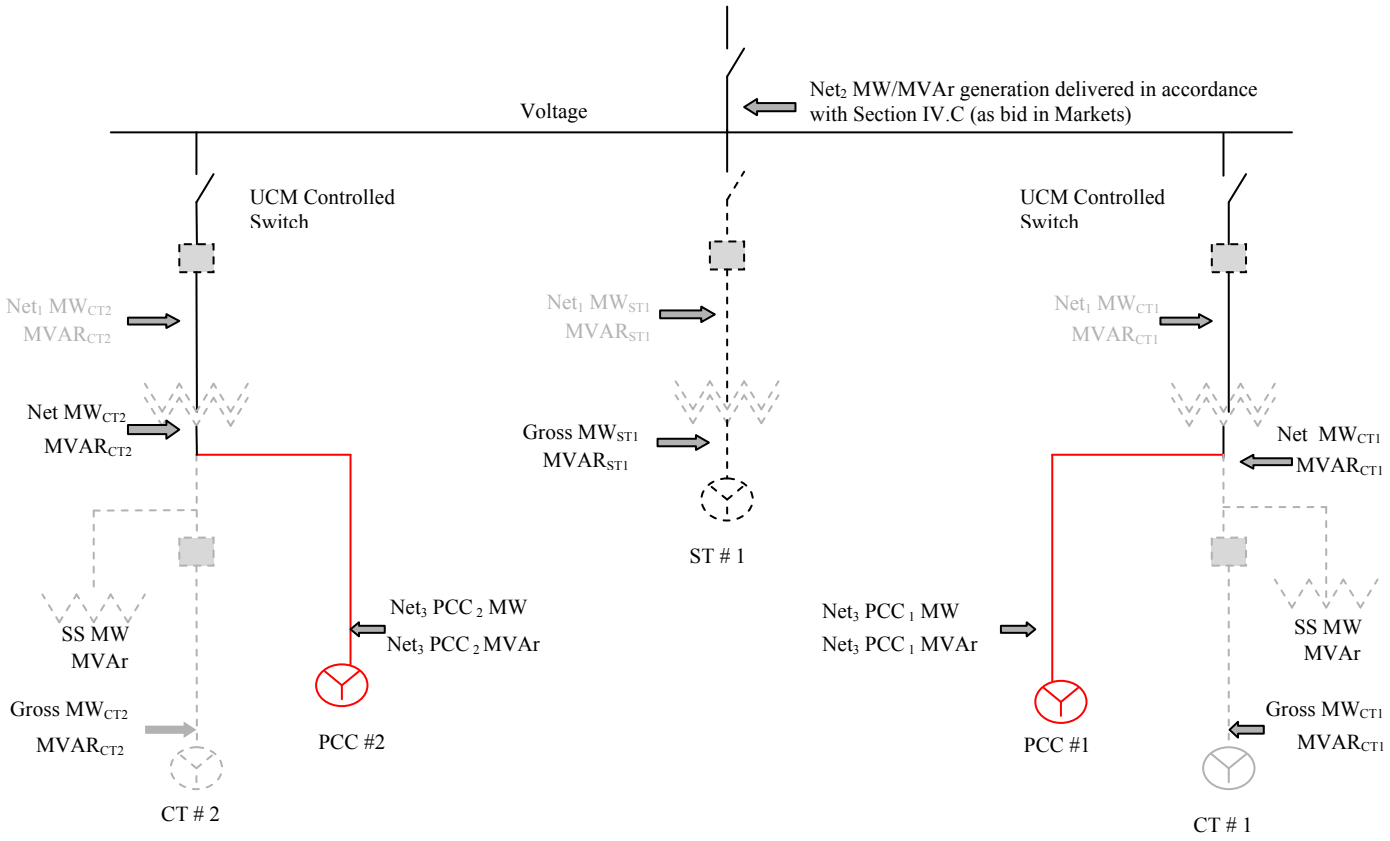
Operating Procedures

ISO New England Operating Procedure No. 18

Metering and Telemetering Criteria – Appendix E – OP 18 Metering and Telemetering for Pseudo Combined Cycle Generator

Effective Date: November 15, 2007
Revision No. 0

OP 18 Metering and Telemetering for Pseudo Combined Cycle Generator



Definition of generator telemetry terms for Pseudo Combined Cycle Generator Model

Gross MW/MVAR: MW and MVAR (real and reactive power) as measured from the generator terminals.

SS MW/MVAR: MW and MVAR (real and reactive power) as measured from the high voltage winding of the station service/auxiliary transformer.

Net MW/MVAR: Generator net MW and MVAR as measured from the low voltage side of the GSU or can be calculated by the Asset Owner as Gross minus Station Service (Net = Gross - SS). This value is used for bulk power reliability and Market purposes.

Net_1 MW/MVAR: Generator net MW and MVAR as measured from the high voltage side of the GSU.

Net_2 MW/MVAR: Total sum (sum of $Net_{1)}$ of Generator net MW and MVAR (e.g. for a combined cycle plant CT1+CT2+ST1) as measured from the high voltage side of the GSU used in the Markets and in accordance with Section IV.C of this procedure.

Net_3 MW/MVAR: PCCx = Sum of Net CT_x + α Gross ST#1 as measured from the low voltage side of the GSU for use in the Markets where $\alpha = \frac{|\ NetCT_x\ |}{|\ NetCT_1\ | + |\ NetCT_2\ |}$.

OP 18 APPENDIX E REVISION HISTORY

Document History (This Document History documents action taken on the equivalent NEPOOL Procedure prior to the RTO Operations Date as well revisions made to the ISO New England Procedure subsequent to the RTO Operations Date.)

Rev. No.	Date	Reason
Rev 0	11/15/07	Initial Appendix for Pseudo Combined Cycle Generators