

The webinar will start shortly.
To maximise participation and minimise disruption we will
be taking questions via the Teams Q & A facility,
therefore your microphones are muted.

Please note that the webinar will be recorded.

ESO Technical Webinar – New Response Reason Codes & Participant Testing

5 February 2024

Agenda

1. Introduction
2. What are the new Reason Codes?
3. Timeline of changes to Reason Codes
4. Participant Testing
5. Next Steps
6. Q & A

Introduction

The original reason codes for disarming and re-arming the new response services Dynamic Containment (DC), Dynamic Moderation (DM) and Dynamic Regulation (DR) were introduced in March 2023.

As you can see there is only a single code for disarming, whereas there are multiple codes for re-arming.

This resulted in some confusion, and there were lots of questions.

The new codes have been developed to be less confusing and more specific.

Original Reason Codes:

Reason Code	Instruction Description
DNS	Cease Response Service(s)
DC	Resume Dynamic Containment
DCL	Resume Dynamic Containment Low
DCH	Resume Dynamic Containment High
DM	Resume Dynamic Moderation
DML	Resume Dynamic Moderation Low
DMH	Resume Dynamic Moderation High
DR	Resume Dynamic Regulation
DRL	Resume Dynamic Regulation Low
DRH	Resume Dynamic Regulation High

N.B. The valid EDL Reason Codes are published on our website here: <https://www.nationalgrideso.com/document/33351/download>

What are the new Reason Codes?

The new codes are clear about which service is being disarmed and re-armed, as each variant of each service has its own disarm and re-arm code.

These new reason codes are based on feedback that we received from providers.

If needed 2 instructions can be issued to disarm a full service.

For example to disarm all DR services, instructions with reasons code XRL and XRH would be issued.

This will mean that the following reason codes will be retired from use: DNS, DC, DM, DR

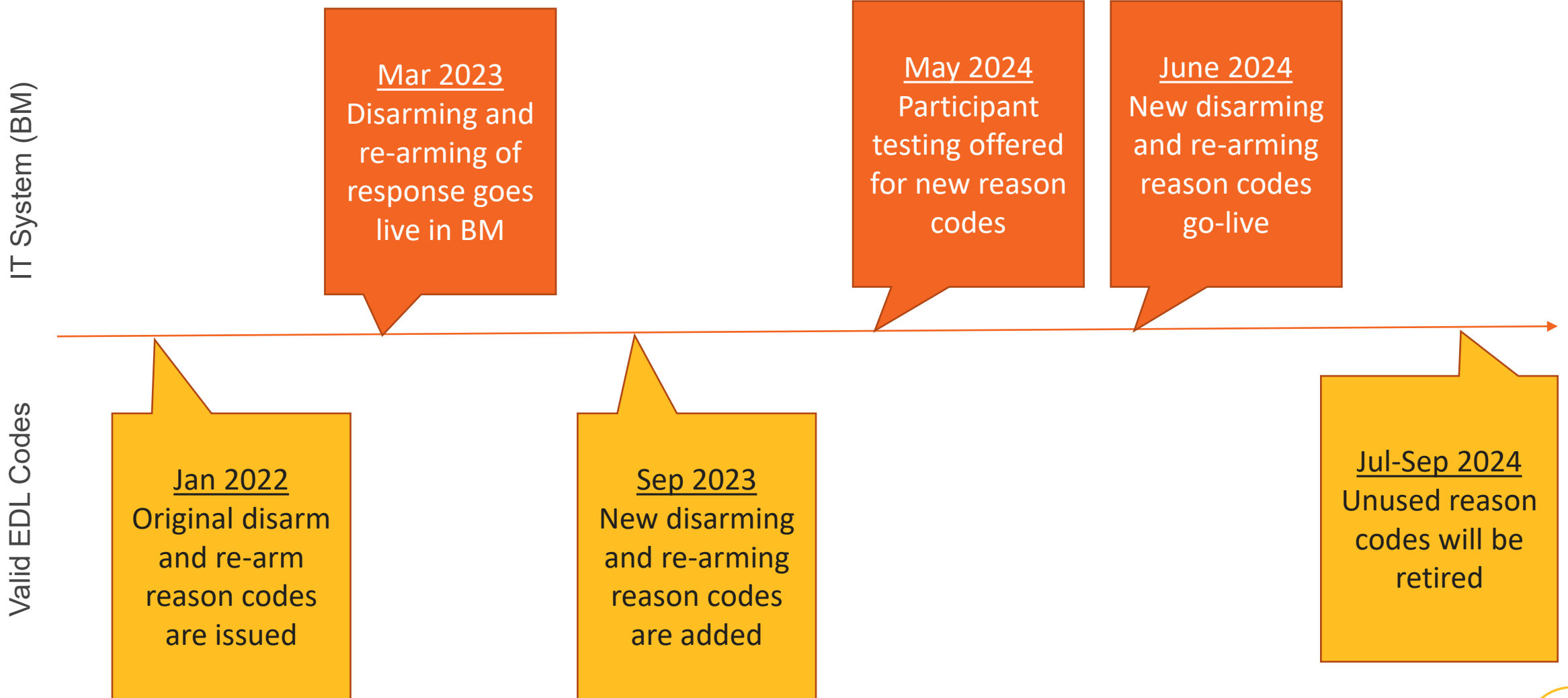
New Reason Codes:

Reason Code	Instruction Description	Reason Code	Instruction Description
XCL	Cease DCL	DCL	Resume DCL
XCH	Cease DCH	DCH	Resume DCH
XML	Cease DML	DML	Resume DML
XMH	Cease DMH	DMH	Resume DMH
XRL	Cease DRL	DRL	Resume DRL
XRH	Cease DRH	DRH	Resume DRH

Reason Codes to be retired:

Reason Code	Instruction Description	Reason Code	Instruction Description
DNS	Cease Response	DM	Resume DM
DC	Resume DC	DR	Resume DR

Timeline of Changes to Reason Codes



Participant Testing

What testing will be done?

Short EDL business process integration test will be done which will focus on sending instructions with the 12 reason codes detailed on slide 4

Two outcomes will be tested (as instruction can be either Accepted or Rejected)

Along with these we will do some selective regression of EDL instructions like BOA,MVAR,VOLT etc..

When will the testing be done?

Testing can be booked 20th – 31st May 2024

Contact details - Sandeep Burde (External Testing Lead) – Sandeep.Burde1@nationalgrid.com

Next Steps

1. ESO: Publish slides and Q & A on ESO website
2. Providers: Prepare your systems for the new codes
3. Providers: Contact us to arrange a testing slot during May 24
4. ESO: Publish go-live date ASAP
5. Providers: Be ready for to switch over to the new codes in June 24

Q & A

Please submit your questions via the Teams Q & A facility

If you have further questions or feedback, please send them to:
box.futureofbalancingservices@nationalgrideso.com



Thank You

If you have further questions or feedback, please send them to:
box.futureofbalancingservices@nationalgrideso.com