

NIA ENWL019 **Interface**

Progress Report

31 July 2019



VERSION HISTORY

Version	Date	Author	Status	Comments
V1.0	29.05.19	Geraldine Paterson	Final	

REVIEW

Name	Role	Date
Lucy Eyquem	Innovation PMO Manager	30.05.19
Paul Turner	Innovation Manager	26.07.19

APPROVAL

Name	Role	Date
Steve Cox	Engineering & Technical Director	29.07.19

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1 PROJECT FUNDAMENTALS

Title	Interface
Project reference	NIA_ENWL019
Funding licensee(s)	Electricity North West Limited
Project start date	October 2018
Project duration	3 years
Nominated project contact(s)	Geraldine Paterson (innovation@enwl.co.uk)

2 PROJECT SCOPE

The project will be mainly an investigative piece into the various interfaces, communications mediums and protocols. Trials will be conducted to ensure all the different devices work together whilst maintaining data security.

3 OBJECTIVES

- Identify all communications mediums and protocols for monitoring and control of DNO and customers equipment.
- Trial interfaces to DNO and customer equipment.
- Develop control methodologies for managing customers' and DNOs' equipment to resolve local constraints.

4 SUCCESS CRITERIA

- Production of functional specification for a communications hub to transfer monitoring data and controls between the NMS and DNO / customer owned equipment.
- Production of control methodologies for managing customers' equipment.
- Successful trial of the communications hub and interfaces and associated control methodologies

5 PERFORMANCE COMPARED TO THE ORIGINAL PROJECT AIMS, OBJECTIVES AND SUCCESS CRITERIA

The progress so far has been mainly concerned with a review of ENW's existing specifications, future requirements, what work has been done in this area and an initial search into possible solutions.

Premises have been secured for the test area and the process of fitting this out with the necessary equipment to be communicated with has started.

The functional specification has started to be developed and it is anticipated that a procurement-led tender process for solutions will start within the next few months.

6 REQUIRED MODIFICATIONS TO THE PLANNED APPROACH DURING THE COURSE OF THE PROJECT

There have been no modifications to the planned approach so far in the project.

7 LESSONS LEARNED FOR FUTURE PROJECTS

There are no lessons learned at this stage in the project.

8 THE OUTCOME OF THE PROJECT

Not applicable.

9 DATA ACCESS

Electricity North West's [innovation data sharing policy](#) can be found on our website.

There has been no data gathered so far during the project.

10 FOREGROUND IPR

None

11 PLANNED IMPLEMENTATION

Not applicable.

12 OTHER COMMENTS

Not applicable.