

4.3

BSCP31/4.3 Registration of Trading Unit Application Form

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To: BSCCo/CRA	Date Sent: 20/01/2015
<b>From: Participant Details</b>	
Party ID: POWERGEN	Name of Sender: JOANNA BULLEY
Contact email address: Joanna.bulley@eon.com	
Our Ref: Grain De Registration	Contact Tel No. 02476 192 835
Name of Authorised Signatory: Liza Davies	
Authorised Signature: _____	Password: _____

Class of Trading Unit Application (1, 2, 3, 5 or 6):

Trading Unit Name: Grain PS Trading Unit

Effective From Date<sup>1</sup>: 01/10/2014

New Registration

OR

Change of BM Unit Ownership

Attached Documents:

Full description of nominated BM Unit(s):

(Complete Form BSCP31/4.5)

<sup>1</sup>The Trading Unit Effective From Date will be the later of either the date specified in this section of the application form by the Applicant Party, or the date on which all of the requirements specified in this procedure have been satisfied.

Confirmation from each Lead Party of their intention to be associated with a single Trading Unit:

Full description of Metering Systems:

T\_GRAI-6, T\_GRAI-7, T\_GRAI-8 – The installed metering systems are compliant with Metering Code of Practice 1. There have been no changes since the previous trading unit application for these BMUs

T\_GRAI-5 – Each Station Transformer circuit is separately metered four quadrant metering. The installed metering systems are compliant with Metering Code of Practice E (COP E). The meters and outstations have been upgraded and are compliant with Metering Code of Practice 2.

T\_GRAI1G, T\_GRAI4G – Each Auxiliary Gas Turbine circuit is separately metered four quadrant metering. The installed metering systems are compliant with Metering Code of Practice E (COP E). The meters and outstations have been upgraded and are compliant with Metering Code of Practice 2.

Full description of points of measurement of electrical flow:

T\_GRAI-6, T\_GRAI-7, T\_GRAI-8 – The Actual Metering Point is at the Defined Metering Point, which for these BMUs is at the 400KV side of the generator step up transformer. This is compliant with Metering Code of Practice 1.

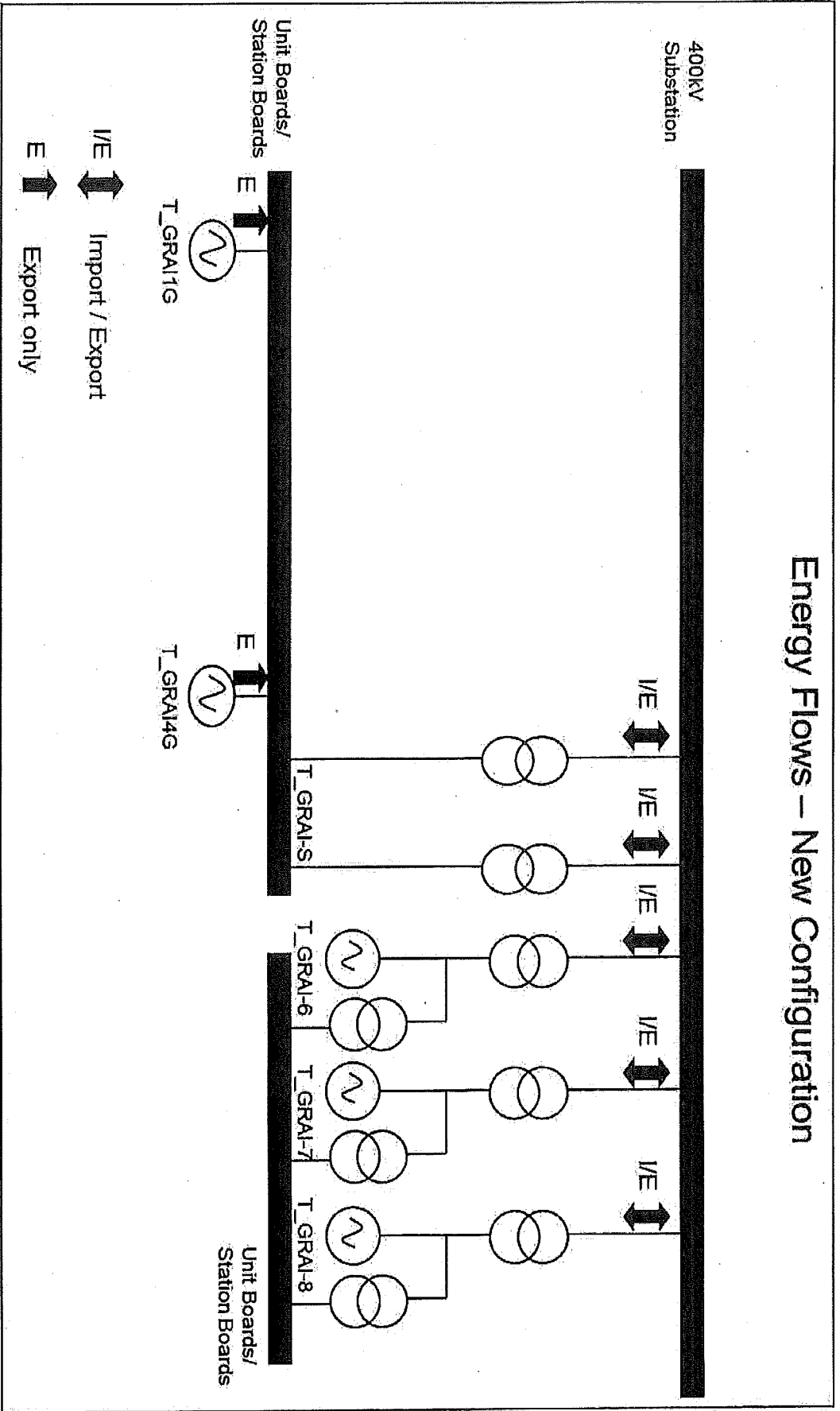
T\_GRAI-5 – The Actual Metering Points for the Station Transformer circuits are at the 11kV side of the Station Transformers. This differs from the Defined Metering Point, which is on the 400KV side of the Station Transformers. The meters are compensated for the losses in the transformers. This is compliant with Metering Code of Practice E (COP E) which was the applicable COP when the metering system was installed.

T\_GRAI1G, T\_GRAI4G – The Actual Metering Points for the Auxiliary Gas Turbines are on the 11kV circuit breakers for Auxiliary Gas Turbines. This differs from the Defined Metering Point, which is on the 400KV side of the Station Transformers. This is compliant with Metering Code of Practice E (COP E) which was the applicable COP when the metering system was installed.

X

Line diagrams showing electrical connections and energy flows at nominated BM Unit(s):

### Energy Flows – New Configuration



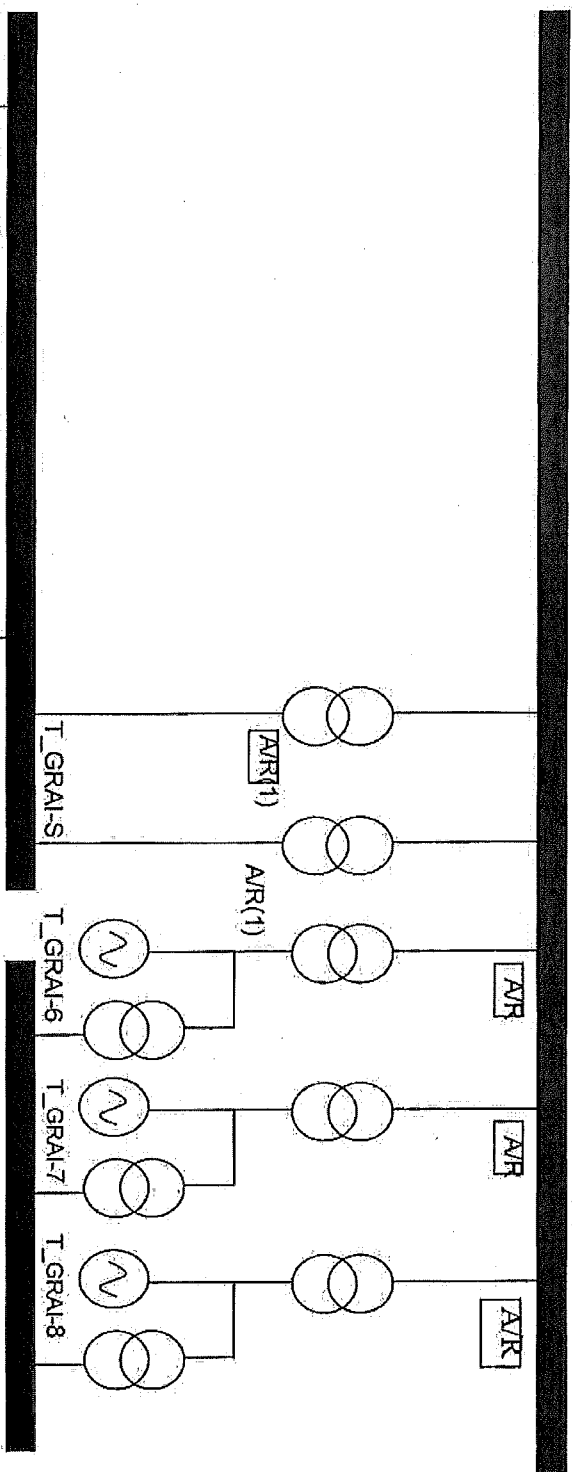
**Line diagrams showing location of Metering Systems:**

Annex 3 comprises a line diagram showing the location of metering systems for the relevant BM units at Grain Power Station.

Annex 3

Location of Metering Systems – New Configuration

400kV  
Substation



T\_GRAI1G

T\_GRAI4G

Active and Reactive Metering Compensated for VT & CT Errors

Active and Reactive Metering Compensated for VT & CT Errors and Transformer losses

Active Metering only – Compensated for VT & CT Errors and Transformer losses

Reactive Metering only - Uncompensated

Note: All meters are bi-directional

- A/R
- A/R(1)
- A
- R

Evidence that assets & equipment are capable of transmitting or distributing the quantity of Electricity to be transmitted or distributed at the nominated BM Unit(s):

There have been no changes to the assets or equipment since the previous trading unit application for these BMUs. Other BMUs have been disconnected, and this is the reason for the application.

Confirmation from the Transmission Company that the metering arrangements are compatible.

There have been no changes to the metering arrangements since the previous trading unit application for these BMUs. Other BMUs have been disconnected, and this is the reason for the application.

Supporting evidence from associated BSC Parties (as appropriate):

Class 2 only

Evidence of Dedicated Assets:

Class 3 only

Evidence of Contiguous Assets:

Class 5 only

Evidence that Interconnector BM Units are associated with the same Interconnector where such Interconnector is located at one Site only:

Evidence that Interconnector BM Units are associated with the same Interconnector where such Interconnector is located at one Site only and other BM Unit(s) connected by Dedicated Assets to one or more Boundary Points of that Interconnector:

Evidence that Interconnector BM Units are associated with the same Interconnector where such Interconnector is located at one Site only and other BM Unit(s) connected by Contiguous Assets to one or more Boundary Points of that Interconnector:

Class 6 only

Other evidence having regard to the criteria set out in BSC:

Please list:

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Further evidence requested by the Panel

Please list:

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