nationalgridESO

Timely Connections Report

1st April 2018 – 30th September 2018

Contents

Introduction

About the Timely Connections Report ("the Report")

The Report provides analysis of the new 141 licensed offers which have been made by National Grid, for the period 1st April 2018 to 30th September 2018.

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

Key findings in this period

Overall the number of offers has increased in this reporting period from 109 to 141 with a significant increase in the Offers made by National Grid in England & Wales.

In England and Wales there has been a 124% increase from the previous reporting period, with 76% 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. In Scotland 52% of offers met the requested connection date.

A number of generation connections remain in a 'scoping' phase or awaiting a successful outcome in the Capacity Market and therefore, there is significant uncertainty as to which generation is going to connect and in what timescales. In England & Wales there has also been a shift to smaller connections wanting to connect in quicker timescales.

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@nationalgrid.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):

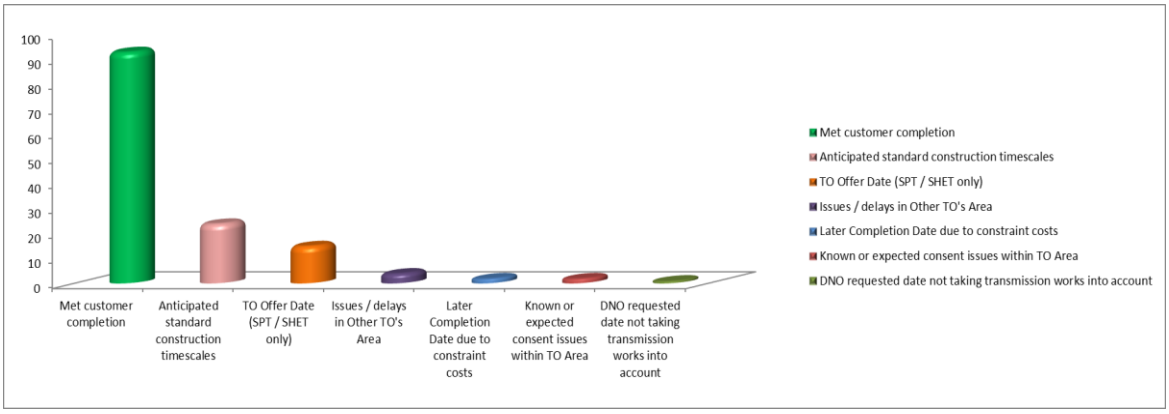
ETYS Region	No. of Offers made in period	No. with later connection date than requested	Average connection date difference **(months)
SP Transmission	29	18	17
SHE Transmission	27	9	17
West England & Wales*	28	7	19
Southern England	25	11	13
Eastern England	14	2	4
Northern England	18	2	12
Grand Total	141	49	N/A

* Please note that many of the offers in this area relate to Embedded Generation and the offer has been viewed in the context of the offer to the DNO rather than the offer to each individual Embedded Generator as is the case for Project Progression in Scotland.

** Please note that for the treatment of “staged” offers (i.e. a single contract but with more than one stage of construction and / or capacity) an average has been derived for the purposes of the connection date difference. This has been achieved by summing the difference (in months) per stage and then dividing this total by the number of stages e.g. Stage 1 advancement of 12 months and Stage 2 advancement of 6 months = total 18 months (12 + 6) divided by 2 (stages) = 9 months average difference for that single contract. This value is then added to the other values for offers made within that ETYS region to determine the average connection date difference for that region.

Factors that have influenced connection dates offered

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



Expressed as a percentage the factors show that for the 141 offers which were issued by National Grid during the period of 1st April 2018 - 30th September 2018:

- 67% met the customers requested completion date, some with interim access restrictions
- 16% Anticipated standard construction timescales
- 11% TO Offer Date (SPT/SHET only)
- 3% Issues/delays in Other TOs Area
- 1% were where the DNO requested date not taking transmission works into account, there were known or expected consent issues within TO Area, or there was a later completion date due to constraint costs.

Size and Type of Generation Offers

Offers made by generation type

ETYS Region	No. of Offers made in period	Renewable	Non-Renewable	Demand	Interconnector
SP Transmission	29	18**	2**	10	0
SHE Transmission	27	17	2	8	0
West England & Wales*	28	1	14	13	0
Southern England	25	1	17	6	1
Eastern England	14	0	12	1	1
Northern England	18	4	9	4	1
Grand Total	141	41	56	42	3

* Please note that many of the offers in this area relate to Embedded Generation and the offer has been viewed in the context of the offer to the DNO rather than the offer to each individual Embedded Generator as is the case for Project Progression in Scotland.

** One offer in the SPT Transmission area is split between CHP & Solar, the numbers above therefore reflect this split of generation but do not change the overall number of offers made.

Note: The classification "Renewable" includes low carbon technology and the demand figures include 'bulk' project progression offers as referenced above.

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, with the majority of offers for new battery storage connections.

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	14	0	15	10
SHE Transmission	10	0	17	8
England & Wales	64	0	18	24

Notes - the majority of the 'Demand' offers relate to 'small' Embedded Generation rather than new demand connections, and these are included in the above table as both a Small Offer and a Demand Offer. The table does not include Interconnectors. 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)	Renewable	Non Renewable
SP Transmission	29	7.2	18**	2**
SHE Transmission	27	7.1	17	2
West England & Wales*	18	4.9	0	13
Southern England	20	5.3	1	16
Eastern England	9	5.9	0	9
Northern England	9	7.3	1	8
Grand Total	112	6.3	37	50

* Please note that many of the offers in this area relate to Embedded Generation and the offer has been viewed in the context of the offer to the DNO rather than the offer to each individual Embedded Generator as is the case for Project Progression in Scotland.

** One offer in the SPT Transmission area is split between CHP & Solar, the numbers above therefore reflect this split of generation but do not change the overall number of offers made.

Connect and Manage offers are given to those customers who request a connection date ahead of when the identified wider transmission reinforcement works can be completed. The agreements contain the requirement for derogation against the National Electricity Transmission System Security and Quality of Supply Standards which once approved allows for a connection to be made ahead of those wider transmission reinforcement works.

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