

WGSO EMD – Users Group

Datum: 20/11/2018

Elia – EMP 0.01

Participants

Bram Dewispelaere	EdF Luminus
Michaël van Bossuyt	Febeliec
Steven Harlem	Febeg
Eric Dekinderen	Engie
Xavier Coppin	Engie
Christian Cuijpers	CREG
Filip Carton	Elia
Peter Van Meirhaeghe	Elia
Fortunato Villella	Elia
Raphaël Castadot	Elia

Nota

1. Timing and deliverables

Elia summarizes the main milestones:

- Public consultation is now over
- Preparation of a consultation report with the comments received during the public consultation
- Submission of NCER documents on December 18th 2018
- Submission of Black Start incentive report to CREG on December 20th 2018
- Preparation of test plan and the second version of T&C for RSP in 2019
- Documents sent to Coreso in June 18th, 2019. Coreso to produce a report by September 2019.

Febeg asks if the consultation of the System Defence Plan (SDP) and Restoration Plan (RP) is formal or informal. Elia answers that it is a formal consultation with stakeholders but it is not a public consultation.

Febeg asks to whom the SDP and RP will be transmitted. Elia says that it will be sent to the CREG for approval except if there is an update in het Staatsblad/Moniteur Belge. The goal remains that the Minister of Energy will approve the plans, based on an advice of the Creg, the DG Energy of the FPS Economy and the CGCCR (only for the RP).

Engie mentions Article 6(3) of the NCER which states the Regional Security Coordinators (RCSs) will produce a technical report by 18th March 2019. Engie asks if the Ministers should wait for the technical reports. This subject has been addressed during the NCER Expert Team Meeting of 22/11/2018. As a conclusion, EntsoE recommended to all EU TSOs to inform at the latest on 18 December 2018 their NRA that

- As the RSC(s) will not be established by 18 December 2018 (pursuant to article 77 of SO GL) the TSO cannot fulfil article 6(3) of NC ER; i.e. submit regional coordination measures to the relevant established RSC(s) by 18 December 2018.

- EU TSOs are nevertheless willing to deliver on a voluntary and early implementation basis to “bodies” called “RSC” the regional coordination measures defined on article 6(3) NC ER. EU TSOs strive to provide the documents to the “RSC” in July 2019.

Elia mentions the stakeholders will be involved in the development of the test plan through WGSO in 2019.

2. List of deliverables

Febeliec asks if the list of SGUs will be provided. Elia answers that the each identified SGU will be informed but that the list of individually identified SGU will remain confidential.

Febeliec insists that Elia remains responsible for the quality of the translation.

Engie asks if the documents should be transposed at the regional level (VREG, ...). Elia will check.

3. Communication system

Elia presents two EntsoE guiding documents. These guiding documents are not legally binding but give an interpretation regarding communication requirements and critical tools, means and facilities. Febeliec mentions that these guiding documents have not been discussed with stakeholders. The documents are not public. One is finalized within EntsoE (in appendix of the report). The second will be added soon, after final approval within Entsoe.

Engie asks if these documents foresee the use of public satellite. Elia says that the use of public satellite networks is not recommended, because there is a risk for saturation during a blackout. Elia foresees to invest in a private satellite network to be fully redundant. Engie thinks the use of a satellite when batteries are also present is not necessary. Elia answers the satellite network will also be used for data-transmission.

A high-level concept of the information exchange between Elia and its stakeholders, when in the emergency, blackout or restoration states is presented by Elia.

Engie asks if a signal “Test Communication” is foreseen. Elia answers that a “good reception” signal is expected from stakeholders. For Scada systems, it is possible. For the other channels, the technical feasibility is still to be demonstrated. Elia says that further consultation within the WGSO is foreseen on this subject in the course of 2019.

4. System Defence Plan

Febeliec finds the versioning not clear and asks Elia to clarify. For Elia, V1 corresponds to the first version that will be submitted to the CREG.

Febeliec insists strongly on the difference between public DSOs and other type of DSOs such as transmission or distribution connected Closed DSOs. Numerous comments are made on this specific distinction. Elia will clarify in the text and crosscheck with its Legal department.

To remain succinct, the present meeting minutes consider only blocking comments made on the System Defence Plan. Comments on the layout, spelling, ... are not retained here but will be considered in the System Defence Plan.

4.1 List of SGUs

Engie asks if Renewable Energy Sources (RES) are classified also SGU. Elia answers that they are not à priori excluded. Engie insists that technical capabilities should be taken into account. Elia agrees.

4.2 Procedures of the System Defence Plan

Frequency Deviation Management Procedure (§7.1)

EdF Luminus asks if the setpoints asked by Elia correspond to incremental/decremental bids. Elia explains that before instructing the PGM to follow a setpoint, Elia will first activate available I/D bids according to the valid market rules. If there are no bids remaining, Elia can ask to follow an active power setpoint as a measure of the system defence plan, without remuneration. Engie reacts that having to follow a specific setpoint while markets are not suspended could create an important imbalance for BRPs. EdF Luminus wants a correction of the BRP perimeter in such case.

CREG asks which action will have the priority between manual load shedding and the request to follow a specific setpoint. Elia answers that the request to follow a setpoint will occur before the manual load shedding.

Febeliec wants to clarify which PGMs are impacted by the participation to aFRR? Only PGM of type C and D or also the other. Febeliec thinks that a clarification on the status of non-CIPU units is also needed. Elia replies that the aFRR signal will be frozen, independently of the type of units.

Febeg and EdF Luminus remind that if you change a setpoint, you impact more than just the producer.

Febeliec thinks the flowchart present in the frequency procedure in the previous version of the SDP has an added value and asks Elia to put it back. Elia removed the flowchart to lighten the document but will think about it.

Voltage Deviation Management Procedure (§7.2)

Febeliec asks to specify that it apply to all future HVDC connections and not only NLL (NemoLink Limited). Elia agrees, it will be checked in the Restoration Plan as well.

Activation of Emergency Reserves (§7.4)

Febeliec highlights that it will be difficult to check if this action has been well executed. Elia agrees but expects cooperation to stabilize the grid and avoid a blackout situation.

CREG wants to know if there is an agreement for inter-TSO emergency assistance. Elia answers that inter-TSO assistance agreements already exist but not in Emergency states. Discussions are ongoing on this matter.

EdF Luminus asks clarification on the concept of emergency reserves. Elia refers to Article 21 of Regulation EU 2017/2196 and adds that the technical feasibility is taken into account. Elia is aware that it is difficult to know what will be available. Febeliec reacts and asks if emergency generators are included. Elia answers that it is not intended to target emergency (diesel) generators, as their primary objective is to ensure safety. Engie highlights that emergency generators provide active power locally but not to the grid, in contrast to the emergency reserves, which aim to supply active power to the grid.

Febeliec asks to clarify the type of reserves. Active power is mentioned at some places but not everywhere. Elia clarifies: it consists of active power. Demand response providers should not go to 0 if Elia activates the assistance for active power procedure.

Elia says it will investigate the usefulness to keep the “activation emergency reserves” in the system defence plan or not.

4.3 Information exchange

Emergency Elia (§8.1)

Febeliec wants to clarify to which PGM it is referred. PGM type C and D only or is it also the goal that solar panels owner also receive Emergency Elia? Elia clarifies that PV owners will not be impacted. Febeliec asks Elia to specify the type of PGM everywhere in the document.

5. Restoration Plan

Febeliec insists strongly on the difference between public DSOs and other type of DSOs such as transmission or distribution connected Closed DSOs. Numerous comments are made on this specific distinction. Elia will clarify in the text and crosscheck with its Legal department.

Febeliec asks how the systems state should be communicate to Elia. Elia answers that blackout proof Elia phones will be installed. Febeliec states that transition measures should be foreseen during the roll out.

Engie asks if, during grid restoration, Elia will contact the BRP or directly the power plant. Elia answers the power plant will be contacted directly. Engie wonders what the role of the BRP is during restoration if power plants are contacted directly. Elia will investigate this.

Engie asks clarification on the power frequency control mode described by Elia .The definition will be added.

Engie asks to clarify if the responsibility of the NCC of Elia for coordination between the PGMs in the re-energized part of the grid is only valid when connected to the 380 kV. Elia answers that you cannot connect two regional grids directly with each other, without going through the 380 kV grid.

Febeliec asks if the list of messages in §11.1.2 is exhaustive. Elia confirms there will be only three short messages giving essential information immediately after the detection of the blackout. This is to speed up the mobilization of the governmental crisis cells.

Next steps

- **Next WGSO meeting** : March 12th 2019, 9.30 h

Appendix 1 - Implementation Guide for the Communication Systems Requirements