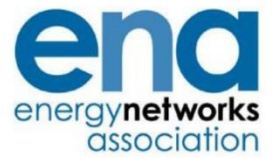


The Voice of the Networks



Energy Networks Association

Open Networks Project

System Wide Resource Register

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System Wide Resource Register

Definitions, Acronyms and Abbreviations

The following table sets out the acronyms used in this document

Term	Definition
DER	Distributed Energy Resource
DNO	Distribution Network Operator - These are companies licensed by Ofgem to distribute electricity in Great Britain.
TO	Transmission Owner
GBSO	Great Britain System Operator
TEC	Transmission Entry Capacity
GSP	Grid Supply Point

Introduction

As part of the Open Networks Project 2018 Phase 2 plan for Work Stream 1, T/D Processes, Product 8 was tasked with developing proposals for a **System Wide Resource Register**, and assesses its feasibility for implementation.

Product 8 has five deliverables:

Product Ref	Product Deliverable Description	Product Status
8.1	Review and report what is currently in place	Complete
8.2	Identify potential formats and requirements	Complete
8.3	Establish approach for sharing contracted DER information considering confidentiality issues	On-Going
8.4	Consider publication of GSP queues, reinforcements etc	Complete
8.5	Report feasibility of system wide register with proposed plan to deliver	In progress

This document constitutes the deliverable 8.2 of product 8. The report provides a summary position of the proposed form of System Wide Resource Register developed by the product team and following engagement with the following key stakeholders:

- DNOs, IDNOs, TOs and the GBSO
- DER Steering Group
- Open Networks Project Advisory Group

This document aims to describe the proposed form of the System Wide Resource Register that DNOs, IDNOs, TOs and the GBSO may offer to customers and other interested stakeholders. Customers have expressed the need for improved availability of information to support business planning & investment decisions along with more efficient procurement of services.

Support for a single register has come from the DER Connections Steering Group and Advisory Group engagement as currently, information on DER resources is drawn from different national and regional databases and as a result may be incomplete with areas of gaps in information.

Having reviewed the existing information that is available and published by network companies, the benefits of System Wide Resource & Reinforcement Registers would include:

- More accessible resource information for industry stakeholders.
- More accurate and up to date information.
- Information that is consistently presented across network areas.

Proposed Form of System Wide Resource Register

Many of the data proposed within the System Wide Resource Register and Reinforcement Works Register is already available in other information resources, for example:

- GBSO TEC Register
- GBSO Embedded TEC Register
- GBSO Works Register
- DNOs Contract Registers

The proposed fields which will form the System Wide Resource Register and Reinforcement Works Register are set out Tables 1 and 2. The data set presented has been identified as those which best serve requirements of interested stakeholders. This follows consultation with all networks companies along with representatives of the DER Steering Group and Advisory Group.

Table 1 – System Wide Resource Register (Only for Sites 1MW and Above)

Field Tag	Field Descriptor	Public/Restricted
Customer Name	Name of party contracted to connect	Public
Customer Site	Name of customer site/project name	Public
GSP	Grid Supply Point linked with Customer Site	Public
Point of Supply	Electrical position where the equipment in customer site connects to the transmission or distribution network.	Public
Primary	Name of relevant primary substation	Public
MW Connected	Total MW connected at Project Site	Public
MW Contracted	Total MW contracted in Construction Offer, not connected	Public
Export MW Capacity	Total MW capacity permitted as per connection agreement	Public
MW Change (+/-)	Future planned increase/decrease in contracted export capacity	Public
Effective Date MW Change	Date upon which the 'MW Change' becomes effective	Public
Type of Connection	Firm/Non-firm/ANM etc??	Public
Date Contracted	Date customer contracted with GBSO/DNO/IDNO	Public
Date Connected	Date Project connected to network	Public
Licence Area	Licence area project site is connected within	Public
Plant Type	Type of plant connected at the site (wind/solar/etc)	Public
Service Provider (Y/N)	Has project registered as a service provider with host DNO or GBSO	Restricted
Type of Service	Description of type of service being provided	Restricted
Contract Duration	Duration of service provider contract	Restricted
Exclusivity	Does service provider contract required customer site to limit provision of services to other parties	Restricted

Table 2 – Reinforcement Works Register

Field Tag	Field Descriptor	Public/Restricted
Works Reference	Reinforcement Reference Number	Public
Works Description	Reinforcement Title/Summary Description	Public
Works Completion Date	Planned Completion Date of Works	Public
Driver (Demand/Generation)	Are works driven by demand or generation	Public
Licence Area	Licence area where works will be delivered	Public
T/D	Transmission or Distribution	Public
Customer Name	Name of contracted party	Public
Customer Site	Name of customer site/project	Public
GSP	Grid Supply Point linked with Customer Site	Public
Customer Completion Date	Completion date of customer connection	Public
Customer Queue Position	Queue position of customer in relation to the reinforcement works they are linked to	Public

All works listed within Reinforcement Works Register are those triggered by customer connections.

All terms referred to in Tables 1 and 2 have the same meaning prescribed to them as those set out in the "Terms and Definitions" document published on 25th July by Work stream 2.

[http://www.energynetworks.org/assets/files/180723%20ON-PRJ-WS2%20-%20P3%20Terms%20and%20Definitions%20V1.1%20\(published\).pdf](http://www.energynetworks.org/assets/files/180723%20ON-PRJ-WS2%20-%20P3%20Terms%20and%20Definitions%20V1.1%20(published).pdf)

Public/Restricted refers to information access. Restricted information would be accessible only by GB network operators.

Next Steps

The next stage of the work will consider any confidentiality issues, options for implementation, identification of any code changes required and their feasibility. Conclusions of this review will be set out in a report to be published in line with the final deliverable under Product 8.

The group will also consider a phased approach whereby all existing available information will be made available via a single location. This will include links to LTDS, Heat Maps, TEC Register etc.