

**Manual Wind Curtailment Constraints****Reporting period:****Year:** 2012**Month:** July

Constraint Name	Curtailment Hours (Last Month)	Curtailment Hours (YTD)
Honey Creek – South Prairie 69 kV (NIPS)		1455
Bush – Cumberland 138 kV (CIN)	58	921
Monticello – E Winamac 138 kV (NIPS)		481
Marshalltown - Blainstown 115 kV (ALTW)		325
Dundee – Aurora 69 kV (ALTW)		266
Paxton-Watseka 138 kV (AMIL)		251
Dickinson County - Lakefield 161 kV (ALTW)		120
FG 5228 IaScLkNaSjHa (SPP)		107
Boone Jct. TR92 161/69 kV (ALTW)		104
Ellendale - Steele Center 69 kV (ALTW)		104
Red Stone - Tittabawassee 138 kV (CONS)		94
Madelia - Madelia Village 69 kV (ALTW/NSP)		91
Square Butte-Arrowhead Bi Pole Outage (MP)		81
Langdon Area Voltage (OTP)		72
Triboji-WPT2 69 kV (ALTW)	5	69
Heron Lake – Fulda Jct. 69 kV (ALTW)		68
Goodland 138/69 kV (NIPS)		67
Fernald TR1 161/69 kV(ALTW)		63
Lime Creek TR1 161/69 kV (ALTW)		49
Lime Creek – Emery 161 kV (ALTW)		46

*Report shows the top 20 constraints year to date.

'Curtailment Hours' represents the total number of hours one or more wind nodes were curtailed for the given constraint.