

Electricity Ten Year Statement

Half Year update to the 2018 ETYS

May 2019

Introduction

In November 2018, in our role as Electricity System Operator (ESO) we published the 2018 Electricity Ten Year Statement (ETYS). As part of the annual ETYS programme, we review and/or revise the information set out in the ETYS in six-month intervals to ensure that you, our stakeholders, are provided with accurate and up-to-date information.

The 2018 ETYS provided you with information on the current capability as well as the future bulk transfer requirements of the GB National Electricity Transmission System (NETS). This information was used by the GB transmission owners to propose reinforcement options to meet future requirements. From this, the ESO presented recommendations on the preferred network reinforcement options to meet future required transfers of the GB NETS in an economic, efficient and coordinated manner in the Network Options Assessment (NOA) 2018/19. The NOA 2018/19 was published in January 2019.

Since the publication of ETYS in November 2018, we have published our detailed probabilistic case study for feedback and have made progress with our regional voltage analysis work. In this year's half-year update to the 2018 ETYS, we will provide you the latest updates on these projects as well as provide you with information relating to our 2019 ETYS production cycle.

Updates

Probabilistic Thermal Analysis Case Study

In March 2019, we published a probabilistic thermal [case study](#) to show how we're developing our probabilistic network planning tool and analysis methodology to address year-round thermal transmission requirements. We continue to welcome your feedback to support the development of our probabilistic network planning tool and analysis. Following review of your feedback, we will publish our intended use of the probabilistic tool and analysis in the NOA methodology in Q2 2019.

Regional Voltage Analysis work - Voltage pathfinders (Mersey, Pennines)

In December 2018, findings from our work with the Energy Networks Association (ENA) looking at the whole system investment planning process were published [on the ENA website](#). The report presented the models and processes to enable distribution schemes to provide economic and efficient solutions in the short term, for issues faced by the Electricity System Operator (ESO). In March 2019, we published the first of our Requests for Information (RFIs) – the [Mersey Long Term Reactive Power Services RFI](#). This is the next step in expanding the process for voltage solutions to include the assessment of market-based options against Network Owner options. We are seeking input and feedback to the RFI from potential providers. A further RFI for the Pennine region will be published later this year.

Stakeholder Feedback on the Form of ETYS 2019

Stakeholder feedback is one of the key things we consider when outlining the form of the ETYS. We continue to welcome your views on how the ETYS could evolve to better meet your needs and your expectations. A stakeholder consultation is ongoing to get your views on how we could improve the 2019 ETYS publication. The consultation period is now open and will be closed by 5pm on Friday 17 May 2019. You can help us shape our document by reviewing our [consultation document](#) and providing feedback via our survey [here](#).

The 2019 ETYS and NOA 2019/20

We will publish the 2019 ETYS by 30 November 2019. The 2019 ETYS will build on the 2019 Future Energy Scenarios (FES) to be published in July 2019. Information from both the FES and the ETYS will then be used to inform the recommendations on the preferred network reinforcement options presented in the NOA 2019/20 document, to be published in January 2020.

2019 Publication Registration

To ensure that you are provided with timely notification relating to the publication of the FES, ETYS, NOA and other National Grid documents, the following link has been provided where you can register:

<https://nationalgrid.us20.list-manage.com/subscribe?u=653aa73e3a1af04b72fa0b5ae&id=001622b29a>

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