Using additional Electralink data flows to improve DTN Testing in the BSC audit

25/10/2018
Chris Stock

ELEXON

Introduction

- ELEXON currently receives 24 flows used for:

  - Data quality monitoring, Audit testing, and ad-hoc Performance Assurance analysis

  - DTN Scripts to automatically report on various aspects to be audited

  - Allowing the Audit to be deployed with more precision and assurance

  - Allowing for a more targeted approach to the BSC Audit

  - More complete and accurate information to provide greater value added output from the audit

- Following feedback from past audits and analysis of the existing DTN tests, we have identified specific data flows that would either reduce the number of false positives

- To receive these, we require the agreement of Suppliers and the PAB

ELEXON

Justification for new flows

- Addressing feedback from past audits

- To enhance BSC Audit testing and improve future analysis

- Reducing the amount of data requested from participants and target systemic issues and exceptions

- Electralink are due to provide a quote prior to the PAB meeting and we will provide a verbal update on the day

ELEXON

The Flows

Flow Type	Description	Reasoning
D0221	Notification that a meter could not be installed or a system energised due to faults or access problems.	New DTN test enabled
D0312	Update ECOES with change to non-MPAS sourced data	New DTN test enabled
D0052	Establish the settlement details and EAC applied for a specified metering point and unmetered supply. Used for new metering points, change in settlement details or change in Profile Class	Reduces data requests
D0209	Covers appointment details for Data Aggregator/Data Collector and details of Registrations, Measurement Class, Energisation Status, Line Loss Factor Class, GSP Group, and for NHHDA will include Profile Class/Standard Settlement Configuration.	Reduces data requests
D0004	A report identifying meter reading systems where readings could not be obtained.	Reduces data requests
D0095	Details of exceptions raised by the NHHDA pertaining to one Supplier	Reduces data requests
D0235	Details of exceptions raised by the HHDA on incomplete/inconsistent data received from HHDCs against that received from MPAS	Reduces data requests
D0067	Registration System notifies New Supplier that the Old Supplier has objected to the Change of Supplier.	Reduces false positives
D0058	Notification that a metering point has been registered to another Supplier	Reduces false positives
D0382	Newly created Commissioning Flows	New DTN Test potential
D0383		
D0384		

Recommendations

We invite you to:

- **ENDORSE** to the request to add the additional 12 flows; and

- **NOTE** ELEXON will write to all Suppliers requesting their approval.

ELEXON