

# System Wide Resource Register (SWRR)

## User Guide



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# 1 Introduction

This user guide is to accompany the System Wide Resource Register (SWRR) as published by SSEN. Due to differences in local networks and data collection methodology, content and definition of data fields may vary in each DNO's register. Therefore, this user guide aims to provide useful information as to the assumptions underlying SSEN's data fields.

# 2 General Points

- 1) The register includes all generation, storage and flexible demand resources where the Installed Generation Capacity, the Export Capacity or the Import Capacity is greater or equal to 1MW
- 2) Where there is an addition to an existing development at a site, this is included in the register at a separate row during the "Accepted to Connect" phase. This means that there is more than one row for such sites. Once the addition has been connected, the additional row(s) will be combined with the original row
- 3) Where MVA is converted to MW a power factor of 0.95 is used (i.e. 1MW converts to 1.05MVA, 1MVA converts to 0.95MW)
- 4) Information on service provision to DNOs is included for all assets of 1MW or greater that are providing services. Information is also provided for assets of less than 1MW by aggregating those assets that are providing a particular service

# 3 General Data

This section is completed for all customers of 1MW or more in capacity. It includes generators, storage but only those demand sites that are providing services.

General Data	
<b>Customer Name</b>	This is a unique reference number for each connectee
<b>Customer Site</b>	Data redacted due to confidentiality issues
<b>Grid Supply Point</b>	This is the point of delivery from the transmission system to a distribution system that is linked with the Customer Site or the eventual connection point if the network is to change to accommodate the connection. (This may change at or after connection).

<b>Bulk Supply Point</b>	This is the supply point on the DNO system (representing an EHV/EHV transformation level) linked with the Customer Site. (This may change at or after connection).
<b>Primary</b>	This is the relevant primary substation on the DNO system linked with the Customer Site. (This may change at or after connection).
<b>Licence Area</b>	This is the licence area the customer site is connected within
<b>Primary Resource Type</b>	This might not necessarily be the primary resource type. This could also be any secondary resource type connected to the site
<b>Primary Resource Type - Installed Capacity (MVA)</b>	This might not necessarily be the installed capacity. This could also be the applied for capacity or the additional capacity or the total capacity of the connection point
<b>Resource Type 2</b>	As is, any additional resource types or their installed capacities are not captured internally
<b>Resource Type 2 - Installed Capacity (MVA)</b>	
<b>Resource Type 3</b>	
<b>Primary Type 3 - Installed Capacity (MVA)</b>	
<b>ANM Connection</b>	Whether this is an Active Network Management connection
<b>Connection Status</b>	Whether the customer is Connected or Accepted to Connect

## 4 Already Connected

This section is completed for all customers of 1MW or more in size that are already connected to the network. It includes generators, storage but only those demand sites that are providing services.

ALREADY CONNECTED	
<b>Installed Generation Capacity (MVA)</b>	This is not necessarily the installed capacity. This could also be the applied for capacity or the additional capacity or the total capacity of the connection point
<b>Export Capacity (MW)</b>	This is the total MW export capacity permitted as currently recorded in our systems
<b>Export Capacity (MVA)</b>	This is the total MVA export capacity permitted as currently recorded in our systems
<b>Import Capacity (MW)</b>	This is the total MW import capacity permitted as currently recorded in our systems
<b>Import Capacity (MVA)</b>	This is the total MVA export capacity permitted as currently recorded in our systems
<b>Date Connected</b>	Date Project connected to network or energised, or electrical works completed.

## 5 Accepted to Connect

This section is completed for all customers of 1MW or more in size that have agreements in place to connect to the network. It includes generators, storage but only those demand sites that are providing services.

<b>Accepted to Connect Generation Capacity (MVA)</b>	This is considered to be the same capacity as the primary resource type installed capacity
<b>Export Capacity (MW)</b>	This is the total additional MW export capacity permitted as currently recorded in our systems
<b>Export Capacity (MVA)</b>	This is the total additional MVA export capacity permitted as currently recorded in our systems
<b>Import Capacity (MW)</b>	This is the total additional MW import capacity permitted as currently recorded in our systems
<b>Import Capacity (MVA)</b>	This is the total additional MVA import capacity permitted as currently recorded in our systems

<b>Date Accepted</b>	This is the date the customer contracted with GBSO/DNO/IDNO.
<b>Target Energisation Date</b>	Estimated date of energisation. Subject to change as the definite connection date approaches

## 6 Providing Services

This section includes all assets of 1MW or greater that are providing services to network companies including the ESO. Information is also provided for assets of less than 1MW by aggregating those assets that are providing a particular service.

<b>Distribution Service Provider (Y/N)</b>	Whether the resource provide services to a DNO?
<b>Transmission Service Provider (Y/N)</b>	Whether the resource provide services to the ESO or a TO
<b>Reference</b>	A unique reference to link to the Providing Services tab.

<b>Distribution Services</b>	
<b>Asset Reference</b>	This is a cross-reference from field Ref AD on the SWRR. This indicates particular assets of 1MW or greater that are providing services.
<b>Aggregated Service</b>	Whether resources being aggregated to provide this part of the service
<b>Service Identifier</b>	This field identifies the particular network company service area.
<b>Grid Supply Point</b>	This is the GSP linked to resource (or to the aggregated group of resources).
<b>Type of Service</b>	The type of service being provided.
<b>MW Provided</b>	This is the MW amount of service provided.
<b>Contract End Date</b>	End-date of ongoing contract.
<b>Exclusivity</b>	Whether a contract require customer site to limit provision of services to other parties