



February 20, 2013

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Manual Wind Curtailment Constraints

Reporting period:

Year: 2013

Month: January

Constraint Name	Curtailment Hours (Last Month)	Curtailment Hours (YTD)
Tripoli - Windsor 69 kV (ALTW)	194	194
Monticello – E Winamac 138 kV (NIPS)	120	120
Toledo – Marshalltown 115 kV (ALTW)	115	115
Karma - Perry 161 kV (ALTW)	54	54
Rugby Outlet (OTP)	40	40
Ulerich - Oakdale 69 kV (NIPS)	32	32
McHenry 230/115 kV TR1 (GRE)	14	14
Summit - Herron Lake 69 kV (ALTW)	9	9
Hayward - Glenworth 161 kV (ALTW)	2	2

*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.