) :

- a) the terms and conditions to act as defence service providers **on a contractual basis** in accordance with paragraph 4;
- b) the terms and conditions to act as restoration service providers **on a contractual basis** in accordance with paragraph 4;
- c) the list of SGUs responsible for implementing on their installations the measures that result from mandatory requirements set out in Regulations (EU) 2016/631, (EU) 2016/1388 and (EU) 2016/1447 and/or from national legislation and the list of the measures to be implemented by these SGUs, identified by the TSOs under Art. 11(4)(c) and 23(4)(c);
- d) the list of high priority significant grid users referred to in Articles 11(4)(d) and 23(4)(d) or the principles applied to define those and the terms and conditions for disconnecting and re-energising the high priority grid users, unless defined by the national legislation of Member States

Timeline – milestones (2)

18.12.18 - each EU TSO shall submit to NRA for approval (art.4(2)) :

- (e) the rules for suspension and restoration of market activities in accordance with Article 36(1);
- (f) specific rules for imbalance settlement and settlement of balancing energy in case of suspension of market activities, in accordance with Article 39(1);
- Proposal referred to points (a), (b), (e), (f) and (g) of art. 4(2) shall be publicly consulted

18.12.18 – each EU TSO shall notify NRA system defence plan and restoration plan (art.4(5))

18.12.19 – each EU TSO shall submit to NRA for approval (art.4(2)) :

- (g) the test plan in accordance with Article 43(2).

Timeline – milestones (2)

18.12.20 - ENTSO for Electricity shall submit to the Agency a report assessing the level of harmonisation of the rules for suspension and restoration of market activities established by the TSOs and identifying, as appropriate, areas that require harmonisation

Regional coordination (art. 6) (1)

Each EU TSO when designing system defence plan and restoration plan shall ensure consistency (within SA and with neighbouring TSOs belonging to another SA) the following measures (6(1)) :

- a) Inter-TSO assistance and coordination in emergency state (defence plan);
- b) Frequency management procedures (defence plan & restoration plan);
- c) Assistance for active power procedure (defence plan);
- d) Top-down re-energisation strategy (restoration plan).

Regional coordination (art. 6) (2)

By **18 December 2018**, each TSO shall transmit the measures referred to art. 6(1) to the relevant RSC(s) set up pursuant to Article 77 of Regulation (EU) 2017/1485. → but RSC pursuant SO GL will be set up **27M** (12M art.75 + 6M NRA + 3M art.76 + 6M NRA) after SO GL EIF (**Dec. 2019**). (?) Within 3 months from the submission of the measures, the RSC(s) shall produce a technical report on the consistency of the measures based on the criteria set out in art 6(2).

The RSC(s) shall transmit without delay the technical report referred to in paragraph 3 to all the TSOs involved, which shall in turn transmit it to the relevant regulatory authorities, as well as to ENTSO for Electricity, for the purposes of Article 52.

Regional coordination (art. 6) (3)

All TSOs of each capacity calculation region shall agree on a threshold above which the impact of actions of one or more TSOs in the emergency, blackout or restoration states is considered significant

→ threshold taken from CSAM

Communication systems (art. 41)

Each TSO shall establish, in consultation with the DSOs and SGUs identified in accordance with Article 23(4) and with restoration service providers, the **technical requirements** to be fulfilled by their **voice communication systems** as well as by the TSO's own voice communication system in order to allow their interoperability and to guarantee that the TSO's incoming call can be identified by the other party and answered immediately – shall apply from **18.12.2022**

Tools and facilities (art. 42) (1)

1. Each TSO shall make available **critical tools and facilities** referred to in Article 24 of Regulation (EU) 2017/1485 for at least 24 hours in case of loss of primary power supply – shall apply from **18.12.2022**.
2. Each **DSO** and **SGU** identified pursuant to Article 23(4) as well as restoration service provider shall make available critical tools and facilities referred to in Article 24 of Regulation (EU) 2017/1485 and used in the restoration plan for at least 24 hours in case of loss of primary power supply, as defined by the TSO – shall apply from **18.12.2022**.
3. Each TSO shall have at least one geographically separate backup control room. The backup control room shall include at least the critical tools and facilities referred to in Article 24 of Regulation (EU) 2017/1485. Each TSO shall arrange a backup power supply for its backup control room for at least 24 hours in case of loss of primary power supply – shall apply from **18.12.2018**.

Tools and facilities (art. 42) (2)

5. Substations identified as **essential for the restoration plan** procedures pursuant to Article 23(4) shall be operational in case of loss of primary power supply for at least 24 hours – shall apply from **18.12.2022**.

IMPORTANT :

- List of measures (and deadline for each measure) to be implemented to fulfill art. 41 & 42 have to be ready till **18.12.2018**.

Monitoring (art. 52) (1)

1. ENTSO for Electricity shall monitor the implementation of this Regulation in accordance with Article 8(8) of Regulation (EC) No 714/2009.

Monitoring shall cover in particular the following matters:

- a) identification of any divergences in the national implementation of this Regulation for the items listed in Article 4(2);
- b) consistency assessment of system defence plans and restoration plans carried out by TSOs in accordance with Article 6;
- c) thresholds above which the impact of actions of one or more TSOs in the emergency, blackout or restoration states is considered significant for other TSOs within the capacity calculation region in accordance with Article 6;
- d) the level of harmonisation of the rules for suspension and restoration of market activities established by the TSOs in accordance with Article 36(1) and for the purposes of the report provided for in Article 36(7);
- e) the level of harmonisation of the rules for imbalance settlement and settlement of balancing energy in case of market suspension, referred to in Article 39.

Monitoring (art. 52) (1)

2. The Agency, in cooperation with ENTSO for Electricity, shall produce by 18 December 2018 a list of the relevant information to be communicated by ENTSO for Electricity to the Agency