

#### Electricity System Operator Mid-Year Review: Open session



Louise van Rensburg 20/11/18



**ESO Mid-Year Review** 

#### Housekeeping

- Fire exits
- Alarms
- Toilets



Session	Agenda items	Timings
	Introduction & Welcome (Louise van Rensburg, Ofgem)	9.30 - 9.35
	ESO's presentation on performance since 1 April	
AM: Open Session	Introduction and overview	9.35 - 10.40
	<ul> <li>Principles presentations and Q&amp;A (P1-2)</li> </ul>	
	Coffee Break	10.40 - 11.00
	<ul> <li>Principle Presentations and Q&amp;A (P3-7)</li> </ul>	
	<ul> <li>ESO closing remarks &amp; AOB Q&amp;A</li> </ul>	11.00 - 12.25
	Closing remarks & next steps (Ofgem)	12:25 - 12:30
	LUNCH	12.30 - 13.30
PM: Closed session	Performance Panel to meet with ESO for Q&A session	13.30 - 15:45



#### Purpose of today

- New 'evaluative' ESO incentives framework introduced from April 2018
- Emphasis on clear up front plans, reported evidence from the ESO and feedback from stakeholders
- The 'Mid-Year Review' is a key stage in the framework opportunity for ESO to update stakeholders on its performance over the past 6 months
- This morning is a chance for stakeholders hear a summary of the ESO's mid year evidence, raise questions and provide direct feedback in the presence of our new performance panel





#### ESO Performance Panel

- Challenges the ESO's forward plans, evaluates its performance and provides recommendations to the Authority on incentives
- Meets for first time later today, then again on 29<sup>th</sup> November to evaluate ESO performance
- Conclusions from Mid-Year Review published on Ofgem website in early December





#### A learning process...

- First year of a very different approach, expect there are lessons we can learn
- Mid-Year Review a good trial for the End-of-Year Review in June 2019
- Welcome your feedback on how to improve the framework going forward lesson learned also feeding into ESO RIIO2 price control design
- `Call for Input' on the 2019-20 incentives scheme design, closes 30<sup>th</sup> November

   please send feedback to <u>ESOperformance@ofgem.gov.uk</u>



#### Welcome

Kayte O'Neill Head of Strategy & Regulation



#### **Plan for today**

- Overview of ESO Performance
- Principles 1 & 2

#### Coffee Break (10.40-11.00)

- Principles 3-7
- All principles Q&A

#### Lunch (12.30)



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#### **ESO Overview**

Fintan Slye Head of UK System Operator



#### The energy landscape has been changing

#### Decarbonisation

## 400%

#### **Decentralisation**

3 times

#### **Digitalisation**

## 12.3 mil

Increase in all renewable capacity since More distributed capacity connected than Smart and advanced meters in homes & 2010 in 2010 businesses in GB









#### System operations are changing as a result





#### The future is uncertain

### Uncertain Demand 3 to 11 million

Electric Vehicles driving on our roads by 2030

# Uncertain Supply **37 to 50 GW**

Of wind capacity generating on the system by 2030

## Uncertain Markets 10s to 1000s

Of active energy suppliers across the country by 2030









#### **Our SO Mission focuses us on delivering value**

We keep the lights on and the gas flowing round the clock for GB energy consumers; we play an essential role in enabling the transition to a more sustainable energy future.

Therefore we believe that:

- We deliver value for consumers first and foremost, while also ensuring that we build and maintain trusted partnerships with our customers and stakeholders
- We influence the energy debate positively with our independent perspective
- Through using markets, data and networks in new ways across gas and electricity, we help move GB towards a more reliable, affordable and sustainable energy world
- An incentivised for-profit model ensures we deliver the best long-term outcomes for consumers, society and the GB
   economy

#### The activities we deliver under our roles are evolving



- 2018-21 incentives framework
- 2021-2026 separate regulatory framework
- 2030 strategy

#### **ESO Incentives**

Duncan Burt Director of SO Operations



#### Incentives for the ESO have evolved

The current scheme has consumer interest at its core



## We made significant progress in the first six months

Considerable progress against our plan: a strong baseline performance and many areas exceeding baseline to deliver improved processes, greater transparency, and new products and services to create real consumer value.

Applying an innovative approach to create value for customers and consumers





Innovative approach to progress balancing Platform for Ancillary Services



Wider access

to the

Balancing

Mechanism

Auction trial



Inertia Voltage monitoring management



Network Options Assessment

Four performance highlights



## We will apply our lessons learned to the next six months

The first six months were a steep learning curve and we continue to embed the scheme within the ESO



Highlights for the next 6 months



#### Principle owners will reflect on progress in more detail



#### **Performance per principle**



#### Principle 1 Richard Smith



Support market participants to make informed decisions by providing user friendly, comprehensive and accurate information

## **Creating efficient markets through transparency**



Your feedback led to our principle refresh and clearer articulation of our activities in a new framework





Principle 2 Roisin Quinn



Drive overall efficiency and transparency in balancing, taking into account impacts of ESO actions across time horizons

## Maintaining our focus on efficiency and security



\*14 in Forward Plan, 6 moved to P1, 2 added
\*\* 2 deliverables were merged into 1

# Coffee break

Please be seated by 10:50



Principle 3 Cathy McClay



Ensure the rules and processes for procuring balancing services maximises competition where possible and are simple, fair and transparent

## **Creating competitive markets for future system needs**









Promote competition in the wholesale and capacity markets

## Providing clear price signals for efficient decision making



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Principle 5 Julian Leslie



Coordinate across system boundaries to deliver efficient network planning and development

## **Enabling long term investment and development**





Principle 6 Julian Leslie



Coordinate effectively to ensure efficient whole system operation and optimal use of resources

## Delivering optimal use of resources across the system



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Facilitate timely, efficient and competitive network investments

## Driving innovation and identifying long term system needs



#### **Questions and Answers**





