

Grid Code Review Panel

'Multi Unit' BMUs Update

Background

1. The Grid Code Review Panel requested that they should be informed of any updates / changes to the treatment of Multi Shaft CCGTs and be notified, on an annual basis

In September, that the current arrangements for gaining access to MW above MEL will continue.

and

In May, that the current arrangements for reducing output below SEL will continue

2. The information is being treated as 'Other Relevant Data' under BC1. NGC has indicated that it would use the information to determine whether generating capacity is available above and below that submitted in the Balancing Mechanism by the Maximum Export Limit and Stable Export limit respectively within. The information provided is defined on a fax pro forma
3. This information was discussed at the GCRP in May 2008. Some Generator representatives expressed concern that the information currently required exposes the Generator to an unacceptable level of uncertainty regarding NGET's actions and this could discourage participation. Furthermore, the utilisation of the fax would only be practicable via a PGBT. An action was taken to revise the information to reduce this exposure and make the utilisation more flexible. In the meantime the current arrangements for gaining access to MW above MEL and reducing output below SEL would continue.
4. Amendments to the information provided on the pro forma have been proposed for consideration by the GCRP

Overview of Arrangements

5. The process involves a fax pro-forma being sent to NGC indicating any MW available, which would not normally be accessible within BM timescales. Indications are also given as the notice time required. The current fax pro-formas and the amended versions are contained in Appendix A.
6. The necessary energy may be secured by:-

Using the PGBT framework

Sequential Bid Offer Acceptances where the required notice allows

7. Information on participation in these arrangements will be published on the Internet via SONAR giving improved transparency of process.
8. The volume of faxes NGC has received remains low, as expected, at less than 2 or 3 per week. This further supports our understanding that development of a major change to the IS systems to incorporate this additional information would not be efficient.
9. National Grid will send out a letter to all owners of CCGT BMUs confirming the continuation of the current arrangements.

Recommendation

10. The GCRP is invited to:-

Note that the continuation of existing arrangements for gaining access to MW above MEL and reducing output below SEL

Approve the use of the amended fax pro formas to offer access to MW above MEL and reductions in output below SEL.

Appendix A:

Notification to NGC of Active Power Reduction below Submitted SEL. (Current)

Contact Details: **Generator Name**

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Telephone:
Standby Telephone:
Fax:
Standby Fax:

Operational Day:	
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<i>BMU:</i>	
<i>Start and End Time:</i>	
<i>Approximate MW Reduction below submitted SEL:</i>	
<i>Notice Period:</i>	
<i>Additional comments:</i>	

Sent By (Print Name):

Signature: Date/Time

Acknowledged by (Print Name):

Signature: Date/Time

REVISED

Notification to NGET of Active Power Reduction below Submitted SEL via a GT Unit Desynchronisation on a CCGT Module and utilising a PGBT.

Contact details:

Generating Company	Telephone: Standby Telephone: Fax: Standby Fax:
Operational Day(s):	e.g. 7 th & 8 th May 2008

Sent by (Print Name):

BMU:	
Start and End Time	e.g. 23:00 7 th May 08 – 12:00 8 th May 08
Notice to desynchronise a GT unit	[] minutes
The effective MZT of the desynchronised GT unit	[] minutes
Reduced SEL during GT Unit Desync period	[]MW
Approximate MEL during Desync period	[]MW
Notice to re-synchronise the GT unit	[] minutes
Additional comments: e.g. 1 - Only 1 event in a rolling 24 hour period e.g. 2 - RUR and RDR as declared parameters unless different rates agreed at the time of the PGBT.	

Signature:

Date/Time:

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Acknowledged by (Print Name):

Signature:

Date/Time

Notification to of Additional Units to NGC (CURRENT)

Contact Details: **Generator Name**

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Telephone:

Standby Telephone:

Fax:

Standby Fax:

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<i>Operational Day:</i>	
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<i>BMU:</i>	
<i>Start and End Time:</i>	
<i>Approximate MW Available over and above submitted MEL:</i>	
<i>Notice Period:</i>	
<i>Additional comments:</i>	

Sent By (Print Name):

Signature: Date/Time

Acknowledged by (Print Name):

Signature: Date/Time

REVISED

Notification to NGET of Active Power Increase Above Submitted MEL via a GT Unit Synchronisation on a CCGT Module and utilising a PGBT

Contact details:

Generating Company	Telephone: Standby Telephone: Fax: Standby Fax:	Sent by
Operational Day(s):	e.g. 7 th & 8 th May 2008	

(Print Name):

BMU:	
Start and End Time	e.g. 23:00 7 th May 08 – 12:00 8 th May 08
Notice to synchronise a GT unit	[] minutes
The effective MNZT of the synchronised GT unit	[] minutes
Increased SEL during GT Unit sync period	[] MW
Approximate MEL during GT Unit sync period	[] MW
Notice to de-synchronise the GT unit	[] minutes
Additional comments: e.g. 1 - Only 1 event in a rolling 24 hour period e.g. 2 - RUR and RDR as declared parameters unless different rates agreed at the time of the PGBT.	

Signature: Date/Time:

Acknowledged by (Print Name):

Signature: Date/Time: