

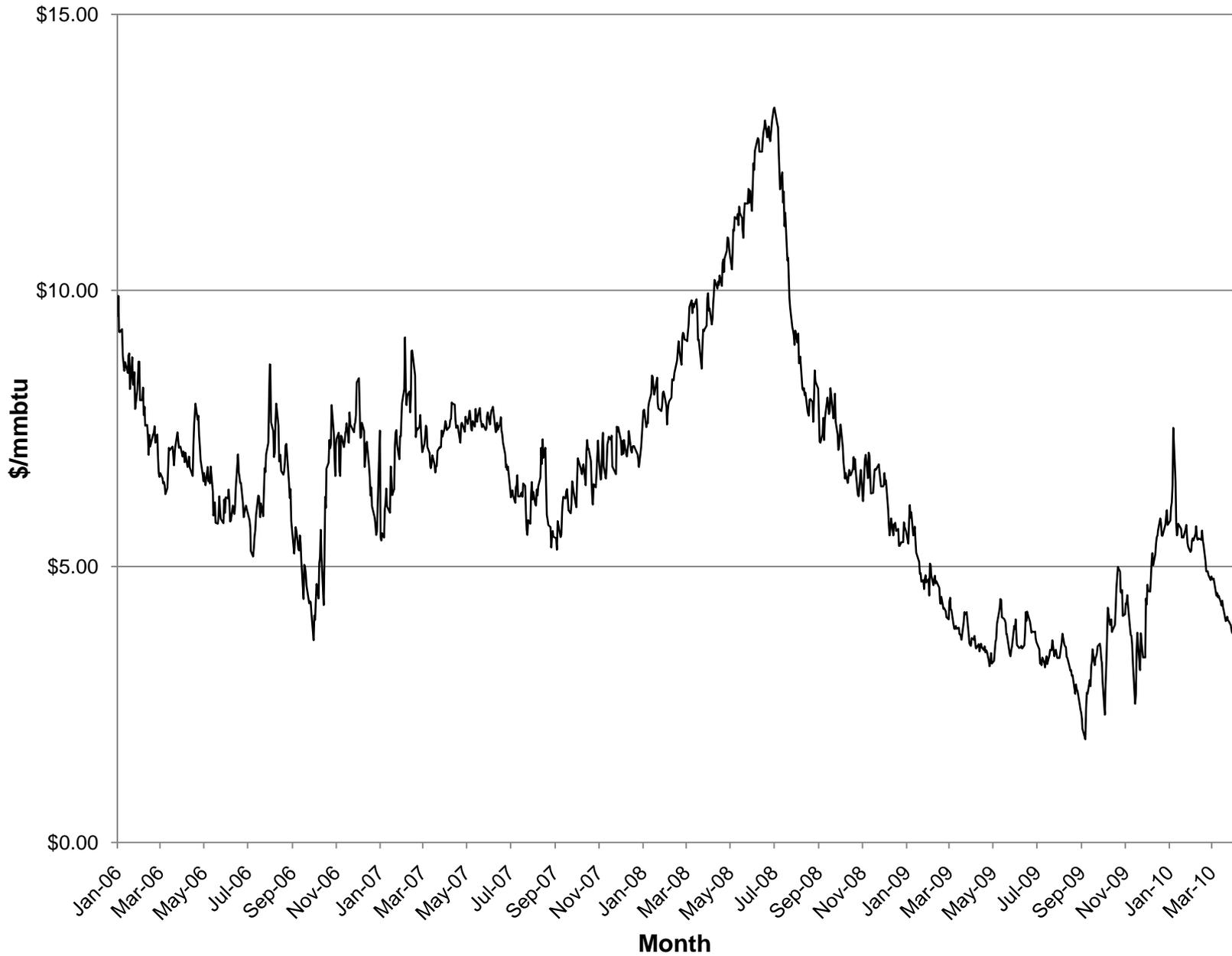
# Marcellus Shale En Banc Hearing

**Sonny Popowsky**  
**Pennsylvania Consumer Advocate**

April 22, 2010  
Public Utility Commission  
Commonwealth Keystone Building  
Hearing Room 1  
Harrisburg, PA

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# Henry Hub Natural Gas Daily Spot Price January 2006 - March 2010



# Columbia Gas of Pennsylvania Purchased Gas Cost Rates

2006 January	\$14.03
2006 April	\$8.37
2006 July	\$7.33
2006 October	\$8.67
2007 January	\$8.67
2007 April	\$9.30
2007 July	\$9.64
2007 October	\$10.25
2008 January	\$9.53
2008 April	\$11.70
2008 July	\$15.94
2008 October	\$13.14
2009 January	\$11.57
2009 April	\$7.66
2009 July	\$5.73
2009 October	\$4.85
2010 January	\$7.53
2010 April	\$5.34

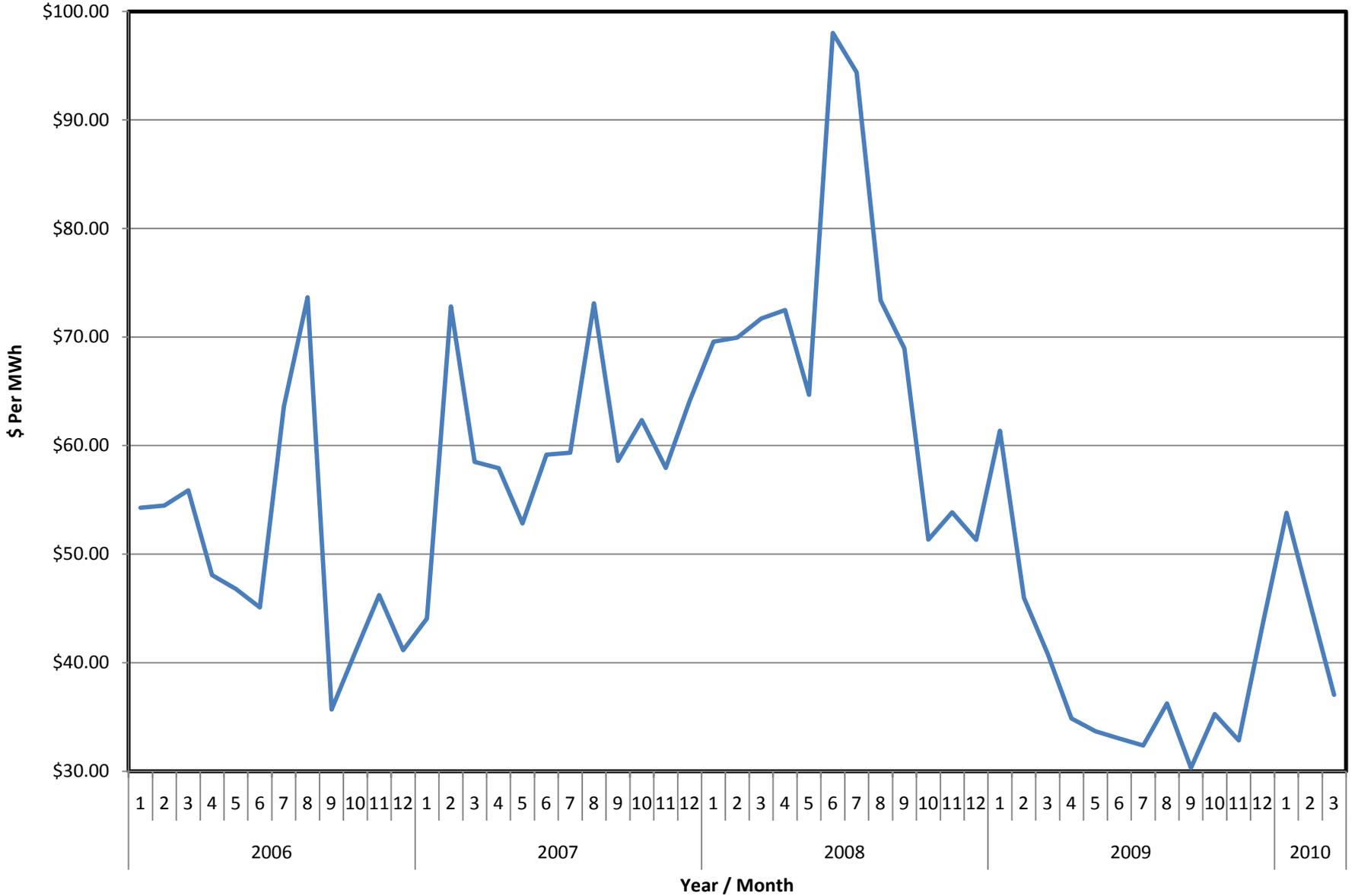
# PJM Energy Production by Fuel Source

Fuel Type	2005	2006	2007	2008	2009
Coal	56.4%	56.8%	55.3%	55.0%	50.5%
Nuclear	34.2%	34.6%	33.9%	34.6%	36.0%
Natural Gas	5.9%	5.5%	7.7%	7.3%	9.5%
Hydroelectric	1.7%	2.0%	1.7%	1.7%	2.0%
Other	1.9%	1.1%	1.4%	1.5%	2.0%

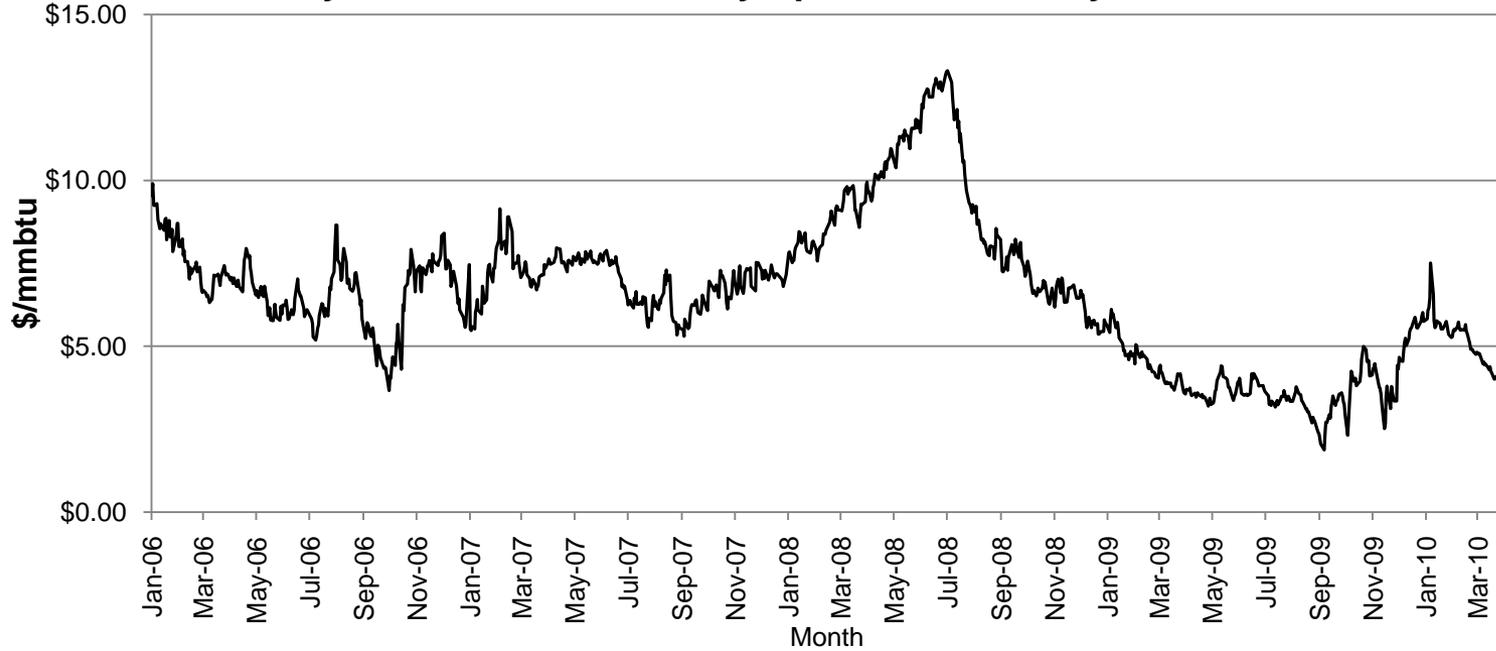
# PJM Marginal Unit by Fuel Type

Fuel Type	2005	2006	2007	2008	2009
Coal	69%	70%	70%	78%	74%
Misc	1%	1%	2%	1%	0%
Natural Gas	23%	25%	24%	17%	22%
Nuclear	0%	0%	0%	0%	0%
Petroleum	8%	5%	5%	3%	3%

# PJM RTO Average Monthly Price January 2006 - April 2010



**Henry Hub Natural Gas Daily Spot Price January 2006 - March 2010**



**PJM RTO Average Monthly Locational Marginal Price January 2006 – March 2010**

