

# Stakeholder consultation on the "Deterministic Frequency Deviations" report

## Overview

ENTSO-E has recently finalized a draft report on "Deterministic Frequency Deviation" (DFD) which is now submitted for feedback **for a period of two months and until 3 February 2020 (23:59)**. A set of selected questions is provided to guide your effective feedback, giving you the opportunity for an overall opinion as well.

The report follows up on the recommendations and actions of the relevant technical report (published [here](#) [https://www.entsoe.eu/Documents/News/2019/190522\\_SOC\\_TOP\\_11.6\\_Task%20Force%20Significant%20Frequency%20Deviations\\_External%20R](https://www.entsoe.eu/Documents/News/2019/190522_SOC_TOP_11.6_Task%20Force%20Significant%20Frequency%20Deviations_External%20R)) that investigated the events during 9 and 11 January 2019 and identified the Causal Factors and mitigating actions to prevent a re-occurrence of this type of event.

This report elaborates on the general approach for mitigating and alleviating the DFDs in Continental Europe (CE) and proposes to set common DFD targets for the Synchronous Area of CE. The solutions for mitigating the DFDs can be different from TSO to TSO, depending on the technical and market preconditions, but the final objective is to commonly reduce the individual contribution of the LFC Blocks to an acceptable level of DFDs.

The report can be found [here](#) [<user\\_uploads/report\\_deterministic\\_frequency\\_deviations\\_final-draft-for-consultation.pdf>](#) .

A preview of all the questions in this consultation can be accessed [here](#) [<user\\_uploads/preview-of-the-consultation-and-questions.pdf>](#) .

## Why we are consulting

ENTSO-E welcomes inputs from all relevant stakeholders on the report and the proposals that includes.

The objective is to receive and assess usefull feedback with a view to improving the recommendations of the report.

The consultation will be open for a period of two months.

## Introduction

### 1 What is your name?

Name (Required)

### 2 What is your email address?

If you enter your email address then you will automatically receive an acknowledgement email when you submit your response.

Email (Required)

### 3 What is your organisation?

Organisation (Required)

### 4 I want my answer to remain anonymous. If you tick this box, we will publish your comments but we will not publish your name and organisation.

I want my answer to remain anonymous

### 5 I want my answer to remain confidential - If you tick this box, we will not publish your answer to this consultation

I want my answer to remain confidential

### 6 I agree to ENTSO-E's Consultation Hub privacy policy

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## Content related questions

Please respond to any of the following questions as concise as possible.

All questions are drafted as open-ended questions and you will be asked to provide your views in the "comments" space.

**1** Do you see any effects of Deterministic Frequency Deviations on consumers or generation units in your portfolio today?

Comments

**2** Are you already participating in any initiative to reduce frequency variations in Continental Europe ? If so, which one(s)?

Comments

**3** One of the proposed solutions is to move towards 15 minute Market Time Unit for internal and cross-border energy exchanges. What would be the positive or negative effects of this on your business?

Comments

**4** What do you see as main (remaining) hurdles to move towards 15 Minute Market Time Unit for Intraday and Day-Ahead energy markets?

Comments

**5** One of the proposed solutions is to set requirements on ramping for Generation units. Do you have fast-acting generation units (ramping up or down in less than 5 minutes) in your portfolio?

Comments

**6** Would you be willing to enable slower ramp up and ramp down (5 minutes or more) of these fast-acting generation units? What would you need in terms of rules or regulations?

Comments

**7** An identified cause of deterministic frequency deviations is the simultaneous starting or stopping of generation units or significant load at specific moments in time, usually at the change of an hour. Would you be willing to spread start and stop of units over a longer period ? What would you need in terms of rules or regulations to be able to do this?

Comments

**8** One of the proposed solutions is to have ramping included in all Schedule exchanges between ISPs. What do you see as main hurdles towards implementation of such a solution?

Comments

**9** Would the introduction of ramping in schedules lead to slower ramping of generation units in your case? What would you need in terms of rules or regulations?

Comments

**10** Do you see a future in having Battery Storage participating to Fast Frequency Reserves, which would help to reduce DFD? Do you have access to Battery Storage with such capability?

Comments

**11** Do you have any other important comment to share on the report?

Comments