EDL Instruction Interface - valid Reason Codes

nationalgridESO

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1. Introduction

Overview

This document has been produced as a guide for external organisations developing EDL NETA Software. It details the valid reason codes that may be sent from NGESO to control points via EDL. The operational interpretation of any payment associated with these codes can be found in the relevant Ancillary Services Contract. For a complete set of technical EDL specifications refer to NETA Project EDL Message Interface Specification CT/24.13.0013.

2. Valid Reason Code combinations

Conventional rotating plant (Inc Hydro)

DNS – Cease Contracted Response Service(s) Note this does not remove the grid code obligation to provide Limited Frequency Sensitive Response.

DC – Dynamic Containment Response

DCL – Dynamic Containment Low Response

DCH – Dynamic Containment High Response

DM - Dynamic Moderation Response

DML – Dynamic Moderation Low Response

DMH – Dynamic Moderation High Response

DR – Dynamic Regulation Response

DRL – Dynamic Regulation Low Response

DRH – Dynamic Regulation High Response

ITA – Intertrip Service Armed

ITD – Intertrip Service Disarmed

MN – Limited Frequency Sensitive Response

MF – Primary, Secondary and High Frequency Response

MP – Primary and High Frequency

MFA – Primary, Secondary and High Frequency Response Subject to ASB contract A

MFB – Primary, Secondary and High Frequency Response Subject to ASB contract B

MFC – Primary, Secondary and High Frequency Response Subject to ASB contract C

MFD – Primary, Secondary and High Frequency Response Subject to ASB contract D

MFE – Primary, Secondary and High Frequency Response Subject to ASB contract E

MPA – Primary and High Frequency Response Subject to ASB contract A

MPB – Primary and High Frequency Response Subject to ASB contract B

MPC – Primary and High Frequency Response Subject to ASB contract C

MPD – Primary and High Frequency Response Subject to ASB contract D

MPE – Primary and High Frequency Response Subject to ASB contract E

EN – Emergency Instruction

BN – Instruction Logged due to Participants Behest

MR – Commence Fast Reserve Service

MO – Cease Fast Reserve Service

MNS – Limited Frequency Sensitive (Normal Slow Start or Normal Off)

MNV – Synch comp reason code

VQV – Start static reactive power service

VQO – Cease static reactive power service

Please visit https://www.nationalgrideso.com/balancing-services/lio-eic-codes for information on EIC codes and application forms to apply for EIC codes.

The EIC codes you will require will be W and/or X.

Please contact Box.lio@nationalgrideso.com for all EIC related enquiries.

Appendices

Appendix A – Document Information

Document Author

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Document Amendment History:

Version	Date	Amended By	Remarks
2.0	23 Jul 2001	Neil Ashley	Issued for NETA go-live
3.0	1 Jan 2021	John Walsh	Updated to reflect EDL for Stability Pathfinder instructions
4.0	22 Oct 2021	Angela Wilks	Updated to add new reason code for static reactive power service for Long Term Mersey Voltage Pathfinder
5.0	20 Jan 2022	Stuart Brace	Updated to add EDL disarming/re-arming instructions for Dynamic Moderation, Dynamic Regulation and Dynamic Containment
6.0		Haarith Dhorat	Updated to add new reason codes for intertrip service

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