

# DS3 Programme Advisory Council Meeting 30 Minutes

---

**Date:** 29 June 2021  
**Time:** 10:00 – 13:00  
**Venue:** MS Teams  
**Chair:** Eoin Kennedy

<b>Attendees: Name</b>	<b>Representing</b>
Arijit Bagchi	EirGrid
Brian Mulhern	Regulator 2
Carole Devlin	EirGrid
Carsten Junge	Manufacturer 1
Connor Carville	SONI
David Hill	DNO 2
Donal Smith	Renewable 2
Dusko Nedic	EirGrid
Eamonn Confrey	DECC
Emma Fagan	EirGrid
Eoin Kennedy	EirGrid
Ismail Ibrahim	EirGrid
Jag Basi	Conventional 1
Jane McArdle	Renewable 1
Jeremy Vincent	EirGrid
John Carnwath	EirGrid
Judith Sheridan	EirGrid
Kenneth Conway	EirGrid
Liam Ryan	EirGrid
Mostafa Bakhtvar	EirGrid
Noel Cunniffe	Wind Association
Paddy Finn	DSM
Paul Blount	Solar
Peter Harte	New Technology 2
Rachel Berney	EirGrid
Robert O'Rourke	Regulator 1
Simon Tweed	EirGrid
Tony Hearne	DSO 1

**Apologies:**

Graham Stein, Patrick Mohr, Rory Mullan, Federico Rueda Londono, Joe Duddy

#### Previous Actions – Eoin Kennedy, EirGrid

- TSOs confirmed that there will be presentation on the Ramping Margin Tool at the next Market Operator User Group (MOUG) meeting.

#### Industry Presentation 1 – Noel Cunniffe, Wind Energy Ireland

- Noel Cunniffe presented on the Wind Energy Ireland “Endgame” report which sets out the work done by Baringa on a zero-carbon electricity plan for Ireland.
- Zero carbon system services and the possibility to unlock 85% RES-E discussed.
- SEMC decision on low carbon inertia procurement discussed.
- The impact of carbon pricing on interconnector trading discussed.
- Cost to consumer discussed.
- Study does not consider grid limitations (assumption is that all necessary grid reinforcements are delivered).
- Key challenges discussed – delivery of needed grid infrastructure and operating the power system with very low levels of conventional generation.

#### System Summary Data – Emma Fagan, EirGrid

- Wind stats and wind generation levels discussed.
- SNSP data presented for 2020 and 2021 (to date).

#### 70% SNSP Trial Outcome – Kenneth Conway, EirGrid

- Kenneth Conway presented on the results and outcomes of the 70% SNSP Trial.
- Background to SNSP and DS3 discussed – studies / trial period / trial analysis period.
- Key statistics presented.
- Poolbeg reactor trip discussed.
- Trial analysis approach and outcomes discussed.
- TSOs confirmed 70% SNSP as operational policy in March 2021.

#### 75% SNSP Studies – Mostafa Bakhtvar, EirGrid / Ismail Ibrahim, EirGrid.

- Mostafa Bakhtvar and Ismail Ibrahim presented on the approach taken to the 75% SNSP studies and the results.
- Study objectives, timelines and key assumptions presented.
- Key assumptions, including the models used for windfarms, discussed.
- The 75% SNSP trial began in April and is ongoing.

#### DS3 Discussion – Emma Fagan, EirGrid

##### DS3 System Services Procurement

- Gate 4B tender nearing completion.
- Gate 5 tender currently in progress.
- [DS3 System Service Tariff Rate Review Consultation](#) launched on 28 May and closes 02 July.

##### Qualification Trial Process (QTP)

- Update on 2019 QTP presented.

##### Control Centre Tools Updates

- Update on remaining Control Centre Tools projects (Enduring Ramping Margin Tool / Voltage Trajectory Tool) presented.

##### Operational Implementation Updates

- Update on ongoing 75% SNSP and 1 Hz/s RoCoF trials presented.
- Update on planned NI Negative Reserve trial presented.

### Nodal Controllers Updates

- Update on nodal controller trials in Ireland and Northern Ireland.

### FlexTech

- Update on FlexTech presented.
- FlexTech initiatives incorporated as part of broader TSO-DSO plans in Ireland and Northern Ireland.

### Industry Presentation 2 – Peter Harte, Statkraft

- Peter Harte presented on the topics of ramping, reactive power and the system services tariff budget.
- Outcomes of modelling undertaken by Baringa on ramping margin requirements presented and discussed.
- The need for more information for industry on likely future ramping requirements discussed.
- The reactive power regime and the benefit of locational signals presented and discussed.
- The extension of the current system services arrangements to 2024 and the ongoing system services tariff budget consultation presented and discussed.

### 2030 Studies Outcome - Arijit Bagchi, EirGrid

- Arijit Bagchi presented on an upcoming EirGrid Group technical report entitled “Potential Solutions for Mitigating Technical Challenges Arising from High RES-E Penetration on the Island of Ireland”.
- Overarching objective of the report discussed.
- Identified scarcities and potential mitigation options discussed.
- Right mix and optimal location of technologies and services discussed.

### Shaping Our Electricity Future Discussion – Eoin Kennedy, EirGrid

- Eoin Kennedy provided a status update on the [Shaping Our Electricity Future \(SOEF\)](#) consultation.
- Industry and public engagement over the 14-week consultation is now complete. Over 500 submissions received.
- Final roadmap to be published in Autumn 2021.

### Control Centre of the Future Discussion – Simon Tweed, EirGrid.

- Simon Tweed presented on the ongoing Control Centre of the Future project.
- Aim of the project is to develop the TSOs’ control centre capability to safely and securely operate a resilient power system as complexity and uncertainty increases.
- Probabilistic operations discussed - there is a requirement on EU TSOs to have these arrangements in place by 2027.
- Potential areas of development discussed.

### AOB – Eoin Kennedy, EirGrid.

- Dispatching Balancing Costs and the impact that the evolution of operational policy can have on these costs discussed.

**ACTION:** TSOs to present on our future plans for the Grid Codes in Ireland and Northern Ireland at the next DS3 Advisory Council meeting.

Actions	Owner
TSOs to present on our future plans for the Grid Codes in Ireland and Northern Ireland at the next DS3 Advisory Council meeting.	TSOs

Next meeting: September 2021 – Details TBC