

Forecast of Increase in Energy Usage

Allegheny Energy has been stating that there is a critical need to construct the PATH transmission line based on PJM's (regional transmission authority) projections. PJM's recent calculations show there will be a critical situation in 2014 unless the PATH line is constructed. The following information and chart shows the need for PATH is based on a faulty assumption.

- Energy usage has declined the past two years. **These numbers are shown in green.**
- PJM in 2009, revised their 2007 forecast of energy usage up from 1.67% to 2.5% per year for 2010 to 2012 in order to show a critical need in 2014. It is highly unlikely that energy usage between 2010 and 2012 would be greater in a recession than in a healthy economy. The 2009 forecast claims energy usage will increase 7.58% between 2010 and 2012.
- US Department of Energy/Energy Information Administration (DOE/EIA) calculations show a total increase of 10% (critical situation/PJM) would not occur until 2025. This calculation includes a usage of 1.67% increase in 2007, which comes from the 2007 projection from PJM.
- The difference between the 2009 PJM and the DOE/EIA forecasts clearly raises a question as to the validity of PJM numbers.
- DOE/EIA numbers (national) are more reliable. PJM numbers are biased as its organization includes those who would profit from PATH.

PJM - Critical Need Based on January 2007 Projection (Press Release January 16, 2007)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Forecast, Jan 2007	1.67%	1.67%	1.67%	1.67%	1.67%	1.67%	1.67%	1.67%	1.67%	1.67%				
Sum of Increase		3.34%	5.01%	6.68%	8.35%	10.02%	11.69%	13.36%	15.03%	16.70%				
PJM - Critical Need Based on April 2009 Projection (TEAC Meeting - April 14, 2009)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Yearly Increase		Energy usage down (not in calculation)		2.53%	2.53%	2.53%	1.57%	1.57%	1.57%	1.19%	1.19%	1.19%		
Sum of Increase				2.53%	5.05%	7.58%	9.14%	10.71%	12.28%	13.47%	14.66%	15.85%		
Above Information Based on Numbers Below														
Forecast Peak MW April 2009			134428			144613			151410			156822		
Average Increase for Period						7.58%			4.70%			3.57%		
DOE/EIA Forecast (Annual Energy Outlook 2009 with Projections to 2030 - March 2009)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2025
March 2009 % Increase	1.67%	-2.70%	-4.40%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Sum of Increase		-1.03%	-5.43%	-4.43%	-3.43%	-2.43%	-1.43%	-0.43%	0.57%	1.57%	2.57%	3.57%	4.57%	10.57%

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