

Two EBS-related Issue Papers

Robert Paterson, GCRP 16th January 2013

Background

- Two issue papers as:
 - Reactive & Frequency Response Fax Forms previously discussed at EBSG in 2011 & 2012
 - Parameters & instructions one is more complex
 - One market participant asked if we could introduce the reactive fax form changes more quickly
 - Ambiguity in existing reactive forms has caused some issues

Balancing Code Instructions & Parameters Issue



Balancing Code Parameters

- Time-varying SEL/SIL (in 2nd EBS consultation)
- Run-Up and Run-Down Rates (in 2nd EBS consultation):
 - Maximum of ten ramps, rather than three at present
 - Minimum ramp rate reduced from 0.2MW/min to 0.02MW/min
- Remove the requirement for Generators to submit Dynamic Parameters (Day Ahead) as data is no longer used
- Address the defect that the Grid Code does not detail the arrangements that apply when re-commencing generation following instruction from National Grid to shutdown e.g. NDZ only applies when the PN is zero
 - Accounts for a significant portion of all re-scheduling activity

Balancing Code Instructions

- Reactive instructions
 - Of the form:
 - For immediate actions or at some future time
 - Can be sent to one unit, or more than one unit
 - Types of target MVA_r, target voltage, or tap
 - As the industry have requested, moves simultaneous tap instructions away from faxes
- Target Frequency Change
 - Moves it from telephone, faxes or call broadcast system
 - To Automatic Logging Devices which receive all other instructions

BC2 Reactive & Response Capability Fax Forms



Reactive & Response Fax Forms

- We acknowledge that using faxes is outdated
- Main reason for discussing fax formats is to determine data to be exchanged by EBS new industry interfaces
- Have looked to simplify data exchanged
- And remove ambiguity

Recommendations

- For both issues, GCRP is invited to:
 - Recommend that the Electricity Balancing System Working Group progress these issues to Industry Consultation