

Modification Proposal

MP No: P32
(mandatory by BSCCo)

Title of Modification Proposal (mandatory by proposer):

Limited Redefinition Of B M Units

Submission Date (mandatory by proposer): 17th July 2001

Description of Proposed Modification (mandatory by proposer):

Where a Power Station comprises several generating units of similar type then the Lead Party should be entitled to aggregate the meters into a single BM Unit for purposes of Physical Notification unless the Transmission Company notifies that the proposed aggregation prejudices system operation.

Description of Issue or Defect that Modification Proposal Seeks to Address (mandatory by proposer):

Within the transmission network, there are various aggregations of metering systems allowed for commercial reasons regardless of their impact on transmission operation. Examples of this include: CCGTs - where modules are aggregated into a single BM Unit; Supplier BM Units at GSP Group Level - where metering systems can be aggregated regardless of size of customers and regardless of whether any of the customers has a contract for triad interruption (etc.). Another example is embedded generation where output (controlled dispatch or otherwise) is aggregated within a supplier's BMU with no information requirements at all.

NGC requires information about the intended flows through metering systems in order to manage operation effectively. The importance of the information supplied is highly dependent on the potential change in system flows that can occur both in aggregate and at points on the system - i.e. the size of the unit involved. However, historic custom has also developed the rules such that significant controllable demands can be aggregated while smaller production units have been required to notify.

The purpose of this proposal is to reduce the information requirement from production units where the additional information is not required by NGC. For reasons of simplicity, in most respects the Grid Code has adopted BSC definitions of BM Units. It is therefore necessary for the BSC to define BMUs in a manner calculated to offer the flexibility promised by NETA and to only restrict operation to the extent necessary for safe and coordinated operation of the system.

Paragraph K3.1.2(e) specifies that the configuration of BM Units must be at the smallest aggregation of plant and Apparatus unless:

- (a) more than one party is responsible for Export and/or Import;
- (b) dispatch/import cannot be controlled independently of plant within a separate BM Unit;
- (c) volume allocation applies and the Metering Equipment supports separate notification to SAA.

This is not necessary. For many power stations, NGC does not need information for each genset individually. It is only for larger gensets that lack of separate data can have systems implications. Only where NGC specifies that a set of smaller aggregations of Plant and Apparatus exists for a particular BMU and that it is necessary for system operation that such aggregations be offered as separate BMUs should a restriction be placed on meter aggregations. This change should not be an onerous administrative imposition on ELEXON or NGC provided NGC offers some guidelines as to the circumstances where they might reasonably object to the reduction in information provision associated with aggregating meters.

As with suppliers who have effective self-balancing ability within a GSP Group, where generators need to adjust the unit used after gate closure, they should not be restricted unless there are specific systems management reasons for such restrictions.

Impact on Code (optional by proposer):

Section K3.1.2

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Impact on Core Industry Documents <i>(optional by proposer):</i>	
Impact on BSC Systems and Other Relevant Systems and Processes Used by Parties <i>(optional by proposer):</i>	
Impact on other Configurable Items <i>(optional by proposer):</i>	
Justification for Proposed Modification with Reference to Applicable BSC Objectives <i>(mandatory by proposer):</i> <p>By allowing aggregation of the information provision requirements from smaller gensets within power stations, NGC will be offered only the information it actually needs and will respond to, which means that it can deploy system operation management resources more efficiently.</p> <p>By allowing small power stations to adjust the unit from which they meet contracts after gate closure, it reduces an unnecessary exposure to imbalance, reducing their risk and helping them to compete.</p>	
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Attachments: NO If Yes, Title and No. of Pages of Each Attachment:	