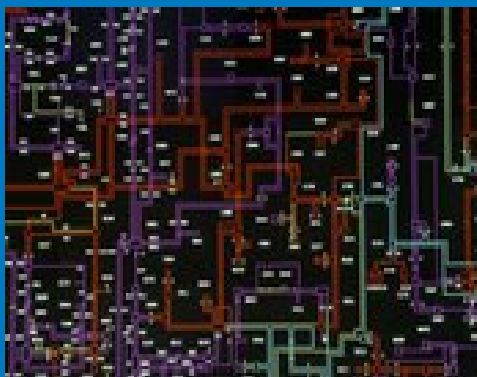


Firm Frequency Response: OCP to DCP



Eleanor Brogden
Contract Services, Market Operation

Firm Frequency Response Review – a recap

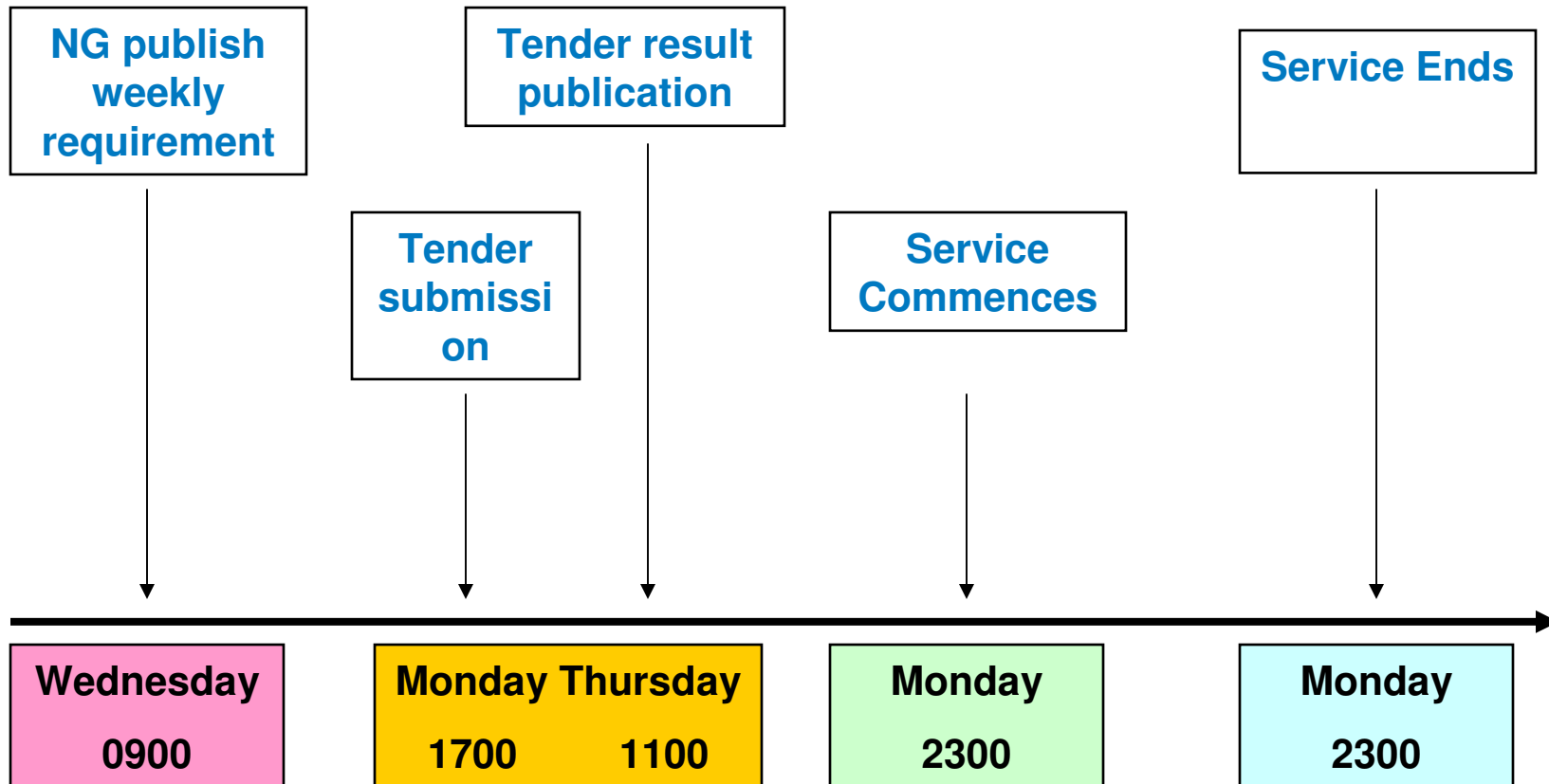
Taking note of the recommendations of the Frequency Response Grid Code Working Group ... A fundamental review of the:

- Firm Frequency response service procurement;
- Standard Contract Terms and Framework Agreements;
- Frequency response requirements; &
- Market reporting.

&... Introducing:

- Static Response from Balancing Mechanism Participants;
- Week ahead tender opportunities;
- Rapid Frequency Response commercial terms; &
- E-tendering.

Week Ahead Tender Opportunities



Commercial Rapid Frequency Response

- *Requirement;*
- *Forecasting & modelling;*
- *Dynamic capabilities;*
- *Static capabilities;*
- *Tender assessment;*
- *Generation & demand.*

The automatic increase / decrease in Active Power in response to an decrease / increase in System Frequency, which effectively increases / decreases with time over the period 0 to 5 seconds from the time for the Frequency change (and fully available by the latter) and which must be maintained at no less reduction thereafter [25 seconds].

Firm Frequency Response... Proposed Timeline

- DCP: To be published February 2014;
- Contract documents: To be published February 2014;
- Implementation of changes, commencing, June 2014.

