

Evolution of Electricity Ten Year Statement 2016

Consultation

UK electricity transmission



Overview

We are revising the form of our Electricity Ten Year Statement (ETYS) and would like to know your views on our proposal.

This consultation on the form of the ETYS provides you our latest view of how the ETYS should evolve to better meet your needs and serve its purposes. We would appreciate your feedback on our revised form of the ETYS. Please take the opportunity to comment on this consultation.

Responses to this consultation should be sent to transmission.etyes@nationalgrid.com or submitted through https://www.surveymonkey.co.uk/r/ETYS2016_form by 5pm on Wednesday 18 May 2016. We will combine the feedback to this consultation and that we have received to date via various feedback channels when we consider the final form of 2016 ETYS.



Revised form of the ETYS

Question 1: What are your views on the revised purpose of the ETYS?

Question 2: What are your views on the revised form of the ETYS? Do they meet your needs and do you think they cover all the areas that should be in the ETYS?

Question 3: Is there any topic related to the future reinforcement requirements or our planning process of the electricity transmission network that you would like us to further explore?

Question 4: Do you think using boundaries as a means of representing transmission network capabilities and requirements is clear and easy to understand? How can we improve the boundary representation further? If not, which representation would you suggest us to use?

Question 5: What are your views on the revised ETYS appendices? Do they meet your needs and do you think they cover all the areas that should be in the ETYS?

We published the 2015 [Electricity Ten Year Statement \(ETYS\)](#), the latest edition, on 30 Nov 2015. We have been publishing the ETYS since 2012 in our role as System Operator (SO). The ETYS brings together information from the Seven Year Statement (SYS), the Offshore Development Information Statement (ODIS) and since 2013 the Network Development Policy (NDP) analysis.

Over the last few years, we have responded to your feedback and changes in policy and regulation – we have expanded our suite of documents that cover the future challenges and developments of the National Electricity Transmission System (NETS). The suite now includes the ETYS, the System Operability Framework (SOF) and the Network Options Assessment (NOA). To improve the information we give you, and the experience you have when navigating through these documents, we want to have clear focus of discussion in each document. While the SOF presents the future operability challenges and strategy and the NOA presents the options available and our preferred options to meet reinforcement requirements of the NETS;

The purpose of the ETYS is to present the current capabilities and future requirements for bulk power transfer of the NETS.



With this renewed focus of the ETYS in mind, we are proposing the structure of the 2016 ETYS as follows:

Introduction

This section provides an overview of the background to the document, defines the purpose of the ETYS and how the ETYS fits into the suite of Future of Energy documents.

Input for the analysis

This section describes the information and data we use in our analysis. We build our analysis on the UK Future Energy Scenarios (FES). Where the information or data comes directly from the FES, we will sign-post where you can find the information from the FES document. If the information or data is further processed before it is used in our analysis, we will provide the processed information or data in this section, and explain how it is different to what the FES document shows if necessary.

Current capabilities and future requirements

This section describes the capability of the National Electricity Transmission System (NETS), and how we see the future requirements on the system will be for the next decade and beyond.

We will present the capability of the system by the means of boundaries, with future capability marked against the Security and Quality of Supply Standard (SQSS) driven boundary requirements for the various scenarios. We will also include a regional summary on the challenges that we observe in our analysis; where there are specific scenarios that lead to technical challenges in future planning of the transmission network, we will share our observation as case studies.

Our annual planning process – next step

This section provides an overview of our annual planning process, explains how the ETYS is linked to this process and highlights the next and last step in our annual planning cycle – the NOA.

Stakeholder engagement activities

This section presents our plan for stakeholder engagement activities following the publication of the 2016 ETYS.



Appendices

We have reviewed the information we provided in the appendices. We use the 3 criteria below to decide what information we should provide as appendices of the ETYS:

- we can share the information in our role as System Operator,
- the information is not already available from other National Grid's or network owners/operators' publications, and
- information that you have told us that is useful and valuable to you.

With the above criteria in mind, we are proposing to include the following appendices in 2016 ETYS:

- System schematics and geographic diagrams
- System technical data
- Fault level data

Some locational data used for TNUoS charging purposes (e.g. User Based Demand forecasts and Contracted Transmission Entry Capacities) will no longer be published in the ETYS; instead we will include this data in a dedicated "TNUoS Transport Model Locational Data" publication on our website <http://www2.nationalgrid.com/UK/Industry-information/System-charges/Electricity-transmission/Transmission-Network-Use-of-System-Charges/Tools-and-Data/>

