

MPS System Loss Factors

(These system losses exclude losses over PTF facilities)

Loss Factors by Voltage Level			
	<u>Winter</u>	<u>Non-winter</u>	<u>Annual</u>
Secondary	0.9191	0.92345	0.92138
Primary	0.9488	0.95718	0.95323
Sub-Transmission	0.9634	0.97193	0.96757
Transmission	0.9835	0.9835	0.9835

Weighted Average Loss Factors by Class

(Based on 2005 Usage)

Residential/Small Non-residential Class	<u>Total Class</u>	<u>SO Only</u>
% of Class @ Secondary Voltage	100%	100%

Small Class Weighted Average Loss Factor	0.92138	0.92138
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Medium Class	<u>Total Class</u>	<u>SO Only</u>
% of Class @ Secondary Voltage	89.6%	87.6%
% of Class @ Primary Voltage	<u>10.4%</u>	<u>12.38%</u>
	100.0%	100.0%

Medium Class Weighted Average Loss Factor	0.924693588	0.925325
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Large Class	<u>Total Class</u>	<u>SO Only</u>
% of Class @ Secondary	3.2%	23.8%
% of Class @ Primary	12.2%	33.6%
% of Class @ Sub-Transmission	26.0%	10.7%
% of Class @ Transmission	<u>58.6%</u>	<u>31.9%</u>
	100.0%	100.0%

Large Class Weighted Average Loss Factor	0.973704	0.956849
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Application of Loss Factors

Total MWh to be provided = (MWh measured at meter) / (applicable loss factor)

Example: Usage @ meter = 9,700 MWh

(9,700) / (0.92138)

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