

## SE Wisconsin Congestion Summary Before & After Pleasant Prairie - Zion EC 345 kV Line

Constraint Description	PROMOD Simulation - 2012 Study Year					
	Annual Congestion (Hours)		Annual Shadow Price (\$/MWHR)		Congestion Severity Index	
	With SPS	With P4-ZEC	With SPS	With P4-ZEC	With SPS	With P4-ZEC
Arcadian - Zion 345 kV (WEC-COMED)	509	0	\$7,200	\$0	7.30	0.00
Pleasant Prairie - Zion 345 kV (WEC-COMED) New Line	0	81	\$0	\$870	0.00	1.41
Pleasant Prairie - Zion 345 kV (WEC-COMED)	9	29	\$30	\$610	0.05	0.92
Oak Creek - Racine 138 kV (WEC-WEC)	0	59	\$0	\$2,720	0.00	0.62
Albers - Kenosha 138 kV (WEC-WEC)	63	0	\$1,610	\$0	0.34	0.00
Lakeview - Zion 138 kV (WEC-COMED)	0	14	\$0	\$160	0.00	0.04
Butler - Granville 138 kV (WEC-WEC)	0	4	\$0	\$10	0.00	0.01

### Congestion Severity Index

The Congestion Severity Index is based on the theoretical potential maximum number of dollars paid into the market by load serving entities due to congestion on the constraint in question. It is the maximum potential amount of money (in millions of dollars) that could have been saved over the course of this time period had the constraint not been bound.