

# Point to Point Seasonal Transmission Loss Factors

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, Warm, Hot, Cool and Cold, 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.

Seasons	Temperature Ranges
Cold	< -10°C
Cool	>= -10°C and <= 5°C

Seasons	Temperature Ranges
Warm	>= 5°C and <= 15°C
Hot	> 15°C

POINT OF RECEIPT	POINT OF DELIVERY	NOTES	LOSS FACTOR IN PERCENT											
			January	February	March	April	May	June	July	August	September	October	November	December
NB – NS Border	Berwick	N/A	14.9%	14.9%	14.9%	8.5%	7.2%	7.2%	8.6%	8.6%	8.6%	7.2%	7.2%	8.5%
NB – NS Border	Mahone Bay	N/A	8%	8%	8%	5.6%	4.5%	4.5%	5.2%	5.2%	5.2%	4.5%	4.5%	5.6%
NB – NS Border	Antigonish	*Note 1	-1.6%	-1.6%	-1.6%	0.1%	1.3%	1.3%	0.8%	0.8%	0.8%	1.3%	1.3%	0.1%
NB – NS Border	Riverport	*Note 1	13.8%	13.8%	13.8%	11%	9%	9%	9.8%	9.8%	9.8%	9%	9%	11%
NB – NS Border	Woodbine Substation	*Note 1, 2	-9.1%	-9.1%	-9.1%	-5.4%	-5.3%	-5.3%	-5.1%	-5.1%	-5.1%	-5.3%	-5.3%	-5.4%
Woodbine Substation	NS – NB Border	*Note 2	9.3%	9.3%	9.3%	5.5%	4.8%	4.8%	5.4%	5.4%	5.4%	4.8%	4.8%	5.5%
Woodbine Substation	Berwick	N/A	17.5%	17.5%	17.5%	4.5%	11.4%	11.4%	12.8%	12.8%	12.8%	11.4%	11.4%	4.5%
Woodbine Substation	Mahone Bay	N/A	11.2%	11.2%	11.2%	3.6%	-6%	-6%	-7.6%	-7.6%	-7.6%	-6%	-6%	3.6%

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POINT OF RECEIPT	POINT OF DELIVERY	NOTES	LOSS FACTOR IN PERCENT											
			January	February	March	April	May	June	July	August	September	October	November	December
Woodbine Substation	Antigonish	N/A	3%	3%	3%	3.7%	4%	4%	12.8%	12.8%	12.8%	4%	4%	3.7%
Woodbine Substation	Riverport	N/A	13.1%	13.1%	13.1%	5.2%	-8.7%	-8.7%	-4.8%	-4.8%	-4.8%	-8.7%	-8.7%	5.2%
St. Croix	NS – NB Border	*Note 2, 3	-4.6%	-4.6%	-4.6%	-2.1%	-0.3%	-0.3%	-0.6%	-0.6%	-0.6%	-0.3%	-0.3%	-2.1%
St. Croix	Woodbine Substation	*Note 2, 3	-7.1%	-7.1%	-7.1%	-9.1%	-9.3%	-9.3%	-10%	-10%	-10%	-9.3%	-9.3%	-9.1%
St. Croix	Berwick	*Note 3	-0.7%	-0.7%	-0.7%	4.5%	11.4%	11.4%	2.2%	2.2%	2.2%	11.4%	11.4%	4.5%
St. Croix	Mahone Bay	*Note 3	7.2%	7.2%	7.2%	2.4%	4.7%	4.7%	7.6%	7.6%	7.6%	4.7%	4.7%	2.4%
St. Croix	Antigonish	*Note 2, 3	-9.2%	-9.2%	-9.2%	-2.9%	0.2%	0.2%	-1.9%	-1.9%	-1.9%	0.2%	0.2%	-2.9%
St. Croix	Riverport	*Note 3	7.2%	7.2%	7.2%	7.3%	2.8%	2.8%	3.8%	3.8%	3.8%	2.8%	2.8%	7.3%

Notes:	
<b>1</b>	<i>Includes 1.75% transformer loss factor for delivery at non-transmission voltage.</i>
<b>2</b>	<i>Negative loss factor reflects a reduction in system losses.</i>
<b>3</b>	<i>Based on the independent power producer's requirement</i>

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.