

Date of Submission

May 2021

Network Innovation Allowance Progress Report

Notes on Completion: Please refer to the appropriate NIA Governance Document to assist in the completion of this form.

Network Licensees must publish the required Project Progress information on the Smarter Networks Portal by 31st July 2014 and each year thereafter. The Network Licensee(s) must publish Project Progress information for each NIA Project that has developed new learning in the preceding relevant year.

Project Progress**Project Title**

Future Fiscal Forecasting

Project Reference

NIA_SSEN_0045

Funding Licensee(s)

Southern Electric Power Distribution

Project Start Date

March 2020

Project Duration

0 years and 9 months

Nominated Project Contact(s)

SSEN NIA Programme Delivery Manager – Colin Mathieson

Scope

This project will use GB Settlements sourced 'fiscal' metering in combination with SCADA data and weather data to:

- 1) forecast energy consumption for a Distribution Service Area and disaggregate this into the corresponding GSPs i.e. the SEPD DSA and 18 GSPs;
- 2) Forecast energy consumption for a sample of HV feeders with a high uptake of demand or generation (two generation dominated, and two demand dominated)

Project findings will be communicated in a written report and shared amongst GB DNO experts via a face to face workshop.

Objectives(s)

The project objectives include:

- assessment of the availability and suitability of current and future data sources which could provide more detailed fiscal forecasting of energy volumes;
- an assessment of methodology to be used; and a quantitative evaluation of the level of accuracy of the new forecasting model

Success Criteria

If the project delivers the anticipated learning (whether the new forecasting model in trial provides accurate forecasting) to GB stakeholders, then it is deemed successful.

Performance Compared to the Original Project Aims, Objectives and Success Criteria

This project is presently in the early stages with no noteworthy material to present.

Required Modifications to the Planned Approach During the Course of the Project

N/A

Lessons Learnt for Future Projects

This project is presently in the early stages with no noteworthy learning to present.

The Outcomes of the Project

This project is presently in the early stages.

Data Access

See Network Innovation Competition (NIC) and Network Innovation Allowance (NIA) Data Sharing Procedure at <https://www.ssen.co.uk/InnovationLibrary/Distribution/>

Foreground IPR

N/A