

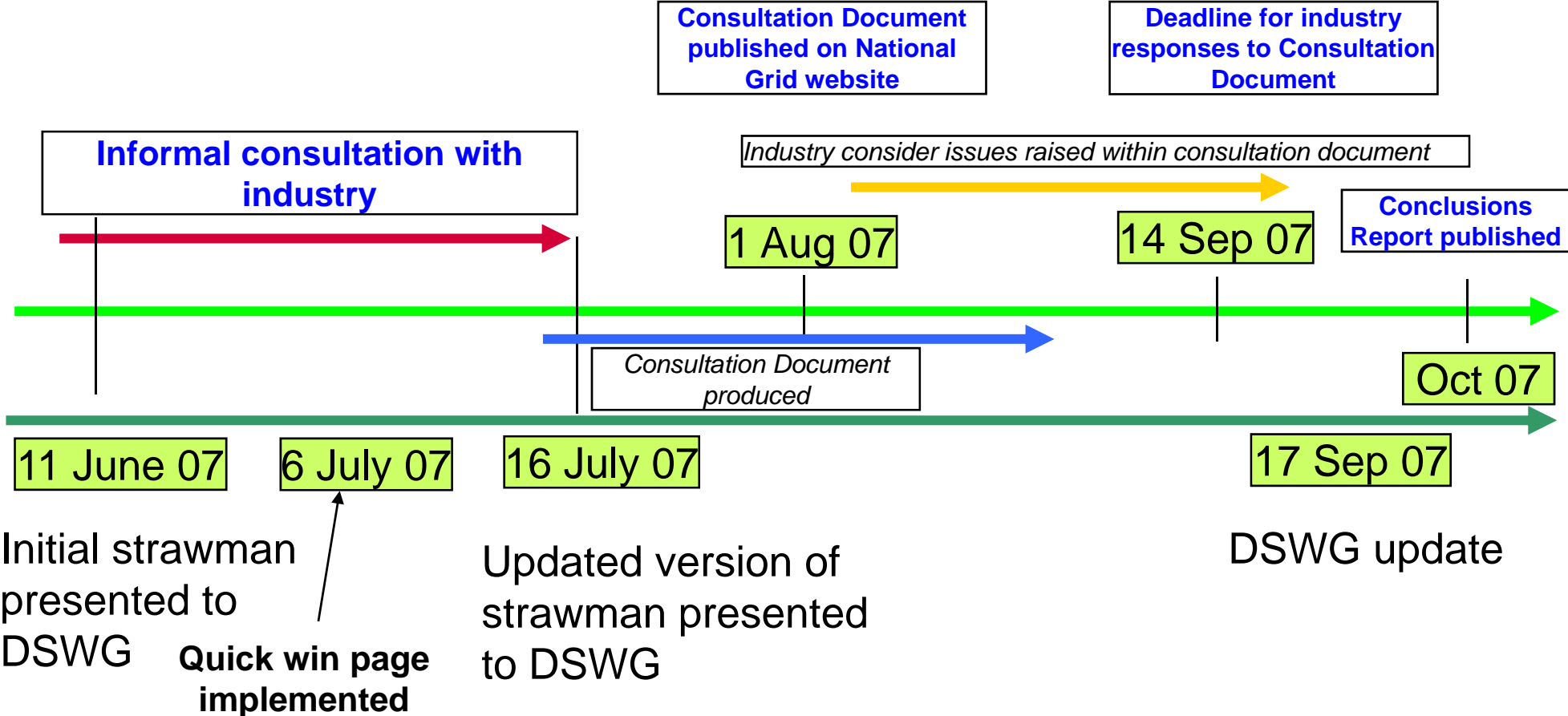
Electricity Market Information Update for DSWG

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Agenda

- ◆ Current consultation process
- ◆ Responses to consultation
- ◆ Latest strawman summary page
- ◆ Other items arising from the consultation
- ◆ Plan for the way forward
- ◆ Information communicated from National Grid control room to customers at times of system stress

Current Electricity consultation



Consultation responses

- ◆ Consultation document was published on 1 August and responses were invited by last Friday (14 Sep)
- ◆ 8 responses have been received so far - a few more responses promised later this week
- ◆ Considerable range of different views expressed on the different issues
- ◆ Some areas have clear requirement emerging e.g. publishing demand side actions & wind forecasts, improving SONAR
- ◆ Mainly positive comments on summary page and current strawman
- ◆ Recognition that multiple platforms are not ideal and make data retrieval complicated and unfriendly for occasional user
- ◆ Uncertainty expressed whether cost benefit of centralisation could be justified
- ◆ Preference appears to be to retain BMRS as primary platform for close to real-time operational and commercial information on the Balancing Mechanism
- ◆ National Grid expect to publish conclusions document in early October.

Other items arising from consultation

- ◆ The strawman summary page contains a number of items which present new information, e.g. generation by fuel type, interconnector flows, wind generation forecasts, energy volumes.
- ◆ There are other potential items arising from the consultation including:
 - ◆ Consistency of Demand Definition
 - ◆ GSP level demand data
 - ◆ Bulk historic BMRS data
 - ◆ Improving SONAR resilience
 - ◆ Non-BM demand side usage
 - ◆ Additional Frequency Response data

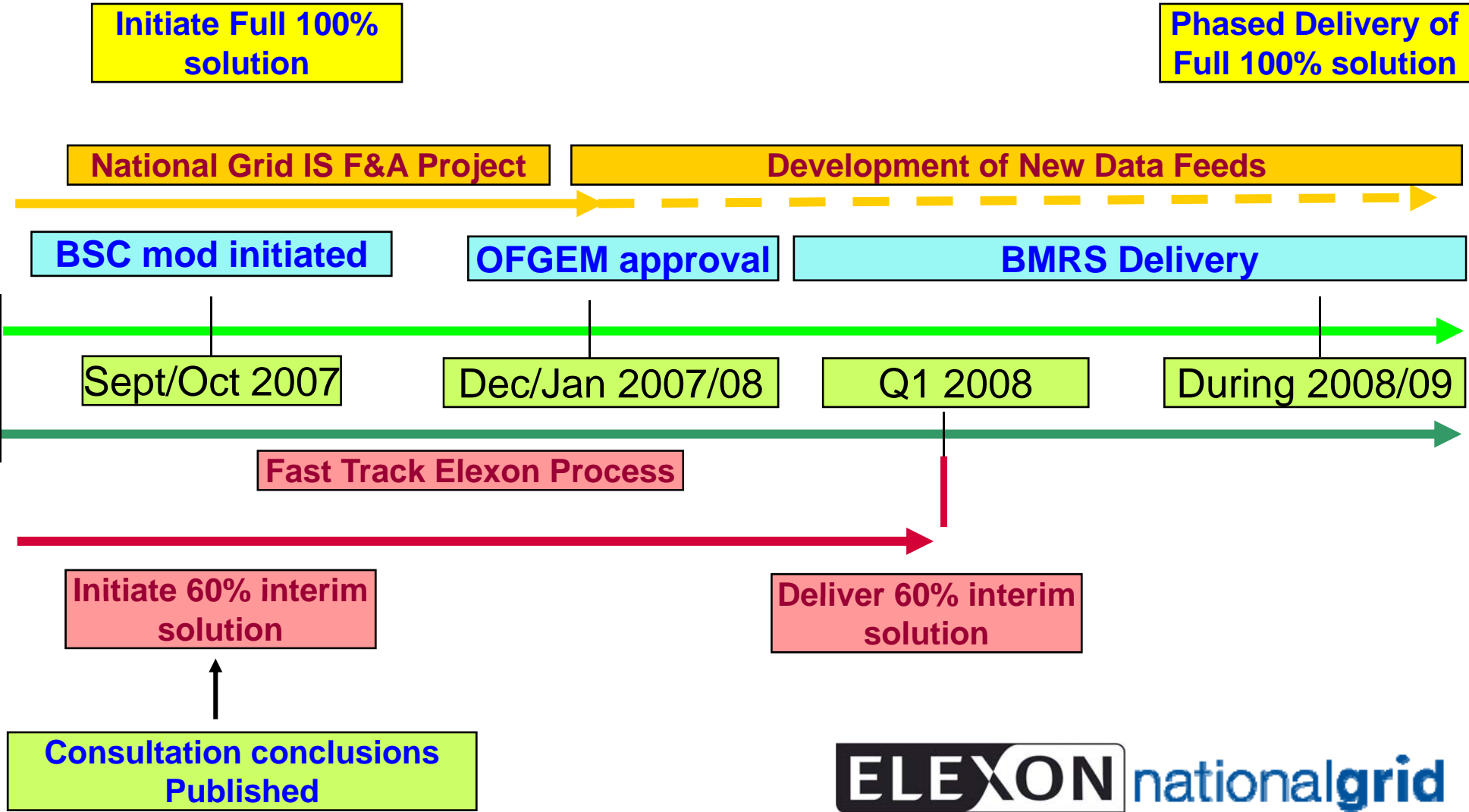
Latest strawman summary page

- ◆ The latest strawman summary page is available together with the consultation document on National Grid's Market Information webpage at:

<http://www.nationalgrid.com/uk/Electricity/Data/electricitymarketinfo/>

- ◆ Now 18 categories of information
- ◆ Latest version includes all the feedback from July DSWG meeting
- ◆ Mixture of tables and graphs
- ◆ Now in a more detailed specification format with more specific proposals for the display, definition and history of each data item
- ◆ Two implementation phases identified by Elexon
 - ◆ Phase 1 – elements that can be produced using existing BMRS data feeds
 - ◆ Phase 2 – elements that require new data feeds from National Grid
- ◆ National Grid intend to raise BSC mods to facilitate improvements

Overview plan for the way forward



System Warnings

- ◆ Action from July DSWG for National Grid to report on information communicated to customers at times of system stress
- ◆ Four main categories of system warning are issued:
 - ◆ Insufficient Margin (NISM)
 - ◆ High Risk of Demand Reduction (HRDR)
 - ◆ Demand Control Imminent (DCI)
 - ◆ Risk of System Disturbance (often locational) (RSD)
- ◆ Each warning is normally faxed to all DNOs, Trading Points (EMCs), Control Points, Non-embedded customers and Externally Interconnected System Operators plus OFGEM/BERR.
- ◆ Warnings are also posted on the BMRS.
- ◆ For HRDR and DCI, DNOs are also contacted individually by phone to ensure they are fully aware of the potential requirements for demand control and are prepared to implement it.

Role of system warnings

- ◆ System Warnings are an important communication tool for the market
 - ◆ not to make the situation worse (*do not start outages*),
 - ◆ make the situation better (*make more plant available*),
 - ◆ take preparatory actions (*e.g. DNO for demand control*)
 - ◆ review imbalance positions (*trade accordingly*)
- ◆ For Risks of System Disturbance, users are requested to warn their operational staff and maintain plant and apparatus in a condition best able to withstand the anticipated disturbance