ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4) POWER SYSTEMS

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Learning Legacy Document

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1 Introduction

Each class of Facility can belong to one of two Facility Types; Geographic or Linear/Functional.

The Geographic Facility Type is a Facility that is entirely located at a single location. The Geographical Facilities are easily identified and have distinct boundaries. They normally contain systems that are wholly operated and maintained within that facility.

The Linear/Functional Facility type is a Facility that contains systems/subsystems which are based a multiple locations (which should reside at Geographical Facilities). Linear Facilities contain complete systems that run the entire length of the maintainable route and could not easily be manage using Geographical Facilities.

1.1 Facility Details

Class Code:	FAC013
Class Name:	POWER SYSTEMS
Facility Type:	LINEAR/FUNCTIONAL

1.2 Description

The Power Systems Facility is a Linear/Function Facility and groups all the power related infrastructure utilised during the operation of the railway. Typically this includes Earthing and Bonding, HV Power and OHLE.

Low Voltage Power is excluded from this facility as these are typically run on circuits localised at Geographic Facilities.

1.3 Related PFUs & FUs

All information on the configuration of facility classes to PFUs & FUs is contained within the latest revision of the Asset Data Dictionary Master Configuration document (eB ref: CRL1-XRL-Z3-ADDSD-CR001-50186)

2 Facility Identification Rules

Facilities will be identified in the following format:

FAC-1-<Incremental number to ensure uniqueness>

e.g. FAC-1-0001

3 Reference Material

- Asset Data Dictionary Master Configuration document - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031

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