nationalgridESO

Timely Connections Report

1st October 2020 – 31st March 2021

Contents

Introduction

About the Timely Connections Report ("the Report")

The Report provides analysis of the new 232 licensed offers which have been made by National Grid, for the period 1st October 2020 – 31st March 2021.

In addition to the 232 licensed offers, in England & Wales we made 25 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/181711/download

Key findings in this period

Overall the number of offers has increased in this reporting period from 179 to 232. 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 Northern Scotland.

In Scotland, there has been a 62% increase in offers from the previous reporting period, and a 17% increase over the same reporting period last year. 48% of offers issued in Scotland met the requested connection date. In England & Wales there has been a slight increase in the number of offers issued from the previous reporting period from 97 up to 100 and a slight decrease on the same reporting period last year down from 107, with 57% of offers issued meeting the requested connection date. This 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

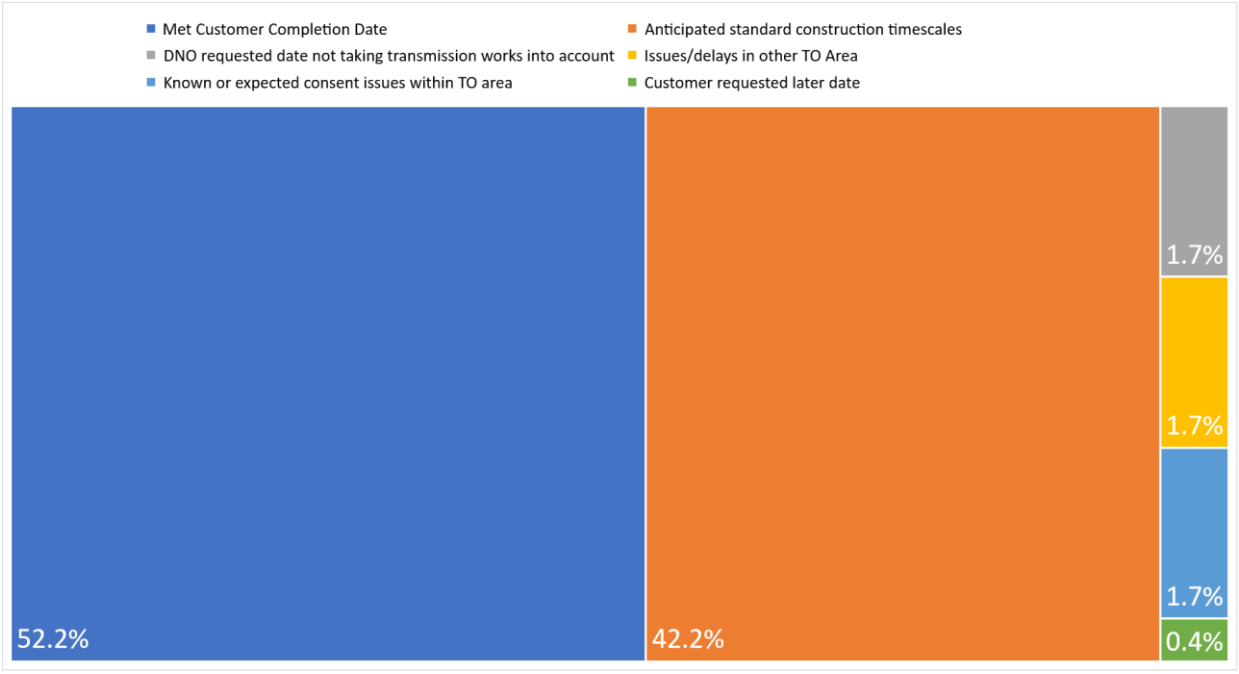
Customer Requested date vs. Date offered and average difference

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	62	33	25	-
SHE Transmission	70	34	24	13
North Wales & Midlands	36	15	25	-
South Wales & South England	30	15	17	-
Eastern England	14	3	24	-
Northern England	20	8	11	-
Grand Total	232	108		

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	Battery & Non-Renewable	Non-Renewable	Demand	Interconnector
SP Transmission	62	39	1	9	0	5	7	1
SHE Transmission	70	51	4	8	0	2	5	0
North Wales & Midlands	36	8	5	6	0	7	10	0
South Wales & South England	30	2	2	6	0	3	17	0
Eastern England	14	7	1	0	1	2	3	0
Northern England	20	3	4	1	0	9	3	0
Grand Total	232	110	17	30	1	28	45	1

Note: The classification “Renewable” includes low carbon technology.

Note1: Pure reactive / sync compensation projects are included within the Demand category. Where these projects also have generation capability these are counted within the relevant generation category.

The data shows that there continues to be significant interest in applications for (or modifications related to) renewable projects in Scotland. Applications in England and Wales remain for a broader spectrum of technology types.

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	15	0	39	7
SHE Transmission	12	0	53	5
England & Wales	23	8	36	33

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	61	7.4
SHE Transmission	70	8.1
North Wales & Midlands	36	8.2
South Wales & South England	30	5.8
Eastern England	14	5.4
Northern England	20	8.9
Grand Total	232	7.3

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.

Faraday House, Warwick Technology Park,
Gallows Hill, Warwick, CV34 6DA

nationalgrideso.com

nationalgridESO