

August 18, 2011

Market Update

**CTA** 

**Prices** 

Supply/Demand

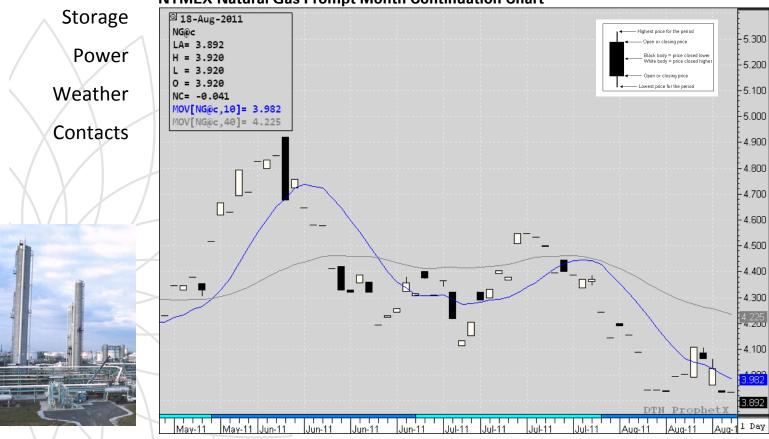
# Did you know?

Worldwide NGV sales will increase from 1.9 million vehicles per year in 2010 to more than 3.2 million units annually by 2016. Corporate and government fleets will represent two thirds of the total market by 2013. The U.S. market for NGVs will have the strongest growth, with a prediction that 32,619 vehicles will sold in the U.S. in 2016.

Source: Pike Research

# **Market Update**

**NYMEX Natural Gas Prompt Month Continuation Chart** 



Source: NYMEX chart provided by DTN ProphetX. The market data is the property of Chicago Mercantile Exchange Inc and its licensors. All rights reserved.

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# **Commodity Trading Commentary**

#### MARKET OUTLOOK

The small injection into weekly storage was due to high temps in the Gulf of Mexico region. CDDs in the South Atlantic region for the reference week came in at 126, the highest recorded by a significant margin (and 19.32% above the 2005-09 average of 105.6). The East South Central saw CDDs at the second highest level ever seen for the region (beaten only by last year) and the West South Central was another record breaker of 167 CDDs, 28.46% above the seasonal average.

Electricity demand for the week ended August 05 was coupled with weak nuclear output. Nuclear generation averaged 22.09 K megawatts for the reference week, 0.76% below last year, and recently weakened to just 20.53K megawatts, 12.50% below last year. At the same time, spot electricity prices in the ERCOT North region spiked to \$596.25 on Thursday of the reference week, not just the highest price for this timestep, but the highest price on record for any timestep. In turn, ERCOT North regional spark spreads jumped from an average of ~\$25.70/Mwh in July to a peak of \$552.54/Mwh during the reference week, a 1,933.23% increase. Unfortunately for the bulls, electricity prices and spark spreads have moderated sharply in the GoM region. Thus we maintain our bearish biases for now.

#### **REGIONAL SUMMARY - West**

Rockies (Opal) temps should rise to +8° above normal per the latest 6 to 10 day outlook (with the warmest regions lying to the South) and the 11 to 15 day outlook. Bids through our \$3.931 weekly inflection-point alert to further strength towards our \$4.002 intra-week. However, a drop below our \$3.789 lower inflection-point clears a path to our \$3.718 weekly limit. We calculate a 65% probability that this market ranges \$3.833 -\$3,887 over the next week and \$3,671 - \$4,059 over the next month.

West Coast temps should be above normal per the 6-10 day outlook and the 11 to 15 day forecast. Bids in PG&E and the SoCal border through our respective \$4,381 and \$4,238 upside inflection-points call for strength towards our \$4.443 and \$4.305 limits. On the other hand, weakness through our respective \$4.259 and \$4.103 weekly lower inflection-points alerts to knockon momentum towards our \$4.197 and \$4.035 limits. We calculate a 65% probability that the PG&E market ranges \$4.287 - \$4.353 over the week and \$4.077 - \$4.577 over the month. In the SoCal market we calculate a 65% probability that the market ranges \$4.146 - \$4.194 over the week and \$3.953 - \$4.399 over the month.

East Blas						
Bullish Neutral Bearish						
Long View			• • •			
Short View			• • •			

West Bias						
Bullish Neutral Bearish						
Long View			• •			
Short View			<b>•</b> • •			

Eastern Canada Bias						
	Bullish Neutral Bearish					
Long View						
Short View			•	•	•	

- High Confidence

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Alberta Bias						
	Bullish Neutral Bearish					
Long View			• •			
Short View			<b>• • •</b>			

Midwest Bias

**Gulf Coast Bias** 

Bullish Neutral

Neutral

Bearish

Bearish

Bullish

ong View

Short View

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Short View	• •
Key	
- Neutral Confidence	

#### **FUNDAMENTALS SUMMARY**

Last week EIA reported a 25 Bcf increase, the second smallest ever seen for this timestep and 32.80% below the 2005-09 average. The breakdown remains mixed. Consider the Gulf of Mexico Producing region: on average, the cumulative injection between the first report of July and the first report of August comes to 63 Bcf (and hit highs of 148 Bcf in 2003). Yet 2011 saw a 9 Bcf delivery over the same timestep, the first year on record to ever see a delivery.

However, the cumulative injection between the first week of July and August for the West region came to 69 Bcf, the largest ever seen for the timestep, more than double last year's 31 Bcf injection and 80.74% above the historical average of 38 Bcf. This week's injection from the West comes to 8 Bcf as compared to the 3 Bcf seen last year, a disappointing number considering that CDD's in the Mountain and Pacific region came in 11.25% and 35.71% above last year respectively. Finally, the East region continues to trend along seasonal norms in terms of both weather and injections: CDD's in New England came to 51, the fifth largest and fifth smallest on record, and the weekly delivery came to 38 Bcf. Information is included as noted, that has been obtained from registered Commodity Trading Advisors ("CTA") with whom BP has a subscription service. BP is not acting as a fiduciary or financial or investment advisor to you. The information does not constitute advice, assurance, guarantee, or representation whatsoever as to expected or projected success, profitability, return, performance, result, effect, consequence, or benefit (either legal, regulatory, tax, financial, accounting, or otherwise) of any transaction. BP is not soliciting on behalf of the identified CTA's and the Customer or recipient should consult with its own legal, regulatory, tax, business, investment, financial, and accounting advisors to the extent it deems necessary. The Customer or recipient agrees that it will make its own investment, trading, hedging, financial, tax and other decisions based upon its own judgment and upon advice from such advisors, and not upon any view expressed, or information provided, by BP. BP makes no representations or warranties, express or implied, regarding the accuracy, adequacy, reasonableness or completeness of the information, assumptions or analysis contained in this newsletter and its attachments, BP accepts no liability in connection therewith, and nothing contained herein should be considered financial or other advice. Contents herein do not necessarily reflect the Company's views.

CTA commentary provided by Stephen Schork, CTA, www.schorkreport.com, 529 Atterbury Road, Villanova, PA 19085



## **Prices**

### **NYMEX Natural Gas: Monthly**

	Price	Weekly	Weekly	Last Settle		
Month	\$/MMBtu	Change	Change	\$/MMBtu		
MONE	1	_				
	08/18/11	\$	%	08/11/11		
Sep-11	\$3.892	-\$0.216	-5.26%	\$4.108		
Oct-11	\$3.899	-\$0.228	-5.52%	\$4.127		
Nov-11	\$4.038	-\$0.241	-5.63%	\$4.279		
Dec-11	\$4.271	-\$0.226	-5.03%	\$4.497		
Jan-12	\$4.377	-\$0.209	-4.56%	\$4.586		
Feb-12	\$4.379	-\$0.205	-4.47%	\$4.584		
Mar-12	\$4.349	-\$0.196	-4.31%	\$4.545		
Apr-12	\$4.322	-\$0.171	-3.81%	\$4.493		
May-12	\$4.350	-\$0.167	-3.70%	\$4.517		
Jun-12	\$4.388	-\$0.160	-3.52%	\$4.548		
Jul-12	\$4.432	-\$0.155	-3.38%	\$4.587		
Aug-12	\$4.456	-\$0.154	-3.34%	\$4.610		
Sep-12	\$4.464	-\$0.149	-3.23%	\$4.613		
Oct-12	\$4.494	-\$0.148	-3.19%	\$4.642		
Nov-12	\$4.667	-\$0.129	-2.69%	\$4.796		
Dec-12	\$4.917	-\$0.105	-2.09%	\$5.022		
Jan-13	\$5.049	-\$0.097	-1.88%	\$5.146		
Feb-13	\$5.024	-\$0.093	-1.82%	\$5.117		
	Prior	r Two Monti	h Closes			
July		\$4	.326			
August						

#### **NYMEX Natural Gas Strips\***

Strip	Price \$/MMBtu 08/18/11	Weekly Change (\$)	Weekly Change (%)	Last Settle \$/MMBtu 08/11/11
Summer (07/11-10/11)	\$3.896	-\$0.22	-5.39%	\$4.118
Winter (11/11-03/12)	\$4.283	-\$0.22	-4.78%	\$4.498
Summer (04/12-10/12)	\$4.415	-\$0.16	-3.45%	\$4.573
Winter (11/12-03/13)	\$4.923	-\$0.10	-2.03%	\$5.025
Cal 11	\$4.025	-\$0.23	-5.36%	\$4.253
Cal 12	\$4.466	-\$0.16	-3.49%	\$4.628

<sup>\*</sup>Source: NYMEX The market data is the property of Chicago Mercantile Exchange Inc and its licensors. All rights reserved.

## **Current Commodity Prices: September**

Product	Price 08/18/11	Weekly Change (\$)	Weekly Change (%)	Last Settle 08/11/11	Delivered Price (\$/mmbtu)
NYMEX Natural Gas	\$3.892 US/mmbtu	-0.216	-0.053	4.108	3.892
NYMEX WTI Crude	\$82.38 US\$/bbl	-3.340	-0.039	85.720	14.130
Heating OilNo. 2	\$2.8748 US\$/gal	-0.024	-0.008	2.899	20.727
NYH RBOBGasoline	\$2.7832 US\$/gal	-0.044	-0.016	2.827	22.266
Central App. Coal	\$76.95 US\$/ton	1.850	0.025	75.100	3.206
Propane	\$1.533 US\$/gal	0.026	0.017	1.507	16.846
Butane	\$1.88 US\$/gal	0.094	0.053	1.786	18.324
C5 (Natural Gasoline)	\$2.3066 US\$/gal	0.122	0.056	2.185	20.054
Ethane	\$0.4554 US\$/gal	-0.020	-0.041	0.475	-0.267

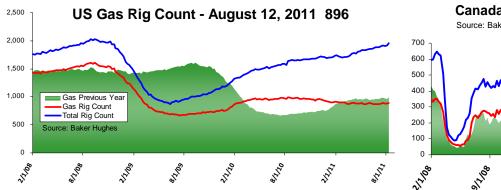
### Commodity Prices Wednesday, August 17, 2011 Natural Gas Spot Prices for Wednesday Delivery with Basis to Henry Hub (US\$/MMBtu)

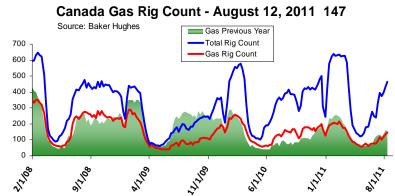


Basis shown in bold Source: Global Energy Decisions

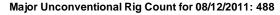
# **Rig Counts**

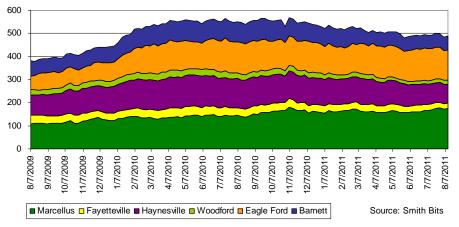
# **Competing Fuels**

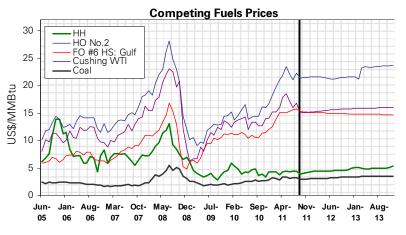




For the week ending August 12, 2011, the US gas rig count increased to 896, an increase of 13 rigs from last week but a decrease of 96 rigs from the same week last year. In Canada, the rig count rose to 147, an increase of 12 rigs from last week but a decrease of 6 rigs versus last year.

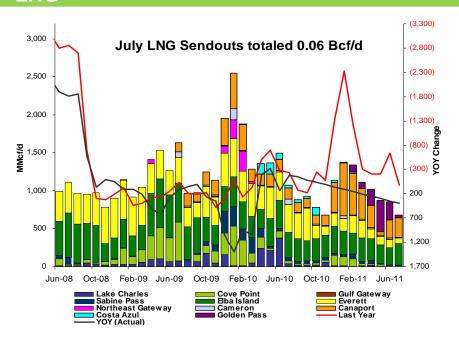




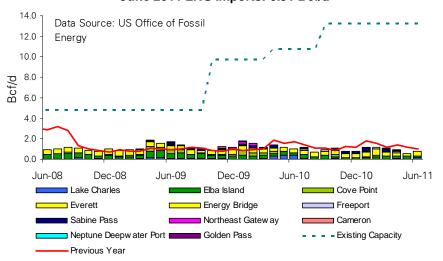




## **LNG**



June 2011 LNG Imports: 0.91 Bcf/d



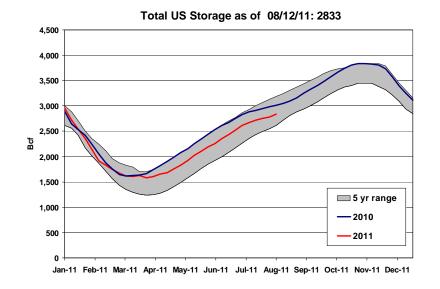
Average daily LNG imports to the US decreased in June to 0.91 Bcf/d, a drop of 0.22 Bcf/d from last month. Total imports of 27.4 were 0.78 less than May and 5.1 Bcf less than June 2010. LNG sendouts for the month of July averaged 0.06 Bcf/d, 0.17 below June. Source: DOE

* Projected LNG Landed Prices (\$/bcf)							
Report Date	7/22/2011	7/28/2011	8/4/2011	8/11/2011			
<b>Delivery Month</b>	Aug-11	Aug-11	Sep-11	Sep-11			
Cove Point	\$4.39	\$4.39	\$3.95	\$4.11			
Lake Charles	\$3.96	\$3.89	\$3.55	\$3.70			
Altamira	\$4.61	\$4.53	\$4.16	\$4.32			
Spain	\$9.56	\$9.18	\$8.61	\$8.63			
Belgium	\$8.73	\$8.63	\$8.44	\$8.45			
UK	\$8.39	\$8.39	\$7.79	\$7.94			
India	\$12.67	\$13.73	\$13.23	\$13.04			
Japan	\$13.91	\$14.47	\$14.98	\$15.17			
Korea	\$13.79	\$14.38	\$14.98	\$15.77			

<sup>\*</sup>Source: Waterborne Energy



### **US Natural Gas Storage**



US Weekly withdrawals for week ending 08/12/11 : 50 Bcf

Current	Last Week	Change	Last Year*
08/12/11	08/05/11	(Bcf)	08/12/10
1466	1418	48	1570
414	404	10	482
953	961	-8	956
2833	2783	50	3008
	08/12/11 1466 414 953	08/12/11     08/05/11       1466     1418       414     404       953     961	08/12/11     08/05/11     (Bcf)       1466     1418     48       414     404     10       953     961     -8

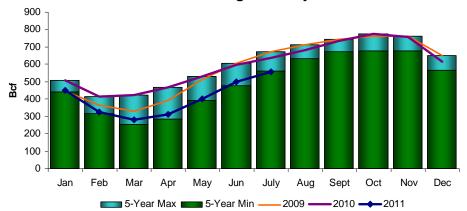
<sup>\*</sup> Note: Last Year's values are from the closest observable week.

Working gas in storage was 2,833 Bcf as of Friday, August 12, 2011, according to EIA estimates. This represents a net increase of 50 Bcf from the previous week. Stocks were 175 Bcf less than last year at this time and 73 Bcf below the 5-year average of 2,906 Bcf. In the East Region, stocks were 120 Bcf below the 5-year average following net injections of 48 Bcf. Stocks in the Producing Region were 50 Bcf above the 5-year average of 903 Bcf after a net withdrawal of 8 Bcf. Stocks in the West Region were 3 Bcf below the 5-year average after a net addition of 10 Bcf. At 2,833 Bcf, total working gas is within the 5-year historical range.

Source: EIA

Avg. Power Prices \$/MW	Week en	ding	8/17/2011	
ISO		On Peak		Off Peak
Alberta	\$	72.02	\$	23.68
PG&E	\$	40.43	\$	27.45
ERCOT North	\$	52.75	\$	27.21
Palo Verde	\$	37.53	\$	25.95

#### Canadian Storage for July: 558 Bcf



In the month of July, Canadian storage levels increased 60 Bcf from July to a total of 558 Bcf.

Source: Enerdata/Canada Gas Association

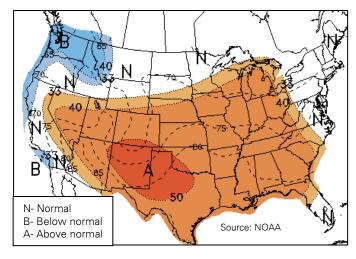


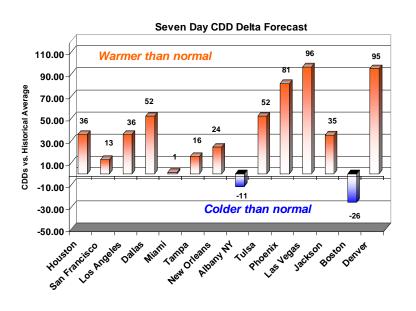
# **North American Weather**

6-10 Day Temperature Forecast Aug 22 – 26, 2011

N-Normal
B- Below normal
A- Above normal

8-14 Day Temperature Forecast From Aug 17 – 23, 2011





Source: NCEP

inches

## **Contacts**

#### **West Offices**

Denver 1660 Lincoln Street, Suite 2900 Denver, CO 80264 303.830.3251

Irvine 18101 Von Karman Ave., Ste 920 Irvine, CA 92612 949.251.8696

Salt Lake City 1010 North 500 East, Suite 200 North Salt Lake, UT 84054 801.451.9200



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#1 US Gas Location Options #1 Overall Gas Broker (2006, 2008, 2009)



## **BP Energy North America Locations**



Salt Lake City Office						
Name	Title	Phone	Email			
Brian Browning	Vice President Producer Services	801-939-9126	brian.browning@bp.com			
Jason Woodland	Vice President	801-939-9128	jason.woodland@bp.com			
Mark Smoot	Producer Services Originator	801-939-9120	mark.smoot@bp.com			
Jared Barton	Producer Services Originator	801-939-9127	jared.barton@bp.com			
Brent Turner	Marketer Commercial & Industrial	801-939-9124	brent.turner@bp.com			
Ryan Wall	Originator Wholesale	801-939-9134	ryan.wall@bp.com			
Tom Bailey	Analyst	801-939-9116	thomas.bailey@bp.com			
John Armstrong	Analyst	801.939.9159	john.armstrong@bp.com			
Irvine Office						

	/		,		
Irvine Office					
Name	Title	Phone	Email		
Jason Tate	Vice President	949-251-8696 x108	jason.tate@bp.com		
Diane Holman	Marketer Commercial & Industrial	949-251-8696 ext. 105	diane.holman@bp.com		
David Theriault	Marketer Commercial & Industrial	510-643-2058	david.theriault@bp.com		
Kevin Topdjian	Originator, Southwest	949-251-8986 ext. 111	kevin.topdijan@bp.com		
Michael Annas	Origination Analyst	949-251-8696 x107	michael.annas@bp.com		
Danielle Rodriguez	Customer Service Representative	949-251-8696 ext. 109	danielle.rodriguez@bp.com		
	Denver	Office			

Denver Office					
Name	Title	Phone	Email		
Pamela Cushing	Marketer Commercial & Industrial	303-830-3253	pamela.cushing@bp.com		
Marcus Eller	Originator Wholesale	303-830-3266	marcus.eller@bp.com		
Jerry Padilla	Managing Director	303-830-3238	jerry.padilla@bp.com		