



March 15, 2013

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Manual Wind Curtailment Constraints

Reporting period:

Year: 2013

Month: February

Constraint Name	Curtailment Hours (Last Month)	Curtailment Hours (YTD)
Tripoli - Windsor 69 kV (ALTW)	235	429
Toledo – Marshalltown 115 kV (ALTW)	188	303
Monticello – E Winamac 138 kV (NIPS)	179	299
Boone Jct TR92 161/115 kV (ALTW)	177	177
Bush – Cumberland 138 kV (CIN)	62	62
Glenworth TR1 161/69 kV (ALTW)	55	55
Karma - Perry 161 kV (ALTW)		54
Rugby Outlet (OTP)		40
Adams - Hayward - Glenworth 161 kV (ALTW)	35	37
Ulerich - Oakdale 69 kV (NIPS)		32
Decorah - Calmar 69 kV (ALTW)	25	25
Square Butte AC Injection Stability Limit (OTP)	21	21
McHenry 230/115 kV TR1 (GRE)		14
Summit - Herron Lake 69 kV (ALTW)		9
Renolds-Goodland 138 kV (NIPS)	6	6
Lime Creek - Worth County 161 kV (ALTW)	4	4

*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.