GC0109 Options Analysis

31/10/2018

GC0109 Context

History of Alerts

Alert Type	Total in last 5 years
NISM/ EMN	3
Demand Control Instructions	1
Emergency Instructions to generators	5
Localised NRAPM	24
ESEC, FSC	Never issued
Emergency Instructions to Parties Other than Generators, System NRAPM, HRDR, Demand Control Imminent, Risk of System Disturbance	No records

*Formal audit Records are held for 2 Years, although some older records exist

GC0109 Alerts & Warnings Future

The 'wider access' proposals currently being implemented will make it more economic for smaller parties to participate in the BM and there is also a move to allow demand aggregation services.

It is hoped that this will make actions available in the BM for NGESO and reduce the need for Localised NRAPMs and Emergency Instructions.

GC0109 Problem Statement

- Top 3 issues identified

  - Market awareness of where warnings are published and access for all market participants.

  - Notifications must be available in a timely manner to market participants and at the same time.

  - There are already multiple sources of warning information - *Consolidation to one source would be a nice to have.*

Assumptions

- Scope limited to notification of Market Participants

    - Exclude process of supplier activation

- Additional reporting – any audit requirements should be met by manual logging/data capture.

- We would not pass on notifications of actions taken by DNOs, not in our control

- Low cost or non material change to deliver this.

Options Analysis

Problem	Option 1 BMRS	Option 2 Simple Portal
1. Market Awareness	Y	Y
2. Consistent Delivery	Y – To Elexon for publication	Y
3. Consolidation	N	N
People	Control room – Increased Alerts activity	Control room – Increased Alerts activity
Process	Change to notification process	Change to notification process. Change to participants process to access data.
Org	Elexon – Increased use, Share to all. Change to ENCC processes	Elexon - BMRS remains as–is, unless decommissioned by a BSC change.
IT	• Access Management - MPs access to Elexon • Low impact update to GUI of existing NG system for warnings data entry. • Any update required in BMRS, impact TBC	Develop Portal Page – Access via Browser. Plug in data sources, Usability design. Pull and push functionality, Design, Build, Test
Time	• Control room determine the timeline to implement the change to process and roles. • BM GUI change – Requires scheduling • BMRS updated – Requires scheduling by Elexon.	2-4 months elapsed. (Small IT team plus portal supplier delivery)
Cost	BM GUI Change required: £10k estimated BMRS Cost TBC	50-100k estimated

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END