



**Mathematic Algorithms for the Calculation of ATC for
UI's Non-PTF (Posted Paths) under
Schedule 20A-UI**

Firm ATC Values in the Planning Horizon

Firm $ATC_{PH} = TTC - TRM - CBM - \text{Firm ETCs} - \text{any exercised rollover rights for Firm transmission reservations.}$

Non-Firm ATC Values in the Planning Horizon

Non-Firm $ATC_{PH} = TTC - TRM - CBM - \text{Firm and Non-Firm ETCs} - \text{any exercised rollover rights for Firm transmission reservations.}$

Non-Firm ATC Values in the Operating Horizon

Non-Firm $ATC_{OH} = TTC - TRM - CBM + \text{unused CBM} - \text{Firm ETCs} - \text{Non-Firm ETCs} - \text{any exercised rollover rights for Firm transmission reservations} + \text{any unscheduled Firm ETCs.}$

Note:

ISO-NE calculates the TTCs, TRMs and CBMs for Phase I/II. The CBM for the HVDC Phase I/II Transmission Facilities is zero. Phase I/II HVDC-TF Import TRM = TTC - 1200 MW. Phase I/II HVDC-TF Export TRM = TTC - 500 MW.