

Meeting minutes

Joint Forum

Date: 04/08/2022	Location: MS Teams
Start: 14:00	End: 15:00

Attendees

Attendee	Organisation	Attendee	Organisation
Matthew Rivett	ESO	Gavin Anderson	ENWL
Amy Weltevreden	ESO	Avi Aithal	ENA
Charon Balrey	ESO	Sophie Corbett	NPG
Vicky Chiles	ESO	Gavin Stewart	SSEN
Jenny Mills	ESO	Steve Atkins	SSEN
Jonathan Barcroft	ESO	Tim Manandhar	UKPN
Josh Visser	ESO	Efstathios Mokkalas	UKPN
		Matt Watson	WPD

Agenda

#	Topics to be discussed	
1.	Review actions	All
2.	Winter demand flexibility	Amy Weltevreden
3.	Holistic Network Design update	Jenny Mills
4.	Virtual Energy System deep dive	Josh Visser and Jonathan Barcroft
5.	RDP updates	Matt Rivett and Charon Balrey
6.	AOB	All

Action Item Log

Action items: in progress and completed since last meeting

ID	Description	Owner	Due	Status
4	BP2: how will the barriers associated with ANM and flexibility will be addressed through our BP2 plans?	Ongoing	09/06/2022	Open

Discussion and details

Topics

1. Winter demand flexibility

AW introduced new options that are being developed for the coming winter; the ESO is seeking to develop a simple demand flexibility service that is time limited for this period (1 November 2022 to 31 March 2023). Should the ESO need to call on the service, providers would be asked to reduce their demand in line with the volumes offered for the period they are contracted for.

AW stated that the ESO is keen to understand where interactions between the above service and DNO flexibility requirements and/or ANM operation may conflict and work together with DNOs to understand these further.

MW noted that demand reduction services tend to operate in the same direction to transmission level and so the risk of conflicts arising is low. They stated for work to be carried out to understand the impact on stackability and commercial side.

Other DNO representatives confirmed that they'd be happy to be involved in discussions and or coordinate with relevant internal contacts.

MR and MW also stated that they will take this forward as part of the ENA's WS1a P5 primacy work.

Action: please email Amy Weltevreden (amy.weltevreden@nationalgrideso.com) with contacts from your organisation who are happy to discuss the above further in the next two weeks.

2. Holistic Network Design Update

JM provided an update on the ESO's Holistic Network Design (HND) project, covering its wider context, overview of recommended HND (covering all 18 offshore wind farms in scope to 15 landing points). The key benefits of the project are £5.5 bn saved in costs from 2030 compared to a radial design, £54 bn saved in network investment, increased availability of offshore wind and 2 million tonnes of CO₂e saved between 2030 and 2032.

CB asked whether the project had taken into account the onshore network and current constraints. JM confirmed this to be the case.

Further information can be found here: <https://www.nationalgrideso.com/future-energy/the-pathway-2030-holistic-network-design>

3. Virtual Energy System update

JV and JB introduced the Virtual Energy System (VES), including the programme's objectives, how it works, stakeholder engagement, common framework and use cases.

TM asked, referring to the EDVP and data standardisation, whether electrical metadata and metadata from other vectors and sectors were part of the existing planned outputs. JB responded by stating that they are hoping to build this into the EDVP side as this develops and there will be an element of understanding how to ensure it is compatible with other sectors. They have not selected any standards yet but this will emerge as the demonstrator/use cases progress.

5. RDP updates

MR provided an update on MW dispatch, N-3 and GEMS RDPs.

GEMS:

The conceptual/detailed design work is progressing well. Internally, teams are progressing with discovery work to look at what needs to change operationally.

MW dispatch with WPD:

The team are almost at completion from a contractual perspective. They will be targeting another DER webinar towards the start of September. They also have dispatch capability that has been released into a production environment. Anticipated go-live is towards the end of this financial year.

MW dispatch with UKPN: the team are currently undertaking MVP work around the PID for the project.

CB provided an update on RDPs in development and highlighted the following:

Heysham -NGET have provided a revised TOCO with a build solution. An RDP is not needed in this area.

An initial kick off meeting has taken place for the WPD midlands RDP this week, and the team are in ongoing discussions with NPG.

CB noted that KC has left the team, and so please direct any queries to CB whilst the team recruits for a permanent replacement.

6. AOB

N/A
