

# ► Distributed Generation Owner/Operator Forum



Triodos Bank, Bristol

# Agenda

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

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

**14.00**      **Welcome and introductions from the chair**

**14.10**      **Engagement opportunities for DG owner/operators with WPD**  
Alison Sleightholm, regulation and government affairs manager, WPD

**14.25**      **Progress on actions to address outages**  
Sean Sullivan, control room manager, WPD

**14.40**      **Roundtable discussion 1**

**15.30**      **DG owner/operator experience of working with WPD to address outages**  
Ben Gowers, Magnetar Solar

**15.45**      **Roundtable discussion 2**

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



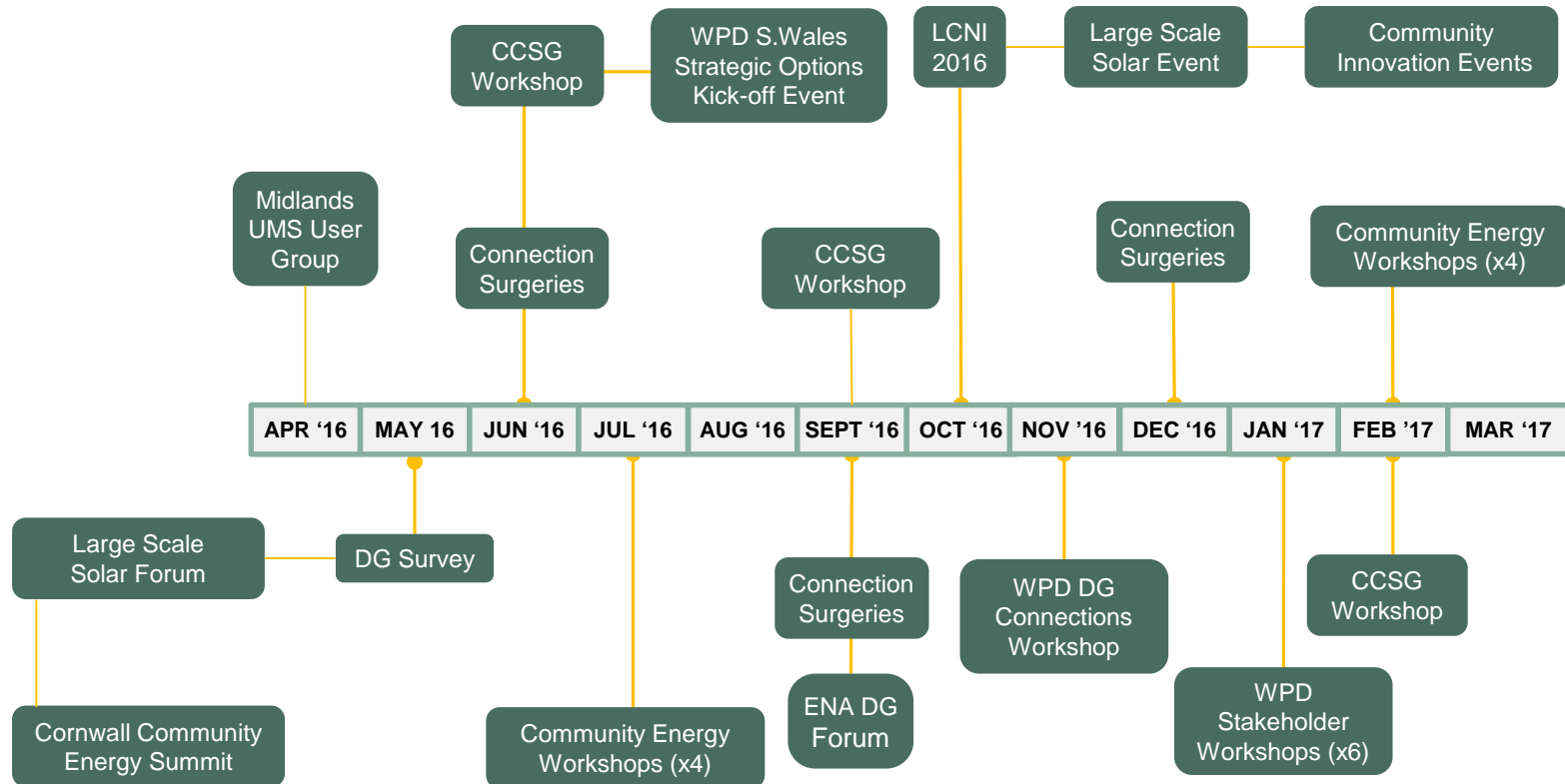
*Serving the Midlands, South West and Wales*

# Engagement Opportunities in WPD

Alison Sleightholm  
28<sup>th</sup> September 2016

# Engagement plan 2016/17

We publish a connections engagement plan annually



# Upcoming events

- 22<sup>nd</sup> September 2016 – Strategic Investment Project South West webinar
- 29<sup>th</sup> September 2016 – Community Energy Workshop Nottingham
- 11-13<sup>th</sup> October 2016 – ENA LCNI
- 18<sup>th</sup> October 2016 – Customer Connection Steering Group
- 19<sup>th</sup> & 26<sup>th</sup> October – ENA Community Energy Workshop
- 10<sup>th</sup> November 2016 – Community Energy Workshop Birmingham
- 11<sup>th</sup> November 2016 – WPD DG Workshop

# How to get involved

- Register for updates on the WPD website
- Connections Improvement plan  
<https://www.westernpower.co.uk/About-us/Stakeholder-information/Connection-Customer-Engagement.aspx>
- ENA LCNI conference  
[www.energynetworks.org](http://www.energynetworks.org)
- Innovation  
<https://www.westernpowerinnovation.co.uk/Mobile/What-s-happening.aspx>
- DG Workshop – you are on the guest list !!

Sean Sullivan

Western Power Distribution

# Our service territory and customer base

- WPD is a Distribution Network Operator (DNO)
- We distribute electricity to 7.8 million customers
- We operate 4 of 14 distribution licence areas in the UK





# WPD ICE Workplan 2016/17

WPD will engage with DG Connection stakeholders to establish their requirements for provision of information on outages and constraints.

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

# Aims of Forum

Operational forum for Distributed Generation Owners & Operators.

- Opportunity for WPD and DG owner/operators to discuss impact of outages
- Explore interest in regular WPD/DG meetings
- WPD to share outage policy
- Improve the communication of known forthcoming outages or constraints
- Endorsement of WPD ICE plan
- Forum does not include strategic investment strategy, Statement of Works, future network innovation topics

# Initiatives - Update

- WPD to explore outage impact and requirements from individual Distributed Generation owner/operators.
- Complete, would welcome further discussions with interested DG representatives
- WPD to host initial DG/DNO forum to discuss network outages and constraints.
- Complete, 15<sup>th</sup> July 2016
- Establish interest in hosting regular meetings with DG owner/operators and agree agenda items.
- Complete, interest shown at initial forum & email correspondence

# Initiatives - Update

- WPD to share outage management policy with interested DG owner/operators.
- Policy reviewed and draft documents being prepared.
- WPD to facilitate a 'single point of contact' for enquiries related to DG network outage & constraints for 132kV & 33kV networks.
- Developing a role within WPD Control team as a facilitator.
- WPD to provide improved outage forecast on quotation.
- Working with design colleagues to establish a solution.

# Initiatives - Update

- WPD to develop improved communication options in association with DG owner/operators.
  - Extend weekly outage notification from trial to Business as Usual.
  - Publish regular outage/constraint information on WPD website for registered customers.
- WPD to publish post-outage details.
- Development preview of Generation Portal



# WPD Generation Portal *Development Preview*

Wednesday 28<sup>th</sup> September 2016

**Joe Davey**  
Operations Support Engineer



# OMS Constraint Report

## 4 week constraint plan for Sample Solar Ltd

This report lists the expected constraints that will effect sites owned by Sample Solar Ltd connected to Western Power Distribution's (South West and Wales) network over the next 4 weeks



Report produced at 01/04/2016 15:28:32

Site Name	Start Date	Duration (Days)	Constraint Type	WPD Outage Reference	Reason for Outage
Central Station Solar Park	04/10/2016	4	Full	24225	Maintenance at Substation
Central Station Solar Park	20/10/2016	5	Full	24227	Overhead Network Refurbishment
South Bank Solar	There are no outages currently planned that would affect this site				
Gate House Wind Farm	There are no outages currently planned that would affect this site				
Abbey Close Biogas	There are no outages currently planned that would affect this site				
Sabre Wavehub	There are no outages currently planned that would affect this site				

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**DISCLAIMER:** This report is based on information at the time of production and is subject to change. Only constraints necessary for planned outages are shown, other constraints may be necessary as required by prevailing system conditions at any time.

### EXPLANATORY NOTES:

Constraint Types are defined as follows:

- Full - The site in question is required to be fully constrained (i.e. a constraint to an import / export of zero) for the outage in question. NOTE: A full constraint does not necessarily mean an interruption of supply to the site.
- Partial - The site in question is required to constrain its import / export to a specified amount for the duration of the outage.
- Switching time - The site in question is required to be constrained for specified time periods whilst switching is carried out to reconfigure the network for the outage and while restoring the network to normal running arrangement.
- None - No constraint is currently expected to be required by this site for the outage in question.

Constraints should be confirmed by letter from local teams which will include relevant contact details for any queries.

This email is generated automatically and is sent from an unmonitored address; please do not reply to this e-mail.



# Portal Objectives

1. Make available constraints expected due to planned outages
2. Allow customers to update contact details for their sites
3. Provide a simple lookup of when customers sites have been constrained
4. Create a central point for customer enquiries relating to generation constraints





## Generation site portal

Welcome to the WPD generator portal - click on the menu options to proceed

### Log in

You are being granted access to Western Power Distribution's external supplier website. You understand that your access to this website is subject to the website's [Terms of Use](#) and [Privacy Policy](#).

User name:

Password:

☐ Stay logged in on this computer  
[Forgotten password](#)

Log on

## Sites

> Planned outages

> Historic outages

## Sites

If a site you own or operate within the WPD area is not listed please [contact us](#) and we will add it for you.

Please note that only sites connected to WPD's 132kV, 66kV and 33kV networks are available through this portal.

Site name	Update site	Planned outages	Historic outages
Goonhilly 33kV Solar Park	<a href="#">Update site details</a>	<a href="#">Planned outages</a>	<a href="#">Historic outages</a>
Garvinack Farm 33kV Solar Park	<a href="#">Update site details</a>	<a href="#">Planned outages</a>	<a href="#">Historic outages</a>
Otterham 132kV Wind Farm	<a href="#">Update site details</a>	<a href="#">Planned outages</a>	<a href="#">Historic outages</a>



Sites

- > Planned outages
- > Historic outages

Contact details

- South Wales Details
- Phone
- Email

Site update

Site name:	Garn Farm Solar Park
Known as:	
Substation name:	Garn Farm 33kV Solar Park
Substation number:	560359
Site address:	
Area:	South Wales
MPAN in:	2100041172093
MPAN out:	2100041172109
Part G:	
Holding company:	
Import:	100
Export:	6400
Site Operator:	<input type="text"/>
Site Operator Phone Number:	<input type="text"/>
Site Operator Email:	<input type="text"/>
Site Operator Contact Name:	<input type="text"/>

## Sites

> **Planned outages**

> **Historic outages**

## Filter

**Start date:**

< September 2016 >						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9

**Order by:**

Site Name - Ascending ▼

**APPLY FILTER**

## Planned outages

Based on outages currently planned on WPD's system the following constraints will need to be applied to your sites.

Site name	Start	Days	Constraint	Type name	Outage ID
Goonhilly 33kV Solar Park	16/11/2016	1	Full	Maintenance at Substation	24783
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## Sites

- > Planned outages
- > Historic outages

## Historic outages

Site	Start	End	WPD schedule / fault number
Garn Farm	20/9/16 10:00	20/9/16 13:00	S-2854-C
Goonhilly	21/9/16 12:30	22/9/16 01:00	F-1514-B
Garn Farm	25/9/16 10:00	25/9/16 14:00	S-8451-A

Contact us

Contact us

If you have a general enquiry or would like to know more about WPD Innovation please fill in the details below.

Name: \*

Company: \*

Nature of enquiry: \*

Licence area: \*

Email address: \*

Telephone number:

Enquiry details: \*

CAPTCHA: \*

Enter security code:

SUBMIT



# Questions