

Update on Expert Groups On-going and planned activities

ENTSO-E

8th Grid Connection European Stakeholder
Committee Meeting

14 December 2017, Brussels

Public Workshops

- **3rd Public Workshop on Freq. Stability Parameters – 4th Oct 2017**
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3rd Public Workshop on Freq. Stab. Parameters

- October 4th in Brussels – Invitation sent
- 38 participants (present and web-connected)
 - 20 non-TSOs
- The workshop focused on:
 - Demand Response System Frequency Control (DR SFC)
 - Frequency ranges of automatic connection and gradient of active power increase
 - Auto reconnection after an incidental disconnection
 - Admissible active power reduction at low frequencies.

Agenda and more information are announced [here](#)

Frequency stability parameters

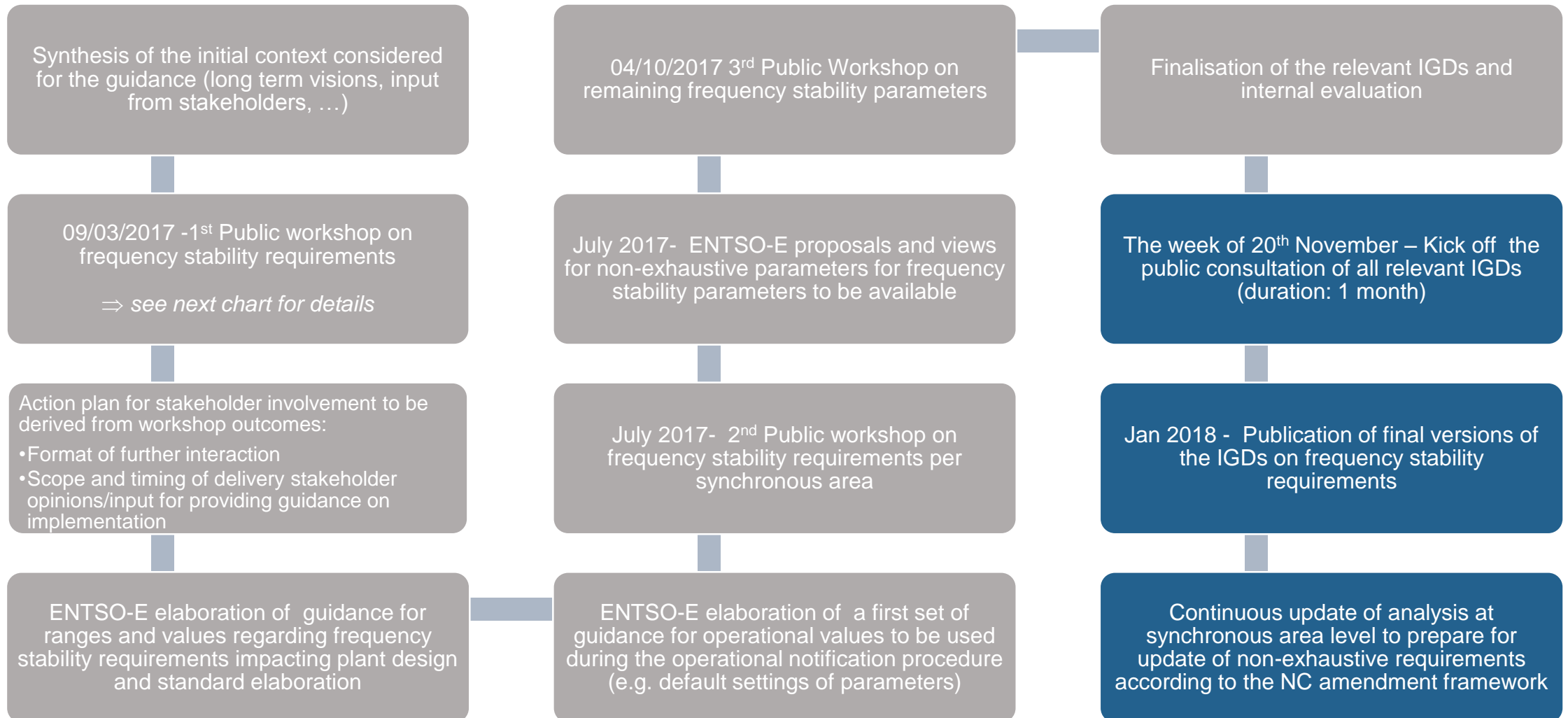
On-going public consultation – **Agenda item 6**

8 IGDs prepared and submitted for consultation

- New** ↑
- **Frequency Sensitive Mode**
 - RfG, Article 15(2)(d)
 - RfG, Article 15(2)(e)
 - **Limited Frequency Sensitive Mode**
 - RfG – Article 13(2)
 - RfG – Article 15(2)(c)
 - **Demand Response – System Frequency Control**
 - DCC – Article 29(2)
 - **Frequency Ranges**
 - RfG - Article 13 and Article 16(2)(a)
 - DCC - Article 12
 - HVDC - Article 11 and Article 39(2)(a)
 - **Maximum Admissible active power reduction at low frequencies**
 - RfG Article 13(4) & (5)
 - **Automatic (re-)connection and rate of change of active power**
 - RfG Articles 13(7) and 14(4)
 - **Rate-of-change-of-frequency withstand capability (RoCoF)**
 - RfG - Articles 13(1)(b) and 15(5)(b)(iii)
 - DCC - Articles 28(2)(k) and 29(2)(g)
 - HVDC - Articles 12 and 39(3)
 - **Need for synthetic inertia for frequency regulation**
 - RfG - Article 21(2)(a)
 - DCC – Article 30(1)
 - HVDC - Article 14(1)
- ↓ **Update**



Roadmap to completion



Consultation close 21/12/2018

https://consultations.entsoe.eu/system-development/entso-e-connection-codes-implementation-guidance-d-4/consult_view/



Search consultations



Consultation Hub Find Consultations



ENTSO-E Connection Codes Implementation Guidance Documents_Frequency Stability Parameters

Overview

Europe currently has three connection network codes: Requirements for generators (RfG), Demand Connection (DCC) and High Voltage Direct Current (HVDC). RfG has entered into force on 17 May 2016, the DCC on 18 August 2016 and the HVDC on 8 September 2016.

The Member States have the obligation to implement these codes no later than three years after their entry into force. Within this timeframe the Member states have 2 years to define the national specifications for the so-called non-

Closes 21 Dec 2017

Opened 20 Nov 2017

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Overview plan for next months

