Proposed Additional Reason Codes

Frequency Response

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Background

Ancillary Service Reform: Improving Disarming & Re-arming for Stacking

- The new suite of dynamic frequency response services have been live and in an operational state for 2 years.

- They have attracted many new providers which is expected to increase. This increase, along with the service needs, has placed new demands on the ENCC, which the original systems were not designed to cater for.

- As part of our work to reform frequency response we need to evolve the solution for how the control room disarm and re-arm response services.

- These changes will support the further evolution of our services.

- The current situation for the disarming & re-arming feature is:

  - there is a single disarm reason code for all the services whilst rearming can be done by service.
  - ENCC colleagues have requested enhancements to this capability including the ability to disarm by service.

- Therefore, new reason codes need to be introduced into service and the IT systems.

- A number of existing codes will be removed based on Service Provider feedback that it is easier to implement with the codes by individual service rather than grouped.

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What are we proposing?

The introduction of 6 new additional reason codes for Response Disarming.

Deleting 4 existing reason codes for Response Disarming and Re-arming.

Proposed Additional Reason Codes	
Disarm	
XCL	Dynamic Containment Low Response
XCH	Dynamic Containment High Response
XML	Dynamic Moderation Low Response
XMH	Dynamic Moderation High Response
XRL	Dynamic Regulation Low Response
XRH	Dynamic Regulation High Response

Existing Reason Codes (to be deleted)	
Disarm	
DNS	Cease Contracted Response Service(s) at the Start time
Re-arm	
DC	Dynamic Containment Response should resume at the Start time
DM	Dynamic Moderation Response should resume at the Start time
DR	Dynamic Regulation Response should resume at the Start time

Documents to update

- The below Technical Standards of the Grid Code will need updating:

EDL Instruction Interface – Valid Reason Codes - add 6 and delete 4 reason codes to the list in section 2

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Why change:

Business Benefit:

- Improved System Security – Features will enable control room to better protect system security by giving the ENCC more control over how they disarm and rearm

- Market Impact – Increased ENCC ability to control the dynamic products will enable further evolution of efficient markets

- Time Saved – Improved ENCC processes leading to faster operations and reduced risk of mistakes

When we expect these changes to be in place

- Our aim is to have these new reason codes in place by Spring 2024

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