

# ► Distributed Generation Owner/Operator Forum

Osborne Clarke, Bristol



building a low carbon economy  
in south west England

regensw  
delivering sustainable energy



# Renewable Futures and Green Energy Awards

The Assembly Rooms, Bath, 28 November 2017

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# Introduction

WPD 2016/17 Incentive on Connections Engagement plan states:

*“...A forum will be developed to provide and gain regular feedback. New processes will be developed to facilitate the provision of improved outage forecasts for new connections and to provide regular updates for connected customers.”*

MW scale asset owner/operators

40 member companies

**Technologies:** solar, wind, storage, AD hydro

# Agenda

**Chair:** Merlin Hyman, CEO, Regen SW

**13.30**      **Arrival, registration and buffet lunch**

**14.00**      **Welcome, introduction and objective setting from the chair**

**14.15**      **Generator portal – feedback from forum**

**14.30**      **Contact with WPD around outages/constraints**

- Introduction of WPD single point of contact
- Progress on early notification of outages
- Confirm 'Just in time' process
- Process on reviewing constraint/outage assessment

**15.15**      **Outage impact assessment**

Sean Sullivan, control room manager, WPD

**15.30**      **Consortium approach to major outages**

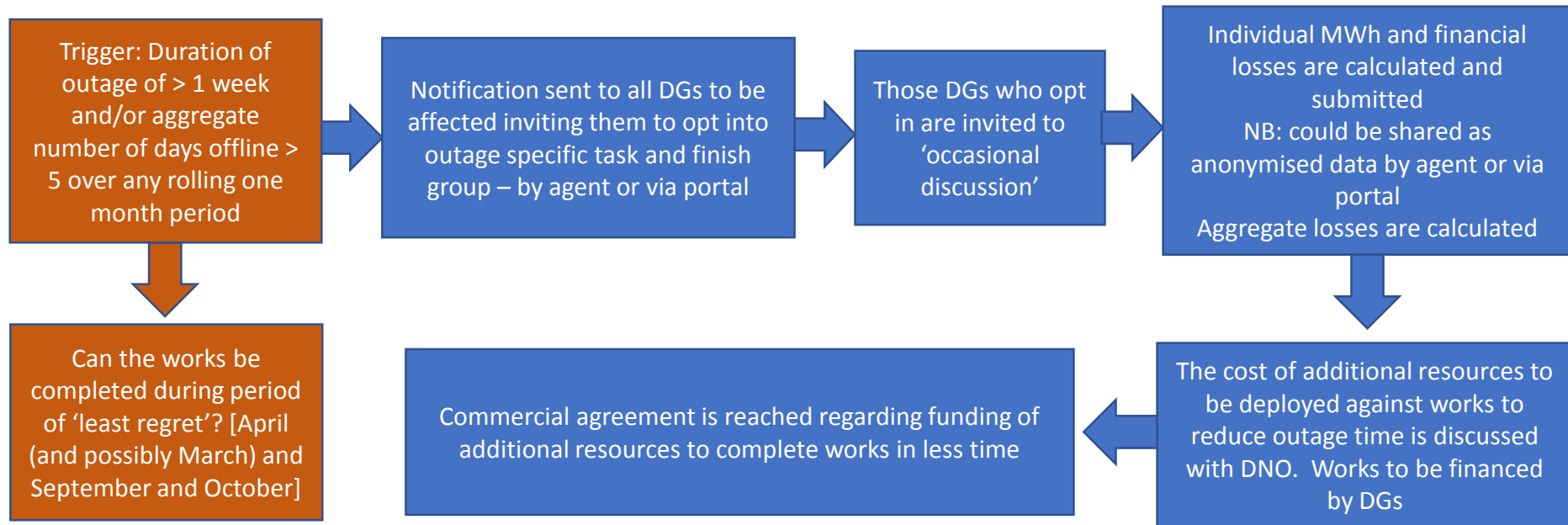
**15.50**      **Network capacity and constraints information**

Tony Berndes, primary system design manager, WPD

**16.30**      **Networking and close**



# Draft process for consortium approach to mitigating losses for outages



## Other considerations:

What is the mechanism for agreeing who pays what? Is it a proportion linked to the amount of overall lost revenue?

What happens if DGs 'opt out' of consortium approach yet still benefit from reduced outage?

Is there a way of facilitating 'peer to peer curtailment trading' whereby one generator reimburses another for being curtailed?

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# Information on Capacity Available for Generation & Demand Customer

Tony Berndes  
Primary System Demand Manager

# Information on Capacity Available for Generation & Demand Customer

## ICE Plan:

- Map based traffic light system of capacity for both Demand and Generation availability or constraint
- Data Tables of capacity, reinforcement, costs, timescales
- Facility for easier navigation



# Information on Capacity Available for Generation & Demand Customer

Type	Capacity available	Thermal Constraints	Fault Level constraints	Transformer rating	Transformer loading	Alternative Offers Y/N	Average POC cost	Average reinforcement cost (WPD Network)
<b>Demand</b>	Red/Amber/Green	text description	text description	xx MVA	yy MVA	Available? Yes or No	Indicative POC cost £	£ Ave Cost
<b>Generation</b>	Red/Amber/Green	text description	text description	xx MVA	yy MVA	Available? Yes or No		£ Ave Cost

Type	Upstream reinforcement	Indicative time scales for WPD connection work	SoW Information	Connected	Accepted	Offered	Available Capacity	Planned Reinforcement
<b>Demand</b>	Reinforcement higher in WPD system	mm Months	N/A	xx MW	xx MW	xx MW	xx MW	description
<b>Generation</b>	Reinforcement higher in WPD system	mm Months	Provide SoW Information	xx MW	xx MW	xx MW	xx MW	description

# Information on Capacity Available for Generation & Demand Customer

- Today:
  - Demonstrate an approach/tool for presenting/accessing
  - Your Feedback

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# Dates of future meetings

20 September 2017

25 January 2018

26 April 2018

19 July 2018