AOBA Utility Committee

Budgeting for Utilities In the Face of Constantly Changing Rates

Surcharges, Taxes and Automatic Adjustment Clauses Grow as a Proportion of Total Billed Charges for Utility Services

Presented By

Bruce R. Oliver

President, Revilo Hill Associates, Inc.

November 10, 2010

Outline of Presentation

- Budget Considerations for Utility Services
  - Electric Utility Services
    - ✓ Dominion Virginia Power
    - ✓ Pepco – DC
    - ✓ Pepco – MD
  - Gas Utility Services
    - ✓ WGL – VA
    - ✓ WGL – DC
    - ✓ WGL - MD
- Competitive Energy Market Considerations

Introduction

- Surcharges and Cost Pass-Throughs create new Budgeting challenges for building managers
- Over the last couple decades utility rates comprised:
  - A set of Base Rate charges that change infrequently (e.g., one every three years or longer)
  - A monthly Fuel (or gas) Adjustment Charge
- Now utility rates typically include:
  - A set of Base Rate charges
  - A monthly Fuel (or gas) Adjustment Charge
  - An array of rate surcharges *(often not shown separately on customers bills)* that may change frequently or sporadically and are difficult to estimate or anticipate.
- Most utilities in the Washington Area now have multiple rate surcharges that are billed to customers each month.
- The significance of rate surcharges as a percentage of total billed charges is also increasing.
- Jurisdictions, such as Montgomery County, Maryland, have further compounded these matters by increasing its already high Energy Taxes.
- Even Competitive Service Providers are increasingly passing through cost increases over and above their contracted rates.

Electric & Gas Utility Rates

Detail of what is known and anticipated regarding Washington Area utility charges for Gas and Electric Service

November 10, 2010

Dominion Virginia Power

A Utility that Never Met a Surcharge it Didn't Like

- Virginia Power's Base Rates -- NO increase during 2011, But …
- Rider Credits Terminate 12/31/10
- Surcharges Abound and can be expected to continue to grow in both number and size
- Existing Surcharges
  - Rider "S" New Coal Plant (Virginia City Hybrid Energy Center)
  - Rider "R" Gas-fired Combined Cycle (Bear Garden)
  - Rider "T" All Transmission (including new projects)
  - Rider "A" Fuel Charge
  - Rider "C1" Energy Conservation Program Costs
  - Rider "C2" Demand Side Management Program Expenditures
- Likely New Surcharges
  - 2nd New Gas-Fired Generating Plant
  - New Nuclear Plant

Detail of Current and Proposed Virginia Power Rate Rider Charges
For Demand Billed Commercial Customer Accounts

	GS-2 Demand		GS-3		GS-4 Primary	
Rider T						
Rider T - Transmission Charge (eff. thru 12/31/10) 1/	1.143	$/kW	1.359	$/kW	1.404	$/kW
Rider T - Transmission Credit (eff. thru 12/31/10) 1/	-0.418	$/kW	-0.527	$/kW	-0.527	$/kW
Rider T - Net Charge Currently Applicable	0.725	$/kW	0.832	$/kW	0.877	$/kW
DVP Proposed Rider T (eff. 01/01/11)	**1.679**	$/kW	**2.084**	$/kW	**1.533**	$/kW
Effective Increase Over Net 2010 Charge	0.954	$/kW	1.252	$/kW	0.656	$/kW
Effective Percent Increase Over Net 2010 Charge	132%		150%		75%	

	GS-2 Demand		GS-3		GS-4 Primary	
Rider R						
Rider R - Bear Garden Charge (eff. thru 12/31/10)	0.00094	$/kWh	0.378	$/kW	0.392	$/kW
Rider R - Bear Garden Credit (eff. thru 12/31/10)	-0.00094	$/kWh	-0.378	$/kW	-0.392	$/kW
Rider R - Net Charge Currently Applicable	0.00000	$/kWh	0.000	$/kW	0.000	$/kW
DVP Proposed Rider R (eff. 01/01/11)	**0.00111**	$/kWh	**0.488**	$/kW	**0.462**	$/kW
Effective Increase Over Net 2010 Charge	0.00111	$/kWh	0.488	$/kW	0.462	$/kW
Effective Percent Increase Over Net 2010 Charge	NM		NM		NM	

	GS-2 Demand		GS-3		GS-4 Primary	
Rider S						
Rider S - Hybrid Energy Center Charge **(eff. thru 3/31/11)**	0.00226	$/kWh	0.907	$/kW	0.941	$/kW
Rider S - Hybrid Energy Center Credit (eff. thru 12/31/10)	-0.00112	$/kWh	-0.416	$/kW	-0.496	$/kW
Rider S - Net Charge	0.00114	$/kWh	0.491	$/kW	0.445	$/kW
DVP Proposed Rider S (eff. 4/01/11)	**0.00258**	$/kWh	**1.139**	$/kW	**1.080**	$/kW
Effective Increase Over Net 2010 Charge	0.00144	$/kWh	0.648	$/kW	0.635	$/kW
Effective Percent Increase Over Net 2010 Charge	**126%**		**132%**		**143%**	

(green) Rider T Demand Charge applied to Maximum Demand in all months.
(yellow) Rider Charges billed on the basis of kWh use.
(blue) Demand Charges for Riders R and S applied to Summer On-Peak Demands.

Detail of Current and Proposed Virginia Power Rate Rider Charges For Demand Billed Commercial Customer Accounts

	GS-2 Demand		GS-3		GS-4 Primary	
Rider A						
Rider A - Fuel Charge (eff. thru 6/30/10)	0.02927	$/kWh	0.02927	$/kWh	0.02927	$/kWh
DVP Proposed Fuel Rate Rider A (eff. 07/01/10)	**0.02803**	$/kWh	**0.02803**	$/kWh	**0.02803**	$/kWh

	GS-2 Demand		GS-3		GS-4 Primary	
Other Rate Riders						
Rider C1 - Peak Shaving (eff. 4/1/10 through 3/31/11)	0.00008	$/kWh	0.00006	$/kWh	0.00005	$/kWh
Rider C2 - Energy Efficiency (eff. 4/1/10 through 3/31/11)	0.00035	$/kWh	0.00030	$/kWh	0.00024	$/kWh
Financial Transmission Rights Credit **(eff. 5/1/10 - 6/30/10)**	-0.01168	$/kWh	-0.01168	$/kWh	-0.01168	$/kWh

Rider Charges billed on the basis of kWh use.

Summary of Projected Calendar Year 2011 Rate Impacts

	GS-2 Demand		GS-3		GS-4 Primary	
Demand (kW) Based Surcharges						
Winter Months (October - May)						
Present Non-Base Rate kW Charges	1.143	$/kW	1.359	$/kW	1.404	$/kW
Present Non-Base Rate kW Credits	-0.418	$/kW	-0.527	$/kW	-0.527	$/kW
Net Non-Base Rate kW Charges	0.725	$/kW	0.832	$/kW	0.877	$/kW
DVP Proposed Rider T	**1.679**	$/kW	**2.084**	$/kW	**1.533**	$/kW
Increase in Net Effective **Winter** Month Demand Charges	0.954	$/kW	1.252	$/kW	0.656	$/kW
Effective Percentage Increase	132%		150%		75%	
Summer Months (June - September)						
Present Non-Base Rate kW Charges	NA		2.644	$/kW	2.737	$/kW
Present Non-Base Rate kW Credits	NA		-1.321	$/kW	-1.415	$/kW
Net Non-Base Rate kW Charges	NA		1.323	$/kW	1.322	$/kW
DVP Proposed Riders R, S & T	NA		3.711	$/kW	3.075	$/kW
Increase in **Summer** Month Demand Charges	NA		2.388	$/kW	1.753	$/kW
Effective Percentage Increase	NA		180%		133%	
Energy (kWh) Based Surcharges						
Current Net Non-Base Rate kWh Charges	0.03290	$/kWh	0.02963	$/kWh	0.02956	$/kWh
Proposed 2011 Increase in Combined Net Charges	0.03215	$/kWh	0.02839	$/kWh	0.02832	$/kWh
Effective Percentage Increase	**-2.3%**		**-4.2%**		**-4.2%**	
Estimated Overall Rate Increase in Surcharges ($/kWh)						
Current Est Combined Demand & Energy Surcharges ($/kWh)	0.03290	$/kWh	0.03240	$/kWh	0.03241	$/kWh
Proposed 2011 Combined Demand & Energy Surcharges ($/kWh)	0.03215	$/kWh	0.03656	$/kWh	0.03443	$/kWh
Increase in Estimated Combined Demand & Energy Surcharges	-0.00075	$/kWh	0.00416	$/kWh	0.00202	$/kWh
Estimated Effective Overall Percentage Increase in Surcharges	**-2.3%**		**12.9%**		**6.2%**	

Pepco: District of Columbia

Rates and Rate Issues

Affecting Commercial Office Buildings and Master Metered Apartment Projects

November 10, 2010

Pepco: District of Columbia Rates

- Base Rate Increase *(Formal Case No. 1076)*
  - *Initial rates effective 3/23/2010*
  - *Further revised Base Rates effective 7/21/10*
- Retail Transmission Rate Increase – *effective 7/1/2010*
- Rider BSA – Bill Stabilization Adjustment *(changes monthly)*
- EATF and RAD Surcharges
- Rider SETF Surcharge
- Pepco $6.0 Million DSM Surcharge Proposal
- Advanced Metering Infrastructure (AMI) Cost Recovery
- Future Base Rate Increase
  - *Expect new base rate case to be filed in DC in the first half of 2011*
  - *New base rates most likely will not become effective until late 2011 or early 2012*

Results of Recent Pepco Rate Proceedings In the District of Columbia

- Base Rate Increase
  - Request: $51.7 million
  - Initial Order Granted: $19.8 million effective 3/23/10
  - Order on Reconsideration Granted: $ 20.3 million* eff. 7/21/10
- Bill Stabilization Adjustment ("BSA") Surcharge Request – *Granted (Effective 11/01/09 with first monthly rate adjustments applied in January 2010)*
- AMI Regulatory Asset Request – *Granted (Based on Emergency Legislation passed by DC City Council)*
- Pension Regulatory Asset Request – Rejected
- Retail Transmission Rate Increase – Approved eff. 7/01/10
- $6.0 Million DSM Surcharge – Denied 11/8/10

* On DCPSC Reconsideration of its initial decision, Order No. 15864, issued June 23, 2010 grants Pepco an additional $513,000 base rate increase.

Pepco DC Base Rate Increase by Class

Base Rate Increase Granted: $20.3 Million

	Requested	Approved
Residential (R) (MMA)	29.3%	17.3%
Res All Electric (AE) (MMA)	34.7%	20.7%
GS Non-Demand	11.3%	5.1%
GS Demand	10.9%	5.1%
GS Primary (GS-3A)	10.6%	5.1%
GT-LV	12.8%	9.1%
GT-3A	4.6%	-0.4%

Pepco DC - Retail Transmission Rate Increase

- Reflects FERC Approved Transmission Rate increases for:
  - New Transmission Projects
  - Transmission Enhancements

- Pepco's DC Retail Transmission Rates increased $13.8 million or an average of 46.1%

Residential (R)	37.1%
Res All Electric (AE)	43.5%
GS-LV	58.8%
GS-3A Increase	90.0%
GT-LV Increase	48.8%
GT-3A Increase	48.9%

- Increase effective July 1, 2010

Pepco DC Rider BSA

- Rider "BSA" Stands for "Bill Stabilization Adjustment"
- Rider "BSA" does **NOT** Stabilize customer's bills; only stabilizes Pepco's Revenue
- Became effective 11/1/2009 with first rate adjustments applied in January 2010
- Adjustments calculated on a monthly basis and applied with a two month lag (i.e., revenue collected in January forms the basis of the adjustment billed in March)
- Commercial customers' monthly BSA rate adjustments have generally been positive, reflecting rate increases (many at the 10% maximum monthly adjustment)
- Residential customers, including Master Metered Apartments, have consistently received rate credits.

DC RAD and EATF Surcharges

- **Order of Magnitude** Increase in Residential Aid Discount "RAD" Charges
- LIHEAP Charges increase by nearly **seven fold**

Illustrative RAD and LIHEAP (EATF) Surcharges for DC Office and Apartment Buildings

Surcharge	Peak Demand	kWh/year	Annual Charges Old	Annual Charges New
RAD	0.25 MW	1,095,000	$ 55	$ 551
RAD	0.50 MW	2,190,000	$ 110	$1,102
RAD	1.00 MW	4,380,000	$ 219	$2,203
LIHEAP	0.25 MW	1,095,000	$ 438	$ 66
LIHEAP	0.50 MW	2,190,000	$ 876	$ 133
LIHEAP	1.00 MW	4,380,000	$1,752	$ 266
TOTAL	0.25 MW	1,095,000	$ 493	$ 617
TOTAL	0.50 MW	2,190,000	$ 986	$1,235
TOTAL	1.00 MW	4,380,000	$1,971	$2,469

Pepco DC - Other

- AMI Implementation and Cost Recovery
  - Pepco moving forward with deployment of Advanced Metering Infrastructure in DC
  - AMI metering equipment installation began in September 2010
  - Pepco is deferring AMI costs and will seek recovery of those costs in its next base rate case (Could be >$40 Million Plant Addition)
  - Customers will also have to pay for costs of retiring existing meters which on average have over 25 years of useful life remaining.

Pepco: Maryland

Pepco: Maryland Rates

- Base Rate Increase *(Case No. 9217)*
  - $7.5 million *Approved 8/6/2010*
  - *New rates effective 8/19/2010*
- Retail Transmission Rate Increase
  - $17.8 million *increase effective 7/10/2010*
- Rider BSA – Bill Stabilization Adjustment *(changes monthly)*
- Montgomery County Surcharges
- Advanced Metering Infrastructure (AMI) Cost Recovery

New Pepco Base Rates for Maryland

- Pepco Originally Requested a $40 million Base Rate Increase (Case No. 9217)
- On August 6, 2010 MDPSC granted Pepco an increase of $7.5 million.
- Base Rate Increase became effective August 19, 2010

	Requested	Approved
➢ **Residential (R)**	**11.2%**	**3.07%**
➢ **Residential (TOU)**	**13.8%**	**3.07%**
➢ **GS LV**	**18.5%**	**3.07%**
➢ **MGT-LV**	**9.8%**	**1.15%**
➢ **MGT-3A**	**7.4%**	**1.15%**
➢ **GT-LV**	**11.8%**	**1.15%**
➢ **GT-3A**	**15.2%**	**1.15%**

Pepco MD: Future Base Rate Increases

- Expect new base rate case to be filed in MD in the first quarter of 2011
- New base rates most likely will not become effective until late 2011 or early 2012
- Pepco states it expects to file new Base Rate Case every year and a half.
- In addition, Pepco's CEO Joseph Rigby stated that:

> *"… going into 2011 and beyond…" Pepco will be seeking additional "..writers, trackers, formulas…" to automatically adjust customers' bills.*

Pepco MD: Transmission Rates

- Reflects FERC Approved Transmission Rate increases for:
  - New Transmission Projects
  - Transmission Enhancements

- Pepco Retail Transmission Rates Increase reflects an average of 41.5%

Residential (R)	33.5%
Residential (TOU)	33.1%
GS Increase	43.4%
MGT-LV Increase	45.2%
MGT-3A Increase	50.0%
GT-LV Increase	51.3%
GT-3A Increase	53.2%

- Large Annual Transmission Rate increases must be anticipated for each of the next several years based on transmission construction projects already being pursued.

Pepco MD: Other Rate Changes

- Monthly BSA Charges
  - Since first implementation in 2007, Commercial classes frequently subject to Maximum Monthly 10% Adjustment
  - Large Deferred Balances have accumulated for MGT-3A, GT-LV, and MGT-LV classes
  - Those Large Deferred Balances ensure that those classes will continue to pay Maximum Monthly rate adjustments well into the future
- Montgomery County Energy Tax – Electric Legislated Increase
  - Current Tax Rate $0.01384 per kWh
  - New Tax Rate $0.02210 per kWh
  - Increase in Rate $0.00826 per kWh
  - Percentage Increase 59.7%

WGL Rates

By Jurisdiction

November 10, 2010

WGL: Virginia Rates

- No Base Rate Increase during 2010.
- No New Rate Case can be filed prior to January 1, 2011, and new rates cannot be effective prior to October 1, 2011.
- WGL must file either a PBR proposal or new Base Rate Case by February 1, 2011.
- Gas Energy Efficiency Programs Approved for implementation.
- Weather Normalization Adjustment "WNA" mechanism approved for implementation.
- Monthly WNA Adjustments will be shown separately on customers' bills.

WGL: District of Columbia

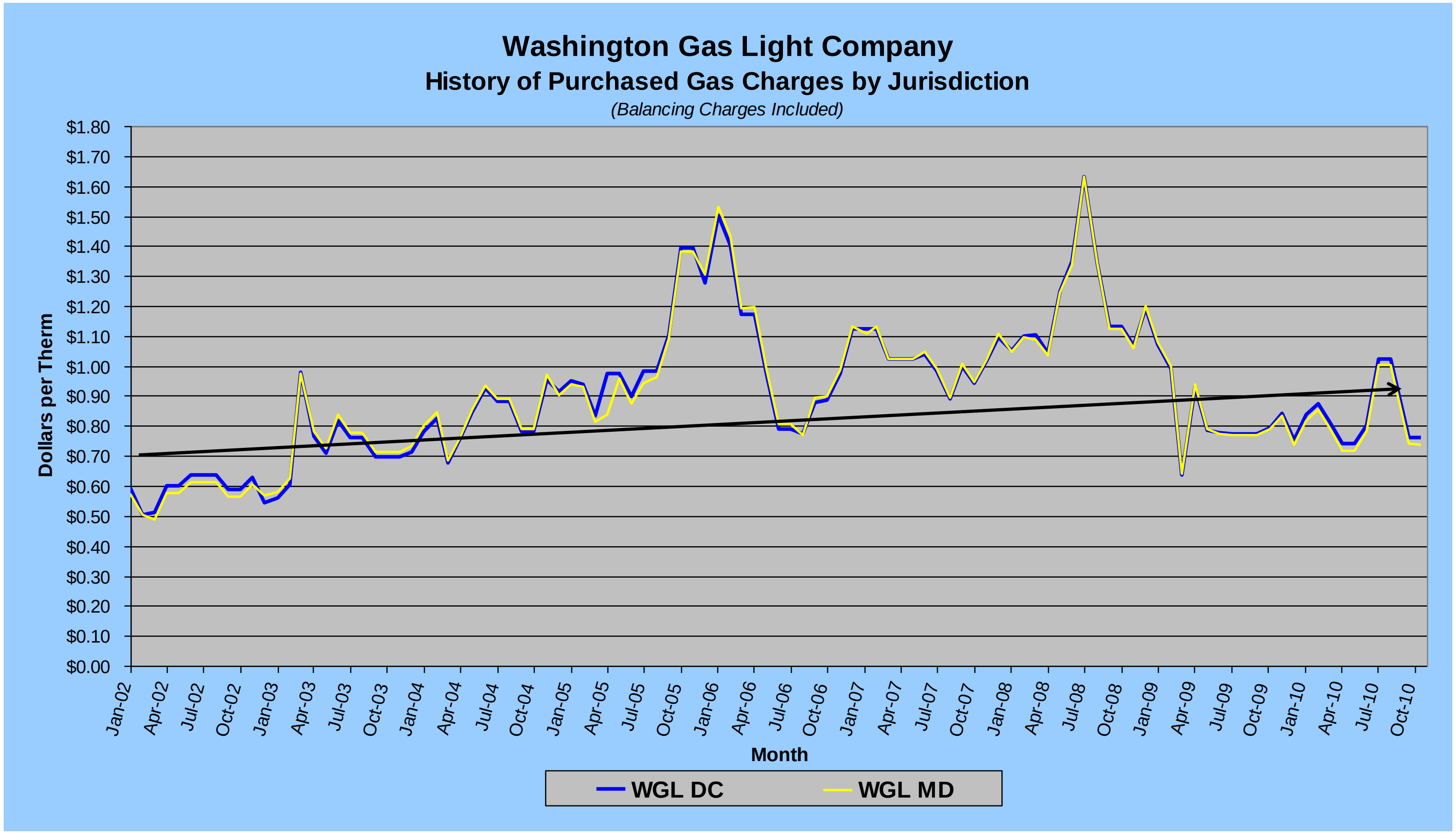
- No new Base Rate increase can be filed prior to January 1, 2011
  - Should expect new Base Rate Increase request to be filed in the first half of 2011 with new rates effective in late 2011 or early 2012
  - No new rates can be effective prior to October 1, 2011
- Revenue Normalization Adjustment (“RNA”) still pending before DCPSC
  - Company seeks assurance of revenue
  - Commission has accepted RNA in concept, but implementation problems identified by AOBA delay approval of the Company’s proposal
- Hexane surcharge implemented
  - Charges Capped at $4 million per year for seven (7) years
  - Recovered through PGA for Sales customers
  - Recovered via Balancing Charge for Delivery Service customers
- Company proposes Natural Gas Energy Efficiency Programs for DC
  - Proposals included for both Residential and Commercial customers
  - No funding presently available for FY 2011 programs

WGL: Maryland Rates

- Base Rates last increased in fall of 2008
- RNA Adjustments – Applied monthly and most often result in additional charges for large commercial customer classes
- Montgomery County Energy Tax
  - Current Tax Rate $0.11921 per therm
  - New Tax Rate $0.19025 per therm
  - Increase in Rate $0.07104 per therm
  - Percentage Increase 59.6%

WGL's Purchase Gas Charges

Remain Generally Below Trend Line



Competitive Energy Market Considerations

November 10, 2010

The Electric Market

November 10, 2010

Reliability Pricing Model (RPM)

Locational Generation Capacity Costs

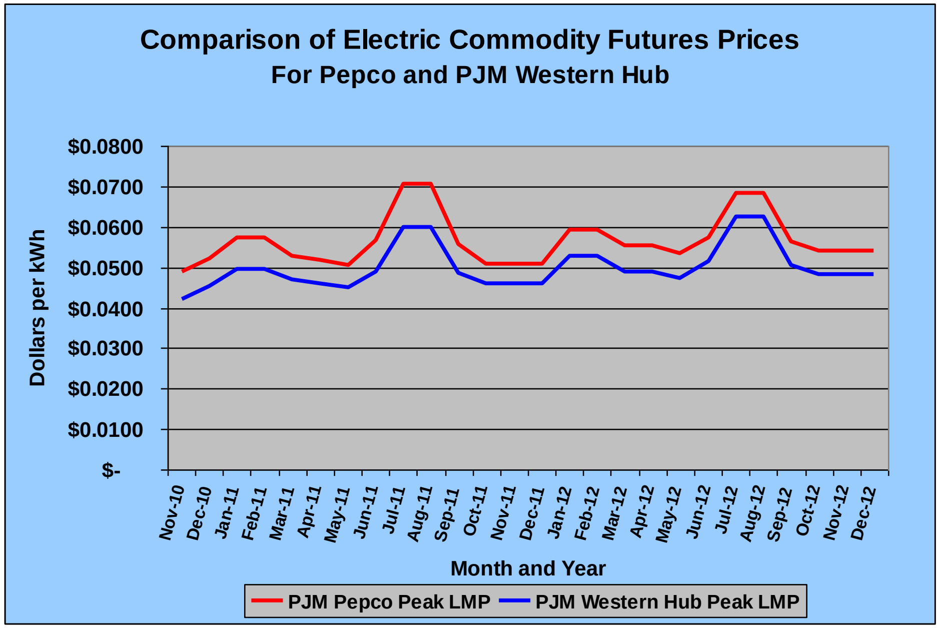
For Pepco & BGE Service Territories

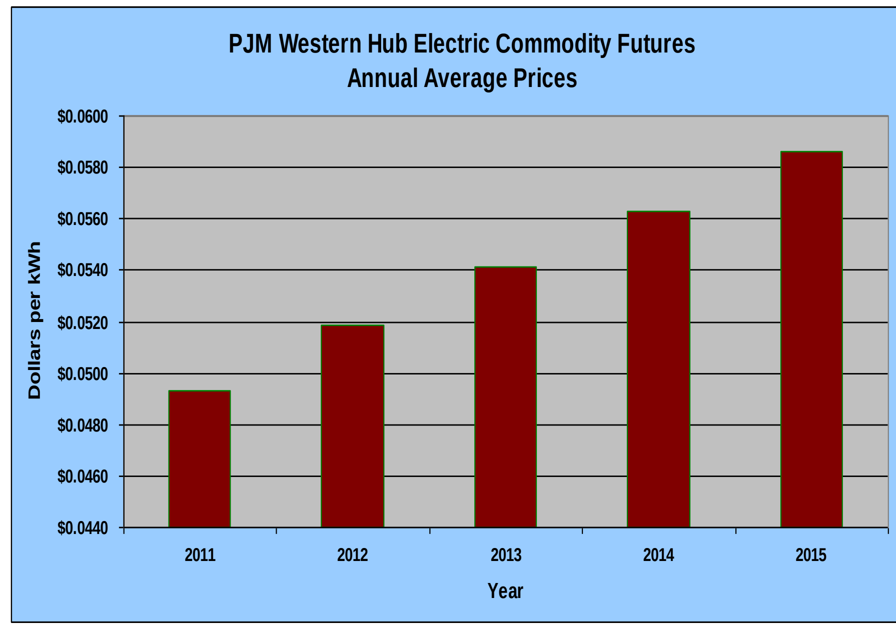
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
(Dollars per Megawatt Day)							
Clearing Price	$188.54	$210.11	$237.33	$174.29	$110.00	$133.37	$247.14*
Capacity Transfer Credit	$ 48.38	$ 29.53	$ 19.21	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Net Load Price	$140.16	$180.58	$218.12	$174.29	$110.00	$133.37	$247.14
(Cents per Kilowatt-Hour)							
Clearing Price	1.571	1.751	1.978	1.453	0.917	1.111	2.060
Capacity Transfer Credit	0.403	0.246	0.160	0.000	0.000	0.000	0.000
Net Load Price	1.168	1.505	1.818	1.453	**0.917**	1.111	**2.060**

Note: Each RPM Pricing Year runs from June 1 through May 31.

***** BGE Zone RPM Price for 2013-14 is $245.00 per MW/Day.

Expectation of Slowly Rising Electric Commodity Prices





Illustrative Forward Looking Retail Electricity Supply Prices by Cost Component

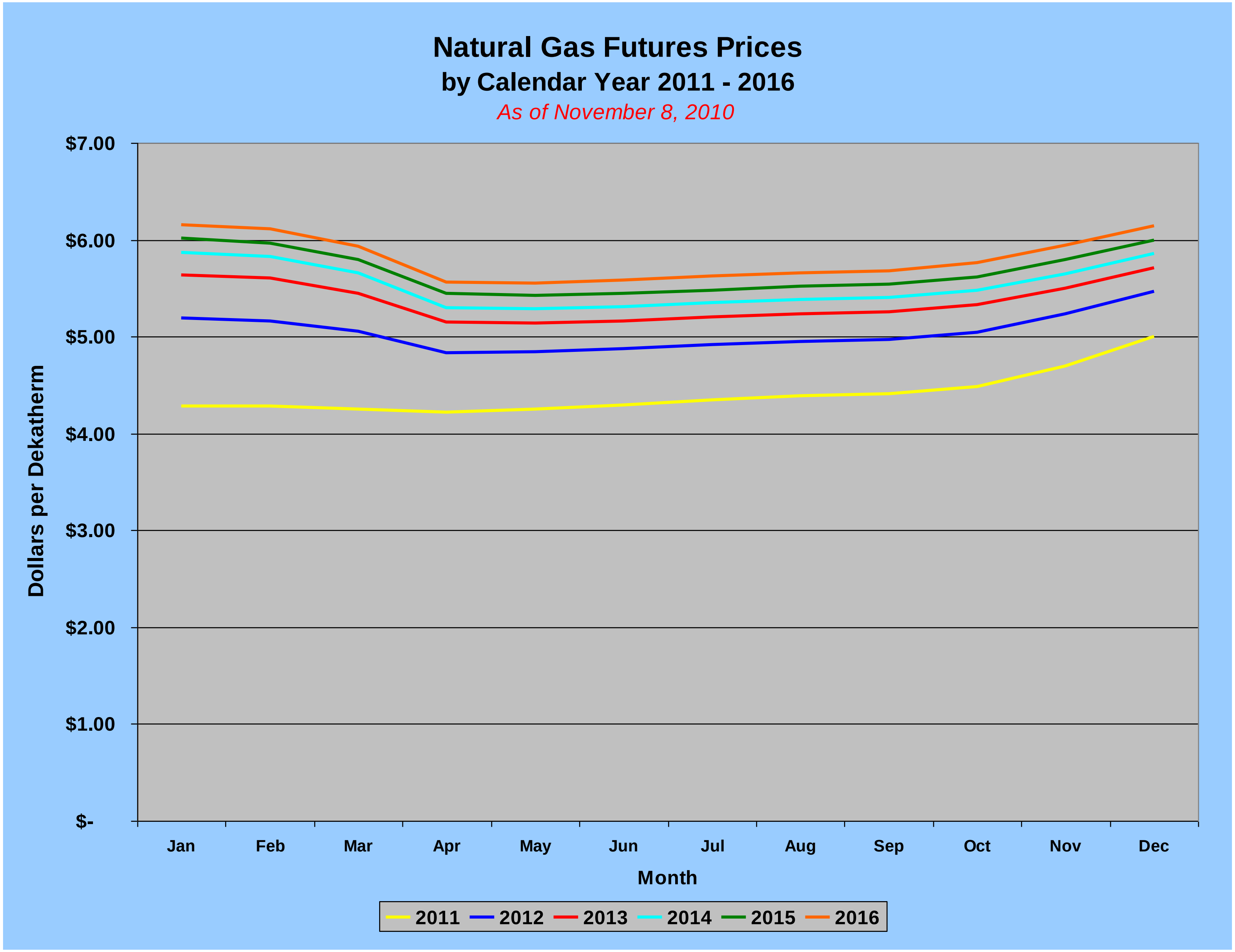
(for DC and MD Electric Markets)

		06/10 – 5/11 **As of Nov 2010**	06/11 – 5/12 **As of Nov 2010**
		Cents per kWh	
❋	*Estimated Electric Energy Cost*	*3.81*	*4.18*
❋	*Locational Capacity Costs*	*1.45*	*0.92*
❋	*Congestion Charges*	*0.54*	*0.65*
❋	*Transmission Costs*	*0.29*	*0.43*
❋	*Ancillaries*	*0.23*	*0.28*
❋	*Marketer Costs*[1]	*0.92*	*0.97*
❋	*Distribution Losses*	*0.43*	*0.45*
❋	Estimated Total Retail Supply Cost	**7.67**	**7.88**

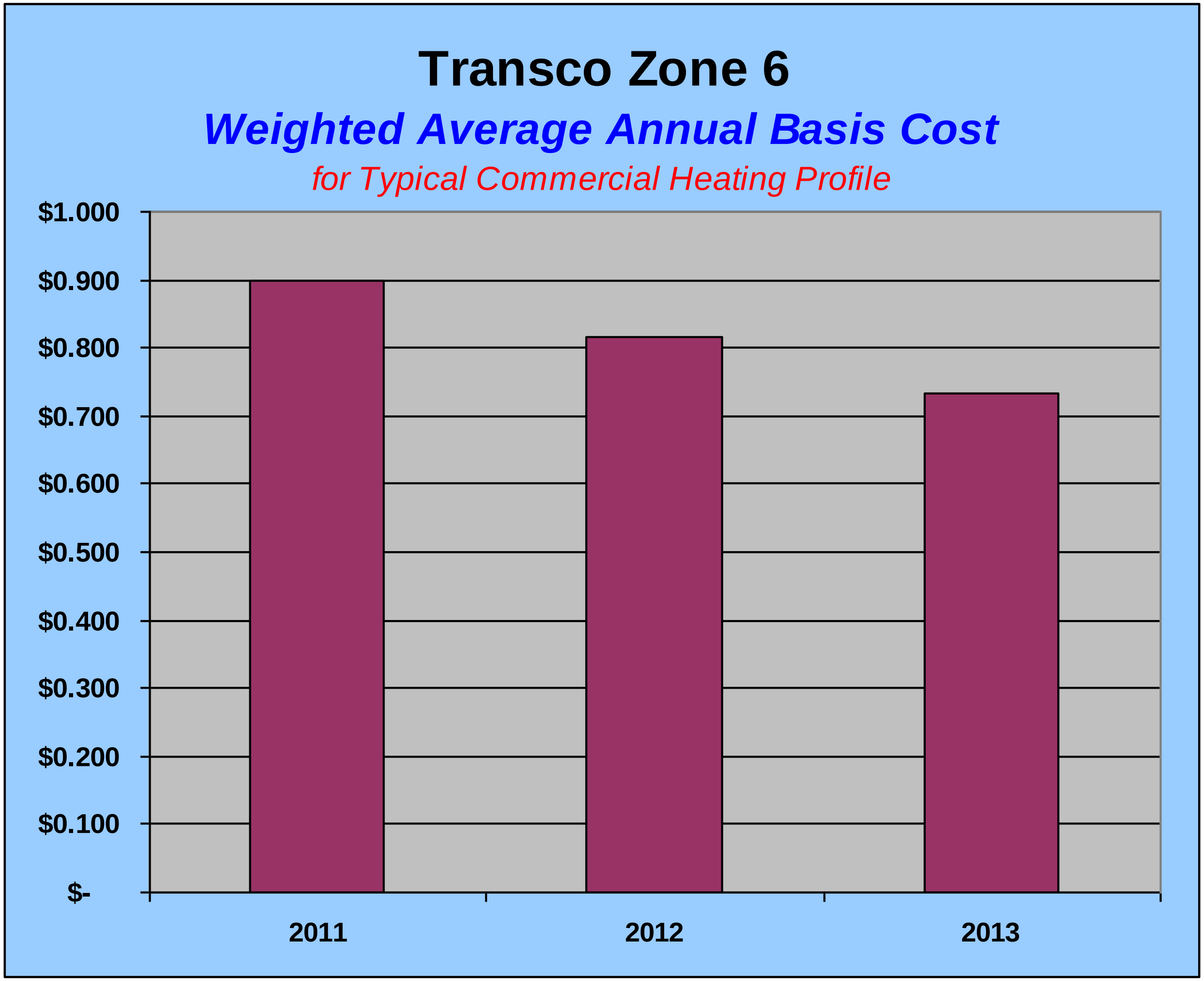
1 *Includes administrative, marketing, collateral and billing costs as well as marketer risk and profit.*

Natural Gas Market

November 10, 2010


Natural Gas Futures Prices
by Calendar Year 2011 - 2016
As of November 8, 2010
$7.00
$6.00
$5.00
$4.00
$3.00
$2.00
$1.00
$-
Dollars per Dekatherm
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Month
2011
2012
2013
2014
2015
2016

Declining Basis Costs for Natural Gas



General Energy Market Perspective

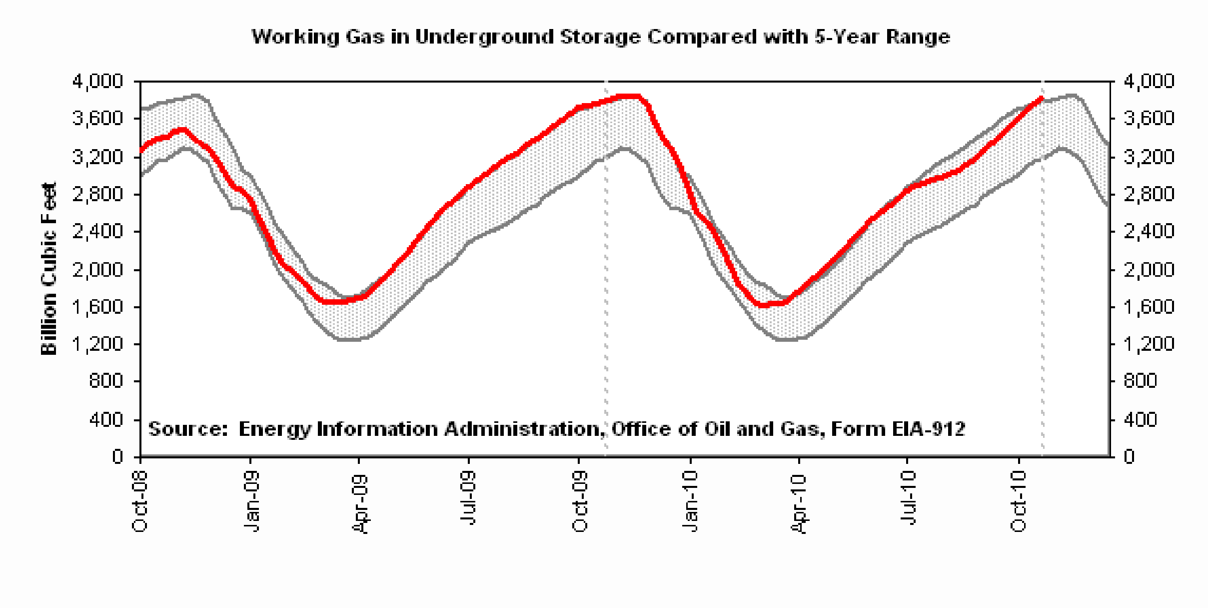
November 10, 2010

Energy Market Drivers

Don't be Lulled to Sleep by Current Market Pricing

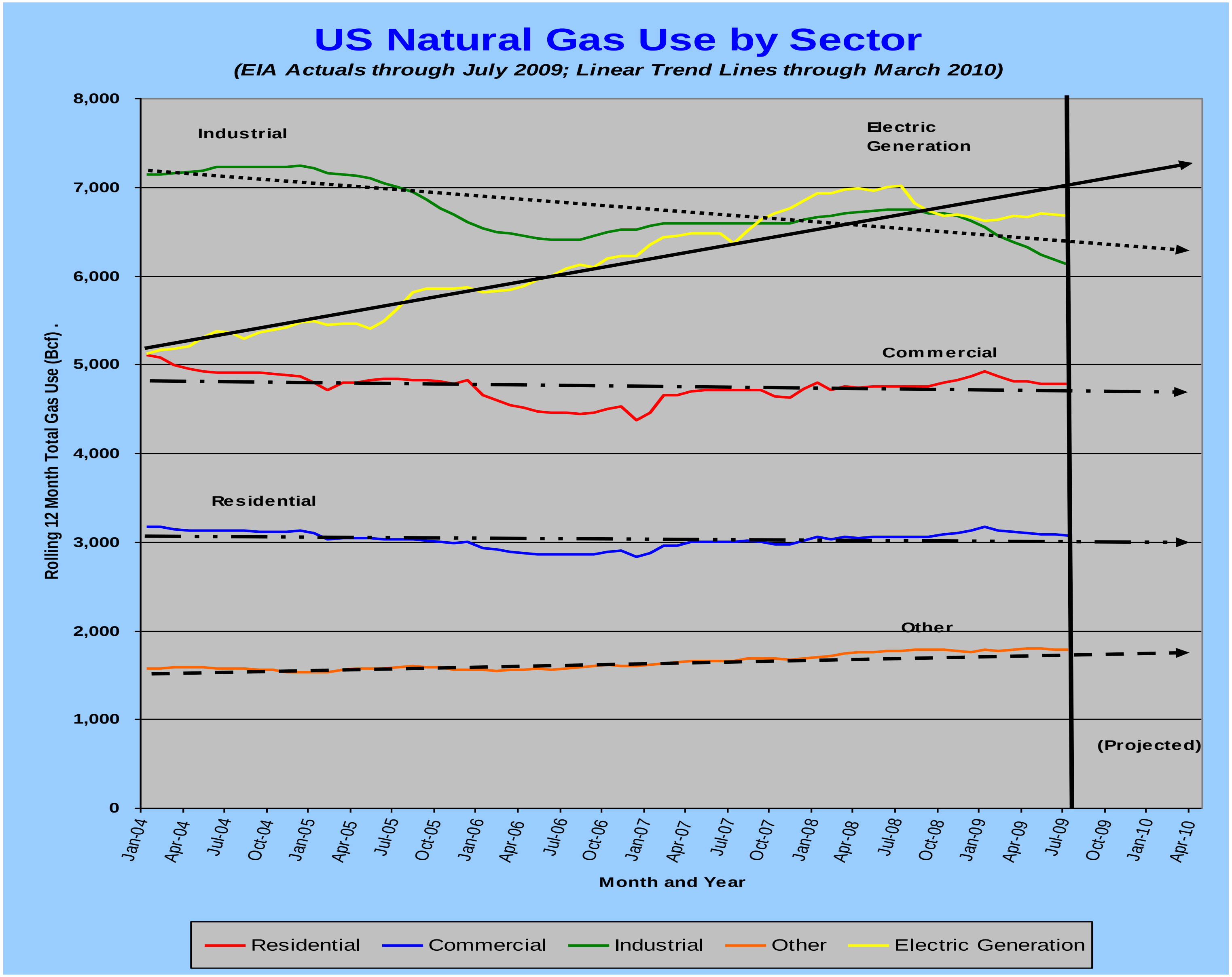
- Continued Growth in U.S. Domestic Production of Natural Gas
  - *Increased production fueled by development of Marcellus Shale deposits in Appalachian States*
  - *Sustainability of recent growth in production must be questioned*
- Surge in Natural Gas use by Electric Generation and Industrial Customers
  - 7.5% Growth in Electric Generation use of Natural Gas in last 12 months
  - 6.4% Growth in Industrial use of Natural Gas in last 12 months
- Failure to successfully kick start Nuclear construction program
- Unacceptability of construction of new coal-fired power plants

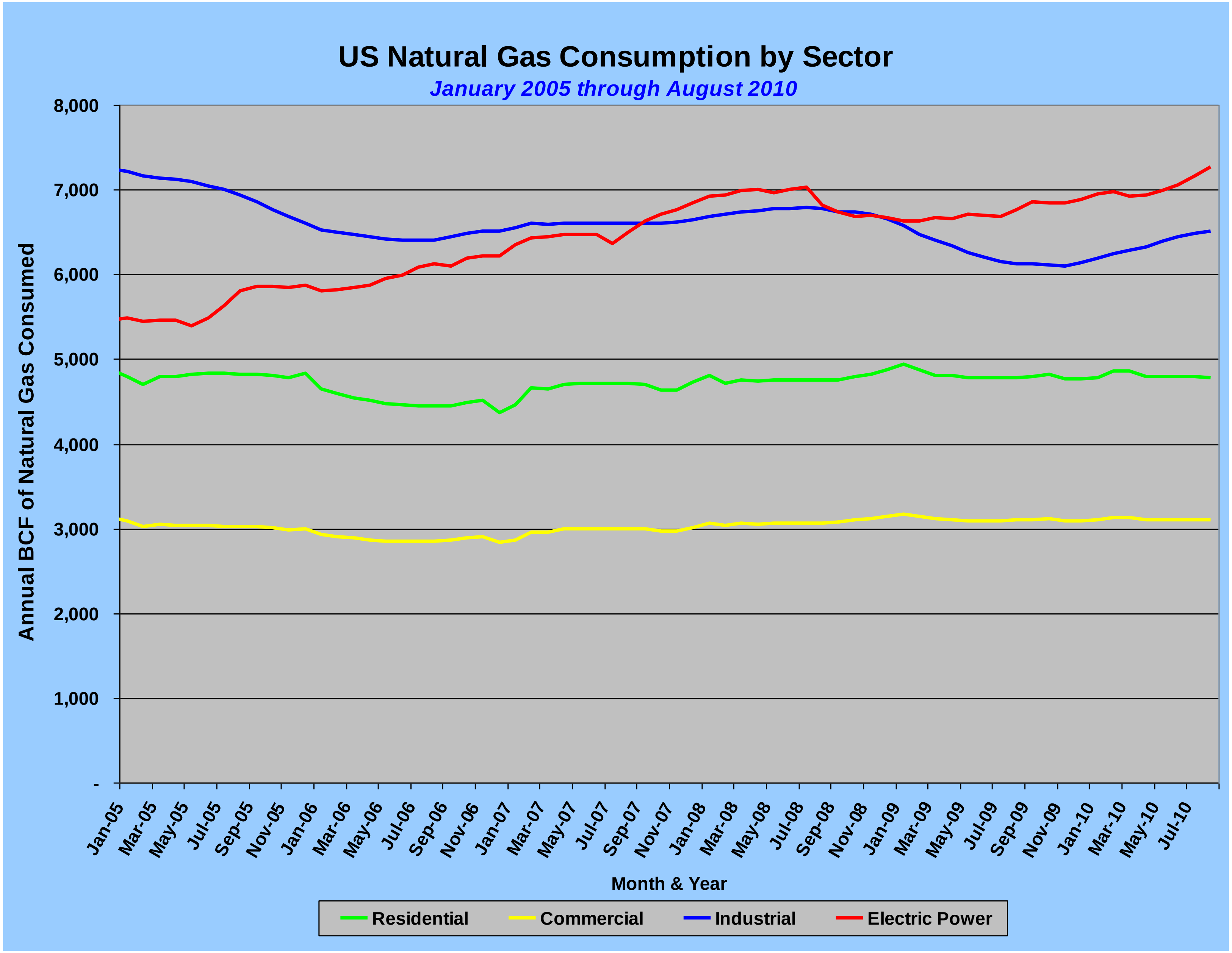
Natural Gas Storage Inventories Again Reach Record Levels

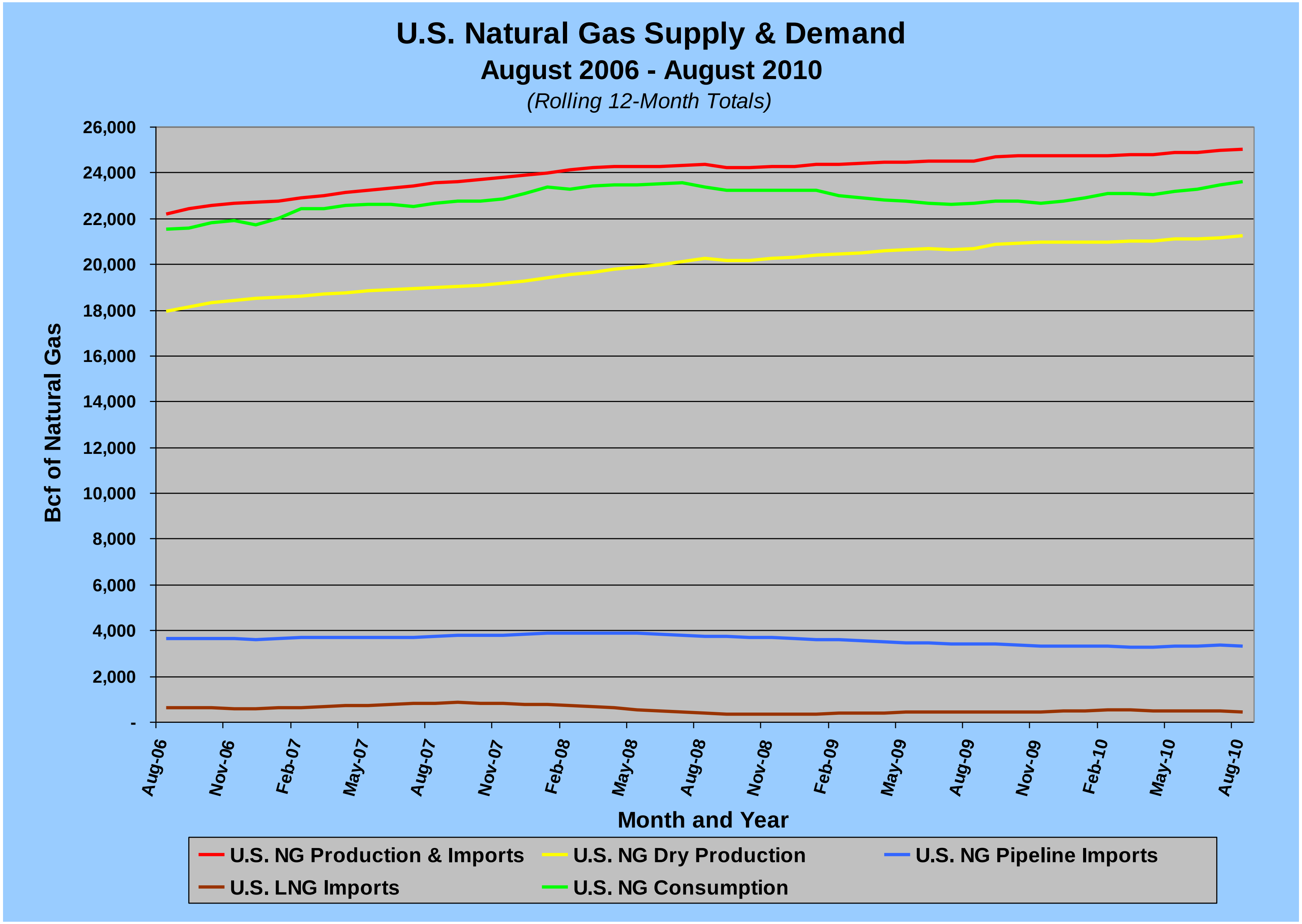


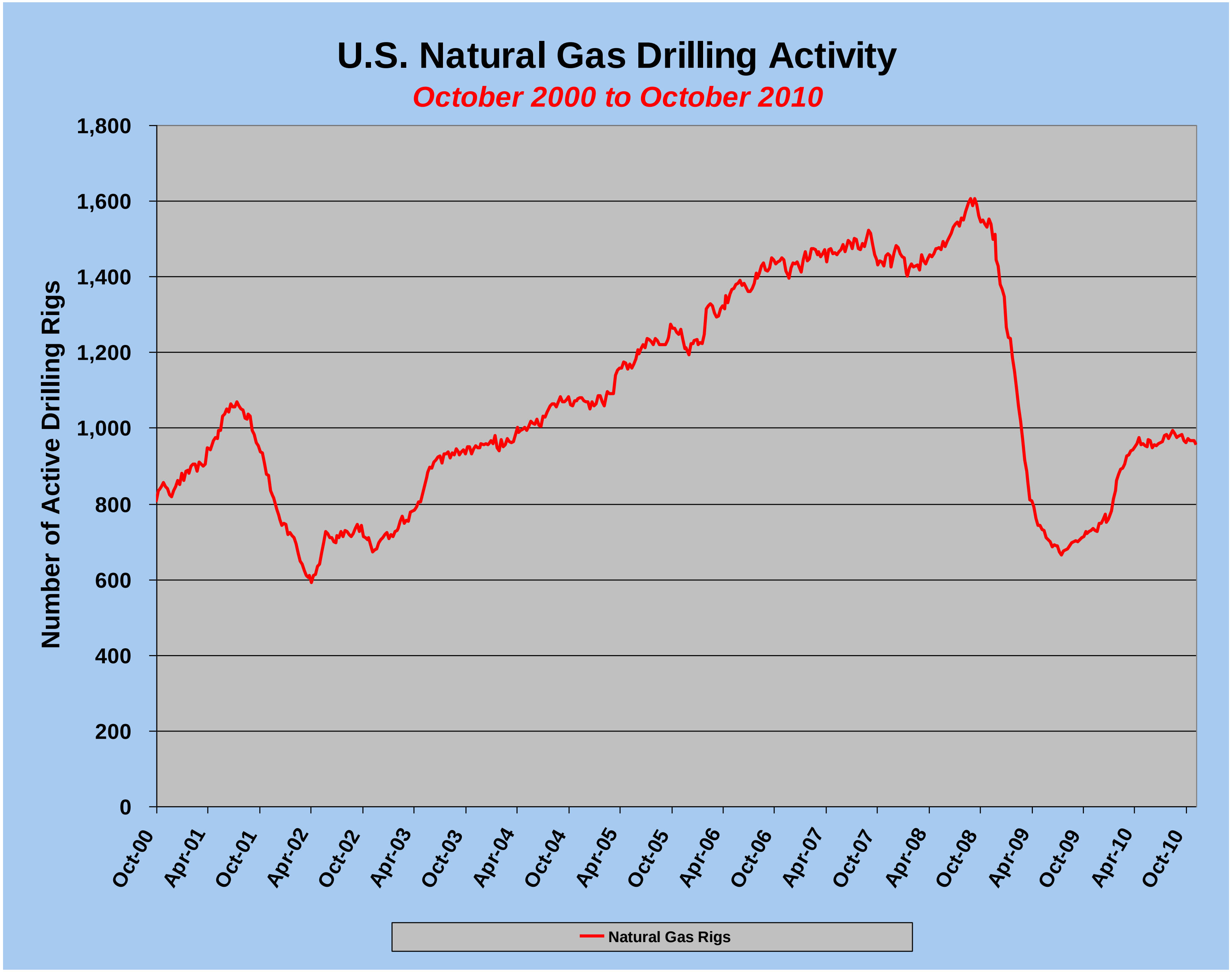
EIA: Working Gas in Underground Storage, Lower 48 States

Region	Stocks in billion cubic feet (Bcf)			Historical Comparisons			
				Year Ago (10/29/09)		5-Year (2005-2009) Avg	
	10/29/10	10/22/10	Change	Stocks (Bcf)	% Change	Stocks (Bcf)	% Change
East	2,087	2,048	39	2,081	0.3	1,992	4.8
West	516	514	2	514	0.4	468	10.3
Producing	1,218	1,192	26	1,189	2.4	1,009	20.7
Total	3,821	3,754	67	3,784	1.0	3,468	10.2

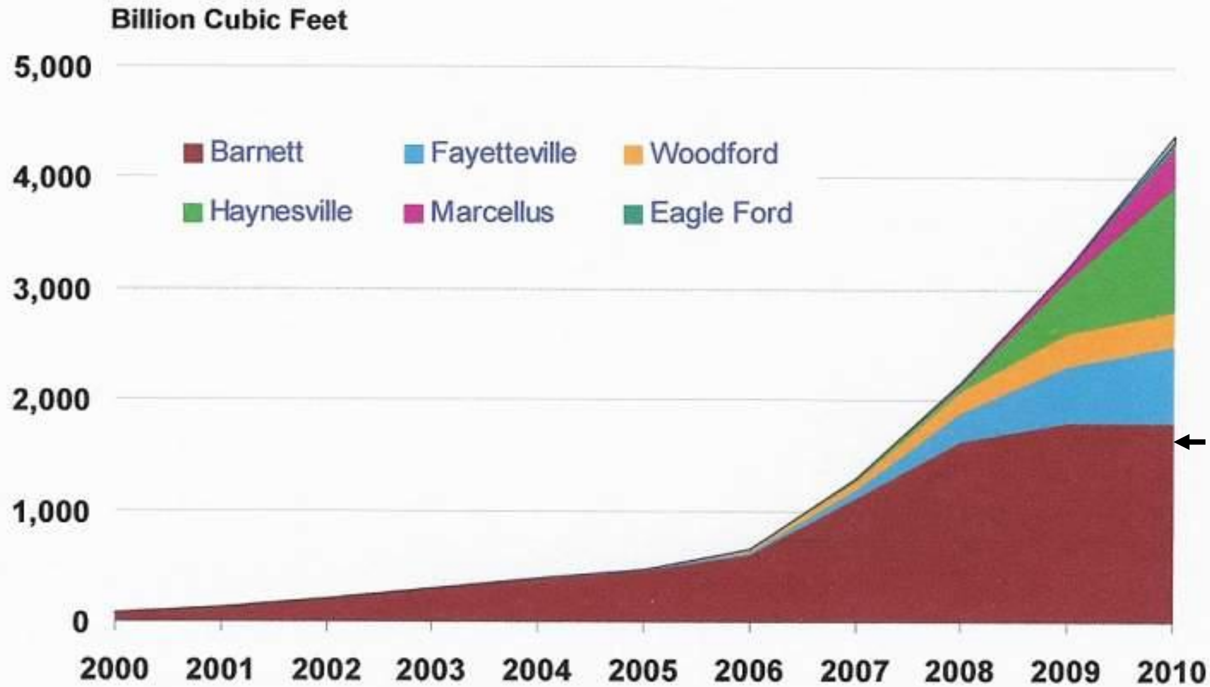

US Natural Gas Use by Sector
(EIA Actuals through July 2009; Linear Trend Lines through March 2010)
Industrial
Electric Generation
Commercial
Residential
Other
(Projected)
Rolling 12 Month Total Gas Use (Bcf)
Month and Year
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Jan-04
Apr-04
Jul-04
Oct-04
Jan-05
Apr-05
Jul-05
Oct-05
Jan-06
Apr-06
Jul-06
Oct-06
Jan-07
Apr-07
Jul-07
Oct-07
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Residential
Commercial
Industrial
Other
Electric Generation


US Natural Gas Consumption by Sector
January 2005 through August 2010
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
-
Annual BCF of Natural Gas Consumed
Jan-05
Mar-05
May-05
Jul-05
Sep-05
Nov-05
Jan-06
Mar-06
May-06
Jul-06
Sep-06
Nov-06
Jan-07
Mar-07
May-07
Jul-07
Sep-07
Nov-07
Jan-08
Mar-08
May-08
Jul-08
Sep-08
Nov-08
Jan-09
Mar-09
May-09
Jul-09
Sep-09
Nov-09
Jan-10
Mar-10
May-10
Jul-10
Month & Year
Residential
Commercial
Industrial
Electric Power


U.S. Natural Gas Supply & Demand
August 2006 - August 2010
(Rolling 12-Month Totals)
Bcf of Natural Gas
26,000
24,000
22,000
20,000
18,000
16,000
14,000
12,000
10,000
8,000
6,000
4,000
2,000
-
Aug-06
Nov-06
Feb-07
May-07
Aug-07
Nov-07
Feb-08
May-08
Aug-08
Nov-08
Feb-09
May-09
Aug-09
Nov-09
Feb-10
May-10
Aug-10
Month and Year
U.S. NG Production & Imports
U.S. NG Dry Production
U.S. NG Pipeline Imports
U.S. LNG Imports
U.S. NG Consumption


U.S. Natural Gas Drilling Activity
October 2000 to October 2010
Number of Active Drilling Rigs
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Oct-03
Apr-04
Oct-04
Apr-05
Oct-05
Apr-06
Oct-06
Apr-07
Oct-07
Apr-08
Oct-08
Apr-09
Oct-09
Apr-10
Oct-10
Natural Gas Rigs

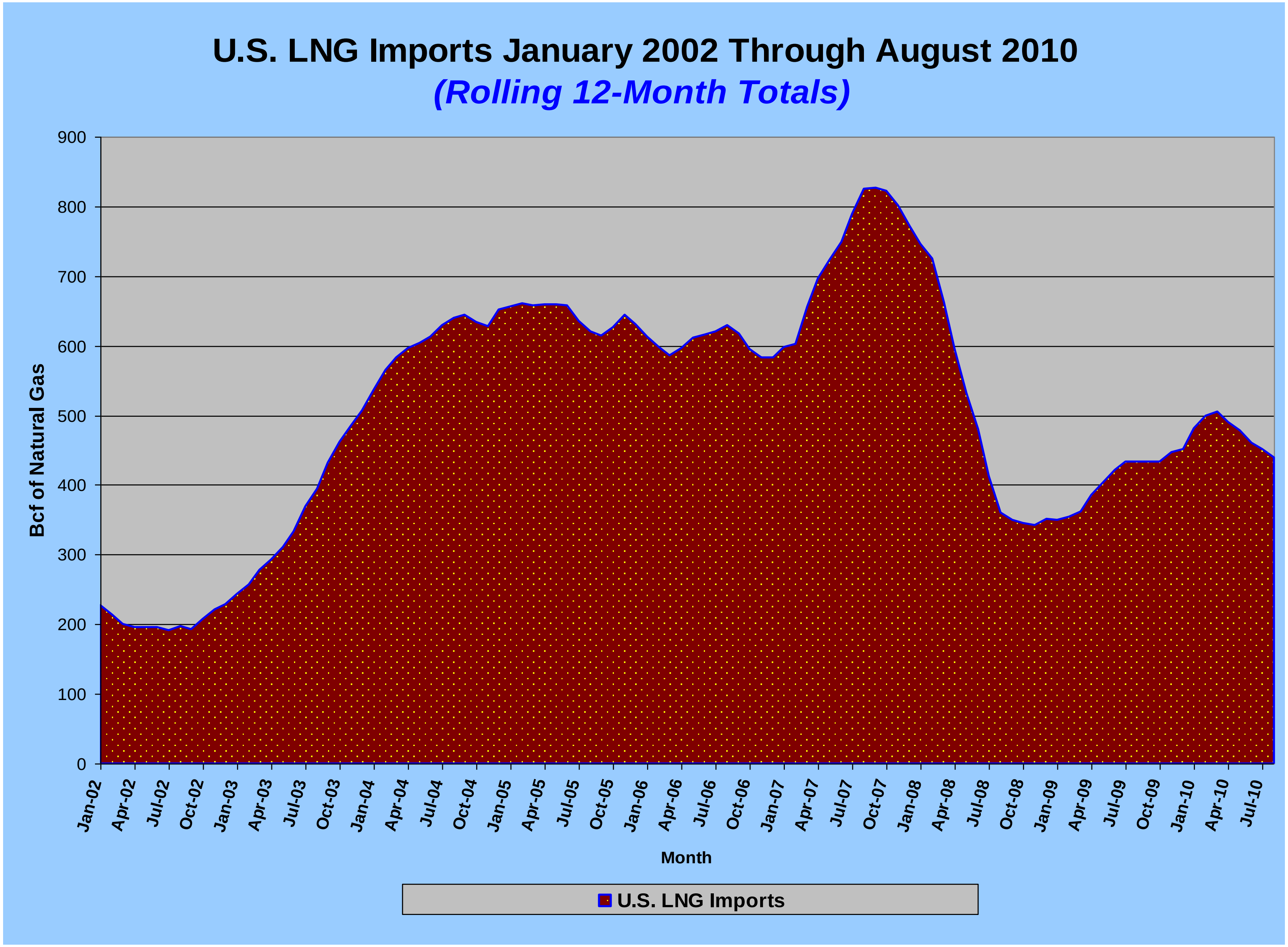
Shale Production by Basin, 2000-2010

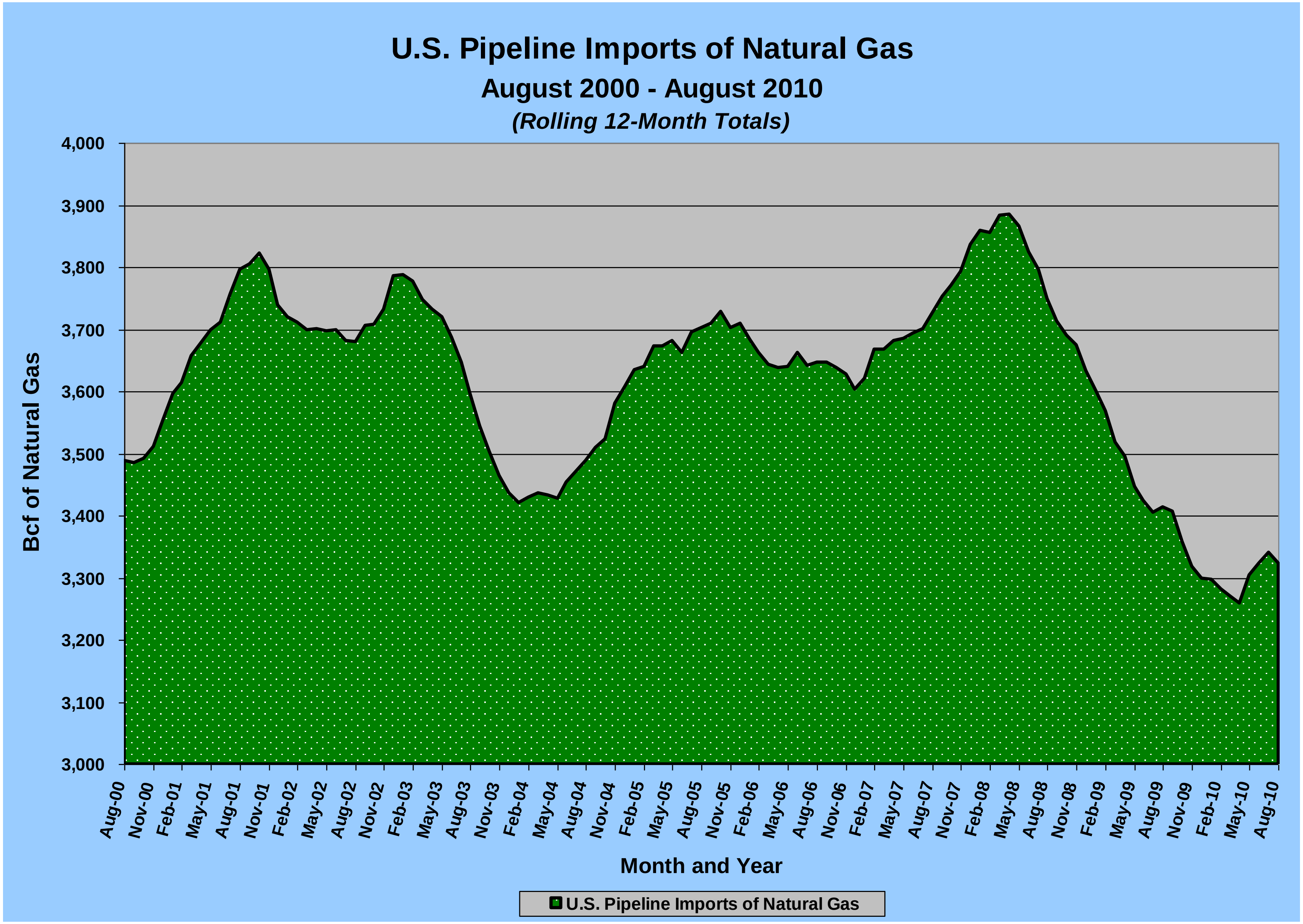


Note Flattening of Barnett Shale Production

Source: EIA, Lippman Consulting (2010 estimated)

James M. Kendell, Houston, TX, October 19, 2010


U.S. LNG Imports January 2002 Through August 2010
(Rolling 12-Month Totals)
Bcf of Natural Gas
0
100
200
300
400
500
600
700
800
900
Jan-02
Apr-02
Jul-02
Oct-02
Jan-03
Apr-03
Jul-03
Oct-03
Jan-04
Apr-04
Jul-04
Oct-04
Jan-05
Apr-05
Jul-05
Oct-05
Jan-06
Apr-06
Jul-06
Oct-06
Jan-07
Apr-07
Jul-07
Oct-07
Jan-08
Apr-08
Jul-08
Oct-08
Jan-09
Apr-09
Jul-09
Oct-09
Jan-10
Apr-10
Jul-10
Month
U.S. LNG Imports


U.S. Pipeline Imports of Natural Gas
August 2000 - August 2010
(Rolling 12-Month Totals)
Bcf of Natural Gas
4,000
3,900
3,800
3,700
3,600
3,500
3,400
3,300
3,200
3,100
3,000
Aug-00
Nov-00
Feb-01
May-01
Aug-01
Nov-01
Feb-02
May-02
Aug-02
Nov-02
Feb-03
May-03
Aug-03
Nov-03
Feb-04
May-04
Aug-04
Nov-04
Feb-05
May-05
Aug-05
Nov-05
Feb-06
May-06
Aug-06
Nov-06
Feb-07
May-07
Aug-07
Nov-07
Feb-08
May-08
Aug-08
Nov-08
Feb-09
May-09
Aug-09
Nov-09
Feb-10
May-10
Aug-10
Month and Year
U.S. Pipeline Imports of Natural Gas