

WESTERN POWER **DISTRIBUTION**

Serving the Midlands, South West and Wales

Connection Customer Steering Group CCSG

Tuesday 11th June 2019



HOUSEKEEPING

✓ No planned Alarm test today



Agenda

CCSG

10:00 - 10:10	Introduction to CCSG	Alison Sleightholm
10:10 - 10:30	Directors Update	Alison Sleightholm
10:30 - 11:00	Legal and Consents	Bruce Pollard
11:00 - 11:20	REFRESHMENTS	
11:20 - 11:45	Mapping Data	Peter Young & Dave Burnford
11:45 - 12:30	Capacity, Reservation and Allocation	Tim Hughes
12:30 - 13:00	LUNCH	
13:00 - 13:30	ICE - Looking Forward	Richard Allcock
13:30 - 14:00	Summary, Feedback and Next Steps	Tim Hughes & Richard Allcock

WESTERN POWER **DISTRIBUTION**

Serving the Midlands, South West and Wales

Introduction & Directors Update

Alison Sleightholm

Resources & External Affairs Director

Tuesday 11th June 2019

CCSG June 2019: Director's update

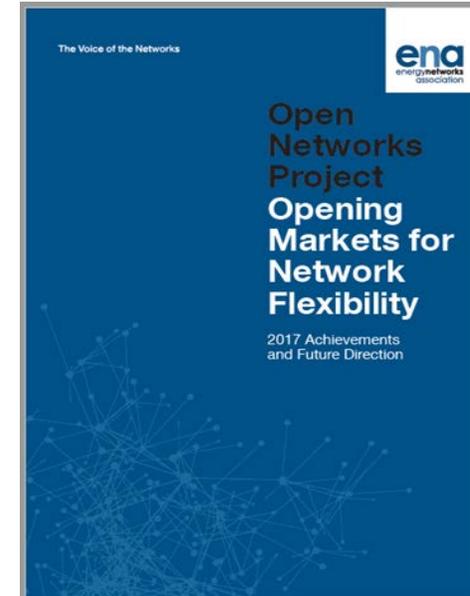
- Targeted charging review & Significant Code Review
- Open Networks
- DSO Update
- Flexibility
- EV strategy
- RIIO – ED2 Update

Ofgem's TCR/SCR: update

- Targeted Charging Review
 - Whilst 'minded to' position was to implement embedded benefits in either April 2020 or April 2021, Ofgem's current preference is for April 2021
 - Ofgem's current preference for implementing new residual charging arrangements is April 2023 (along with all other access reform)
- Significant Code Review
 - 1st working paper due to be published in July outlining work to date. This will mainly be looking at cost model, network charging and access rights options
 - 2nd working paper at the end of 2019 covering small user consumer protection, connection charging and focused transmission reform
- Charging Futures Forum
 - Forum and website established to facilitate improved stakeholder engagement on these issues: www.chargingfutures.com

Open Networks Update

- This years work plan has been consulted on and finalised
- Impact assessment on Future Worlds has been out to consultation and responses are currently being summarised
- A flexibility services workshop has been held focusing on:
 - Flexibility market principles
 - Commercial arrangements
- Feedback at this workshop is now being incorporated into work in these two areas
- Web page now set up on ENA website giving links to all DNO published network data



DSO Update

DSO Structure

- To address the expanding DSO activity and the perceptions around the potential conflicts of interest between asset solutions and use of third party flexibility we have separated DSO activities into a separate management structure
- Our DSO and Future Networks area will be responsible for:
 - development of future energy scenarios and use these to identify future network capacity needs
 - assessment of third party flexibility versus traditional asset solutions
 - contracting for flexibility where economic
 - Working with the ESO to develop whole electricity network solutions to capacity, voltage or fault level issues

Flexible Power: Procurement

Timeline for flexibility in 2018



2018

- Requirements based on WPD forecasting
- 5 constraints across 18 primaries requiring 63MW
- 103 responses with 28MW of contracts awarded

2019

- 12 constraints across 80 primaries requiring 93MW
- Potential to avoid over £25m of reinforcement
- Additional zones signposted with future requirements out over the next 5 years
- 40 flexibility providers engaged, 90MW of qualified assets

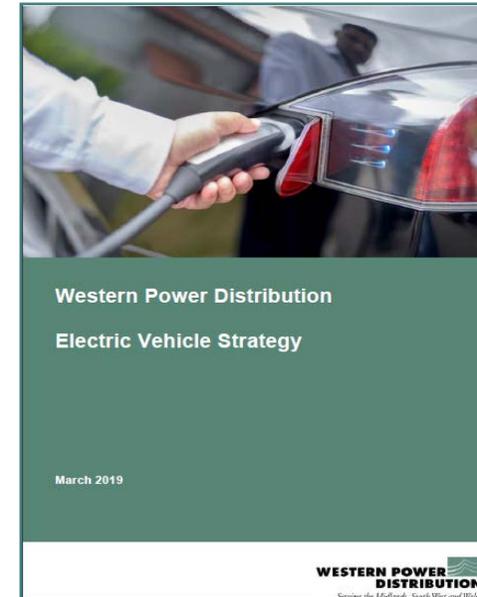
DSO Update: Progress

- We are transitioning to also become a Distribution System Operator (DSO), moving from a passive to an active network
- DSO Forward Plan published August 2018 (update for 2019 at end of June)
- WPD have also published detailed ‘Distribution Future Energy Scenarios’ working with National Grid ESO on Regional Development Plans
- Engaged over 18,200 stakeholders on DSO over 2018/19



Electric Vehicle Strategy

- Our first electric vehicle strategy has been published and includes:
 - Our forecasts and assumptions
 - Technical considerations
 - Stakeholder engagement
 - Our plans to support connections
 - Innovation projects
 - Transitioning to business as usual
- We have redesigned our EV webpage on the WPD website to provide clearer information for EV stakeholders with targeted guidance documents
- We are planning to create shorter customer-specific documents for the different stakeholders involved with EVs and have a targeted social media campaign to enhance visibility



RIIO-ED2 Update

- WPD anticipated timetable for RIIO-ED2 starting 2023

First draft Business Plan published for stakeholders to review	Sept-20
Second draft Business Plan published for stakeholders to review	Dec-20
Initial submission of the Business Plan to Ofgem	Mar-21
Present to Ofgem's Consumer Challenge Group	Apr-21
Final Business Plan submission	Jun-21
Ofgem consultation	Sep-21
Final Ofgem determination	Feb-22

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ICE Legal & Consents

Bruce Pollard

Consents and Wayleave Manager

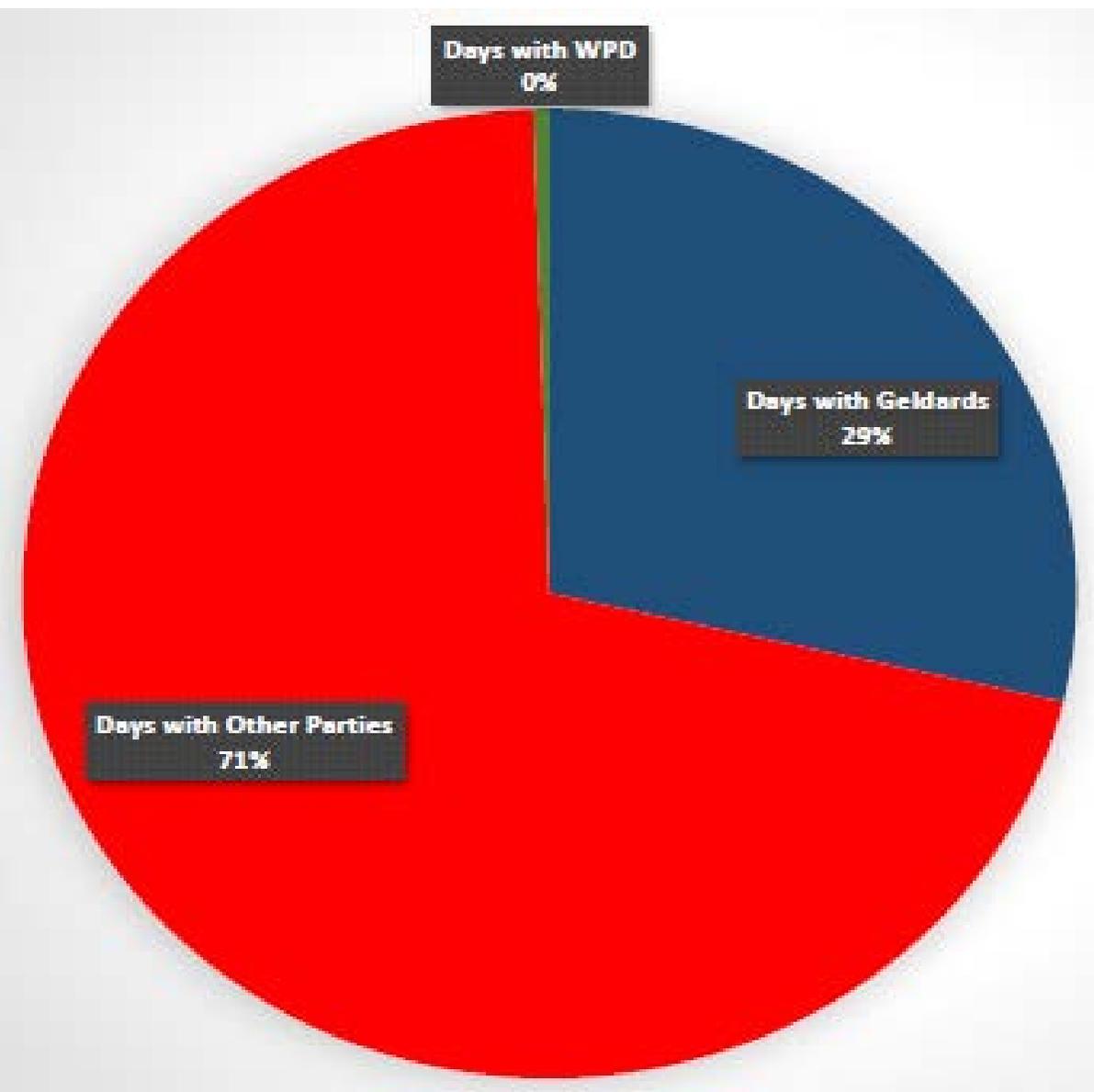
11th June 2019

In response to CCSG comments - key changes to our legal process....

- Collaborative Partnership Protocol
- KPIs for WPD and Geldards
- Customer access to case management systems
- Day 20 reports

...have produced outstanding results:

- 42% increase in legal completions within 50 days (pre-Protocol)
- 99.5% compliance across WPD's KPIs (against 80% agreed target)
- Outperformance across all of Geldards' KPIs



However, the mix remains the same....

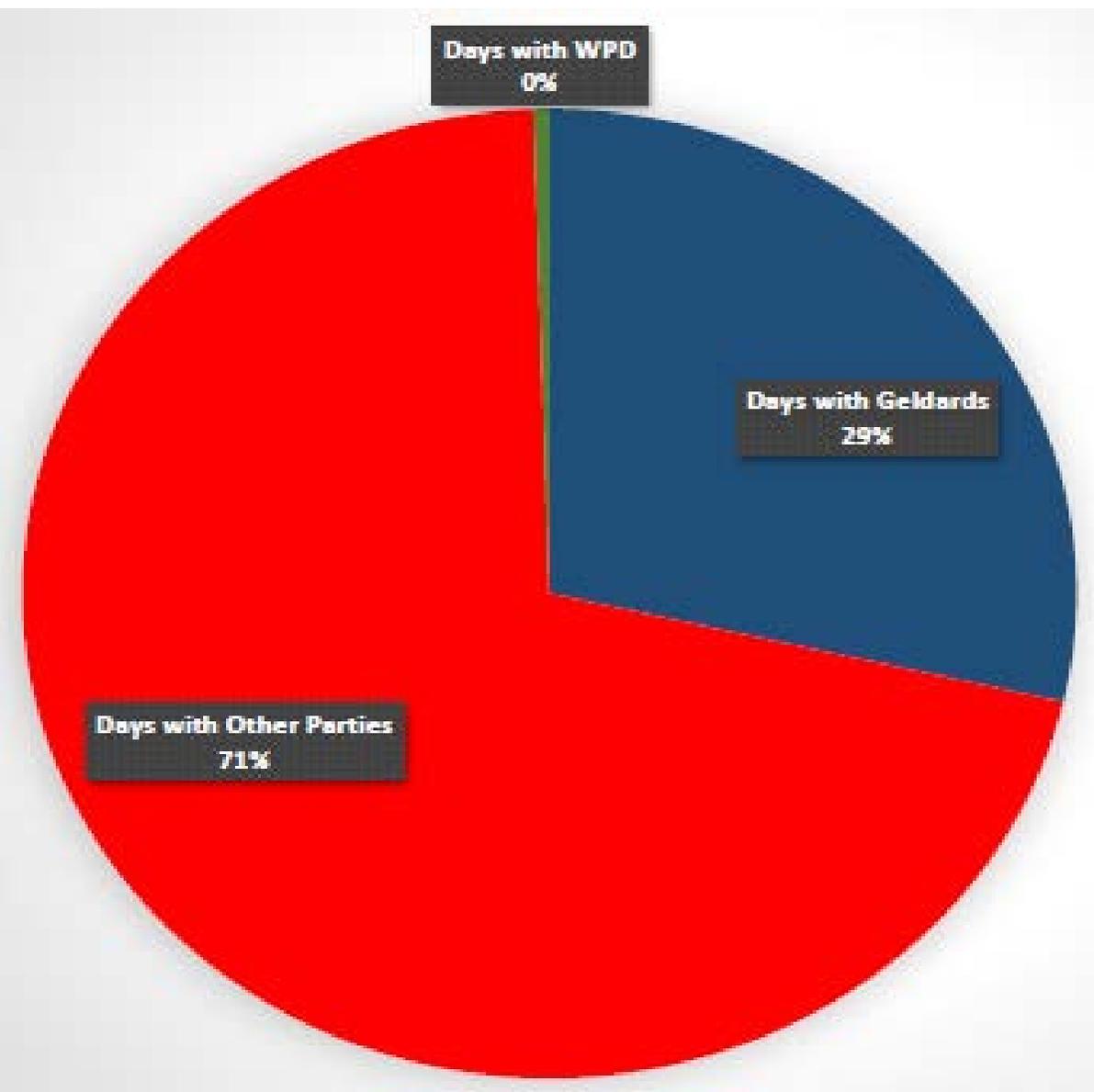
but customers' lawyers' KPIs improving:

- avge days to return executed docs reduced to 29 days (34% improvement on March 2019)
- Time to respond to title queries reduced to 80 days (16% improvement)
- Time to reply to initial letter reduced to 14 days (56% improvement)

Feedback from last meeting:

...Introduce measures to ensure that customers receive a copy of the Day 20 report relating to the legal process for their connection

- c.900 Day 20 reports sent out by Geldards since launch last year
- BP follow-up: Geldards to send reports direct to customers?
 - lawyers can only communicate with own client or other lawyer (Solicitors Regulation Authority code of conduct)
.....unless other side's lawyer consents (unlikely)
 - Should Geldards still ask for consent? – chances of success are low
- Are we sending the reports to customers?
 - Staff survey shows unanimously yes
 - Unfortunate tendency to prompt a negative response!!
- Send reports to our local office team support staff?
 - Negative feedback to this idea – an additional link in the comms chain



**Completion in 50
days**

**....we still need help
to reduce the red**

e.g. average 80 days
for customers' lawyers
to respond to title
queries!!

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ICE Mapping Data “Looking Forward”

Peter Young – Records Manager

&

Dave Burnford – Mapping Technical Team Manager

11th June 2019

WPD MAPPING DATA PROVISION



- Peter Young - WPD Records Manager
Email – pyoung@westernpower.co.uk

- Dave Burnford - WPD Technical Mapping
Team Manager
Email – dburnford@westernpower.co.uk



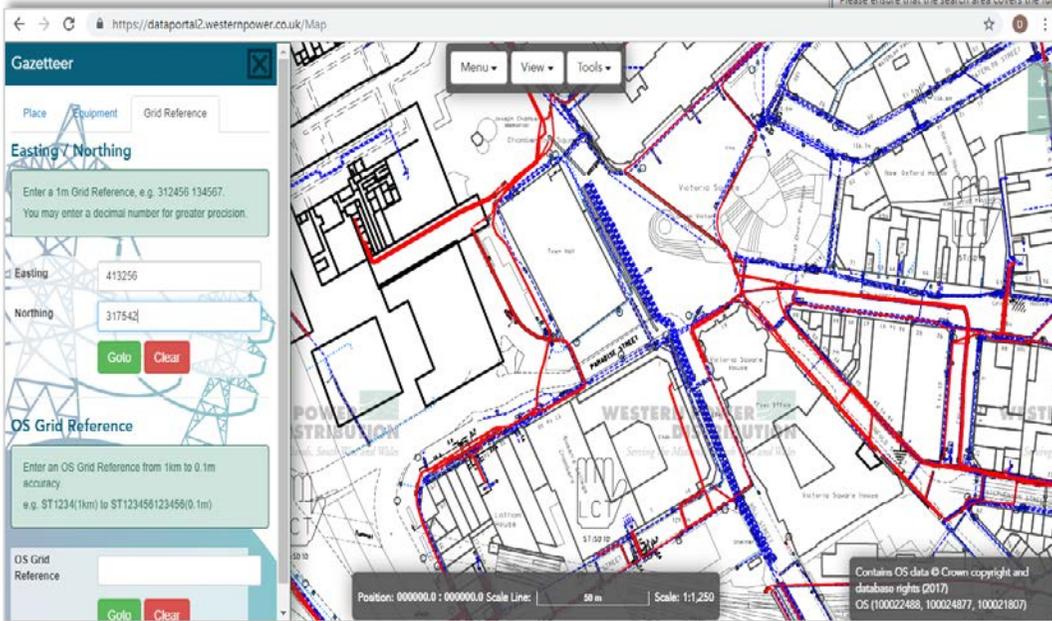
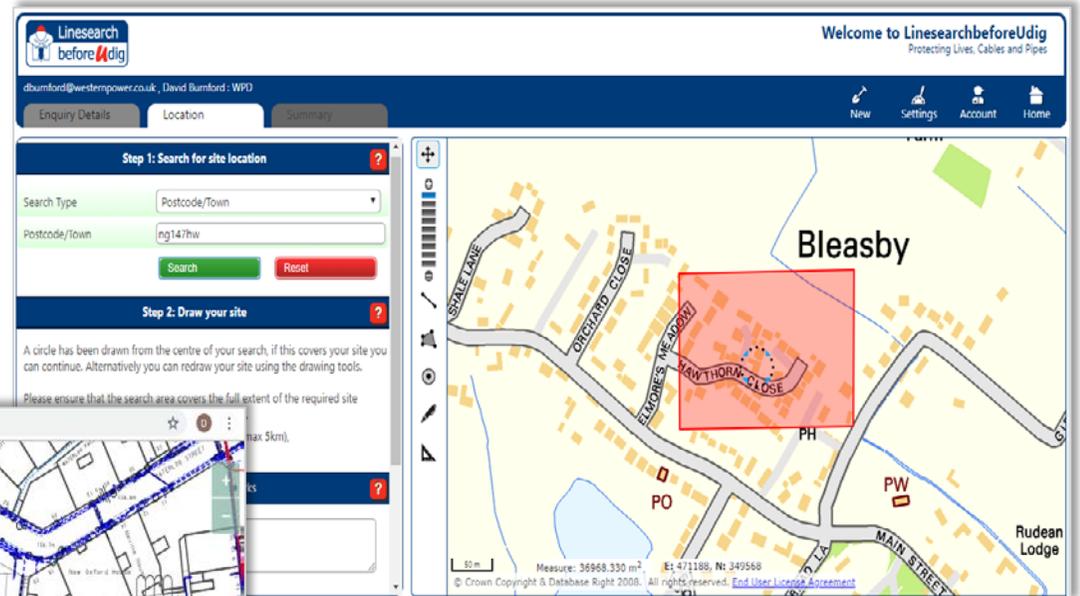
“Provide greater granularity in WPD’s Data Portal (online geographic network mapping information)”.



Today's discussion:

- Overview of current systems and functionality.
- What are we currently working on.
- Future requirements.

LinesearchbeforeUdig



WPD DataPortal2

The free to use online utility asset search service



- Online enquiry service available 24/7.
- **Allows us to distribute current data!**
- Instant response to confirm whether dig site falls within WPD zone.
- Provides asset location details for multiple companies.
- Free service for all but commercial resellers (solicitors / conveyancers).
- Plan requests submitted online, asset plans emailed to customer.



List of affected LSBUD members

Asset Owner	Phone/Email	Emergency Only	Status
Western Power Distribution	08000963080	08006783105	Await response

List of not affected LSBUD members

AWE Pipeline	Balfour Beatty Investments Limited	BOC Limited (A Member of the Linde Group)
BP Exploration Operating Company Limited	BPA	Carrington Gas Pipeline
CATS Pipeline c/o Wood Group PSN	Cemex	Centrica Storage Ltd
CLH Pipeline System Ltd	Concept Solutions People Ltd	ConocoPhillips (UK) Ltd

Non-LSBUD members (Asset owners not registered on LSBUD)

Asset Owner	Preferred contact method	Phone	Status
BT	https://www.swns.bt.com/pls/mbe/welcome.home	08009173993	Not Notified
Cadent Gas	plantprotection@cadentgas.com	0800688588	Not Notified
CenturyLink Communications UK Limited	plantenquiries@instalcom.co.uk	02087314613	Not Notified
CityFibre	asset.team@cityfibre.com	033 3150 7282	Not Notified

Gazetteer

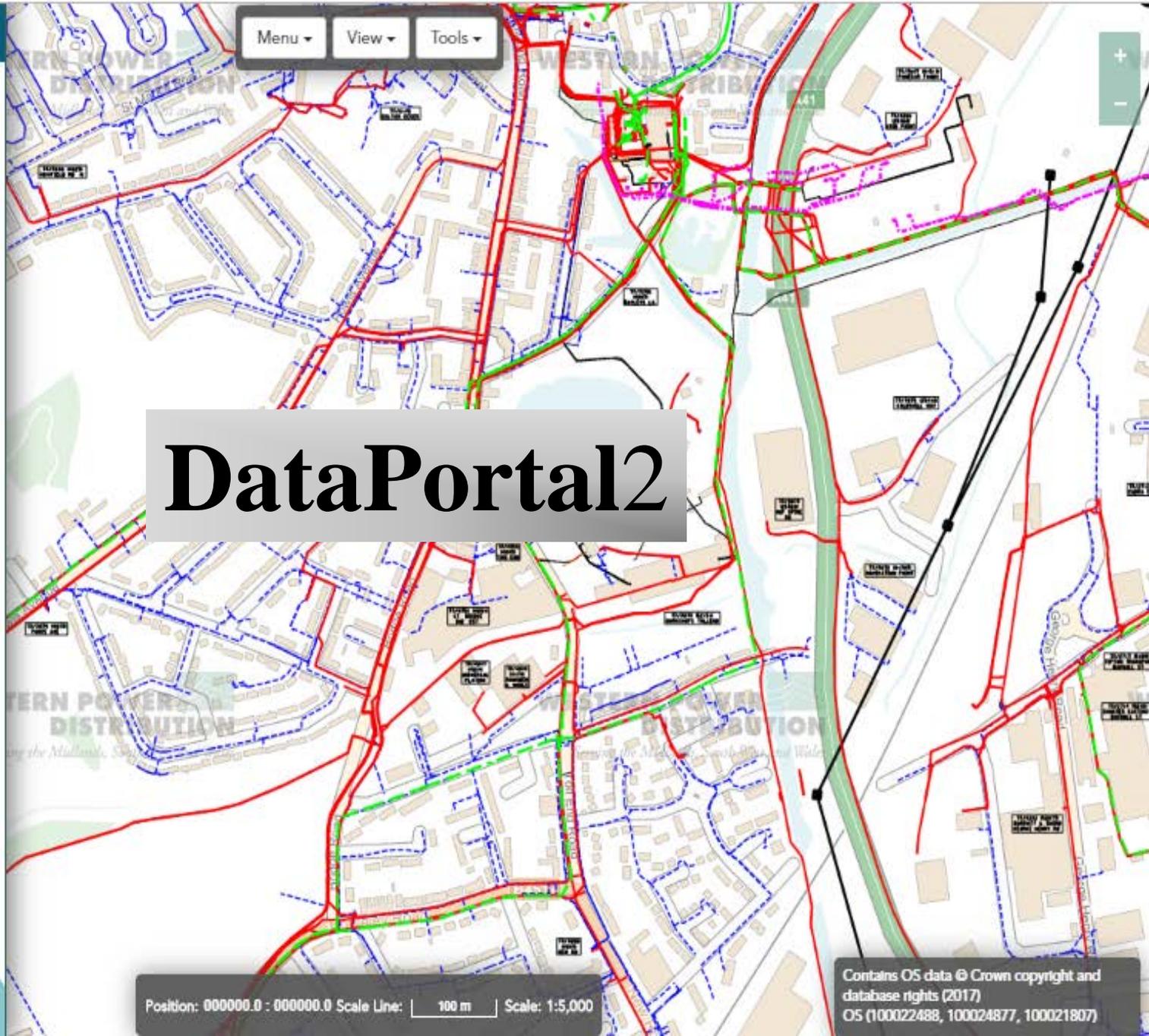
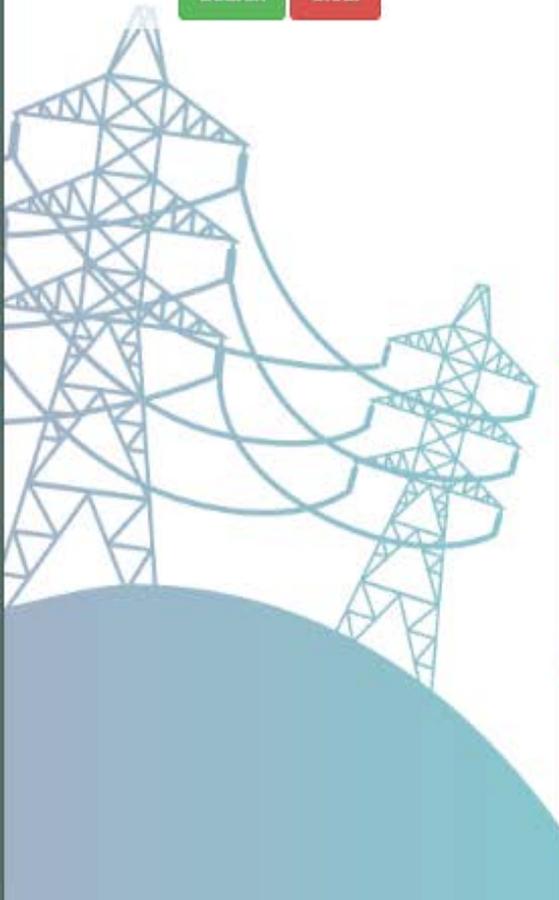
Place Equipment Grid Reference

Place Search

Search Term:

Search Type:

Limit Results:



DataPortal2



- Free to use service.
- 24/7 user access.
- Instant access to view WPD asset data once registration accepted.
- Mapping data refreshed nightly.
- Facility to download linear asset data (HV / EHV voltages) in multiple formats.



Online Maps



Our Online Mapping application (EMU Online) provides you with access to our network records and information via an easy to use web interface.

Some of the features available are:

- Gazetteer by Postcode, Street, Locality or WPD Equipment
- Use Grid References or Easting/Northing to locate sites
- Query features for further attribution
- Print to high quality PDF

[Launch EMU Online](#)

Download Data

We provide information about our network which you can download for use in your own systems.

Select Area On Map



Choose to download data for a specific geographic location by selecting an area on a map.

[Launch Data Selector](#)

[My Download Requests](#)

Precompiled Data Sets



Choose from a number of precompiled data sets, which either cover the full WPD region or are not geographically referenced.

[Browse Data](#)

Gazetteer

Place Equipment Grid Reference

Easting / Northing

Enter a 1m Grid Reference, e.g. 312456 134567.
You may enter a decimal number for greater precision.

Easting

Northing

Goto **Clear**

OS Grid Reference

Enter an OS Grid Reference from 1km to 0.1m accuracy.
e.g. ST1234(1km) to ST123456(0.1m)

OS Grid Reference

Goto **Clear**

Menu View Tools

Position: 000000.0 : 000000.0 Scale Line: 50 km Scale: 1:2,000,000

Contains OS data © Crown copyright and database rights (2017)
OS (100022488, 100024877, 100021807)

Feeder Highlight

Click on an 11kV or higher voltage conductor to visibly highlight the extents of the associated circuit to its Normal Open Point(s).

Feeder 1

Source No: 520258
Breaker No: 0670

Select Clear Extent

Feeder 2

Source No:
Breaker No:

Select Clear Extent

000000.0 Scale Line: 50 m Scale: 1:1,250

Feature Information

Feature Information

6.6/11kV Mains

11/6.6kV Conductor (OH)

Conductor Type	2w 25 GOPHER
State	LIVE
Voltage	11/6.6kV
Design Voltage	11kV
Operating Voltage	11kV
Circuit	520258/0670 West Cross
Colour Plates	
Route Class	Spur
CIC Date	
CIC Ref	
AoC Ref	
Installed Date	Unknown
Decom Date	
Length	96.740

000000.0 Scale Line: 50 m Scale: 1:1,250

Feeder Highlight

Select Data

1. Enter a Job Reference or Title
2. Select the Data Type you want to download
3. Choose the File Format
4. Select the Chunk Size
5. Mark an area on the Map using the tools below
6. Submit your request

Locale Area

Job Ref. Bleasby

Data Type WPD GIS Data

File Format SHP (ESRI ShapeFile)

Chunk Size (km²) 1

Select Tools: Tile, Area, Clear

Submit

Selected Tiles SK7149

Position: 471525.6 : 350337.4 Scale Line: 200 m

SK/150 (Click to select/deselect)

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OS (100022488, 100024877, 100021807)

Select Data

Job Ref. Bleasby

Data Type WPD GIS Data

File Format SHP (ESRI ShapeFile)

Chunk Size (km²) 1

Select Tools: Tile, Area, Clear

Submit

Selected Tiles None.

Position: 471206.4 : 349663.3 Scale Line: 100 m

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OS (100022488, 100024877, 100021807)

Precompiled Data Sets

① Full WPD Area (4 DNO's) in Adobe PDF Format

Supplied chunked as OS 20km Grid with Ordnance Survey VectorMap District Map Background.

CAD Data

[Download Now](#)

① Full WPD Area (4 DNO's) in AutoCAD DWG Format

Supplied chunked as OS 20km Grid (Assets Only)

CAD Data

[Download Now](#)

① Full WPD Area (4 DNO's) in Bentley Microstation DGN Format

Supplied chunked as OS 20km Grid (Assets Only)

CAD Data

[Download Now](#)

① Full WPD Area (4 DNO's) for Google Earth

An easily loaded overlay for use in Google Earth

GIS Data

[Download Now](#)

① Full WPD Area (4 DNO's) in ESRI ShapeFile Format

Supplied chunked as OS 20km Grid

GIS Data

[Download Now](#)

CURRENT DEVELOPMENTS – ELECTRIC OFFICE GIS

Wpd Smallworld Electric Office - (No Active Design) powered by GE

File Edit View Trail Tools Applications Window Help

Explorer Quality Manager Electric Trace Design Summary Points and Spans... Construction Pack Validate Schematic Dimension Toolkit

Geographic 1:23480

Project/Visibility Object Editors

Object View Asset View CAD Tools Selected Geometries

Cable Segment Route

Enter an Object Collection

• [Electric] Cable Segment

Details Summary Object Relationships

Field name	Value
Lifecycle Status	Existing
Network Type	LV
Nominal Voltage (P-P)	230,000 V
Usage	Service
Existing Phasing	Unknown
Existing Neutral	Owns
Circuit ID	
Circuit ID2	
Owner Type	Company Owned
Owner Name	WPD West Midlands

Click or drag to pan Nothing selected Centre: 443984.032, 336020.578 m



“PROVIDE GREATER GRANULARITY IN WPD’S DATA PORTAL (ONLINE GEOGRAPHIC NETWORK MAPPING INFORMATION)”.



Capacity Allocation & Reservation Briefing

Tim Hughes Connections Policy Manager

WPD Connections Customer Steering Group

Tuesday - 11th June 2019

Our overall aim:

A fair allocation of capacity

- to develop improved processes that will allow the fair allocation of capacity for customers when they apply for new electricity connections serving larger multiple domestic and/or commercial premises

Protecting the needs of all

- to provide those customers who hold an offer for connection (the 'Connection Offer') with a reasonable level of assurance that the capacity that they have requested will be available for their use during a prescribed period whilst, at the same time, protecting other customers who have a more pressing requirement for capacity, by seeking to mitigate the potential of having to pay higher connection charges for reinforcement works deemed necessary due to existing capacity being reserved by others

The Consultation

In our consultation we focused on three key stages in the process to provide capacity for new connections customers;

- **Application** for connections and their required capacity
- **Acceptance** of offer for connection(s) and the required capacity
- **Energisation** of the connection(s) and the take up of capacity

The Update Report & Decision Document

- In August 2018 we issued an update document outlining the responses to our consultation
- We committed to proceed with the development and implementation of a set of processes and procedures which sought to ensure a balanced approach to wide ranging stakeholder views
- In March 2019 we issued an outline policy report setting out our proposals for implementing new processes
- This document focuses on seven areas that we believe are keys to success of managing such an arrangement
- We have taken each of these key areas and developed policy around them
- Our aim is to implement revised policy by the end of July 2019

The key areas

What are the seven key areas?

- 1. Application information requirements** – we will clarify the Connection Offer process according to the level of information provided at application
- 2. Confirmation of Appointment** – we will require a confirmation of appointment letter from the applicant to substantiate their relationship with the landowner/developer
- 3. Connection Offer milestones** – we will extend the existing milestones to monitor scheme progression
- 4. Development Phase** – we will clarify the scope of the Development Phase
- 5. Capacity reservation rules** – we will allow applicants to reserve capacity post energisation using a two-tier system
- 6. Speculative developments** – we will clarify how we charge for speculative developments
- 7. Infrastructure Offers** – we will broaden the use of Infrastructure Offers

Scheme types affected by our revised policy

Policy discussed today will apply only to the following scheme types:

1. **Primarily metered demand based schemes** – i.e. non-generation
2. **Schemes requiring HV/EHV/132kV work** – schemes requiring only LV works will be excluded, including those requiring diversionary/reinforcement work at higher voltage
3. **Schemes involving more than 20 domestic connections** – unless they require only LV works in which case they will be excluded
4. **Schemes involving more than 2 commercial connections** - unless they require only LV works in which case they will be excluded
5. **Schemes with mixed domestic/commercial connections** – that meet 1 & 2 and either 3 or 4 of the above. Any others will be excluded

KEY AREA 1 – Application information requirements

“We will require a minimum level of information on applications for connection before we will issue a formal Connection Offer to enable capacity to be secured”

- To enable capacity to be secured under a Connection Offer certain information must be provided with an application for connection
- The provision of this information will allow us to undertake a proper assessment and design for the connections
- If a customer can provide all the information we require to make a complete assessment their application will be considered as **‘Non-speculative’** in nature and we will issue a ‘firm’ Connection Offer
- If a customer cannot provide all the information we require to make a complete assessment their application will be considered as **‘Speculative’** in nature and we will issue a Connection Offer on different terms

Application information requirements (continued)

The information that the customer should provide in order to obtain a connection offer is set out below

Information required for a firm connection offer	All works by DNO	Contestable works by ICP for DNO adoption	Contestable works by ICP for IDNO adoption
Type of development (domestic/commercial/mixed)	✓	✓	✓
Number of properties by type	✓	✓	✓
kVA requirements per premises	✓	✓	✓
Site plan	Location plan and detailed plan of site layout with individual premises and meter locations	Location plan and detailed plan with individual premises and meter locations	Development boundary plan and detailed plan of site layout of individual premises and location of preferred POC if known and POS (or multiple POS if required)
Build programme	Number of connections each year	Number of connections each year	Number of connections and capacity ramp up each year
Extent to which contestable services will be carried out by the ICP	N/A	✓	✓

Additional information required (where available) to ensure an accurate connection offer	All works by DNO	Contestable works by ICP for DNO adoption	Contestable works by ICP for IDNO adoption
Specification of proposed generation	✓	✓	✓
Specification of electric vehicle charging equipment	✓	✓	✓
Specification of other potentially disturbing equipment	✓	✓	✓



KEY AREA 2 – Confirmation of Appointment

“A Letter of Authority will be required to establish the relationship of an applicant with the landowner/developer”

- To confirm the scope of the development area for which the landowner/developer has engaged the applicant, the CoA will reference capacity requirements, property numbers and include a plan
- To ensure that our processes do not unduly hinder the application process, we will require a CoA following acceptance of a Connection Offer. The requirement to provide a CoA will be embodied within the milestones contained within the Connection Offer
- We will require a CoA:
 - ✓ Where the customer is not the landowner and/or developer requiring the end connections
 - ✓ For demand (or predominantly demand) Connection Offers for developments requiring HV/EHV works for more than 20 domestic properties or commercial developments for more than 2 properties

KEY AREA 3 – Connection Offer milestones

“We will extend the existing milestones thus strengthening our ability to ensure that projects which are not progressing do not unreasonably withhold capacity that may be utilised by others in the connections queue”

- We have adopted some of the milestones currently in our ‘DG’ Connection Offers and applied them to our ‘Demand’ Offers based upon principles set out within ENA Best Practice Guide
- The milestones will be incorporated in to Connection Offers for larger developments requiring HV/EHV works for more than 20 domestic properties or commercial developments for more than 2 properties
- We will endeavour to combine consistency of approach whilst showing some form of flexibility in allowing the extension of milestones where it is satisfactorily evidenced that an applicant has shown to be actively progressing a scheme which has a substantive chance of completion

Connection Offer milestones (continued)

Confirmation of Appointment

- The customer will need to submit to WPD within one month from the date of the Acceptance Form (in a form reasonably acceptable to WPD), a letter confirming their appointment signed by the freehold/long leasehold owner(s) and/or developer of the premises to be developed

- The letter should confirm;
 - i) that the person providing the CoA has appropriate permissions and/or rights to develop the premises;
 - ii) that they give permission for the customer to enter into an agreement for the connection works;
 - iii) the extent of the premises by attaching a plan clearly showing the development boundary, the capacity requirements and the number of connections;
 - iv) agreement that, if at any time they withdraw their permission, they will notify WPD of such withdrawal in writing

Connection Offer milestones (continued)

Planning Consent

- The customer shall evidence that planning consent for the development has been granted within three months from the date of the Acceptance Form
- In this context full planning permission must be given by the local planning authority
- Outline planning permission (with Reserved Matters) will not normally be enough

Connection Offer milestones (continued)

Commencement of works

- The customer shall commence the Connection Works within **six months** from the date planning permission has been granted for the Customer's Installation and the Connection Works or from the date of the Acceptance Form, whichever is the later
- In this context 'connection works' are works undertaken either by WPD or by the customer (or their appointed agent) directly in relation to the provision of electrical infrastructure
- The milestone can be extended in the event that the milestone is missed as a direct result of an act or omission of WPD
- The customer must provide a programme of works showing the roll out of the development (typically in the form of a Gantt chart)

Connection Offer milestones (continued)

Progression Checkpoint

- The customer shall evidence within **24 months** from the date of commencement of the Connection Works that the scheme is progressing in accordance with the programme of works
- If initial Energisation has taken place within the **24 month** timescale but the Connection Works are incomplete the Customer may re-apply for a Connection Offer to cover the outstanding Connection Works
- WPD will either issue a variation to the original Connection Offer or issue a new Connection Offer for the outstanding works based upon prices at the time of variation/issue
- The milestone can be extended in the event that the milestone is missed as a direct result of an act or omission of WPD
- The milestone may also be extended where there are significant works, e.g. reinforcement of the distribution system

Connection Offer milestones (continued)

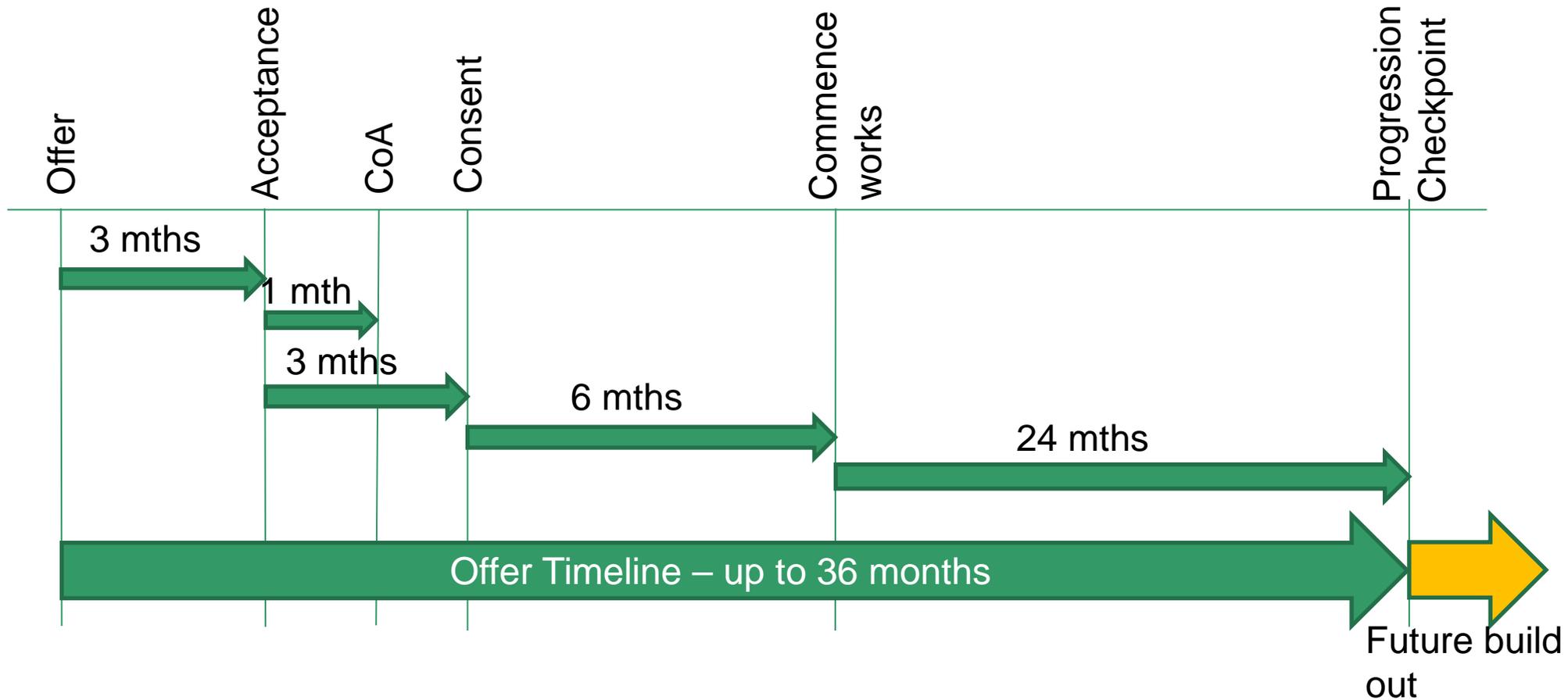
Completion of works

- The Connection Works must be completed within the timescales agreed under the programme of works which should be commensurate with the size of the development
- The timescale for completion will typically be 5 years from the point of first energisation but shorter periods may be agreed for smaller schemes and longer periods may be agreed for larger schemes
- The milestone can be extended in the event that the milestone is missed as a direct result of an act or omission of WPD

Connection Offer milestones (continued)

Connection Offer/Agreement timeline

- The diagram below shows the Offer timeline





Connection Offer milestones (continued)

Effect of missing a milestone

- If a customer misses a milestone due to their own act or omission we will contact them and ask them to evidence progression
- If the customer is unable to evidence progression to WPDs satisfaction we may terminate the Connection Offer and, if the customer wishes to progress the scheme, they will need to re-apply
- If the customer can evidence progression against the milestone to our reasonable satisfaction we may either require a variation to the existing Connection Offer or ask the customer to re-apply.
- If the customer re-applies within 28 days they may keep their place in any connections queue. We will reserve the right to amend the design and associated costs as necessary

KEY AREA 4 – Development Phase

“We will clarify the basis upon which applicants can ramp-up capacity requirements for up to five years post energisation”

- In May 2018 Ofgem directed that DCUSA Change Proposal 294 (DCP294) should be made amending the timeframe of the ‘Development Phase’, defined in DNO Statements of Methodology and Charges for Connection, from three years to five years
- As a consequence our Connection Offers to IDNO’s allow a 5 year ramp-up of capacity over the Development Phase from the date of initial energisation
- To ensure a consistent approach across all applicants we will extend the principle of the post-energisation development phase to ‘non-IDNO’ applicants thus ensuring that all customers are treated equally

KEY AREA 5 – Speculative developments

- “Speculative Development” is defined within the Common Connection Charging Methodology (CCCM) provided in Schedule 22 of the Distribution Connection and Use of System Agreement:-

“1.39 Developments which have one or more of the following characteristics may be considered as speculative:-

- *their detailed electrical load requirements are not known;*
- *the development is phased over a period of time and the timing of the phases is unclear;*
- *the capacity requested caters for future expansion rather than the immediate requirements of (an) end user(s);*
- *the capacity requested caters for future speculative phases of a development rather than the initial phase(s) of the development; or*
- *the infrastructure only is being provided, with no connections for end users requested.*

1.40 Where we are asked to provide a connection to a speculative development then the cost of the work including any Reinforcement is charged in full and the CAFs do not apply. Additional charges to reflect ongoing operation, repair and maintenance costs may also be levied.”

Speculative developments (continued)

“We will charge an applicant 100% of any reinforcement costs and charge a capitalised sum for future operations, repairs and maintenance of the distribution system where the development is deemed to be speculative”

- We will mitigate the risk of having stranded assets by charging in full for any reinforcement undertaken for speculative developments (as defined in the CCCM) and apply additional charges to reflect the ongoing operation, repair and maintenance costs of the network where there is no guarantee that these costs can be recovered through ongoing DUoS charges
- Applying these charges sends a cost signal to the applicant such that if the development does not subsequently take place, the risk is with them and not the wider customer base
- We believe that applying this principle will discourage customers from capacity banking thereby reducing the potential for delay to those developments that are ready to proceed

KEY AREA 6 – Infrastructure Offers

“We will utilise an Infrastructure Offer for use on large domestic or commercial developments where the long term requirements are not fully known and are therefore speculative”

- In some instances, the specific detail required when requesting a formal Connection Offer, such as site layout or specific capacity requirements of end users, will be unknown. Developers may however wish to have network assets installed in preparation, for example during the construction of spine roads or to cater for anticipated future development
- Where infrastructure is requested, it is important to recognise that customers will require some assurance that, having made an investment in to network assets, the capacity required for future connections will be available for their anticipated use
- We have developed a Connection Offer specific to infrastructure schemes (the ‘Infrastructure Offer’) which sets out the terms for the installation of the required assets and reserving the requested capacity

Infrastructure Offers (continued)

- The Infrastructure Offer will set out the timescales for which capacity will be reserved and the method by which subsequent connection requests may utilise the reserved capacity

- The Infrastructure Offer will include the following:
 - ✓ The charge to be paid by the customer to provide the requested infrastructure, including an uplift for the operation, repairs and maintenance of infrastructure assets
 - ✓ A development plan defining the development area intended to utilise the reserved capacity and the point of connection for the proposed infrastructure
 - ✓ The reserved capacity and the term (period of time) for which it may be reserved
 - ✓ The process by which subsequent connections may request a Connection Offer which utilises reserved capacity

KEY AREA 7 – Capacity reservation rules

“We will allow applicants to reserve capacity post energisation using a two-tier system based upon the level of financial commitment they have made”

- We will facilitate capacity reservation using a two tier method based on whether the capacity is provided from the existing network or from newly constructed assets
- Where the capacity is on the existing network by virtue of existing network assets having unutilised capacity available, then this capacity is made available to new connection or infrastructure schemes without a financial contribution, and as such we will only facilitate a reservation period in-line with the Development Phase
- Where the capacity is provided by new sole use and/or reinforced assets and a customer has made a contribution to the construction of the assets, then we will facilitate a reservation period of up to 10 years in-line with the timescale prescribed in the Electricity (Connection Charges) Regulations 2017 recognising the financial commitment made by the customer

Summary points

- Our aim is to develop improved processes that will;
 - ✓ allow the fair allocation of capacity for customers
 - ✓ provide those customers who hold a Connection Offer with a reasonable level of assurance that the capacity that they have requested will be available for their use during a prescribed period
- We will implement policy having regard to seven key principles for capacity allocation and reservation
- Policy will come in to effect on 1st August 2019
- A webinar to inform stakeholders will be held on Monday 17th June 2019

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ICE – Looking Forward

Richard Allcock

Connections Policy Engineer

11th June 2019

ICE Update

- Our ICE looking forward and looking back report for 2019 has been submitted to Ofgem and published on the WPD website
- The report includes:
- Overview of our stakeholder engagement strategy
- Looking back section detailing the engagement and workplan initiatives we have undertaken and delivered in 2018/19
- Looking forward report setting out how we have developed our ICE workplan and our planned engagement activity for the year
- Appendices with detailed 2018/19 ICE workplan outcomes and full 2019/20 ICE workplan



ICE looking back on 2018/19

- Significant increase in engagement activity with over 18,000 stakeholders engaged at events and over 7,000 surveyed
- 48 ICE workplan initiatives delivered and 4 new initiatives added in the year

Priority area	Example outputs	Impact
Transition to DSO	DSO Forward Plan published	Keeping stakeholders informed on our latest steps towards becoming a DSO and our plans
Availability of information	Further enhanced capacity map functionality and interface	All mapping info brought together on 'map hub' Capacity map walkthrough available ANM zones and reinforcement Downloadable data for users
Network Capacity Allocation & Reservation	Decision document published	Consulted stakeholders on proposals Developed final decisions and principles for implementation
Competition in connections	Online live jointing process developed	Developed with ICP input and testing New process is quicker and easier for ICPs

ICE looking forward 2019/20

Key priorities

ICE Priority	Summary
Transition to DSO	Continue to quickly transition to become a DSO, deliver tangible services and opportunities for customers to input and benefit from. Actively engage stakeholders our DSO plans and seek input into how we can best deliver new services.
Availability of Information	Continue to make improvements to the range and quality of information provided to customers to support their connection requirement and planning. Continue to improve assistance to customers at application and post-acceptance of offer and to those wanting to modify their connection.
Network capacity allocation and reservation	Continue to improve the engagement collaboration with stakeholders on capacity forecasting and planning. Deliver improvements to the processes for the allocation and reservation of network capacity for connections
Competition in Connections	Improve the consistency in approach where customers wish to vary their schemes. Update information available for major connection designs
Low Carbon Technology	Facilitate the rollout of EVs with continued focused engagement for EV stakeholders, and develop guidance, policies and services to support this.
Community Energy	Continue to engage community stakeholders to support them in the transition to a smart and flexible network
Assessment & Design fees	Work with industry to provide improved clarity in the application of fees.

ICE looking forward 2019/20

ICE Workplan

- Developed using stakeholder priorities and specific feedback
- Workplan divided into 9 focus areas
- 38 initiatives with corresponding outputs and measures
- New initiatives will be added throughout the year as new priorities and requirements emerge e.g. outputs of Ofgem's SCR
- We will publish quarterly workplan updates informing stakeholders of our progress and initiatives completed

WPD ICE WORKPLAN 2019 / 20						Ofgem Incentive on Connections Engagement	
Focus area	Feedback	Initiative	Initiative description	Target Date (calendar yr.)	Required KPI(s) or Measure(s)	Market Engagement Appraisal	
						DDG	DDG
1. Network Capacity Allocation & Reservation	Continue to improve the provision forecasting and planning 2019-2020 on the network capacity	1.1 Providing LCT forecast information	Develop online functionality to automate the provision of low carbon technology (LCT) forecast information to local enterprise partnerships (LEPs) and local government authorities (LGAs), improving access to this information. Provide the ability on our website to download relevant data and to understand the geographic coverage for each of electrical service area (ESA) generated from our Distribution Future Energy Scenarios (DFES).	Q1 2020	<ul style="list-style-type: none"> Monitor No. of downloads Undertake online survey 	✓	✓
	Increase collaboration on planning and investment forecasting between WPD and local government planning teams to help ensure sustainability and efficient investment for both parties and WPD to be actively involved with local government and Local Enterprise Partnerships (LEP) planning processes, procedures and timescales.	1.2 Working together with Local Enterprise Partnerships (LEP)	Further improve the information available on our LGA / LEP websites setting out the datasets WPD make available to them and how this might help them understand our investment plans. Improve awareness of this information by writing to LEPs and LGAs within WPD's regions, updating them on the information WPD make available as well as the WPD contacts for discussing both long term plans and local contacts for more immediate planning requirements.	Q3 2019	Stakeholder feedback	✓	✓
	Run a series of webinars for Local Authority Planning Officers across WPD's regions. Deliver a webinar every 6 weeks to explain the information we can provide and the support that we can offer to the LAs. This will include question and answer sessions with the WPD Network Strategy Team.	1.3 Working together with Local Authority (LA) planning departments		Q1 2020	No. of participants in webinars	✓	✓
	Continue to develop processes and procedures for capacity allocation and reservation	1.4 Continuing 2018/19 initiative: implement policy regarding allocation and reservation of capacity	Continuing 2018/19 initiative: Following the publication of our final decision document in March 2019 we will implement revised processes, agreements, terms and conditions relating to how network capacity is offered on new connection and infrastructure schemes, as well as the management of capacity in ongoing schemes following acceptance of a connection or infrastructure offer.	Q2 2019	Stakeholder feedback on new policy implementation	✓	✓

DDG = Demand connections | DD = Distributed Generation connections | UMS = unreserved supplies

ICE Next steps

Ofgem ICE process

- Ofgem will publish a consultation on all DNO ICE submissions seeking stakeholder feedback at end of June
- Share non-confidential stakeholder responses at the end of July for 'fact checking'
- Ofgem may issue a second consultation with a minded-to position on whether DNOs have successfully met the ICE criteria (as a consultation on potential penalties)
- October: penalty notice issued to affected DNOs allowing for final representations
- November: penalty decision where applicable

Questions?

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Summary, Feedback & Next Steps

Tim Hughes Connections Policy Manager

&

Richard Allcock Connections Policy Engineer

11th June 2019

Summary and next steps

- Issues
- Feedback captured from today
- Dates for 2019 Workshops:

Dates	Location
29th October 2019	WPD Gloucester Office, Saw Mills End, off Corinium Ave, Gloucester GL4 3BH