

The following information is posted in response to a customer request for outage frequency rates of selected ATC transmission lines.

**History of Forced Outages On Lines 6831 and V-308**

Prepared By Peter Burke On October 7, 2003

**Line 6831, Rocky Run to North Appleton**

**Dates and Times of Outages**

<u>Begin</u>	<u>End</u>	<u>Minutes Duration</u>
06/07/1999 11:37:00	06/07/1999 13:46:00	129
04/23/2001 14:24:00	04/23/2001 17:03:00	159
06/09/2001 12:40:00	06/09/2001 12:58:00	18
07/09/2001 11:58:00	07/09/2001 12:00:00	2
08/06/2001 13:31:00	08/06/2001 13:33:00	2

**Summary of Outage Frequencies (Outages Per Line Per Year) and Durations (Minutes)**

	<u>Momentary (&lt;=60 secs)</u>	<u>Sustained (&gt;60 Secs)</u>	<u>All Forced</u>	<u>Durations (Mins Avg)</u>
1998	0	0	0	0
1999	0	1	1	129
2000	0	0	0	0
2001	0	4	4	45.25
2002	0	0	0	0
Jan-Sep 2003	0	0	0	0
Full Period	0	0.87	0.87	62

**Line V-308, Rocky Run to Weston**

**Dates and Times of Outages**

<u>Begin</u>	<u>End</u>	<u>Minutes Duration</u>
07/14/1999 01:54:00	07/14/1999 01:54:00	0
10/09/1999 01:59:00	10/09/1999 01:59:00	0
03/08/2001 11:00:00	03/08/2001 11:06:00	6
04/15/2003 14:55:00	04/16/2003 03:53:00	778

**Summary of Outage Frequencies (Outages Per Line Per Year) and Durations (Minutes)**

	<u>Momentary (&lt;=60 secs)</u>	<u>Sustained (&gt;60 Secs)</u>	<u>All Forced</u>	<u>Durations (Mins Avg)</u>
1998	0	0	0	0
1999	2	0	2	0
2000	0	0	0	0
2001	0	1	1	6
2002	0	0	0	0
Jan-Sep 2003	0	1.34	1.34	778
Full Period	0.35	0.35	0.7	196