

Timely Connections Report

1st October 2021 – 31st March 2022



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Introduction

About the Timely Connections Report (“the Report”)

The Report provides analysis of the new 317 licensed offers which have been made by National Grid ESO, for the period 1st October 2021 – 31st March 2022.

In addition to the 317 licensed offers, in England & Wales we made 39 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.

The Report provides information on the factors that influence the connection dates being offered to customers and the timescales for connection by 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.

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>

Key findings in this period

Overall the number of offers has increased from the last reporting period from 257 to 317. The number of offers made has risen across all three TO areas with the largest increase in offers made by National Grid ESO seen in Scotland.

In Scotland, there has been a 47% increase in offers from the previous reporting period, and a 15% increase over the same reporting period last year. 57% 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 153 to 164 and a significant increase on the same reporting period last year up from 100, with 40% 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

Illustrative Connections Timescales

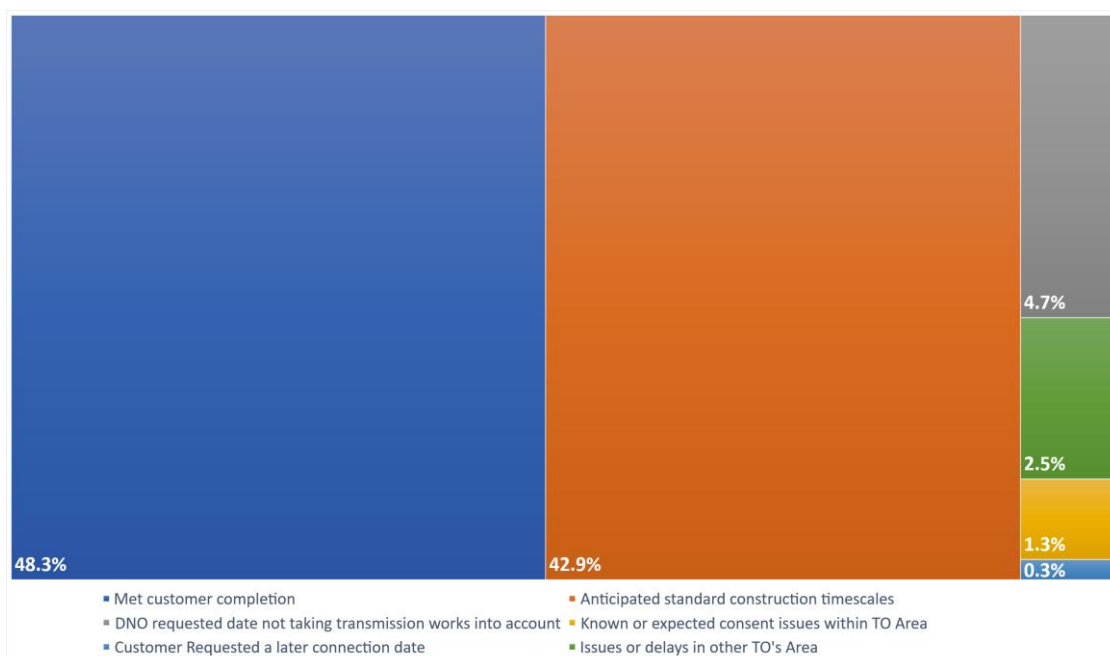
Customer Requested date vs. Date offered and average difference

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	69	23	22	18
SHE Transmission	83	42	28	24
OFTO	1	1	2	-
North Wales & Midlands	39	22	22	54
South Wales & South England	64	44	27	43
Eastern England	21	12	31	-
Northern England	40	25	33	67
Grand Total	317	169		

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:



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	69	38	13	13	1	4	0	0
SHE Transmission	83	51	7	17	3	5	0	0
OFTO	1	0	0	0	1	0	0	0
North Wales & Midlands	39	2	18	10	3	1	5	0
South Wales & South England	64	8	14	17	6	2	14	3
Eastern England	21	5	9	3	1	0	3	0
Northern England	40	8	5	10	6	5	6	0
Grand Total	317	112	66	70	21	17	28	3

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	16	0	53	0
SHE Transmission	5	0	78	0
England & Wales	21	21	78	28

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

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	69	11.7
SHE Transmission	83	10.6
OFTO	1	14
North Wales & Midlands	39	4.7
South Wales & South England	64	3.8
Eastern England	21	3.3
Northern England	40	10.5
Grand Total	317	7.2

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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