

P215 (Revised Credit Cover Methodology for Generating BMUs)

Transmission Company Analysis - Revised IS System Implications

1. With reference to P215 (Revised Credit Cover Methodology for Generating BM Units), in its impact assessment National Grid's indicated that the implementation of the modification would not require any consequential changes to our IS systems.
2. National Grid has re-evaluated its impact assessment based on information contained within the NETA Change Form submitted by Logica which indicated proposed changes to the affected IS systems. Given the high level of interdependency at the interface between Elexon's (Logica) and National Grid's IS systems the exact nature of National Grid's IS system changes will be directly impacted by the changes made to Elexon's Systems.
3. The re-evaluation of the associated IS implications has identified that the proposed modifications to the CRA-1020 file and ECVA-1014 file as outlined by Logica (NETA Change Form) would affect approximately eight National Grid IS systems. National Grid utilises these data streams extensively in the IS systems that drive key business processes e.g. billing and BMU registration, which in turn is utilised in our real time Balancing Mechanism systems.
4. Our understanding of the changes required to be made to National Grid's IS Systems include a degree of uncertainty at this time. The ability to determine the exact system design changes required on National Grid's IS Systems are dependent both on understanding the explicit changes being made to Elexon's Systems and the consequential changes in the various data flows.
5. The SO systems that receive these data flows require a thorough impact assessment to determine whether these Elexon changes, once accurately established, have an impact on the data loading and business process functionality of our various systems.
6. In the event that changes need to be made, specific resource will need to be made available. This resource is currently employed on other regulatory driven IS projects and the lead time by which National Grid can implement P215 will be in part dependent on this resource becoming available.
7. Therefore the associated costs and lead time specified in this impact assessment reflect this spectrum of uncertainty with respect to the potential implications of implementing the P215 solution.
8. An overview of the IS system changes with a projection of the associated costs and lead time necessary to undertake the works is provided below.

Proposed Solution - Panel Qualifying Flag

9. This aspect of the proposed solution will require modifications to the registration file CRA-1020 which National Grid receives from Elexon; the data of which is disseminated into six separate National Grid IS applications. Each application will have to be modified to reflect the changes made to the CRA-1020 file. The changes to the CRA-1020 file would be necessary to reflect the discretionary role of the BSC Panel to permit approximately 14 BMUs eligibility for the P215 provisions.
10. Given the number of IS applications affected and with minimal information regarding the exact system design changes to the CRA-1020 file, it is National Grid initial estimate that the associated works will cost £250,000. Given the need to programme resources to carry out the implementation of this modification, a decision by the Authority by June 2008 will allow us to deliver the required changes by June 2009.

Alternative Modification – Option 3 (inclusive of Panel Qualifying Flag)

11. Should alternative solution 3 be approved and consequential incorporated within the BSC, it would require further IS changes in addition to those outlined for the proposed solution.
12. In addition to the amendments to the CRA-1020 file the alternative solution 3 will require modifications to the ECVA-1014 file which National Grid received from Elexon. The data from both files is disseminated to eight separate National Grid IS applications (which are

inclusive of the six applications identified for the proposed solution). Each application will have to be modified to reflect the changes made to the ECVAA-1014 file.

13. Given the number of IS applications affected and with minimal information regarding the exact system design changes to the CRA-1020 and ECVAA-1014 file, it is National Grid initial estimate that the associated works will cost £350,000. Given the need to programme resources to carry out the implementation of this modification, a decision by the Authority by June 2008 will allow us to deliver the required changes by June 2009.
14. We appreciate this lead time is relatively long however it is borne out of the need to be effective in our utilisation of our IS resource. If it was possible to run the existing SO data flows in their current form for a period beyond the implementation of this modification and to bring the different data flows back to parity with the other flows at some future date, our lead time would not impact on the implementation date of this modification. We would request that Elexon consider whether this option was practicable.