



Manual Wind Curtailment Constraints

Reporting period:

Year: 2013

Month: April

Constraint Name	Curtailment Hours (Last Month)	Curtailment Hours (YTD)
Tripoli - Windsor 69 kV (ALTW)		429
Toledo – Marshalltown 115 kV (ALTW)		303
Monticello – E Winamac 138 kV (NIPS)		299
Boone Jct TR92 161/115 kV (ALTW)		177
Bush – Cumberland 138 kV (CIN)		62
Glenworth TR1 161/69 kV (ALTW)		55
Karma - Perry 161 kV (ALTW)		54
Rugby Outlet (OTP)		40
Adams - Hayward - Glenworth 161 kV (ALTW)		37
Ulerich - Oakdale 69 kV (NIPS)		32
Decorah - Calmar 69 kV (ALTW)		25
Square Butte AC Injection Stability Limit (OTP)		21
Blue Lake TR9 345/115 kV (NSP)	19	19
Dotson Corners - Waterbury 69 kV (ALTW)	17	17
McHenry 230/115 kV TR1 (GRE)		14
Summit - Herron Lake 69 kV (ALTW)		9
Reynolds - Monticello 138 kV (NIPS)		7
Reynolds - Goodland 138 kV (NIPS)		6
Lime Creek - Worth County 161 kV (ALTW)		4

*Report shows up to 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.