

Point to Point Seasonal Transmission Loss Factors

May 1, 2024 through October 30, 2024

In accordance with Schedule 9 of the NSPI Open Access Transmission Tariff:

For Point-to-Point service, the Transmission Provider will seasonally calculate loss factors to be used on a path-by-path basis. For each season, winter and summer, the power flow models used to calculate the losses will include peak and off-peak hours to derive an average loss factor for each path. For long-term Point-to-Point service, the annual loss factor to be used for a particular path is the average of the seasonal values. The loss factors will be posted on the Transmission Provider's OASIS site.

Table 1

POINT OF RECEIPT	POINT OF DELIVERY	LOSS FACTOR IN PERCENT
NB – NS Border	Berwick	3.0 %
NB – NS Border	Mahone Bay	1.4 %
NB – NS Border	Antigonish	1.9 % (Note 1)
NB – NS Border	Riverport	3.3 % (Note 1)
NB – NS Border	Woodbine Substation	-3.7 % (Note 2)
Woodbine Substation	NS – NB Border	3.1 %
Woodbine Substation	Berwick	6.91 %
Woodbine Substation	Mahone Bay	-3.22 %
Woodbine Substation	Antigonish	9.35 % (Note 1)
Woodbine Substation	Riverport	8.94 % (Note 1)
St. Croix	NS – NB Border	1.01 % (Note 2,3)
St. Croix	Woodbine Substation	-1.885 % (Note 2,3)
St. Croix	Berwick	3.65 % (Note 3)
St. Croix	Mahone Bay	5.42 % (Note 3)
St. Croix	Antigonish	3.55 % (Note 1,2,3)
St. Croix	Riverport	6.21 % (Note 1,3)

Notes:

1. Includes 1.1% transformer loss factor for delivery at non-transmission voltage.
2. Negative loss factor reflects a reduction in system losses.
3. Based on the independent power producer's requirement

Details of the Loss Factor calculations contain confidential customer load information and are not publicly available. The data can be provided to eligible Transmission Customers on request.