EBS Programme Update

15th November 2017
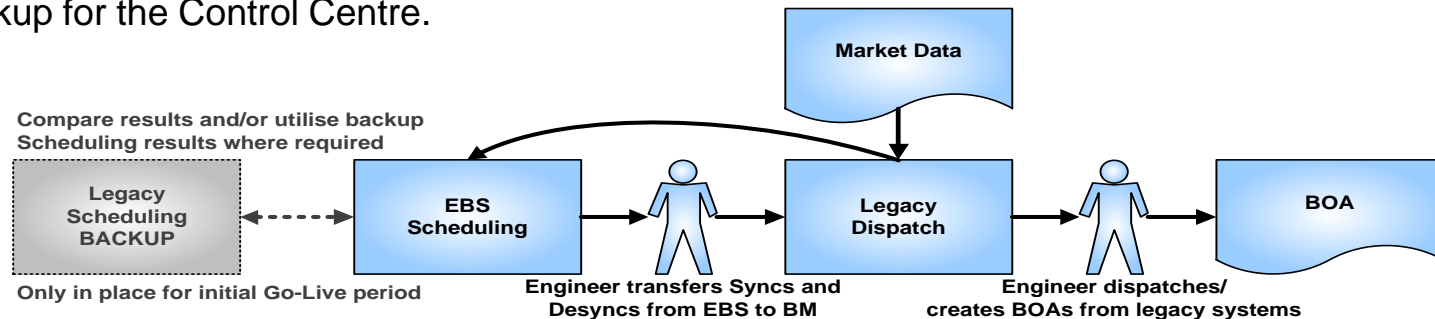
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EBS Programme Update

Agenda

1	**EBS Scheduling Operational**
2	**Update on Plan for Implementation**
3	**SO Industry Engagement on IS Projects**

EBS Scheduling Operational

- EBS Scheduling has now been live over 4 months and is the primary system providing scheduling advice (4hrs+ out) for GB with NG dispatch using legacy processes → **GB dispatch is unchanged**.

- As an indicator of EBS stability, no customer concerns/queries have been raised via the NG helpdesk as a result of EBS Scheduling: the EBS solution and NG's supporting processes are proving stable and controlled.

- During the initial period, legacy scheduling systems remain available as comparison, assurance and backup for the Control Centre.

Compare results and/or utilise backup Scheduling results where required

Legacy Scheduling BACKUP

Only in place for initial Go-Live period

EBS Scheduling

Market Data

Legacy Dispatch

BOA

Engineer transfers Syncs and Desyncs from EBS to BM

Engineer dispatches/ creates BOAs from legacy systems

- Additional engineering resources are deployed in the Electricity National Control Centre to provide assurance and support. The number of these additional resources is now being reduced as the solution beds in.

- Since go-live, a number of fix and maintenance releases have successfully been deployed into operation demonstrating the ability to accommodate future change.

- Continued effort will be required by the business to embed the EBS Scheduling solution ever deeper into daily operations and to provide enhancements to the tool.

Update on Plan for Implementation

- With Scheduling embedding well, key focus is to deliver the remaining balancing functionalities – mainly the dispatch elements

- The Programme has faced unexpected challenges in the dispatch delivery requiring further time to resolve. Recent tests on EBS dispatch show that, whilst it is managing frequency securely, the overall performance is not yet in line with NG expectations

- With changes in market environment (e.g. renewables) since EBS programme inception, along with the required defect fixes and evolution of toolset in response to scope increases

- The Programme is mobilising a new delivery model ensuring a higher degree of confidence in the end state solution

- Work has started with ABB on prioritising agile development sprints; we will commence sprints pilot in Dec 2017

SO Industry Engagement on IS Projects

Drivers

- Ofgem and participant feedback about more engagement around System Operator IT developments

- Significant change within the industry over the next few years that will impact IT systems:-

    - EU Codes
    - Multiple BSC modifications (inc P354 & P355)
    - Demand Side participation
    - EBS
    - Flexibility programme

Actions

- New internal governance approach to co-ordinate work across multiple projects to ensure joined-up approach to development and deployment

- Devise approach to engagement on IT systems to optimise industry time and resources

- Consultation on participants' engagement requirement – Dec 2017

- Specific Terms of Reference to follow post consultation outcome