Transmission Planning and Enhancement

Definitions (Section G1)

1. New Definitions:

"calibration factor" means an adjustment to the loss charges ensuring that the actual cost of losses is reasonably recovered through charges and credits under the ISO tariff on an annual basis.

"compressed loss factor" means the loss factors determined by applying compression to the annualized loss factors to comply with the loss factor limitations described in the Transmission Regulation section 19(2)(f);

"generic stacking order" means the ISO's annual forecast of the operational dispatch of generating units and their respective operating blocks based on historical data and other information provided to the ISO expressed on a seasonal basis.

"ISO load forecast" means a twenty-year load forecast for the AIES established and updated by the ISO not less than once each year;

Incapability Factor (ICBF) = 1 - Available Capacity Factor (ACF)

"loss factor methodology" means the detailed methodology for determining loss factors set forth in Appendix 7;

"normalized annual loss factor" (Final Loss Factor) is set as the weighted average of the four seasonal shifted loss factors.

"raw loss factor" means the loss factor calculated for each generating unit for each base case load flow condition prior to applying a shift factor or compression;

"shift factor" means the correction that must be made to the loss factor for each individual generating unit to account for all of the MW losses in the system that are not assigned by the loss factor methodology.

"Transmission Regulation" means Transmission Regulation, 174/2004;

"transmission system average loss factor" means the total energy of transmission system losses divided by the total net to grid energy produced for a given calendar year for **the interconnected electric system**; and

"transmission system losses" means, for each year, the total of the transmission system losses on the interconnected electric system.

2. Definition Replacement:

Old Definition:

"loss factor" means the losses experienced during an energy transfer for a specified period of time divided by the amount of such transfer over the same period of time.

Replaced By:

"loss factors" means a number determined by the ISO:

- for each generating unit connected to **the interconnected electric system,** which when multiplied by the MW output of the unit reasonably represents the unit's impact on average transmission system losses,
- for each demand opportunity service connected to **the interconnected electric system**, which when multiplied by the MW demand reasonably represents the service's impact on transmission system losses,
- for each opportunity import and export transaction scheduled on the interconnected electric system, which when multiplied by the MW demand of the transaction reasonably represents the impact on transmission losses, and
- for firm import transactions (service not currently available) scheduled on **the interconnected electric system,** which when multiplied by the MW demand of the transaction reasonably represents the import transaction's impact on average transmission system losses.