ENTSO-E Approach to RPP Implementation

Electricity Coordination Group Meeting, 10 July 2018
Risk Preparedness Regulation - Provisional Timelines (*)

0 ENTSO-E task force proposal on RPR

1 Methodology to identify regional electricity crisis scenarios

2 Short term adequacy methodology proposal

3 Regional electricity crisis identification and submission to ECG

4 National electricity crisis identification

ACER opinion on Methodology - Short term adequacy

ACER Opinion on Methodology - regional electricity crisis scenarios identification

Regional electricity crisis identification and submission to ECG

Publication of Risk Preparedness Plans

Q1 ‘19 Q2’19 Q3’19 Q4’19 Q1’20 Q2’20 Q3’20 Q4’20

(*) Based on Council’s version from 20 December 2017

Assumed RPP regulation EIF

ENTSO-E task

(*) Based on Council’s version from 20 December 2017
Electricity Risk Preparedness draft Regulation

ENTSO-E to propose methodology for identifying relevant crisis scenarios in a regional context, on the basis of the following risks:

- Rare and extreme natural hazards;
- Accidental hazards going beyond the N-1 security criterion;
- Consequential hazards including fuel shortages;
- Malicious attacks

Critical grid situation leading to electricity crisis

A Critical Grid Situation is a potential emergency state, c.f. SO GL article 18(3), identified in the operational planning phase. During a Critical Grid Situation the available regular countermeasures are exhausted and therefore TSO(s) are required to take regionally coordinated extraordinary countermeasures.
ENTSO-E Consultation Approach – Pan European Crisis Methodology

1. Ensure a common methodology for risk assessments
   - Gather status quo
     - Propose approach to Consultation and Engagement
     - Gathering existing experience from countries
   - Develop methodologies
     - Develop Pan-European methodologies based on existing experiences (Regional, National, etc)
   - Alignment
     - Check alignment with TSO emergency and restoration preparedness plans
   - Stakeholder consultation
     - Building consistent national/regional/Pan-European methodologies together with stakeholders
   - Identification of crisis scenarios

- Expected EIF Q1 2019
- Submission to ACER Q3 2019
## Risk Preparedness - Steps

### Project Initiation
March-May 2018
- PID
- Project Plan
- Governance
- ENTSO-E Organisational Structure for RPR Programme
- Communication & Engagement Plan

### Data Gathering
June-August 2018
- Gathering process of international standards, existing hypotheses, methodologies and procedures of TSOs, RSCs, NRAs & MS
- Library & documentation

### Draft Methodology
August – December 2018
- Consistent approach for definitions, wording & language
- Methodology skeleton
- Drafting process
Risk Preparedness - Current status

Overview – Data Gathering

Data Gathering

• Gathering process of international standards, existing hypotheses, methodologies and procedures of TSOs, RSCs, NRAs & MS

• Library & documentation

Data Gathering Process Pt 1

EC received input from 2015 survey

Survey tool prepared to follow up on TSO & RSC data

Previous information of surveys, task forces, committees, International standards, has already been captured

by end July

Data Library

Develop a consistent approach of existing practices

Develop Documentation of existing Procedures & Regulations

Consolidation of existing documentation

by end Aug 18
Proposed Methodology - Approach

- Identify regional crisis scenarios based on existing data. (Surveys, risk heat maps etc)
- Establish a risk analysis approach (likelihood-impact) (ISO 31010) and Incident Classification Scale
- Ensure approach is applicable in a regional context for transboundary issues.
- Establish a means of communicating risk awareness. (Critical Grid Situations)

**What?**

The methodology will need to encompass an observability element in order to trigger the above process.
ENTSO-E Consultation Approach

Data Gathered

- ENTSO-E has received the copy of the review study carried out in 2015 into existing national rules for risk preparedness.
- The report provides a high level view on where electricity supply risk assessments exist and who is responsible but not methodology applied.

Information Requested July and August

- ENTSO-E is currently requesting via our website/consultation hub for TSO’s to provide existing methodologies for identifying electricity crisis scenarios.
- We would like to expand the survey to include Electricity Coordination Group (ECG) Representatives to ensure support with the TSO’s and ability to contribute if applicable.

Consultation Hub

- The consultation hub is confidential and as a private consultation is not visible to external parties.
- The hub provides a platform for documents to be attached.
ENTSO-E Consultation Approach

- ENTSO-E will produce a short newsletter by email on a bimonthly basis (e.g. Sept, Nov) informing on the developments for the Risk Preparedness Methodology.

- For more information about the Risk Preparedness Programme please contact Bruce Riddington, Risk Preparedness Project Manager at ENTSO-E

- Contact details will be provided on the consultation hub and via email.