

## Stage 03: Transmission Company Analysis

### P244: Provision of BritNed flow data to the BMRS

What stage is this document in the process?

01 Initial Written Assessment

02 Definition Procedure

03 Assessment Procedure

04 Report Phase



#### Your response

We invite you to respond to the questions in this form.



#### How to return your response

Please send responses, entitled P244 Transmission Company Analysis to [modifications@elexon.co.uk](mailto:modifications@elexon.co.uk) by **5:00pm** Tuesday 8 September 2009

#### Response Form

ELEXON on behalf of the P244 Modification Group requests your impact assessment of P244. In particular, we ask for your responses to the following questions and your reasons for those responses.

#### Transmission Questions

##### Question 1:

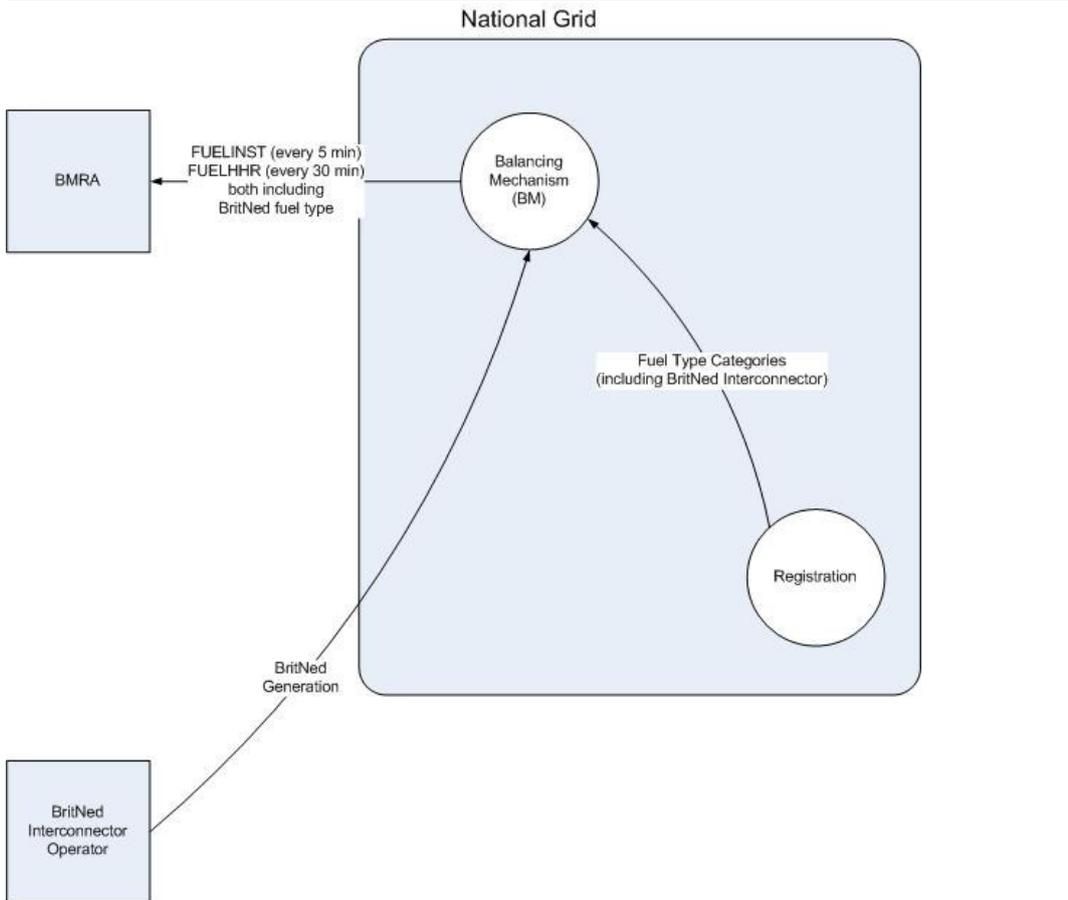
Please outline the impact of the Proposed Modification on the computer systems and processes of the Transmission Company. Include details of any changes needed as a result of implementing the Proposed Modification.

##### Please give your response:

P244 looks to include the BritNed Interconnector data as a distinct fuel type in the instantaneous generation figures (FUELINST) and half-hourly figures (FUELHHR) published to the BMRA. Since the implementation of modification proposal P220 National Grid has published generation data for a variety of fuel types. P244 seeks to extend this.

P244 largely affects National Grid's Balancing Mechanism (BM) systems, with minor data changes to the Registration system:

### Question 1:



### Question 2:

Please provide an estimate of development, capital and operating costs in appropriate detail which you as a Transmission Company anticipate that you would incur in implementing the Proposed Modification as a **Standalone Modification**

#### Please give your response:

Our high level activities in Delivering this proposal include: -

- Project Management
- Analysis/Design
- Build the Solution
- Test the solution
- System Testing
- Regression Testing
- User Acceptance Testing

**Total Estimated Cost = £90k**

**Total Estimated Time From Mod Approval - Ofgem decision needed by Feb 2010 for implementation in Nov 2010 release.**

### Question 3:

Please provide an estimate of development, capital and operating costs in appropriate detail which you as a Transmission Company anticipate that you would incur in implementing the Proposed Modification **in parallel with P243 'Generator Forward Availability by Fuel type'**

#### Please give your response:

Our high level activities in Delivering this proposal include: -

- Project Management
- Analysis/Design
- Build the Solution
- Test the solution
- System Testing
- Regression Testing
- User Acceptance Testing

**Total Estimated Cost = £145k**

**Total Estimated Time From Mod Approval - Ofgem decision on both P243 and P244 needed together and by Feb 2010 for implementation in Nov 2010 release.**



#### Any questions?

If you have any queries on about the consultation form, please contact

Sherwin Cotta on  
**020 7380 4361** or  
[sherwin.cotta@elexon.co.uk](mailto:sherwin.cotta@elexon.co.uk)



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#### Question 4:

Please outline your views and rationale on whether the Proposed Modification would help to achieve the applicable BSC Objectives.

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#### Please give your response:

Increase in information transparency and availability of improved market information to all participants should promote effective competition in the generation and supply of electricity (Applicable BSC Objective (c)).

Provision of more consistent and transparent information could improve self-balancing by the market participants which could, in turn, improve the efficient, economic and co-ordinated operation of the GB transmission system (Applicable BSC Objective (b)).

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#### Question 5

Please outline any potential issues relating to security of supply arising from the Proposed Modification.

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#### Please give your response:

The Transmission Company does not envisage any issues relating to the security of supply arising from the Proposed Modification.

However, during the development and implementation phase, there could be security of supply implications as IS changes would be necessary to the Transmission Company's core operational security of supply critical systems e.g. the real-time BM system. Given the critical nature of the BM system and its impact on the security of supply, the changes to the BM system would need to be robust and would require sufficient time to carry out a appropriate degree of analysis, design, careful implementation and regression testing. Consequently, the changes to this system are only made when absolutely necessary and even then any changes are only made during set releases in the year. The Transmission Company would ensure that the changes to the BM system are made in such a way that these do not compromise the security of supply.

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#### Question 6:

Please provide details of any consequential changes to Core Industry Documents and/or the System Operator Transmission Owner Code that would be needed

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P244  
Transmission Analysis  
Form

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1 September 2009

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Version 1.0

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**Question 6:**

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as a result of implementing the Proposed Modification.

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**Please give your response:**

- Modifications to the Interface Specification document between National Grid and the BMRA/SAA.
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**Question 7:**

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Would you like to make any other comments on P244

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The precise date for commencement of BritNed operation, and hence for provision of BritNed flow data by the transmission Company to the BMRS, is not known at this stage. The legal text should take into account that the Transmission Company would only be able to provide this data to the BMRS when it becomes available to the Transmission Company.

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## Further Information

To help us process your response, please:

- Email your completed response form to **modifications@elexon.co.uk**
- Use the following text in the subject line of your email: "P244 Transmission Company Analysis"
- Include a phone number in your covering email, so that we can contact you if we have any questions
- Respond by 5pm on 8 September 2009 as the BSC Panel will consider your response at its next meeting in September 2009.