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DP152 ‘Consumption on Smart Polyphase Electricity Meters’ Business requirements – version 0.2

About this document

This document contains the business requirements that support the solution for this Modification Proposal. It sets out the requirements along with any assumptions and considerations. The DCC will use this information to provide an assessment of the requirements that help shape the complete solution.

1. Business requirements

This section contains the functional business requirements. Based on these requirements a full solution will be developed.

Business Requirements	
Ref.	Requirement
1	To allow DCC Users to interrogate polyphase metering equipment, at each phase
2	To allow consumers to obtain consumption data across meter phases
3	To allow Suppliers the opportunity of smart tariffs, with the ability to read phase data

2. Considerations and assumptions

This section contains the considerations and assumptions for each business requirement.

2.1 General

Any considered solution must include the original intent of the original request being raised. This is to allow DCC Users to interrogate polyphase metering equipment and read consumption data at each phase.

This additional information provided, would enable Consumers being able to obtain more granular data, on their usage behaviour.

Suppliers will have the opportunity of being able to provide tariffs per phase, designed for these meters, allowing consumers to see the data for each phase.

2.2 Requirement 1: To allow DCC Users to interrogate polyphase metering equipment at each phase

Any solution proposed must include the ability for the DCC Users to have access to the polyphase metering equipment, for the purpose of analysing data, from each phase of the meter.

This data will include:

- Consumption per phase, (for half hourly data)
- Tariff per phase

2.3 Requirement 2: To allow Consumers to obtain consumption data across meter phases

Any solution proposed, must allow consumers the ability to view phase data, from the smart meter equipment, installed within their premises.

This data will include:

- Consumption per phase
- Tariff per phase

2.4 Requirement 3: To allow Suppliers the opportunity of smart tariffs, with the ability to read phase data

Any solution proposed, must allow the Suppliers the opportunity to offer consumers tariffs that allow consumers the ability to read phase data, from the smart metering equipment installed within their premises.

3. Glossary

This table lists all the acronyms used in this document and the full term they are an abbreviation for.

Glossary	
Acronym	Full term
DCC	Data Communications Company