

# American Transmission Company Chronic Limiters

6/1/2004

# Calculation of Top 10 Chronic Limiters

- All refused OASIS requests intersecting any part of 2003 with ALTE, WEC, WPS, MGE, or UPPC as the POD were parsed to retrieve flowgates that were either sold out or had TLR in effect at the time of the request.
- The ATC top 25 list covers the vast majority of each individual control area top 10 list.
- All data used to compile this information is available on the MISO OASIS.
- Year-to-date 2004 data will be processed next.

# ATC Limiters by MWh

Ranking	FG Name	MWh	Primary Solution	Secondary Solution
<b>1</b>	<b>Paddock Transformer flo Paddock – Rockdale</b>	<b>6694154</b>	<b>Under Investigation – Should not be limiting when Riverside Generating Station is operating</b>	
2	Lore – Turkey River flo Wempletown – Paddock (OpGuide)	5386015	2 <sup>nd</sup> Wempletown – Paddock 345kV line (2005)	
3	Turkey River – Cassville flo Wempletown – Paddock (OpGuide)	5202641	2 <sup>nd</sup> Wempletown – Paddock 345kV line (2005)	
4	Zion – Pleasant Prairie flo Wempletown – Paddock	5155125	2 <sup>nd</sup> Wempletown – Paddock 345kV line (2005)	
5	Turkey River – Cassville flo Wempletown – Paddock	5057806	2 <sup>nd</sup> Wempletown – Paddock 345kV line (2005)	
6	Albers – Paris flo Wempletown – Paddock	4363774	2 <sup>nd</sup> Wempletown – Paddock 345kV line (2005)	
7	Stiles – Pioneer flo N. Appleton – Lawn Rd	3970349	Rebuild Morgan – Falls – Pioneer – Stiles (2005)	Morgan – Werner West 345kV line (2009)
8	Cassville – Nelson Dewey flo Wempletown – Paddock	3521114	2 <sup>nd</sup> Wempletown – Paddock 345kV line (2005)	
<b>9</b>	<b>Zion – Pleasant Prairie flo Zion – Arcadian</b>	<b>3373179</b>	<b>Under Investigation</b>	
10	Pleasant Prairie – Racine flo Wempletown – Paddock	3310364	2 <sup>nd</sup> Wempletown – Paddock 345kV line (2005)	

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Ranking	FG Name	MWh	Primary Solution	Secondary Solution
14	Flow South OTDF	3262376	Plains – Stiles Projects (2006) Cranberry – Conover 138kV line (2007)	
11	Flow South PTDF	3020095	Plains – Stiles Projects (2006) Cranberry – Conover 138kV line (2007)	
12	N. Appleton – Lost Dauphin flo N. Appleton – Mason St.	2900955	Forest Junction Substation (5/2003)	
13	Lore – Turkey River flo Wempletown – Paddock	2859133	2 <sup>nd</sup> Wempletown – Paddock 345kV line (2005)	
15	Stiles – Amberg flo Morgan – Plains	2232681	Plains – Stiles Projects (2006) Cranberry – Conover 138kV line (2007)	
16	N. Appleton – Lost Dauphin flo East Krok – Kewaunee	2199936	Forest Junction Substation (5/2003)	Morgan – Werner West 345kV line (2009)
17	Eau Claire – Arpin PTDF	2181033	Arrowhead – Gardner Park 345kV line (2008)	
18	N. Appleton – Lost Dauphin flo Kewaunee Transformer	2166314	Forest Junction Substation (5/2003)	Morgan – Werner West 345kV line (2009)
19	Amberg – Plains flo Morgan – Plains	2150880	Plains – Stiles Projects (2006) Cranberry – Conover 138kV line (2007)	
<b>20</b>	<b>Pleasant Prairie – Arcadian flo Pleasant Prairie – Racine</b>	<b>2132856</b>	<b>Under Investigation</b>	

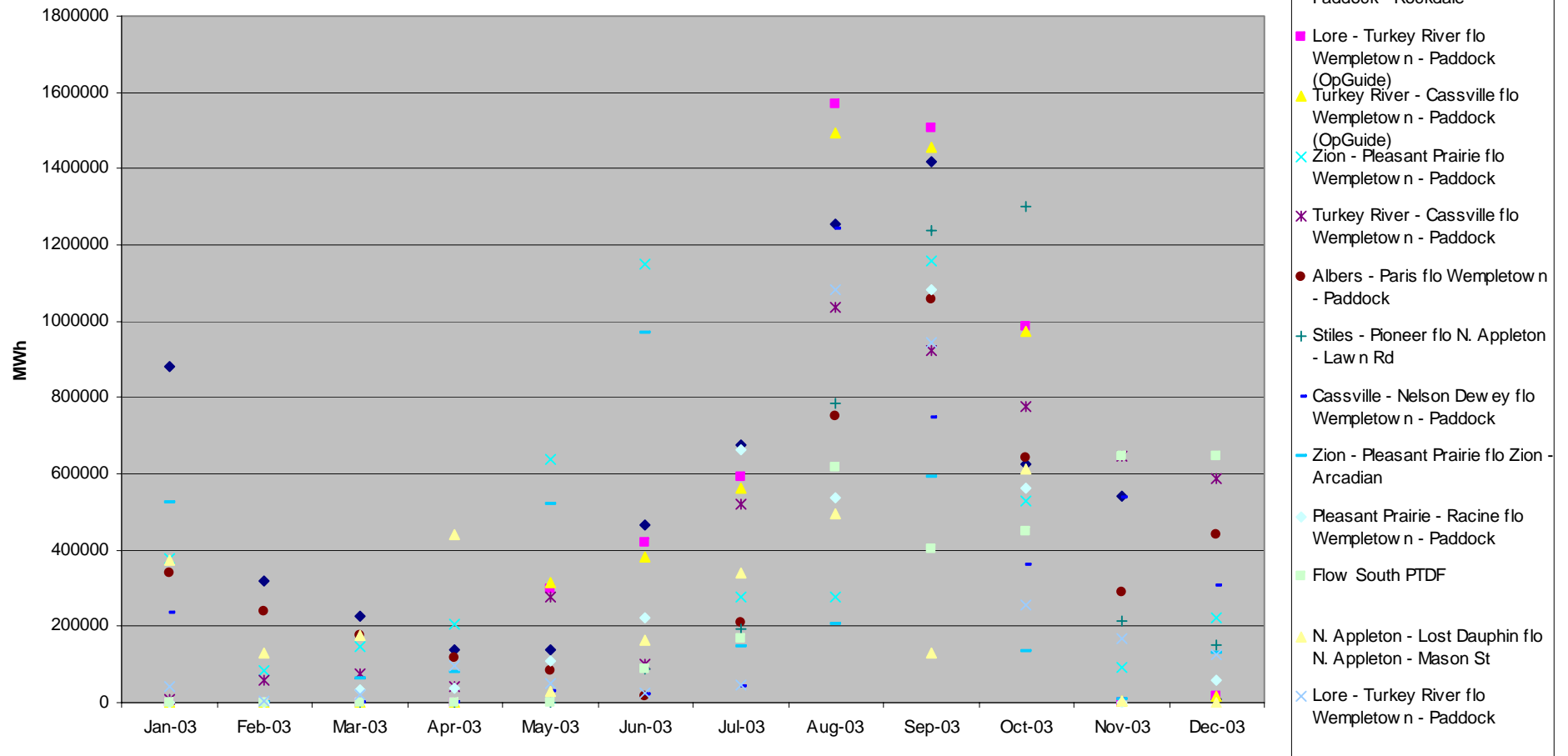
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Ranking	FG Name	MWh	Primary Solution	Secondary Solution
21	Highway V – Preble flo N. Appleton – Mason St	2122808	Morgan – Werner West 345kV line (2009)	
22	Highway V – Preble flo N. Appleton – Lawn Rd	2063143	Morgan – Werner West 345kV line (2009)	
23	Russell – Rockdale flo Paddock – Rockdale	1757808	Reconductor Russell – Rockdale 138kV line (2004)	
24	Blackhawk – Colley Rd flo Paddock – Townline Rd	1726498	Reconductor Blackhawk – Colley Road 138kV line (late 2003)	
25	Blackhawk – Colley Rd flo Paddock – Rock River	1684199	Reconductor Blackhawk – Colley Road 138kV line (late 2003)	

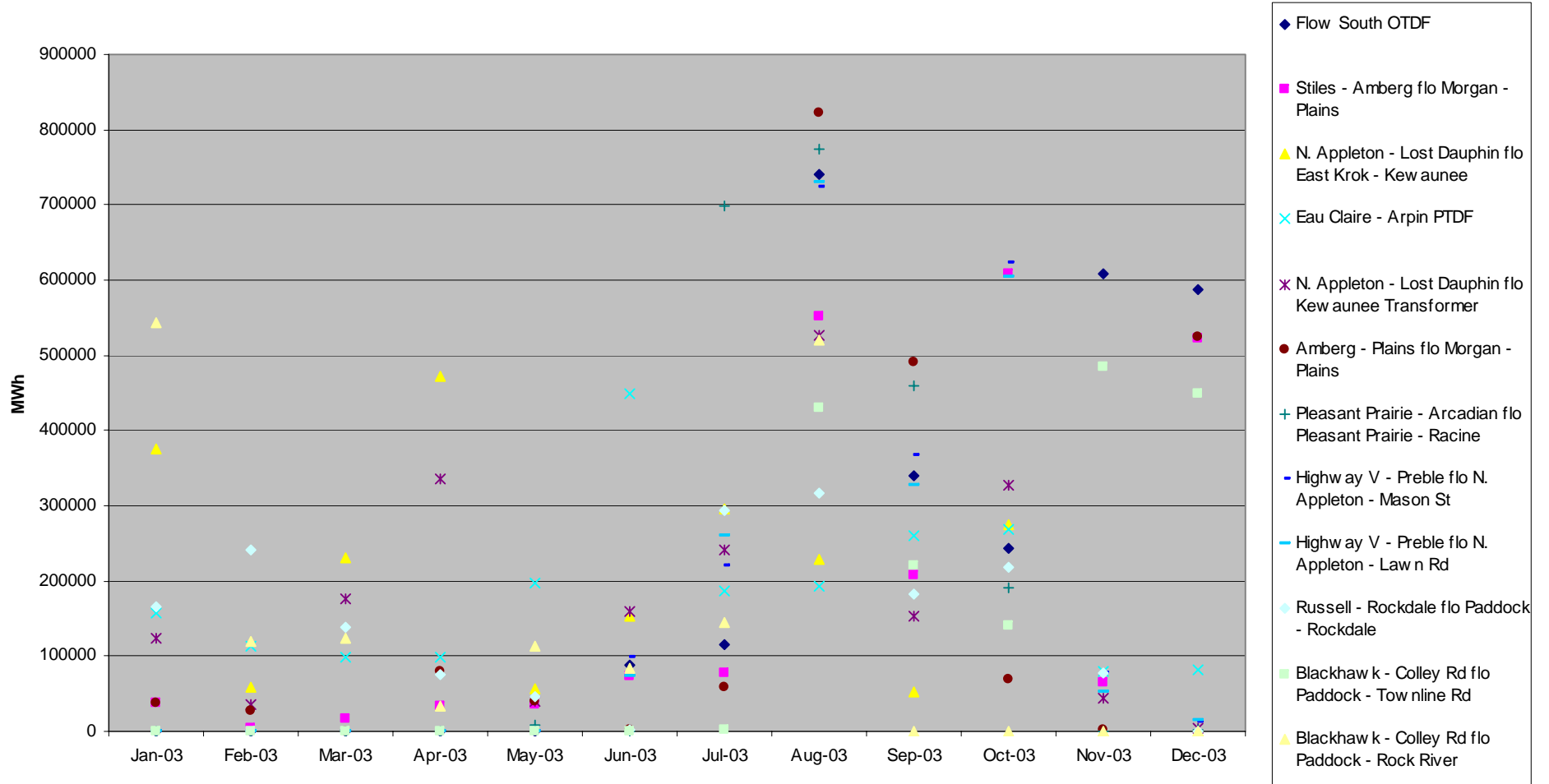
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### ATC Top 25 Limiters



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