*$ImpDevC_i = ImpDev_i$ * P in case of (b) above, and*

If $l_{a/s} > 0$ and $P < P_{eff}$ then:

$ASSEImpDevC_i = Max[0,[l_{a/s} - Max[0, (l_a - l_{adj} - l_s)]]] * (P_{eff-q} - P)$ in case of (a) above, or

If $l_{a/s} < 0$ and $P > P_{eff}$ then:

$ASSElmpDevC_i = Min[0,[l_{a/s} - Min[0, (l_a - l_{adj} - l_s)]]] * (P_{eff-q} - P)$ in case of (a) above

The deviation between forward scheduled and Real Time adjustments to Energy exports* for Scheduling Point q represented by Scheduling Coordinator j from Zone x during Trading Interval t is calculated as follows:

$$ExpDev_q = E_s - E_a - E_{adj}$$

$$ExpDevC_q = ExpDev_q * P$$

D 2.2 Unaccounted for Energy Charge

The hourly Unaccounted for Energy Charge on Scheduling Coordinator j for Trading Interval t for each relevant Zone is calculated in the following manner:

The UFE for each utility service territory *k* is calculated as follows,

$$E_{UFE\_UDC\_k} = \left(I_k - E_k + G_k - \left(RTM_k + LPM_k\right) - TL_k\right)$$

The Transmission Loss calculation per Trading Interval t per relevant Zone for each utility service territory k is calculated as follows,

$$TL_k = Total\_TLRC_{Losses} * (UDC_k\_Branch_{Losses} / Total\_Branch_{Losses})$$

Where:

$$Total\_TLRC_{Losses} = \sum \left[G_a * \left(1 - GMM_a\right)\right] + \sum \left[I_a \left(1 - GMM_{aq}\right)\right]$$

* Note that this deviation is a difference between a forward Market value and a Real Time value. It is not inadvertent energy.

$$Total\_Branch_{Losses} = \sum_{k} UDC_k\_Branch_{Losses}$$

Each metered demand point, either ISO grid connected or connected through a UDC, is allocated a portion of the UFE as follows:

$$E_{UFE\_z} = \frac{D_z}{\sum_{z} D_z} E_{UFE\_UDC\_k}$$