

Timely Connections Report

1st April 2022 – 30th September 2022



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Introduction

About the Timely Connections Report (“the Report”)

The Report provides analysis of the new 338 licensed offers which have been made by National Grid ESO, for the period 1st April 2022 – 30th September 2022.

In addition to the 338 licensed offers, in England & Wales we made 57 Project Progression Offers in respect of numerous embedded generators connecting at distribution level. Due to the nature of these applications often being in respect of many embedded generators connecting to the DNO network at different times these offers have been excluded from the detailed analysis. We also made 24 Offers to DNOs in respect of BEGAs and BELLAs which we have not included to avoid double counting.

The Report provides information on the factors that influence the connection dates being offered to customers and the timescales for connection by Electricity Ten Year Statement (ETYS*) region. It also provides information on the type of generation seeking to connect.

In this Report, we have included a section which looks at offers made under Connect and Manage arrangements and the average estimated advancement timescales provided to customers as a result of a Connect and Manage offer. The dates we use to determine advancement timescales are taken from our Network Options Assessment (NOA**) publication.

Previous copies of the Report can be found via the following link:

<https://www.nationalgrideso.com/connections/registers-reports-and-guidance>

*Link to ETYS

<https://www.nationalgrideso.com/document/223046/download>

**Link to NOA

<https://www.nationalgrideso.com/document/262981/download>

Key findings in this period

Overall the number of offers has increased from the last reporting period from 317 to 338. The number of offers made has risen in England & Wales with the largest increases in offers made by National Grid ESO seen across Wales, the Midlands and Southern England.

In Scotland, there has been a 28% increase over the same reporting period last year. 32% of offers issued in Scotland met the requested connection date. In England & Wales there has been an increase in the number of offers issued from the previous reporting period up from 164 to 204 and a significant increase on the same reporting period last year up from 153, with 29% of offers issued meeting the requested connection date. The increase is largely due to new connection applications for battery energy storage projects. The analysis includes offers provided with access restrictions which facilitated an earlier date than would have otherwise been provided.

Feedback

We are continuing to review the content and format of this Report and therefore, your views are important to us. If you would like to provide feedback or have any questions regarding this Report, then please do not hesitate to contact us via the following email address:

transmissionconnections@nationalgrideso.com

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Illustrative Connections Timescales

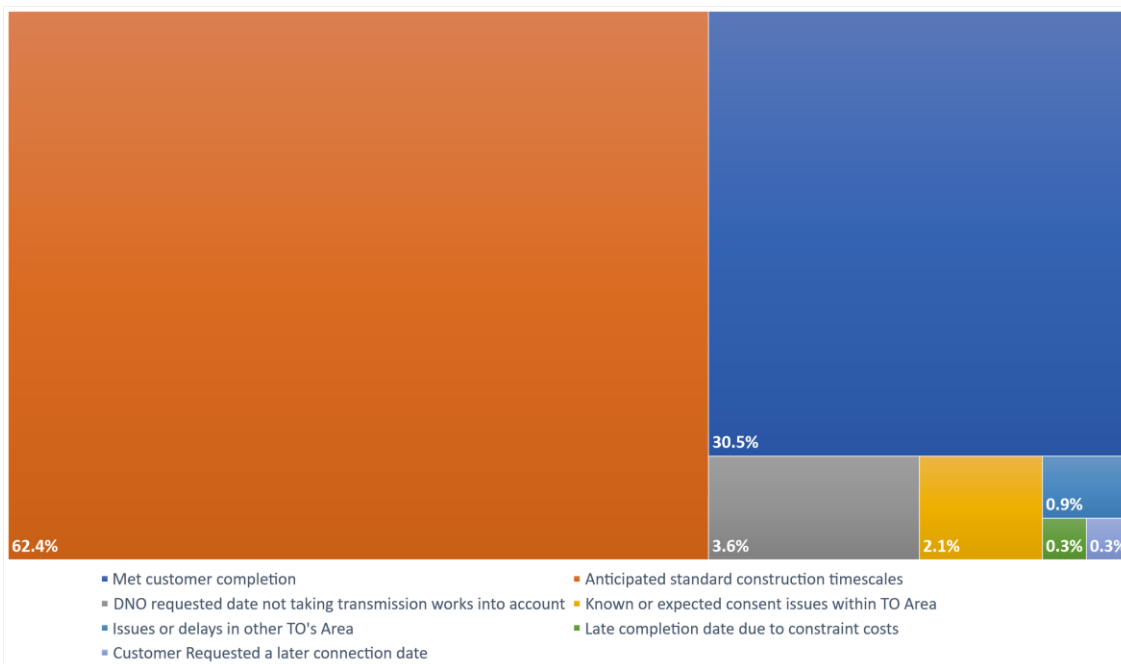
Customer Requested date vs. Date offered and average difference

The table below shows the number of offers made by ETYS region, the number where the connection date offered was later than that which the customer requested and the average connection date difference (in months) for Transmission and Distribution connections:

ETYS Region	No. of Offers made in period	No. with later connection date than requested	Average connection date difference for Transmission (months)	Average connection date difference for Distribution (months)
SP Transmission	56	32	23	17
SHE Transmission	77	58	36	24
OFTO	1	1	55	-
North Wales & Midlands	62	42	49	48
South Wales & South England	80	58	38	67
Eastern England	22	14	38	89
Northern England	40	30	47	-
Grand Total	338	235		

Factors that have influenced connection dates offered

The chart below shows a summary of those factors that have influenced the connection dates which have been offered during this period:



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Size and Type of Connection Offers

Offers made by connection type

ETYS Region	No. of Offers made in period	Renewable	Battery & Renewable	Stand Alone Battery	Reactive/ Synchronous Compensation	Non-Renewable	Demand	Interconnector
SP Transmission	56	19	10	24	0	3	0	0
SHE Transmission	77	33	9	25	0	7	3	0
OFTO	1	0	0	0	1	0	0	0
North Wales & Midlands	62	4	29	19	1	1	8	0
South Wales & South England	80	12	23	25	3	3	13	1
Eastern England	22	3	10	5	1	3	0	0
Northern England	40	1	17	8	3	5	6	0
Grand Total	338	72	98	106	9	22	30	1

Note: The classification "Renewable" includes low carbon technology.

Note1: Due to the reclassification of reactive / sync compensation as generation projects we have created a new column. Where these projects also have other generation capability these are counted within the relevant generation category.

The data shows that, across the country there continues to be significant amount of renewable connection applications, including a high volume of Energy Storage projects. Applications for Synchronous Compensation connections to in England and Wales have also increased.

Offers made by generation size

ETYS Region	No. of Small Offers made	No. of Medium Offers made	No. of Large Offers made	No. of Demand Offers made
SP Transmission	19	0	37	0
SHE Transmission	10	0	64	3
England & Wales	26	17	134	27

Notes - does not include interconnectors and the majority of the 'Demand' offers in England and Wales relate to 'small' Embedded Generation rather than new demand connections. In terms of sizes the classification is as follows:

- A "Small" generator is a site that is: <10MW in SHE Transmission, <30MW in SP Transmission, <50MW across the England and Wales regions.
- A "Large" generator is a site that is: >10MW in SHE Transmission, >30MW in SP Transmission, >100MW across the England and Wales regions.
- The classification of "Medium" generator exists in the England and Wales regions and is a site that is >50MW and <100MW

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Connect and Manage Offers

Number of C&M Offers made per ETYS Region and associated advancement timescales

ETYS Region	No. of C&M Offers made in the period	Average Advancement (in years)
SP Transmission	56	10.9
SHE Transmission	77	2.3
OFTO	1	0
North Wales & Midlands	62	0.9
South Wales & South England	79	0.9
Eastern England	22	0.9
Northern England	40	8.3
Grand Total	337	3.5

All offers are made to customers based on Connect and Manage, which allows for a connection to be made ahead of when the identified wider transmission reinforcement works can be completed, as a result of the Connect and Manage derogation against the National Electricity Transmission System Security and Quality of Supply Standards.

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