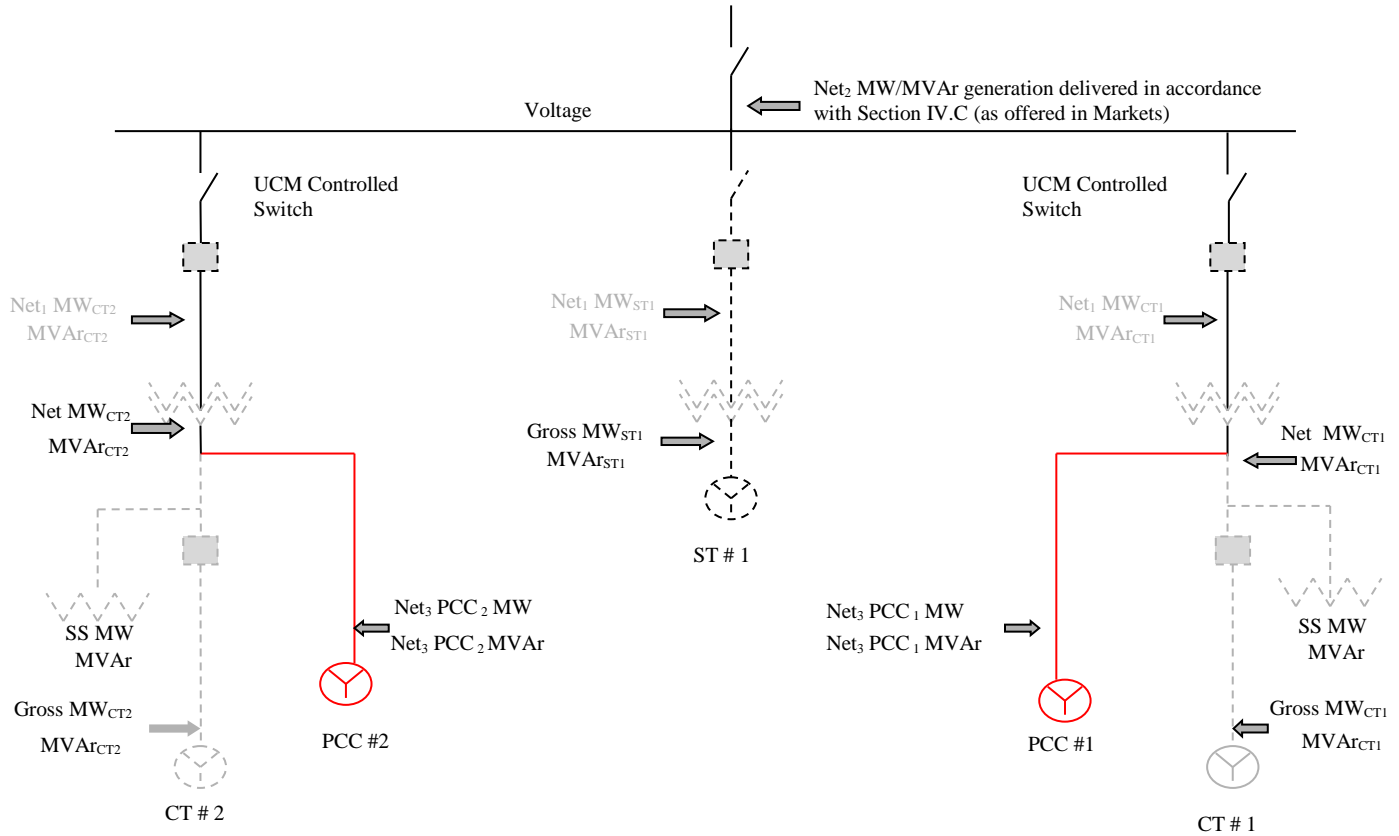


Effective Date: September 28, 2023

Review By Date: September 28, 2025

**OP-18 Metering and Telemetry 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.

**Net1 MW/MVAr:** Generator net MW and MVAr as measured from the high voltage side of the GSU.

**Net2 MW/MVAr:** Total sum (sum of Net<sub>1</sub>) 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.

**Net3 MW/MVAr:** PCC<sub>x</sub> = Sum of Net CT<sub>x</sub> +  $\alpha$  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
Rev 0.1	02/13/15	Periodic review performed requiring no changes
Rev 0.2	12/05/16	Periodic review performed requiring no changes; Made administrative changes required to publish Minor Revision 0.2;
Rev 0.3	06/25/18	Periodic review performed requiring no changes;
Rev 0.4	02/11/20	Periodic review performed requiring no changes;
Rev 0.5	09/30/21	Periodic review performed requiring no intent changes; Made administrative changes to globally utilize MVAr unit spelling per IEEE;
Rev 0.6	09/28/23	Biennial review performed by procedure owner requiring no changes; Made administrative changes required to publish a Minor Revision.