

[ATTACHMENT C WILL BE REVISED TO REFLECT THE RESULTS OF IRS]

ATTACHMENT C  
METHODS AND FORMULAS FOR MEASURING PERFORMANCE STANDARDS

1. Performance Standards as defined below shall be used, in part, to govern actions by Company to limit the Actual Output of the Facility for purposes of maintaining power quality on Company System. Specific standards are defined for:

- Ramp Rate (RR)
- ~~Instantaneous Power Fluctuation Rate~~
- ~~Sub-minute Power Fluctuation Rate~~

2. Formulas for measuring the performance standards are presented below, and assume that the power fluctuations will be monitored on the Company's SCADA and EMS systems. These formulas are based on the periodicity at which analog data is retrieved from the RTU. This periodicity is called the "scan rate". Company presently uses a two-second analog scan rate. The formulas below are based on the two-second scans. The two-second scan rate, characteristics of transducers and RTU reporting, and SCADA method of calculation, were considered and included in the proposed values for the performance standards.

$$RR = MW_s - MW_{s-30}$$

3. Ramp Rate Calculation:

$$\frac{MW_{s-30} - MW_s}{-}$$

Where:

RR = Ramp Rate, may be calculated once every scan

MW<sub>s-30</sub> = The instantaneous MW analog value 30 scans (60 seconds) prior the present scan

MW<sub>s</sub> = The instantaneous MW analog value for the present scan