

# Joint European Stakeholder Group



Tuesday 13 November 2018  
Meeting 35

# Agenda

ID	Title	Lead	Time
1.	<b>Welcome &amp; Introductions</b>	Chair	10:00 - 10:05
2.	<b>National Grid Update:</b>	National Grid	10:05 – 10:35
3.	<b>Brexit</b>	BEIS	10:35 - 11:20
4.	<b>Review of Actions log</b>	Andrew Hemus (JESG Technical Secretary)	11:20 - 11:25
5.	<b>Future Meeting Dates &amp; Agenda Items</b>	Andrew Hemus (JESG Technical Secretary)	11:25 – 11:30
6.	<b>Stakeholder Representation</b>	Chair	11:30 - 11:35
7.	<b>Any Other Business</b>	All	11:35 - 11:45

# 1. Welcome & Introductions

Garth Graham

Independent Chair (alternate)

# 2. National Grid Update

Bernie Dolan  
National Grid

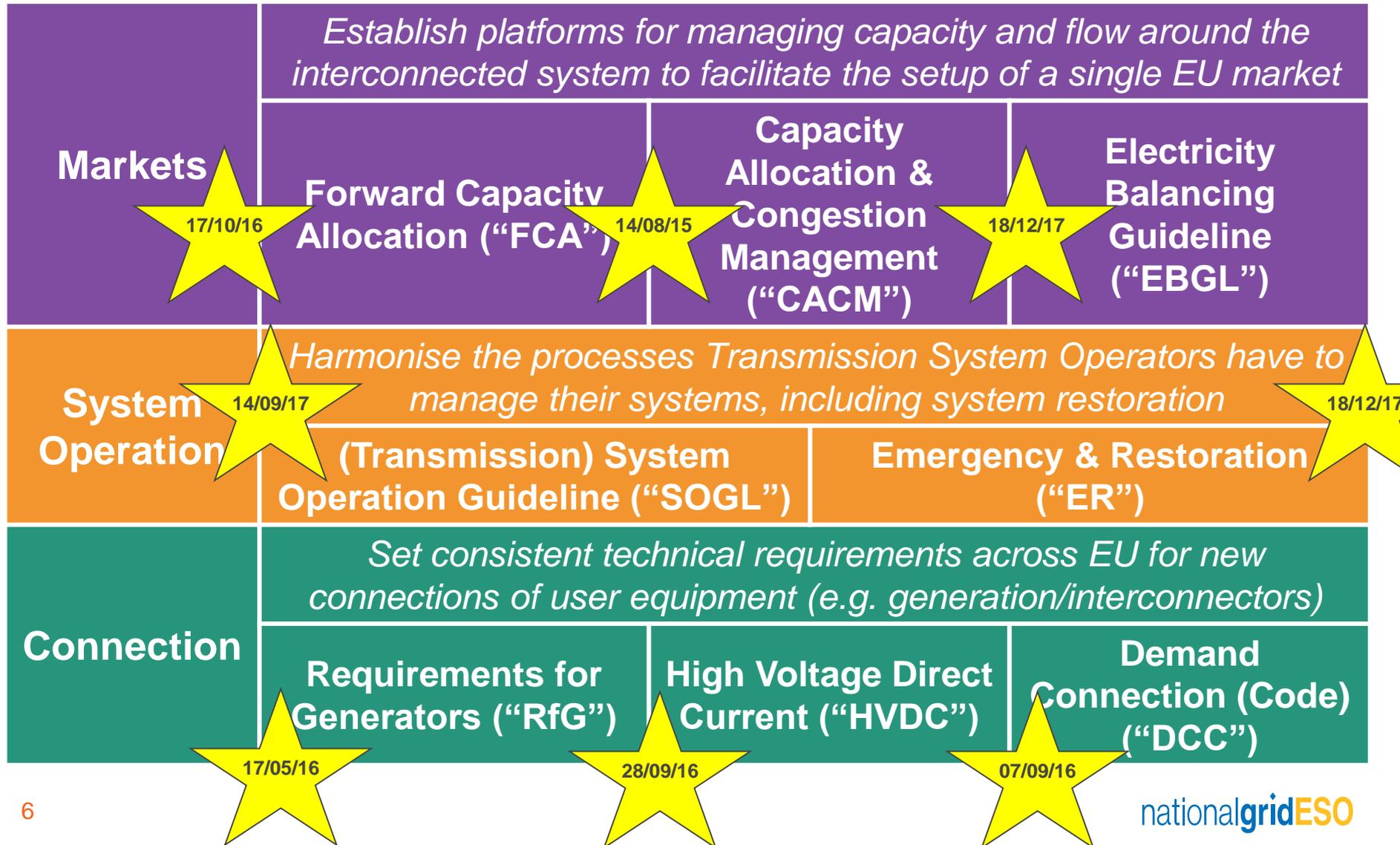
# European Network Codes

JESG 13 November 2018

Bernie Dolan



# European network codes



# Market Codes



*Establish platforms for managing capacity and flow around the interconnected system to facilitate the setup of a single EU market*

## Markets

**Forward Capacity Allocation (“FCA”)**

**Capacity Allocation & Congestion Management (“CACM”)**

**Electricity Balancing Guideline (“EBGL”)**



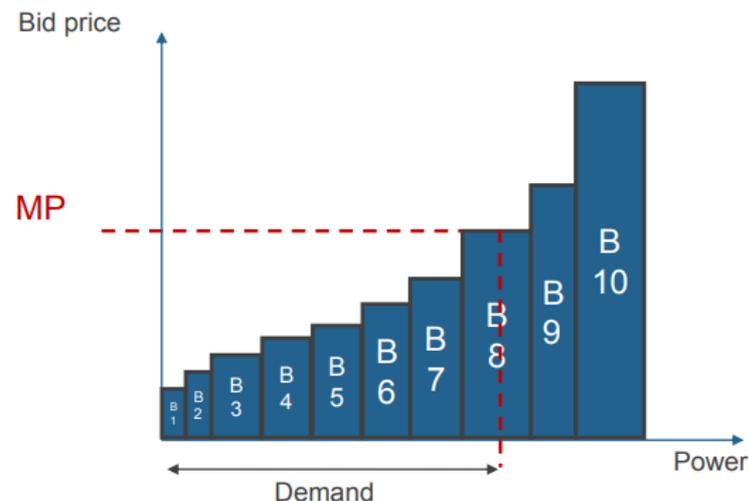
# Electricity Balancing Guideline

## Activation and Pricing methodologies

*The TSO proposals on activation and pricing sets out the activation purposes, classification and pricing of actions*

- Public consultation period 13 September to 13 November 2018 - now closed.
- Workshop 16 October - slides and recording can be found here; <https://www.entsoe.eu/events/2018/10/16/workshop-on-all-tso-proposals-on-activation-purposes-and-pricing/>

All TSOs will now consider the feedback received before the submission to regulators in December 2018.



Process	Activation purpose: balancing	Activation purpose: system constraints
Replacement Reserves (RR)	Yes	Yes
Manual Frequency Restoration Reserves (mFRR)	Yes	Yes
Automatic Frequency Restoration Reserves (aFRR)	Yes	No

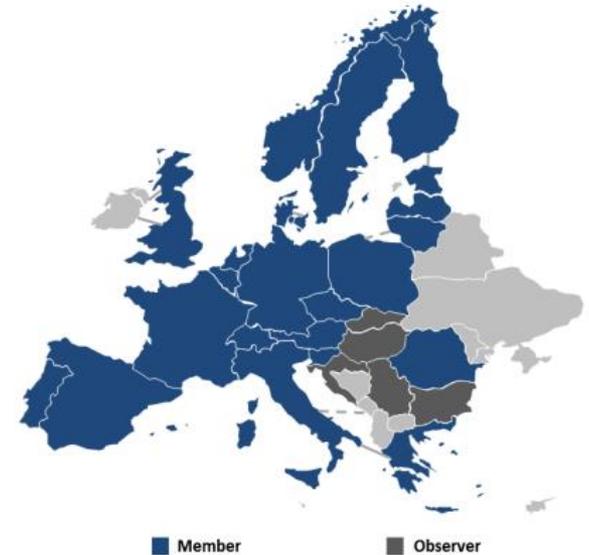
# Electricity Balancing Guideline

## mFRR implementation framework

*The all TSO proposal on the manual Frequency Restoration Reserves (mFRR) defines the standard mFRR product, the timing of the new process, and how congestion management will be handled.*

- Public consultation period 15 May to 16 July 2018 - now closed.
- [https://consultations.entsoe.eu/markets/mfrr\\_implementation\\_framework/](https://consultations.entsoe.eu/markets/mfrr_implementation_framework/)

All TSOs will now consider the feedback received before the submission to regulators in December 2018.



Project MARI members



Figure 3: High-level implementation of the mFRR-platform according to EBGL

## EB GL Article 16.6

*The **price** of the balancing energy bids or integrated scheduling process bids from standard and specific products pursuant to paragraph 4 **shall not be predetermined in a contract** for balancing capacity. (Exemption possible)*

- Webinar held 22<sup>nd</sup> October- giving an overview of this requirement and gathering initial feedback:
  - Questions about how tenders will be assessed if utilisation prices are removed
  - Feedback that it would be crucial to handle the transition / removal of prices carefully and smoothly
  - Calls utilisation prices from long term contracts to be re-visited.
- NGESO are now considering the feedback received and how this would work. A webinar with further information will be scheduled soon.

# Capacity Allocation and Congestion Management & Forward Capacity Allocation

## Channel Day Ahead & Intraday Capacity Calculation Methodology

This methodology determines how much capacity is made available on interconnectors in the Channel region.

Following the 2<sup>nd</sup> NRA request for amendment TSOs in the Channel region have submitted an amended version. Regulatory decision expected 20<sup>th</sup> November 2018.

## Channel and IU Long Term Capacity Calculation Methodologies and splitting rules

TSOs are now developing the long term proposals for capacity calculation, alongside the splitting rules (the split of capacity between long term interconnector products).

TSOs intend to hold a public consultation<sup>11</sup> regarding the proposals in December 2018.

## Channel and IU Coordinated Redispatching & Countertrading

These proposals set out how TSOs should coordinate SO-SO type actions to manage network congestion over interconnectors. TSOs in both regions received NRA requests for amendments which are being progressed with resubmission to NRAs expected in November 2018.

# System Operation



## System Operation

*Harmonise the processes Transmission System Operators have to manage their systems, including system restoration*

**(Transmission) System  
Operation Guideline (“SOGL”)**

**Emergency & Restoration  
 (“ER”)**



# System Operation

## Key Organisation Roles, Requirements and Responsibilities (KORRR)

This all TSO proposal sets out the data exchange between TSOs and DNOs. NRAs requested an amendment in August 2018. TSOs have now submitted the updated proposal to all NRAs for approval, decision expected in December 2018.

[https://www.entsoe.eu/network\\_codes/systems-ops/](https://www.entsoe.eu/network_codes/systems-ops/)

**GC0106** code consultation due to be published by end of November before submission to Ofgem in December 2018.

## System Defence and Restoration Plans

The System Defence and Restoration Plans have been drafted by NGET. The Defence plan highlights measures to be taken to prevent a blackout and the Restoration plan details the steps to be taken in the case of a blackout.

## Market Suspension Rules

Compromise of the rules for suspension and restoration of market activities and a proposal specifying the level of demand loss at which the transmission system shall be in the blackout state, in accordance with SOGL Article 18(4).

**The public consultation for these documents closed on the 25<sup>th</sup> October and submission to Ofgem is due on the 18<sup>th</sup> December 2018.**

# Connection Codes



*Set consistent technical requirements across EU for new connections of user equipment (e.g. generation/interconnectors)*

## Connection

**Requirements for  
Generators (“RfG”)**

**High Voltage Direct  
Current (“HVDC”)**

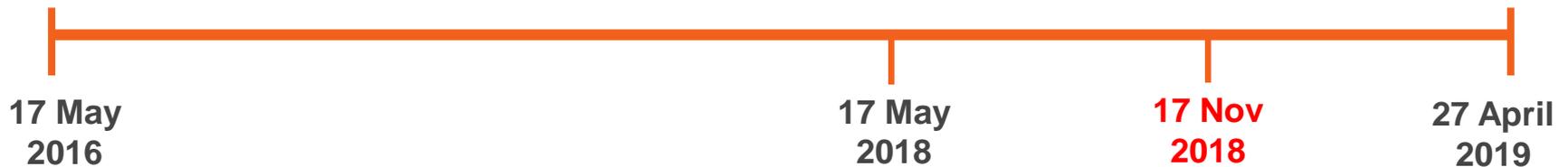
**Demand  
Connection (Code)  
 (“DCC”)**



# Requirements for Generators (RfG) Timeline

You will follow existing GB arrangements if you either:

Connect to the Transmission Network



Or alternatively:

Conclude contract

Notify NGET of contract

**Both** actions in this box must be completed to follow existing GB arrangements

Network Code	Applies to which Users?	Deadline to conclude purchase contract	Deadline to notify NGESO	Date of Compliance
Requirements for Generators	Generators	17 May 2018	17 November 2018	27 April 2019
HVDC	High Voltage Transmission connection, e.g. interconnector or DC-connected Power Park Module.	28 September 2018	28 March 2019	8 September 2019
Demand Connection	Transmission-connected demand or any demand equipment that could provide Demand Side Response.	7 September 2018	7 March 2019	18 August 2019

Videos explaining what to do can be found here:

<https://www.nationalgrideso.com/codes/european-network-codes/meetings/connecting-you-connection-codes-video-series>

# 3. Brexit

Matthew Ramsden (BEIS), Ben Zaycek (BEIS) and Elizabeth Culwick (BEIS)

# 4. Actions log

Andrew Hemus

JESG Technical Secretary

# JESG Standing items

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ID	Topic	Lead Party
S1	Continue to review the membership of the JESG and engage additional industry parties where appropriate.	JESG Chair
S2	Prepare a commentary / comparison document between the Network Code and the existing GB arrangements at appropriate stages in the Code development for each Network Code.	NGET / Ofgem / BEIS
S3	Share any intelligence about how other member states are approaching demonstrating compliance through information gained from other government departments, regulators or parent companies	BEIS / Ofgem / Industry parties with European parent companies

# JESG Open Actions

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ID	Topic	Lead Party	Status	Update
104	Clean Energy Package (15-minute derogation)	(Bernie Dolan)	Open	We suggest reviewing the Clean Energy Package early in the new year when we should have the outputs from the trilogies.

# 5. Future Meeting Dates & Agenda Items

Andrew Hemus

JESG Technical Secretary

# Future JESG Meetings

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- As always registration is required and will be opened through the JESG Weekly updates.
- Stakeholders are invited to put forward agenda items for the forthcoming JESG meetings:

Date	Proposed Agenda Items
<b>Tuesday 11 December 2018</b>	
<b>Tuesday 8 January 2019</b>	

# 6. Stakeholder Representation

All

# 7. AOB