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Schedule 9, Sch 9 - Generator Imbalance Service, 3.0.0

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SCHEDULE 9

Generator Imbalance Service

This Schedule 9 shall apply during such hours when the Transmission Provider is participating in the EIM and when the EIM has not been suspended. In accordance with Section 10 of Attachment P of this Tariff, Schedule 9A shall apply during such hours when the Transmission Provider is not participating in the EIM and when the EIM has been suspended.

Generator Imbalance Service is provided when a difference occurs between the output of a generator located in the Transmission Provider's Control Area that is not a NorthWestern EIM Participating Resource and the resource component of the Transmission Customer Base Schedule from that generator to (1) another Control Area or (2) a load within the Transmission Provider's Control Area over a single hour. The Transmission Provider must offer this service, to the extent it is physically feasible to do so from its resources or from resources available to it, when Transmission Service is used to deliver energy from a generator located within its Control Area. The Transmission Customer must either purchase this service from the Transmission Provider or make alternative comparable arrangements, which may include use of non-generation resources capable of providing this service, to satisfy its Generator Imbalance Service obligation. Transmission Provider's agreement is required for any alternative comparable arrangements made by the Transmission Customer to satisfy the balancing requirements that this Schedule 9 is intended to address. Transmission Provider's agreement will not be unreasonably withheld. To the extent the Control Area operator performs this service for the Transmission Provider, charges to the Transmission Customer are to reflect only a pass-through of the costs charged to the Transmission Provider by that Control Area operator.

The Transmission Provider shall establish charges for Generator Imbalance Service as follows (the following provisions do not apply to Transmission Customers which have received a Manual Dispatch or EIM Available Balancing Capacity dispatch or which have communicated physical changes in the output of resources to the MO):

A Transmission Customer shall be charged or paid for Generator Imbalance Service measured as the deviation of the Transmission Customer's metered generation compared to the resource component of the Transmission Customer Base Schedule settled as Uninstructed Imbalance Energy (UIE) by the MO for the period of the deviation at the applicable PNode Real-Time Dispatch (RTD) price where the generator is located, as determined by the MO under Section 29.11(b)(3)(B) of the MO Tariff.

The following provisions shall apply to Transmission Customers that have received a Manual Dispatch or EIM Available Balancing Capacity dispatch, or that have communicated physical changes in the output of resources to the MO, or for other reasons imbalance energy is calculated by the MO:

- (1) (a) A Transmission Customer shall be charged or paid for Generator Imbalance Service measured as the deviation of the Transmission Customer's metered generation compared to the Manual Dispatch amount, the EIM Available Balancing Capacity dispatch amount, or physical changes in the output of resources incorporated by the MO in the FMM or for other instructions by the MO, settled as Uninstructed Imbalance Energy (UIE) calculated by the MO for the period of the deviation at the applicable PNode Real-Time Dispatch (RTD) price where the generator is located, as determined by the MO under Section 29.11(b)(3)(B) of the MO Tariff; or
- (b) A Transmission Customer shall be charged or paid for Generator Imbalance Service measured as the deviation of the Transmission Customer's metered generation compared to the Manual Dispatch amount, the EIM Available Balancing Capacity dispatch amount, or physical changes in the output of resources incorporated by the MO in Real-Time Dispatch (RTD) or for other instructions by the MO, settled as Uninstructed Imbalance Energy (UIE) calculated by the MO for the period of the deviation at the applicable PNode RTD price where the generator is located, as determined by the MO under Section 29.11(b)(3)(B) of the MO Tariff;

and

- (2) (a) A Transmission Customer shall be charged or paid for Generator Imbalance Service measured as the deviation of either the Manual Dispatch amount, the EIM Available Balancing Capacity dispatch amount, or physical changes in the output of resources incorporated by the MO in the Fifteen-Minute Market (FMM) or for other instructions by the MO, compared to the resource component of the Transmission Customer Base Schedule, settled as Instructed Imbalance Energy (IIE) calculated by the MO for the period of the deviation at the applicable PNode Fifteen-Minute Market (FMM) price where the generator is located, as determined by the MO under Section 29.11(b)(1)(A)(ii) of the MO Tariff; or
- (b) Generator Imbalance Service measured as the deviation of either the Manual Dispatch amount, the EIM Available Balancing Capacity dispatch amount, or physical changes in the output of resources incorporated by the MO in RTD or for other instructions by the MO, compared to the Fifteen-Minute Market (FMM) schedule, as Instructed Imbalance Energy (IIE) calculated by the MO for the period of the deviation at the applicable PNode Real-Time Dispatch (RTD) price where the generator is located, as determined by the MO under Section 29.11(b)(2)(A)(ii) of the MO Tariff.

Applicability to Interconnection Customers: To the extent the Interconnection Customer is a different entity than the Transmission Customer and controls the output of a generator located in the Transmission Provider's Control Area, the Interconnection Customer may be subject to charges for Generator Imbalance Service (rather than the Transmission Customer) in accordance with this Schedule 9.