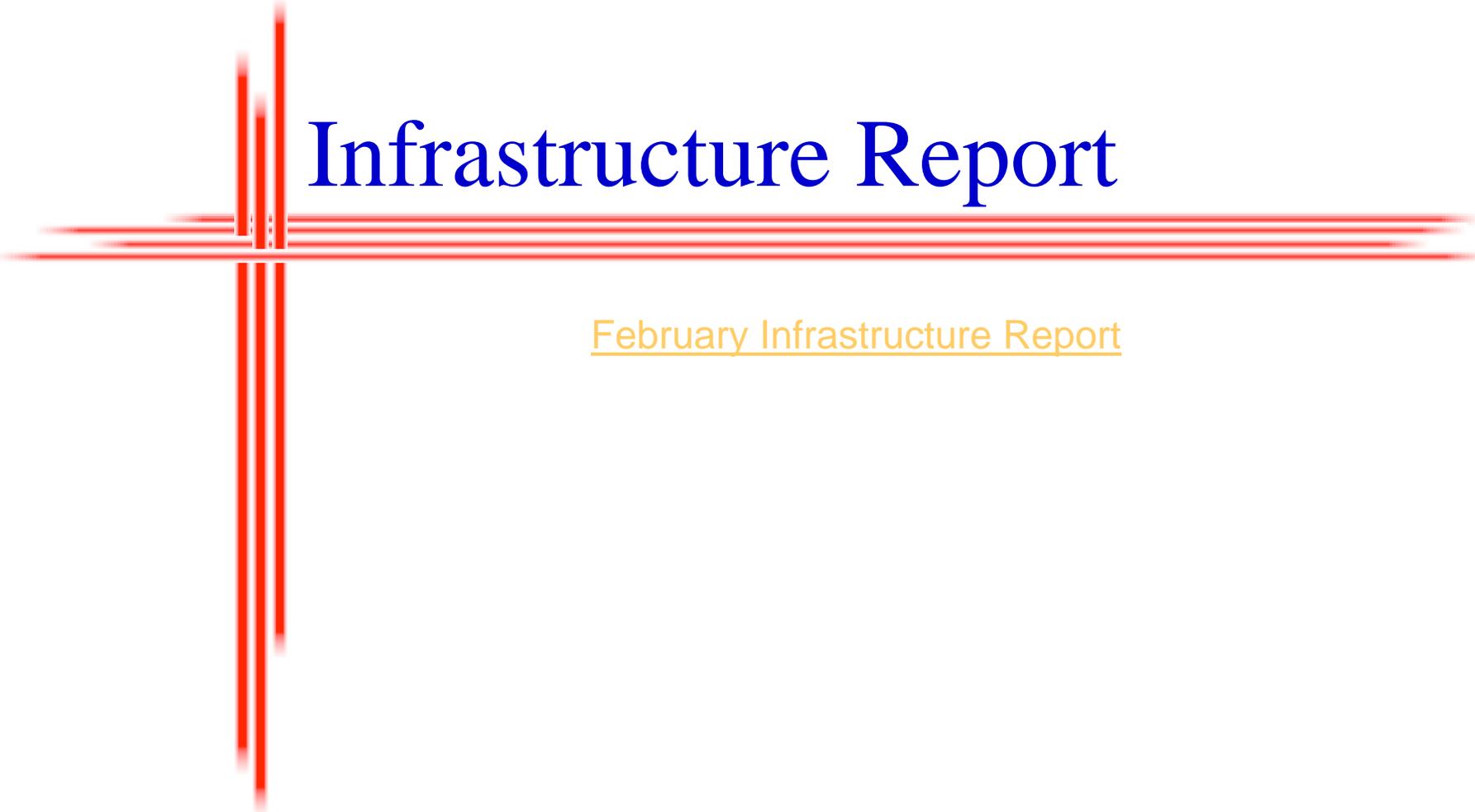


OE ENERGY MARKET SNAPSHOT

Southeast States Version – February 2012 Data

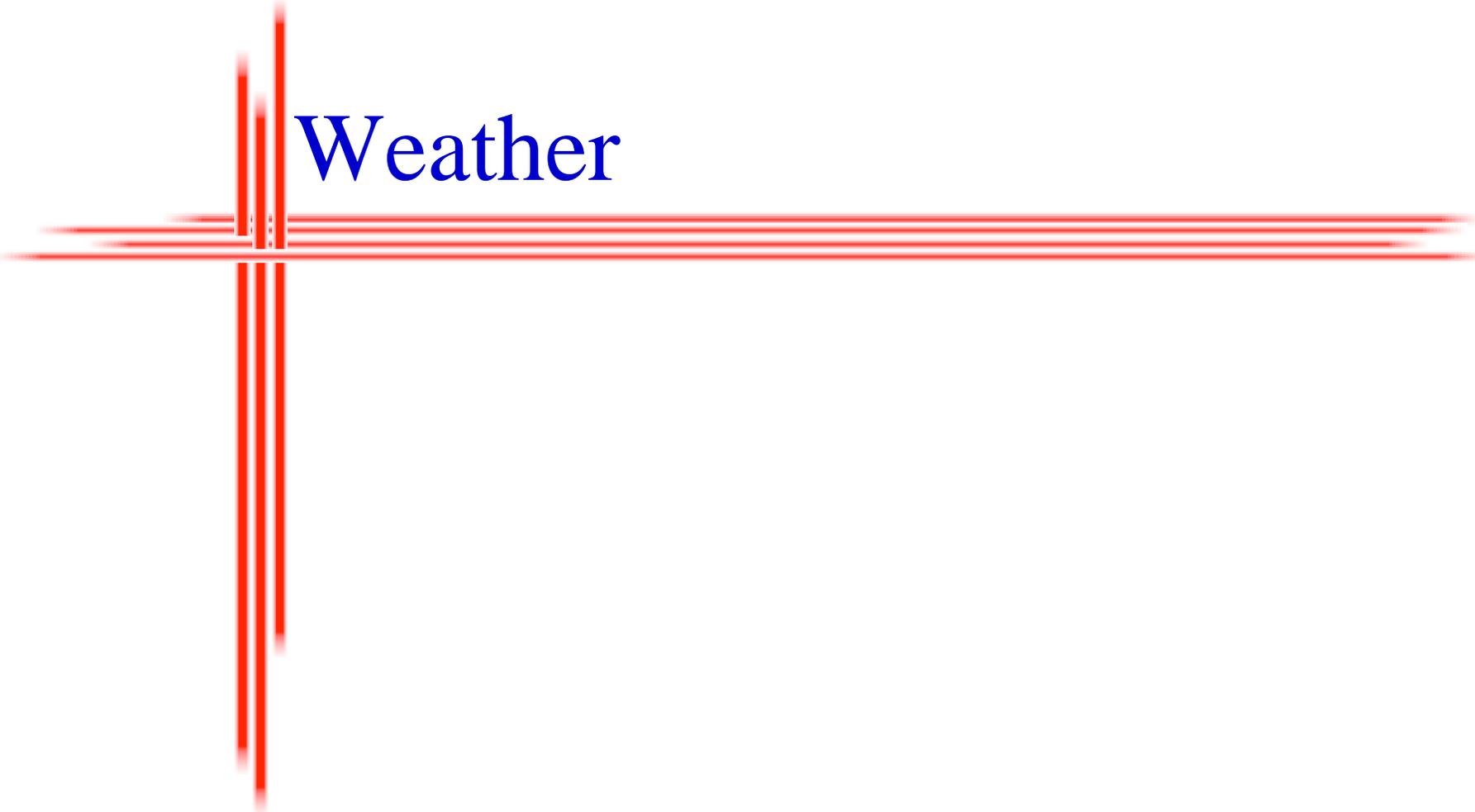
Office of Enforcement
Federal Energy Regulatory Commission
March 2012

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight



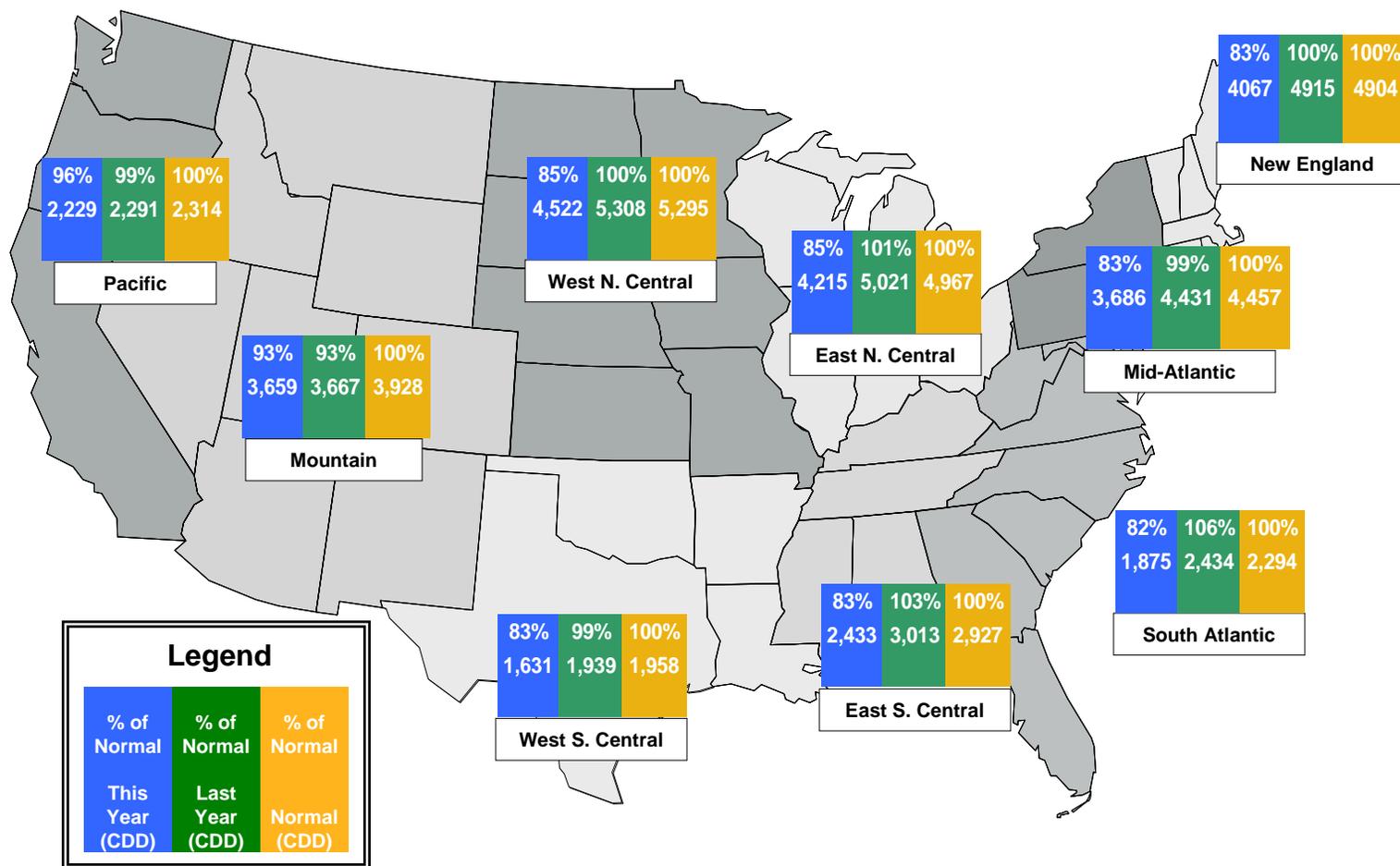
Infrastructure Report

February Infrastructure Report



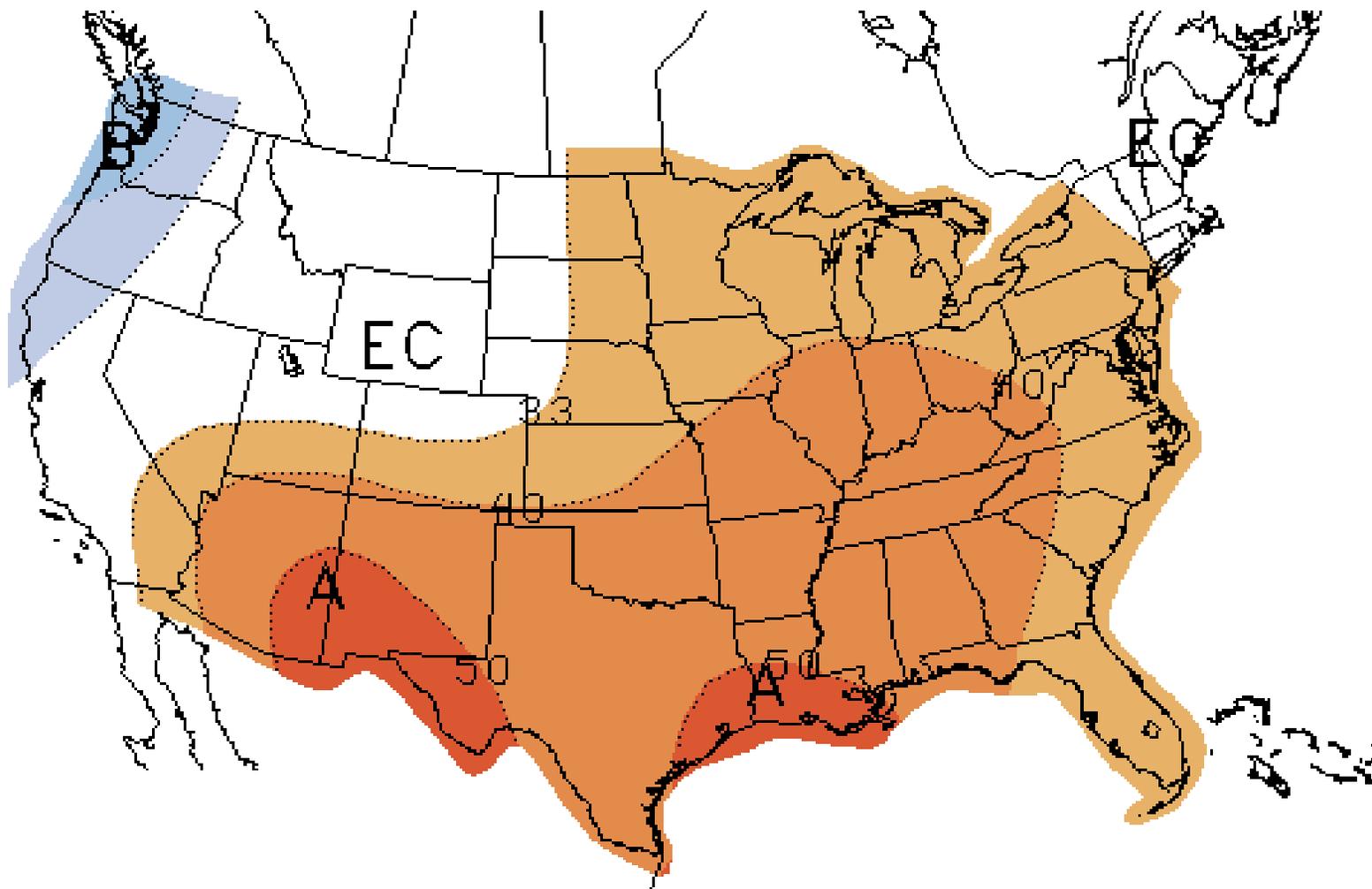
Weather

Regional Heating Degree Days – July 2011 to February 2012



Source: Derived from NOAA data. Normal is based on a 30-year average of heating degree day data.
 March 2012 Southeast Snapshot

NOAA's 3 Month Temperature Forecast Made February 16, 2012, Valid for March 2012 – May 2012



Note: "A" areas are above normal, "B" areas are below normal and "EC" means equal chance. Normal is based on the last 30 years of data.

Source: Derived from NOAA data.

Updated: March 6, 2012

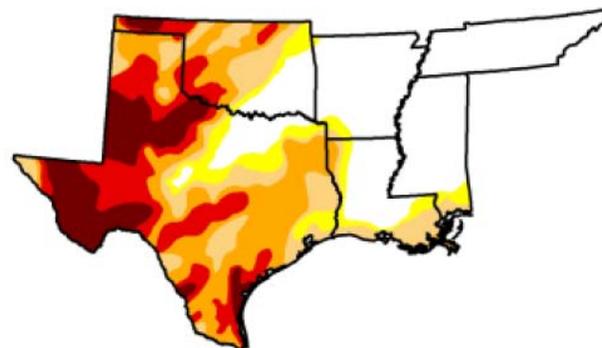
Drought Continues in Most of Texas

U.S. Drought Monitor South

March 6, 2012
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	36.89	63.11	55.89	41.95	23.80	10.93
Last Week (02/28/2012 map)	36.89	63.11	55.02	41.39	23.22	7.96
3 Months Ago (12/06/2011 map)	24.24	75.76	71.33	58.44	45.92	22.87
Start of Calendar Year (12/27/2011 map)	26.47	73.53	69.01	54.81	39.11	17.15
Start of Water Year (09/27/2011 map)	18.34	81.66	76.26	70.61	63.67	53.77
One Year Ago (03/01/2011 map)	4.74	95.26	74.28	38.60	10.76	0.00



Intensity:

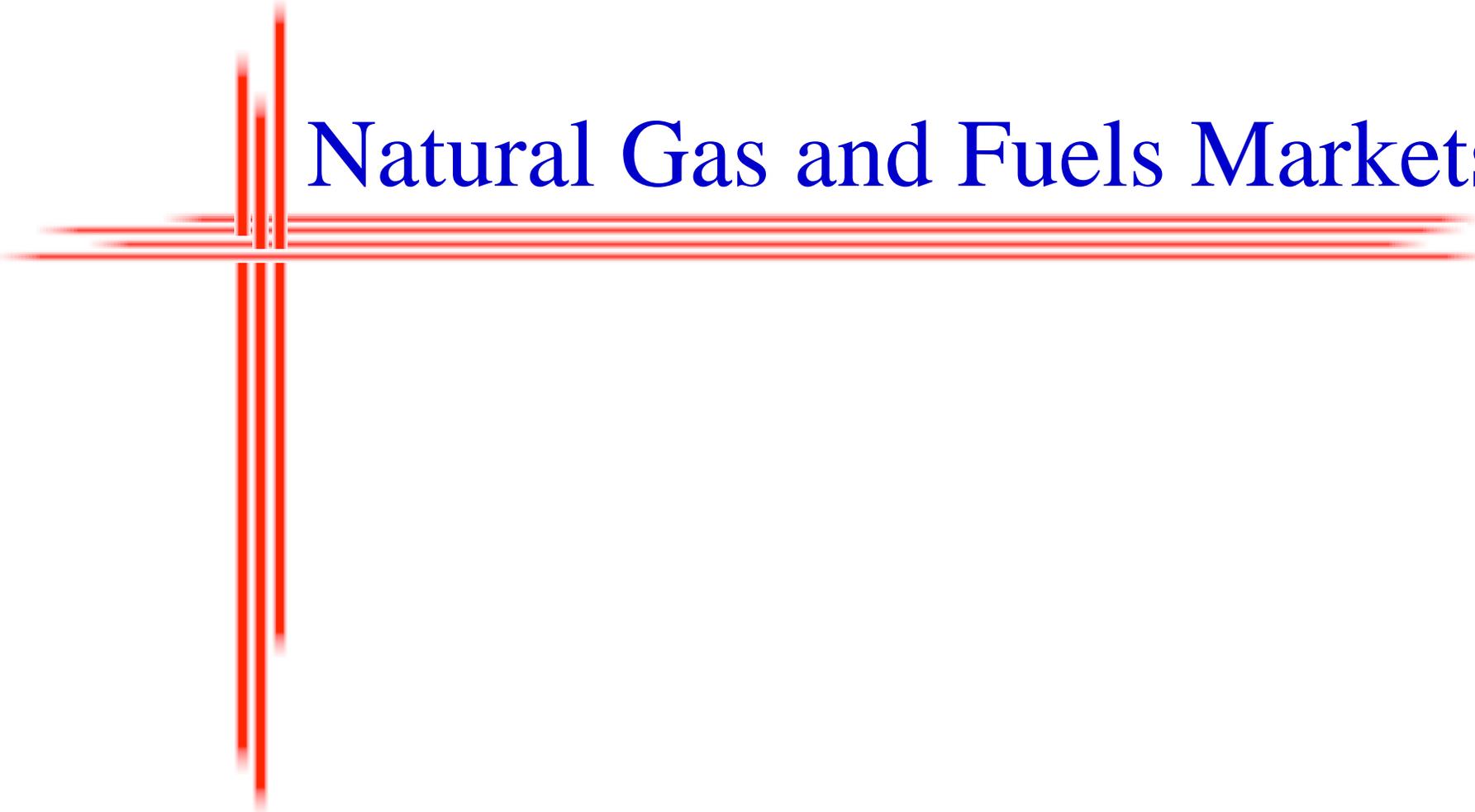
- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu>



Released Thursday, March 8, 2012
Michael Brewer, National Climatic Data Center, NOAA

A decorative graphic consisting of several thick, parallel red lines. Two lines are vertical, intersecting three horizontal lines. The lines have a slight blur or glow effect.

Natural Gas and Fuels Markets

Southeast Natural Gas Market: Yearly Hub Prices

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight**Southeast Annual Average Spot Hub Prices**

Annual Average Day Ahead Prices (\$/MMBtu)						
	2007	2008	2009	2010	2011	5-Year Avg
Henry Hub	\$6.94	\$8.85	\$3.92	\$4.37	\$3.99	\$5.61
Florida Gas Zone 3	\$7.32	\$9.13	\$3.98	\$4.42	\$4.05	\$5.78
Transco Station 65	\$7.05	\$8.92	\$3.96	\$4.38	\$3.98	\$5.66
Transco Zone 4	\$7.17	\$8.98	\$3.98	\$4.39	\$4.00	\$5.70
Transco Zone 5	\$7.41	\$9.46	\$4.33	\$5.04	\$4.52	\$6.15
Tetco M1	\$7.07	\$8.98	\$3.98	\$4.40	\$3.98	\$5.68

Southeast Natural Gas Market: Spot Prices and Basis

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Southeastern Day-Ahead Hub Spot Prices and Basis



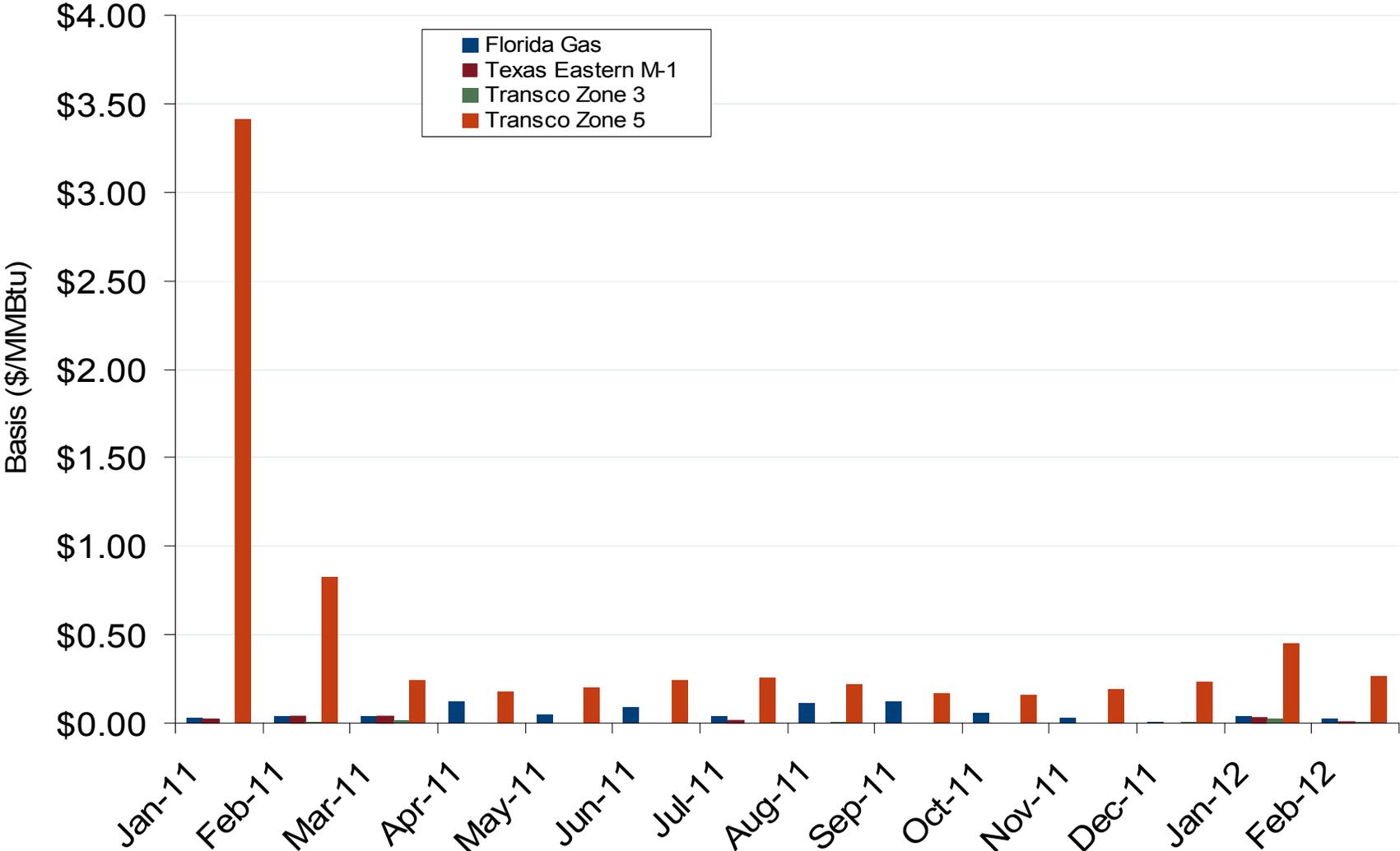
Source: Derived from Platts data
March 2012 Southeast Snapshot

Updated: March 05, 2012

Southeast Natural Gas Market: Average Basis to Henry Hub

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Southeastern Monthly Average Basis Value to Henry Hub



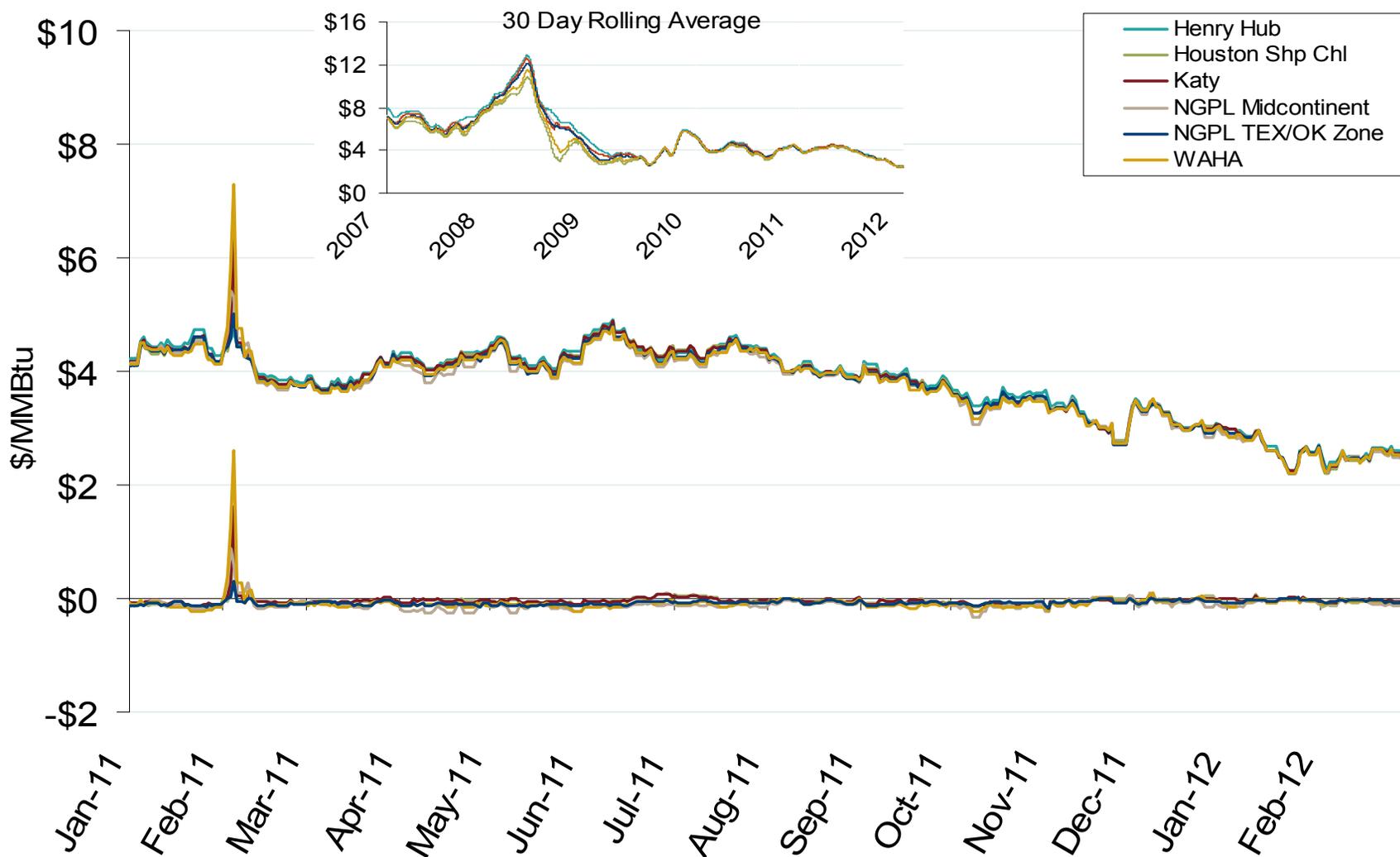
Source: Derived from *Platts* data
March 2012 Southeast Snapshot

Updated: March 05, 2012

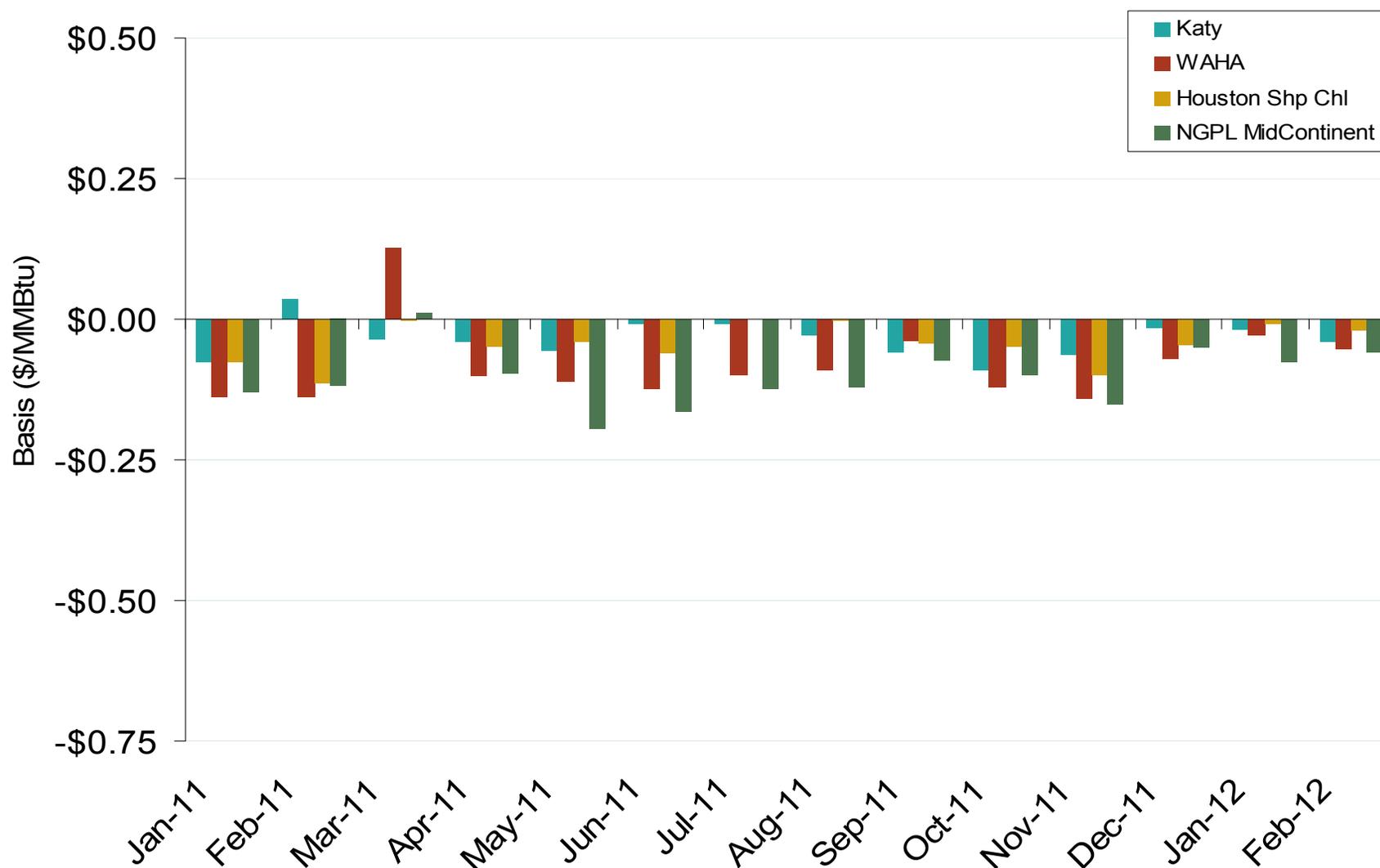
South Central Natural Gas Market: Spot Prices and Basis

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

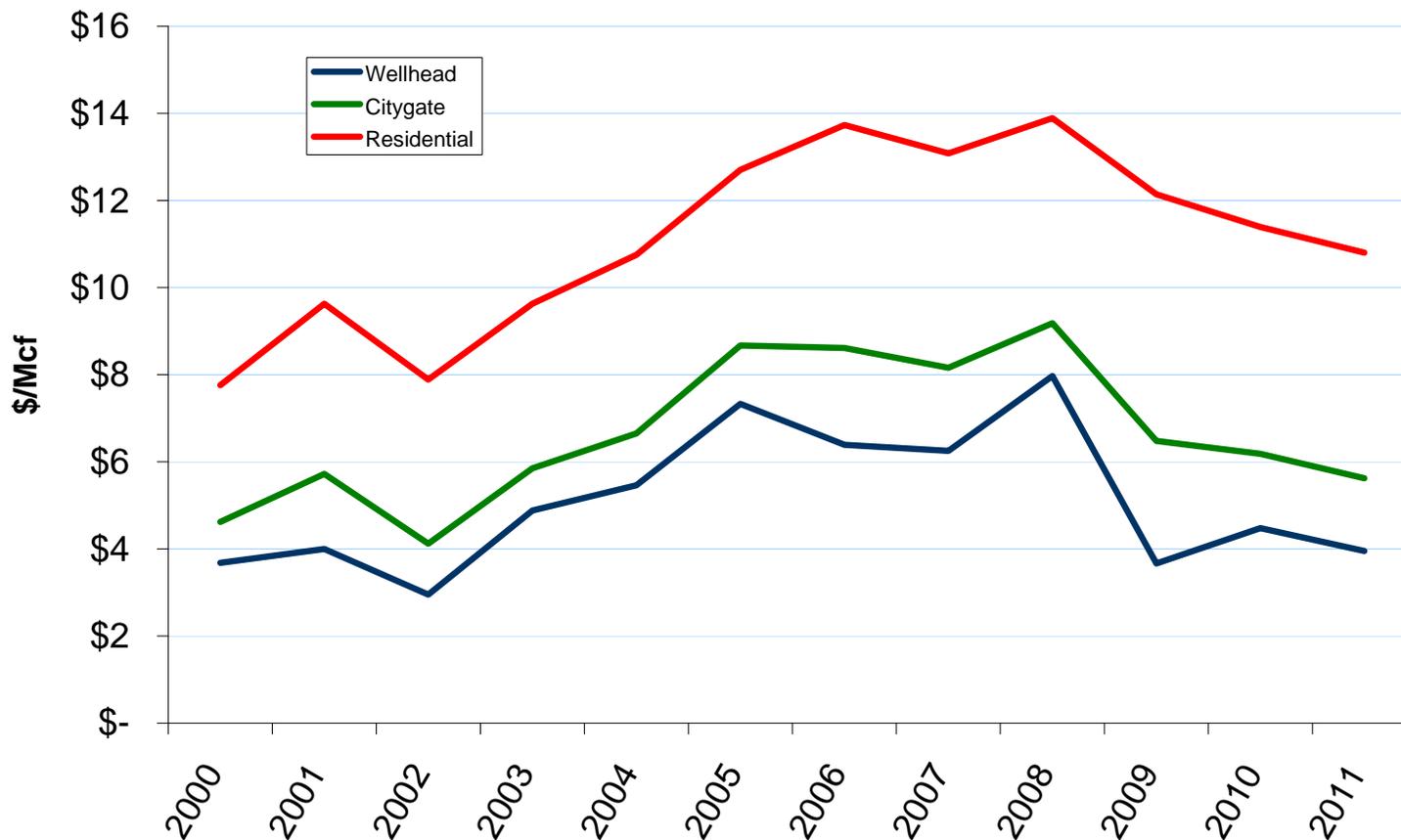
Gulf Day-Ahead Hub Spot Prices and Basis



Gulf Natural Gas Market: Average Basis to Henry Hub

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight**Gulf Monthly Average Basis Value to Henry Hub**

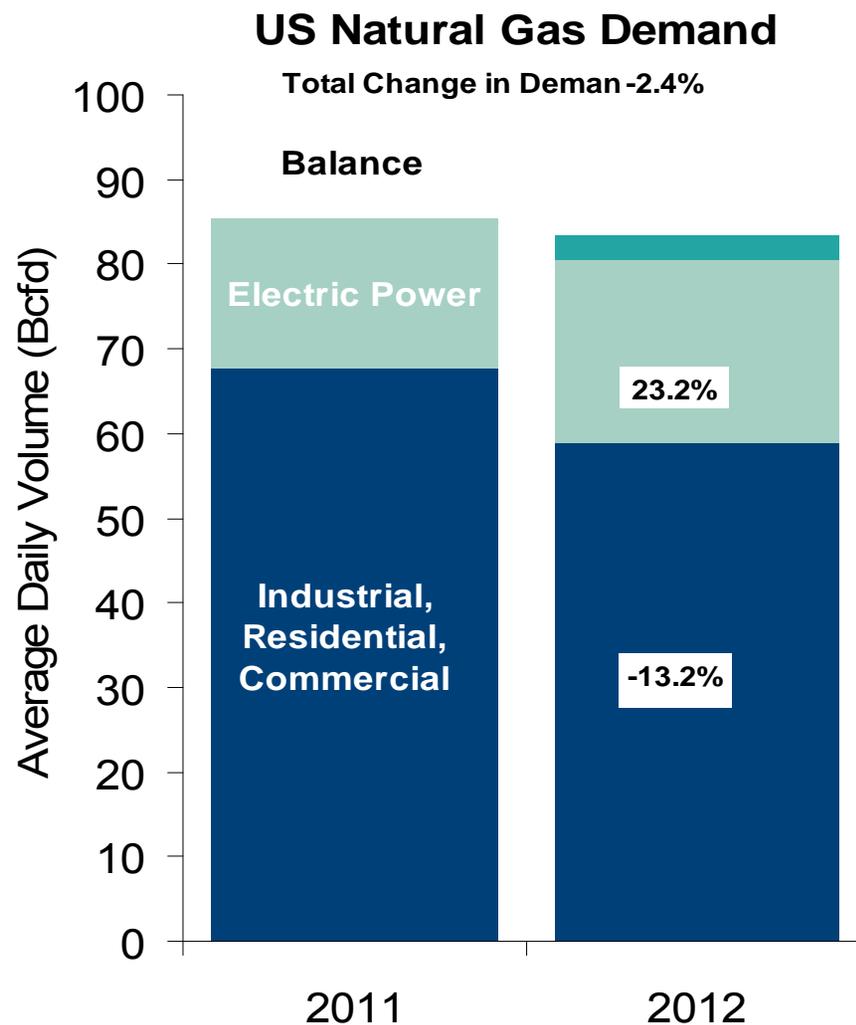
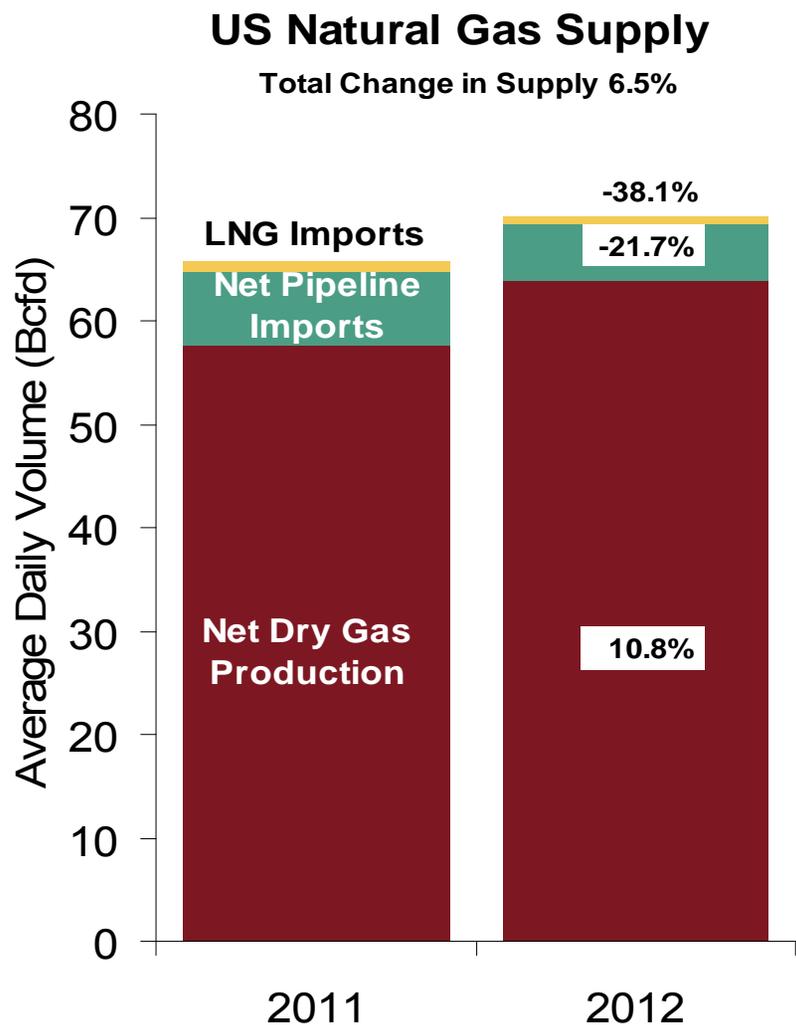
Residential Gas Price Trends Lag Behind Wholesale Prices



Source: Baker Derived from EIA

Updated March 2, 2012

U.S. NG Supply and Demand 2011 vs. 2012: January - February



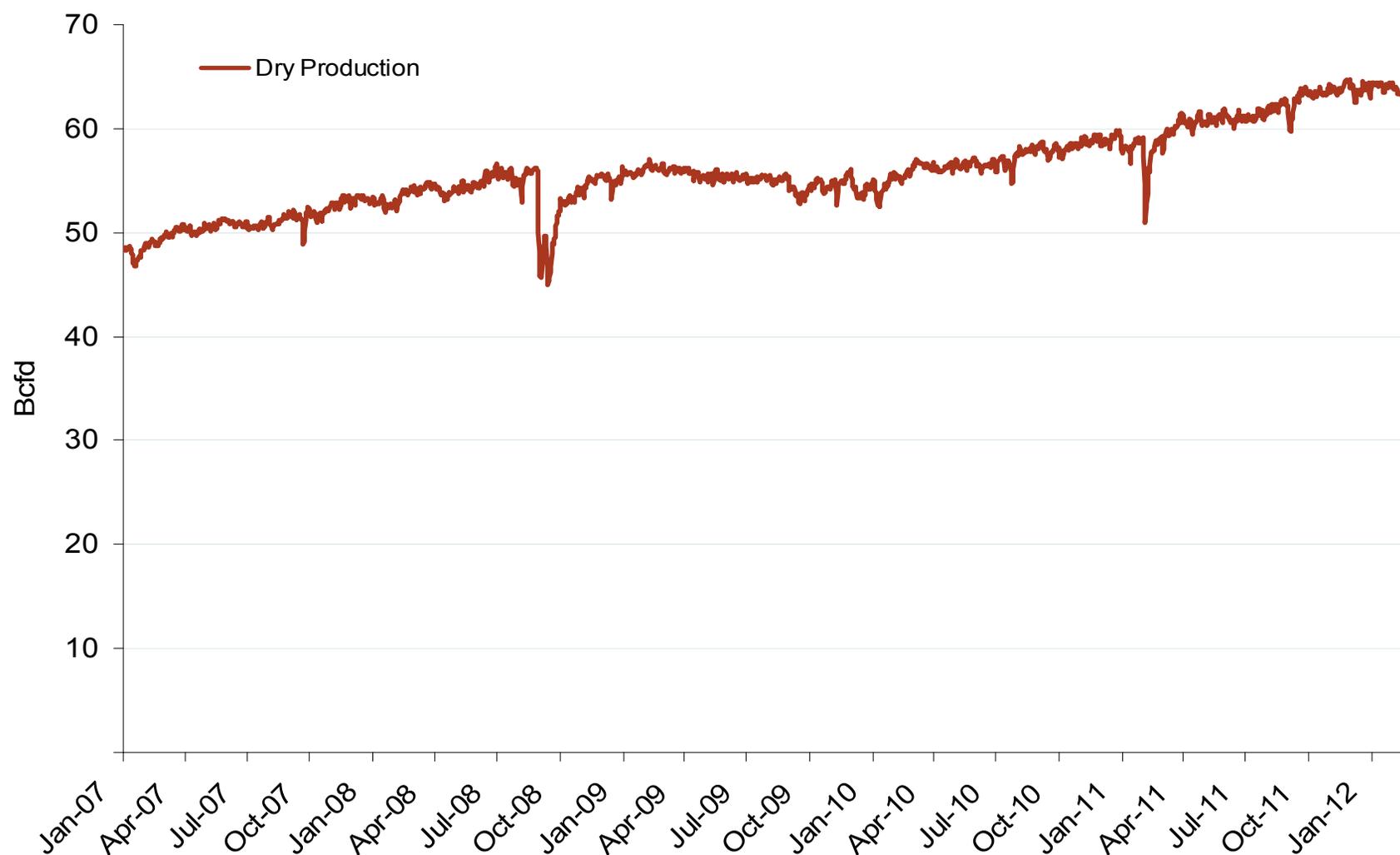
Note: Balance includes all amounts not attributable to other categories.

Source: Derived from *Bentek Energy* data

March 2012 Southeast Snapshot

Updated: March 09, 2012

Natural Gas Markets: Monthly U.S. Dry Gas Production

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight**Monthly U.S. Dry Gas Production – Lower 48 States**

Note: Prior to July 2010, chart was derived from a combination of *EIA* and *Bentek Energy* data

Source: Derived from *Bentek Energy* data

March 2012 Southeast Snapshot

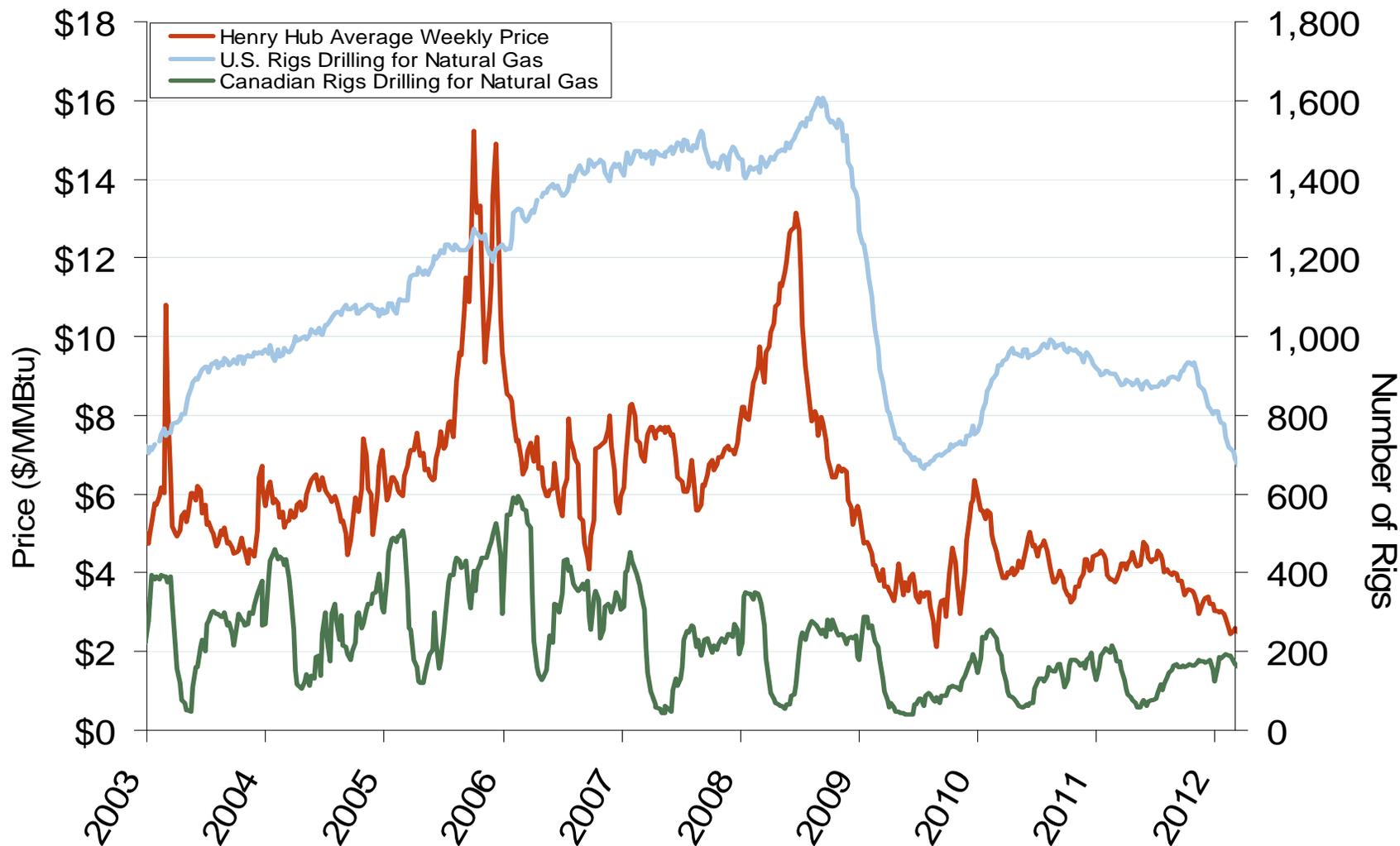
Updated: March 09, 2012

20021

Natural Gas Market Overview: Drilling Rig Count

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

U.S. and Canadian NG Drilling Rig Count and Daily Spot Prices



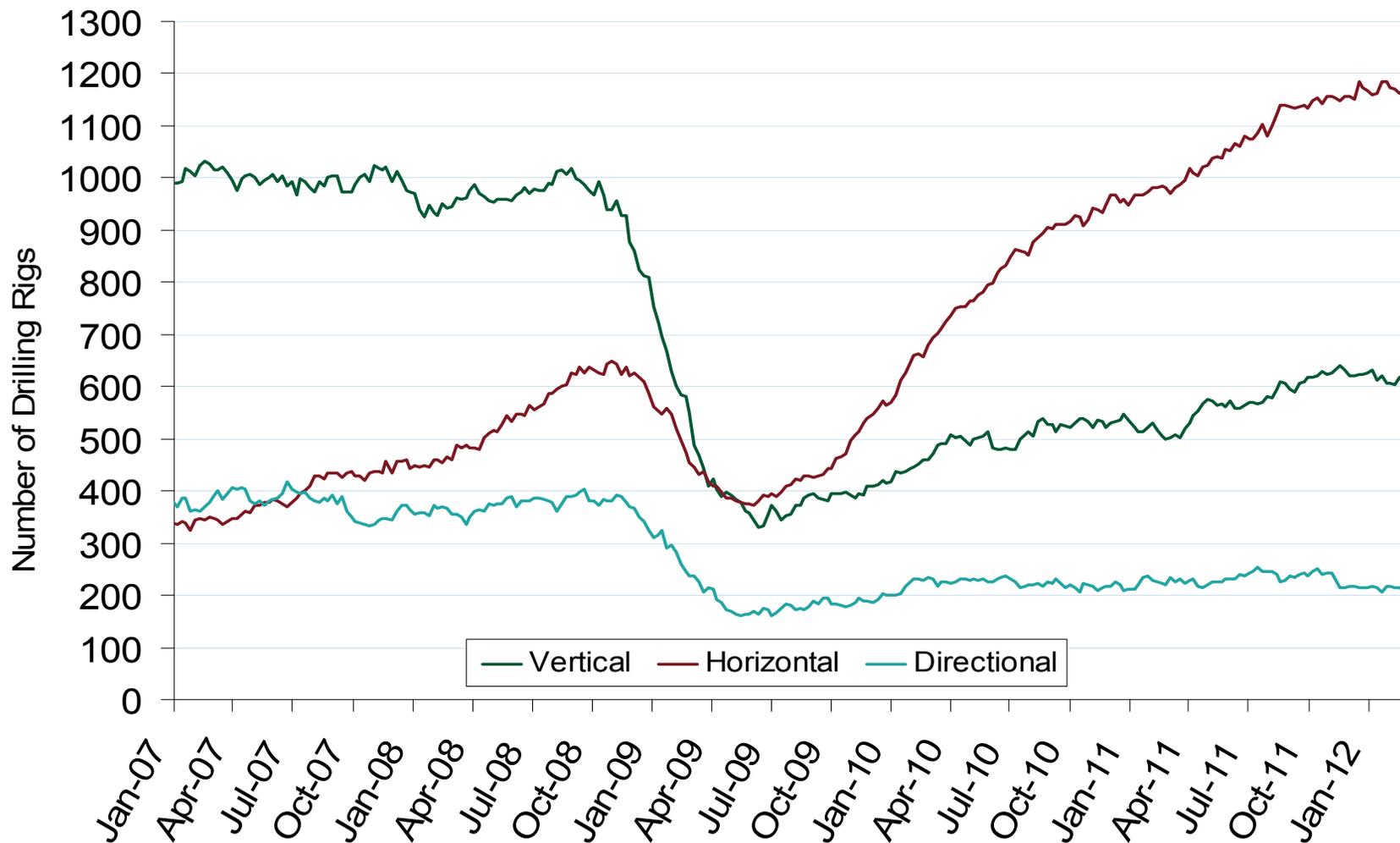
Source: Derived from *Platts* and *Baker Hughes* data
 March 2012 Southeast Snapshot

Updated: March 8, 2012

Natural Gas Market Overview: Drilling Rig Count by Type

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

U.S. Oil and Natural Gas Drilling Rig Count by Type



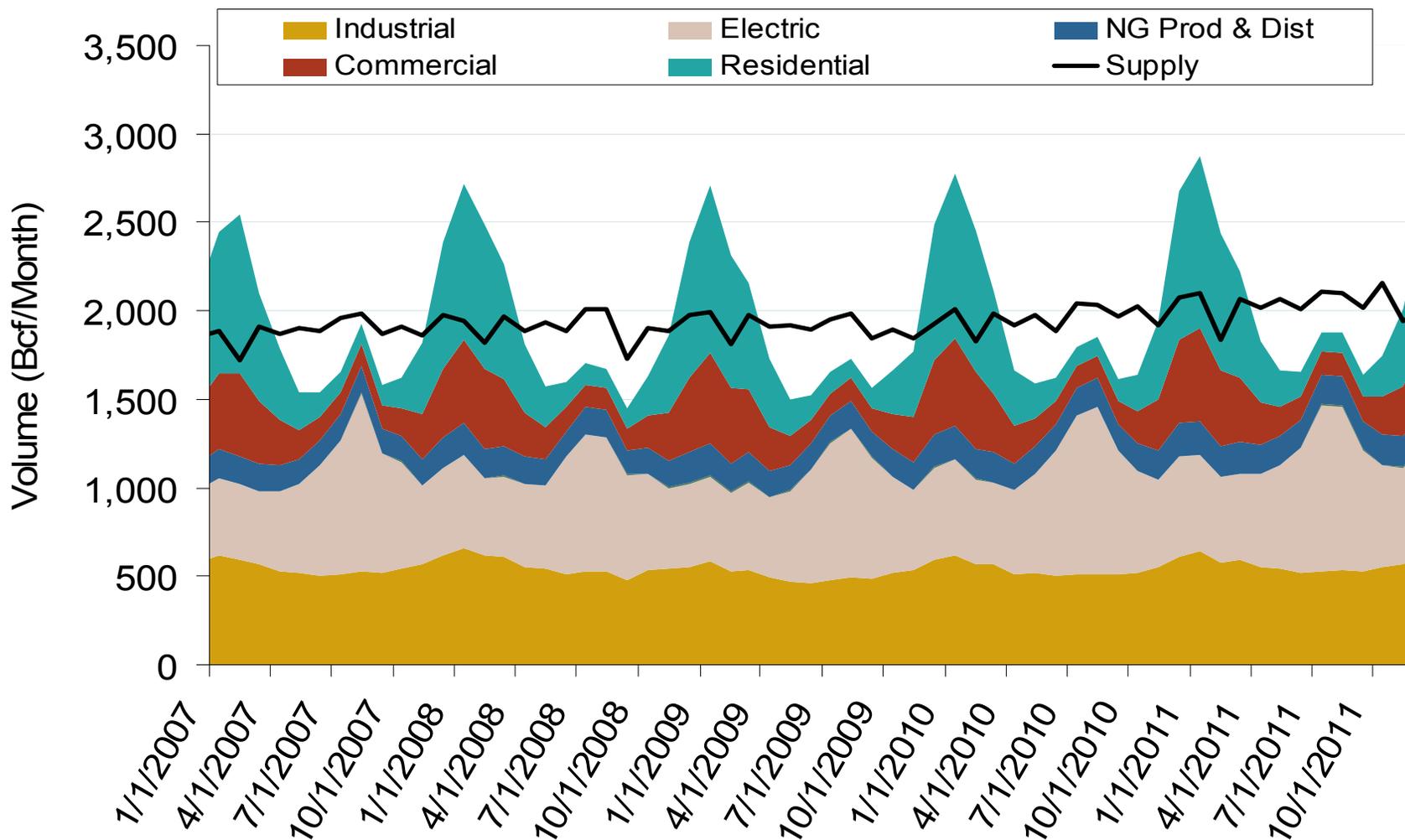
Source: Derived from *Platts* and *Baker Hughes* data
 March 2012 Southeast Snapshot

Updated: March 06, 2012

Natural Gas market Overview: Consumption by Sector

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Annual U.S. Natural Gas Consumption by Sector



Notes: Supply includes lower 48 state production, net pipeline imports, and LNG imports

Source: Derived from EIA data

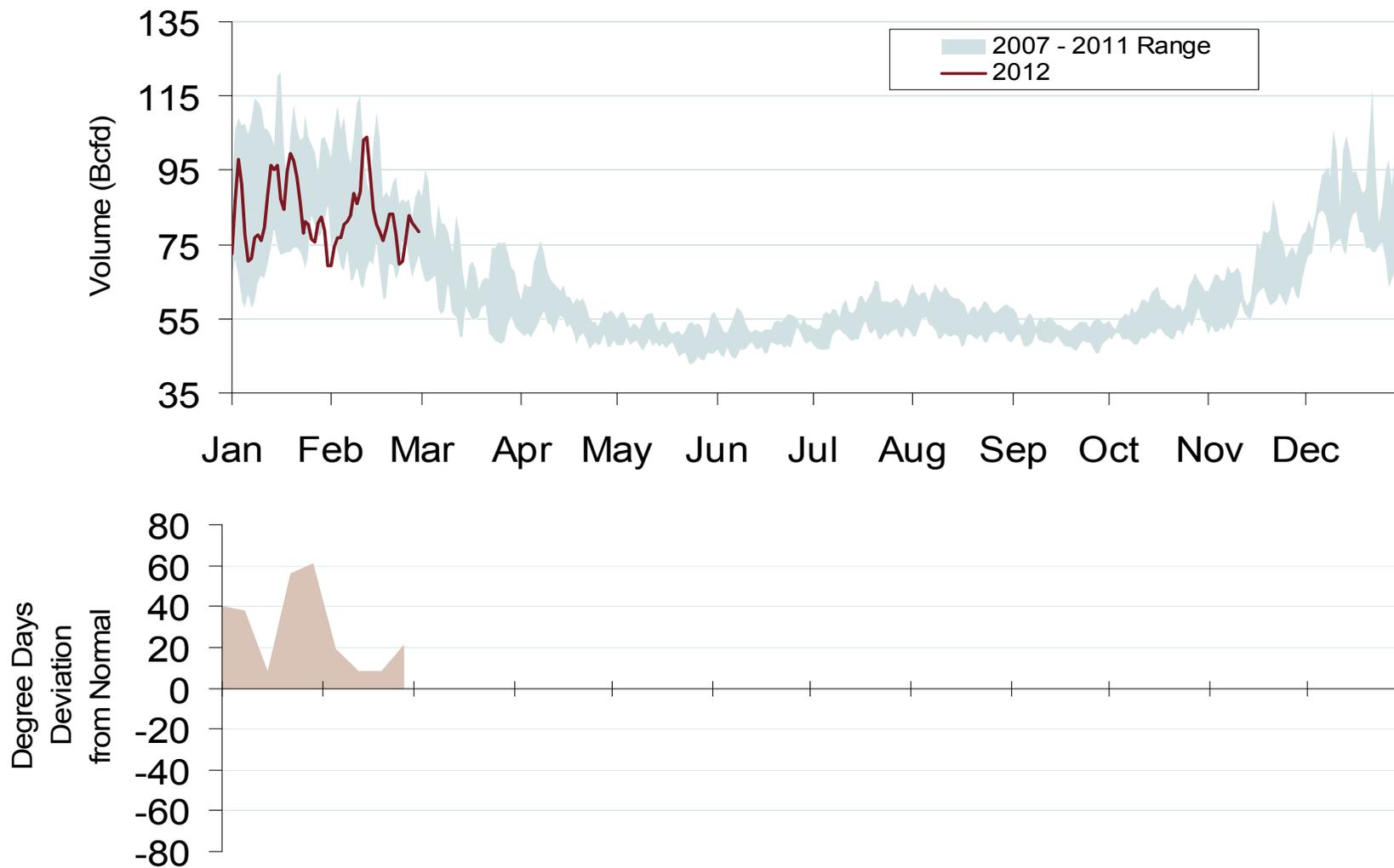
March 2012 Southeast Snapshot

Updated: March 06, 2012

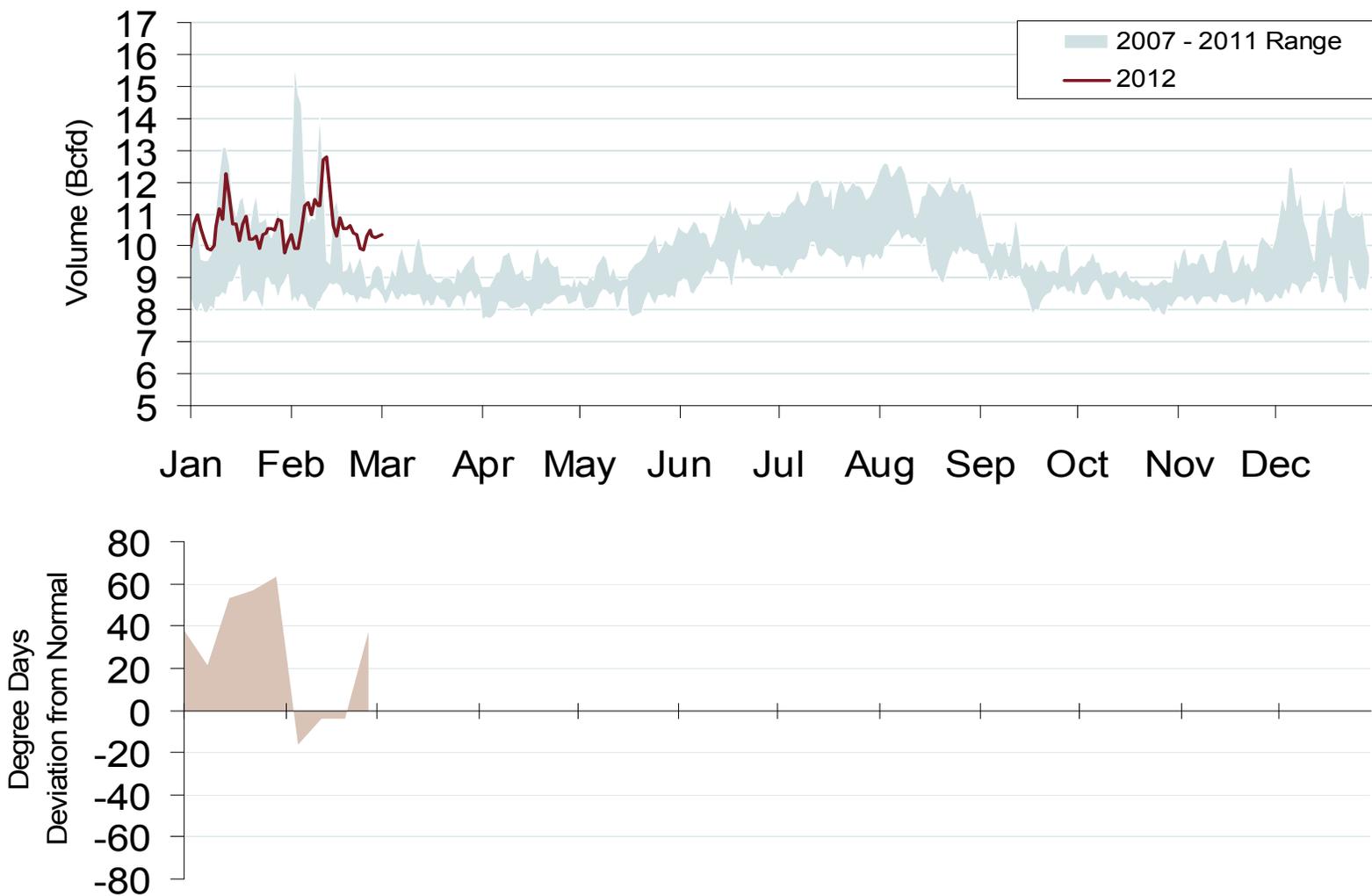
Natural Gas Market Overview: Total US Gas Demand

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Total U.S. Natural Gas Demand (All Sectors) and Temperatures



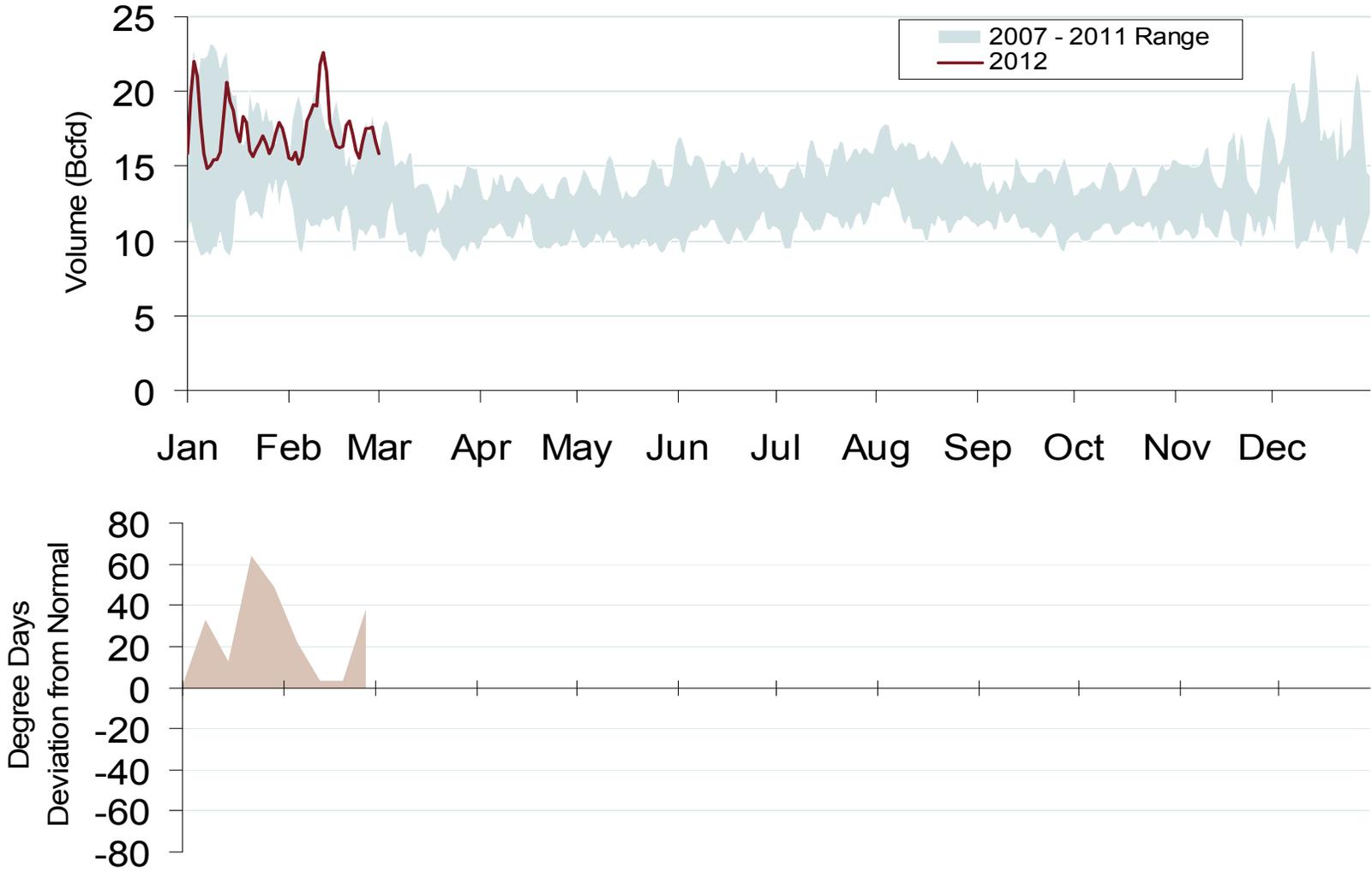
Daily Gulf Natural Gas Demand - All Sectors



Southeast Natural Gas Market: Daily Demand

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Daily Southeast Natural Gas Demand - All Sectors



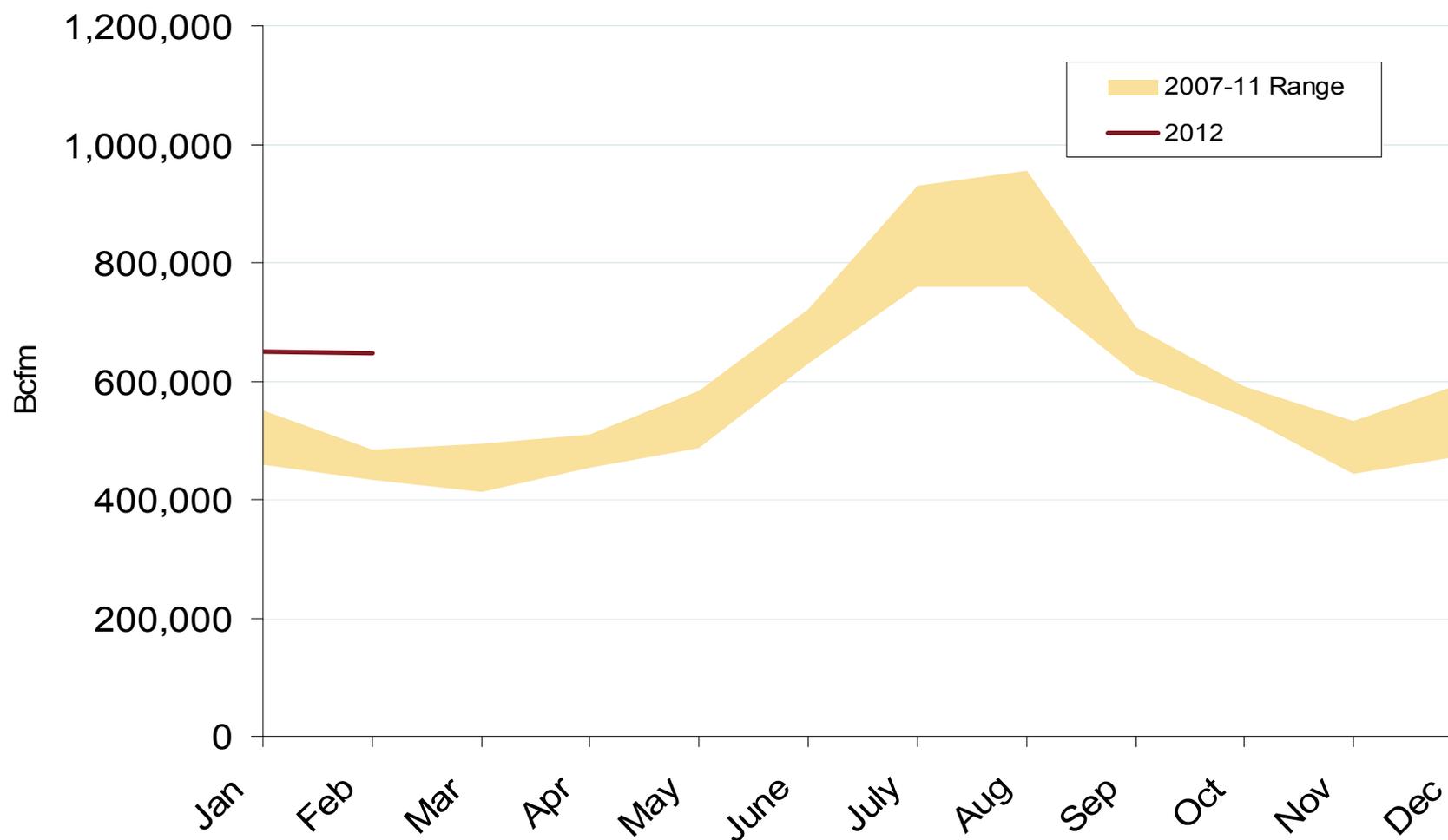
Source: Derived from *Bentek Energy* and Weekly NOAA data
March 2012 Southeast Snapshot

Updated: March 09, 2012

Natural Gas Market Overview: NG Consumption for Power Generation

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

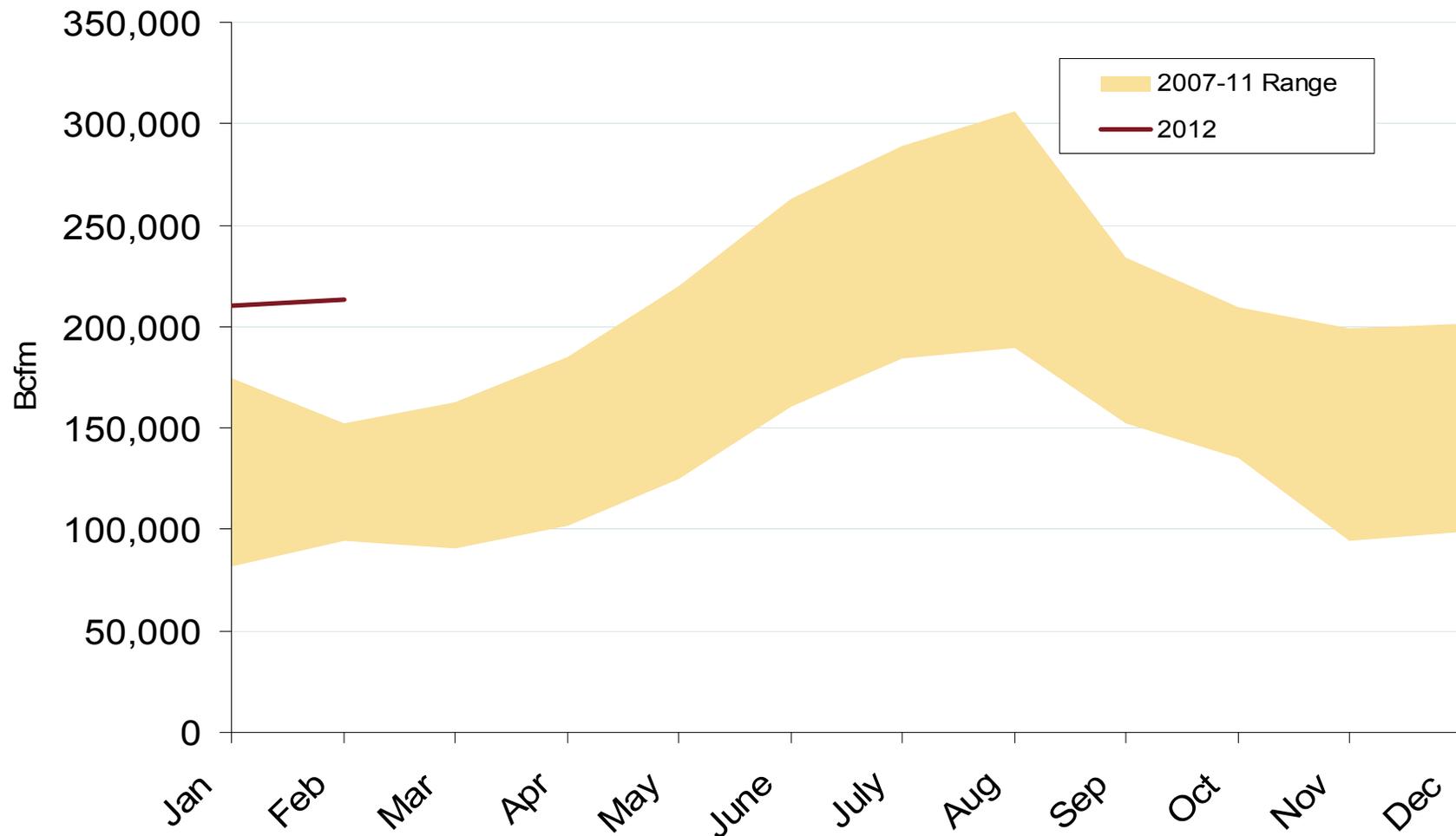
U.S. Natural Gas Consumption for Power Generation



Southeast Natural Gas Market: NG Consumption for Power Generation

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

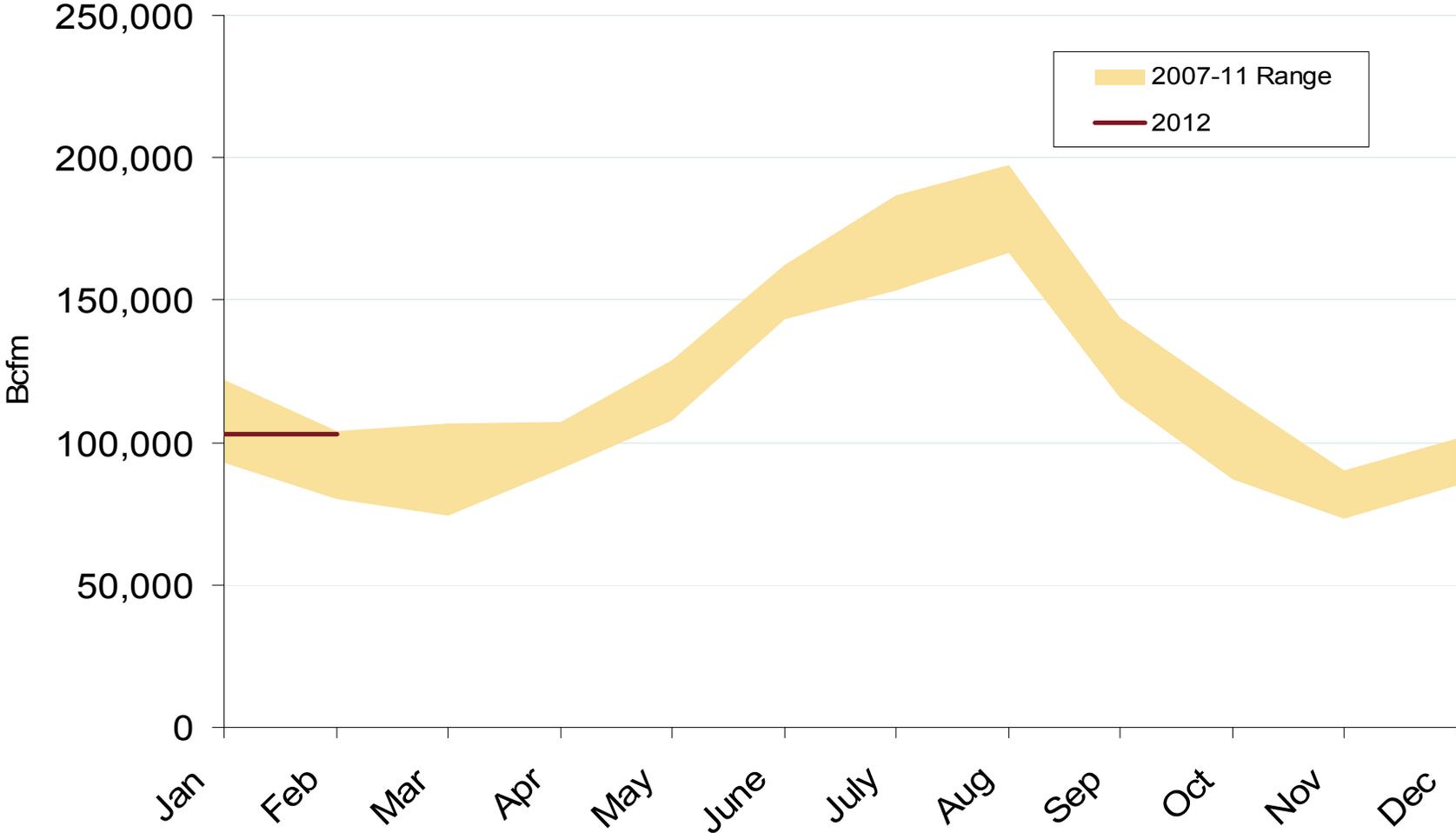
Southeast Natural Gas Consumption for Power Generation



Source: Derived from *Bentek Energy* data
 March 2012 Southeast Snapshot

Updated: March 12, 2012

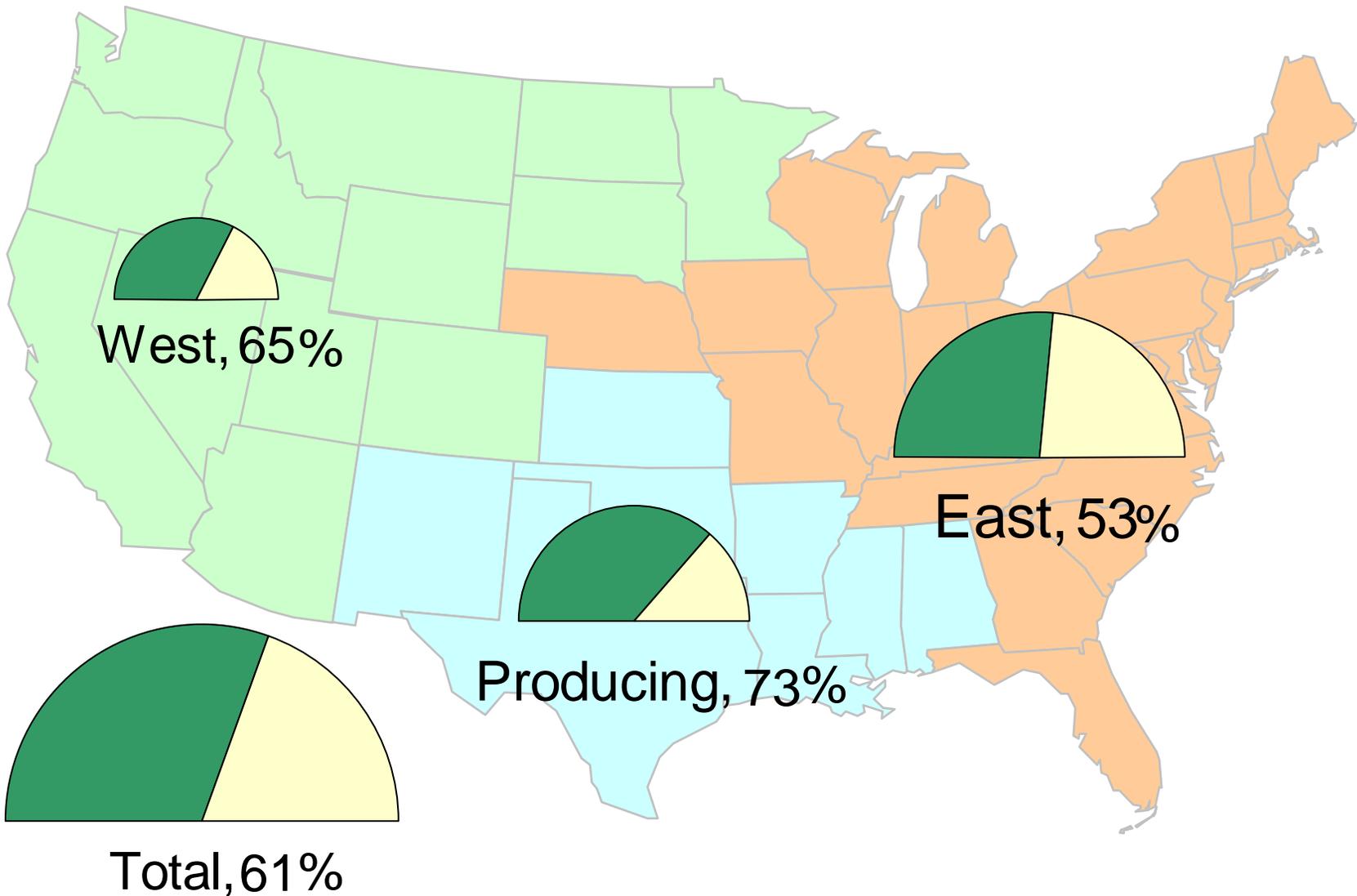
Gulf Natural Gas Consumption for Power Generation



Source: Derived from *Bentek Energy* data
March 2012 Southeast Snapshot

Updated: March 12, 2012

Natural Gas Storage Inventories – March 2, 2012



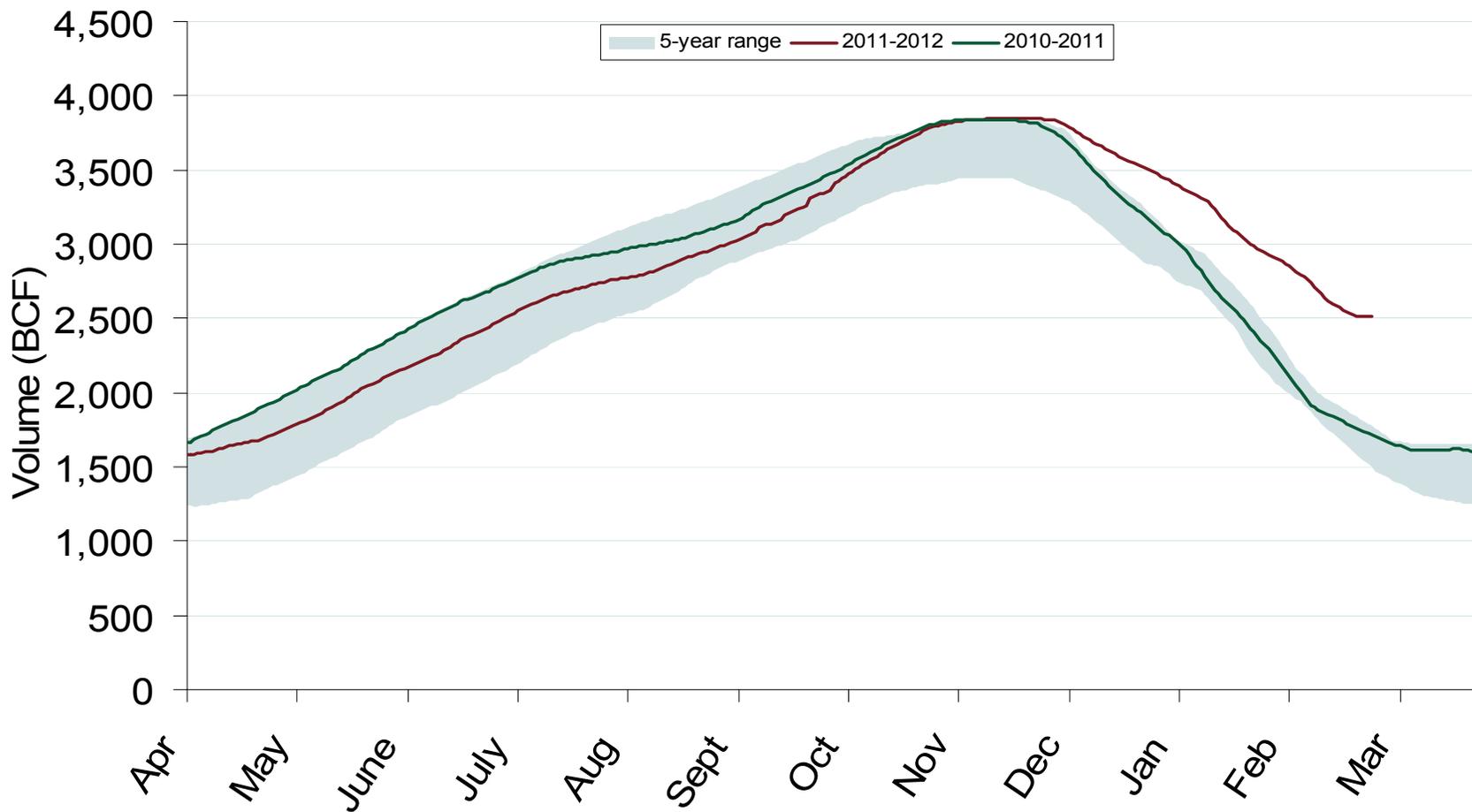
Source: Derived from EIA Storage and Estimated Working Gas Capacity data

March 2012 Southeast Snapshot

Updated: March 6, 2012

20022

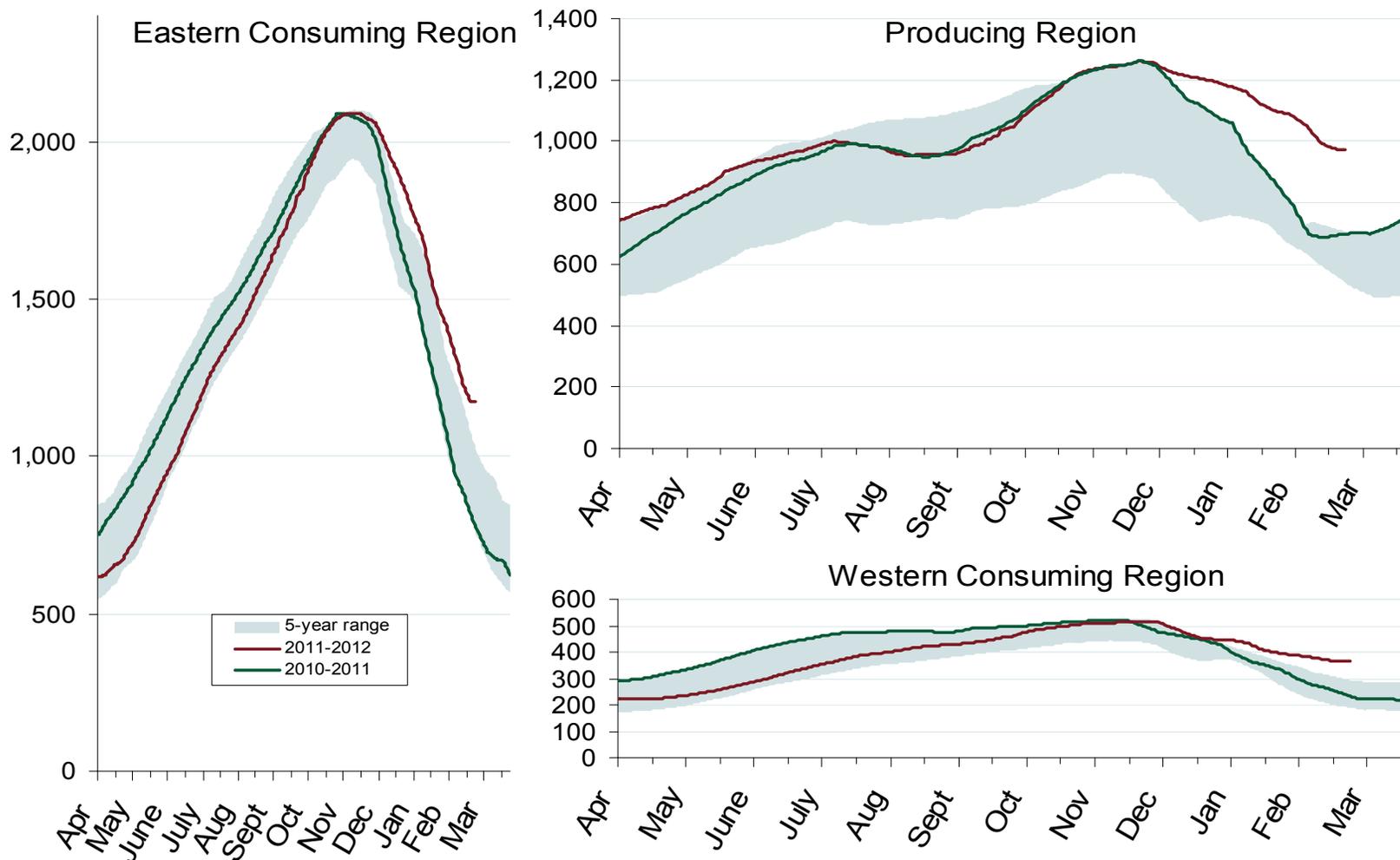
Total U.S. Working Gas in Storage



Natural Gas Market Overview: Regional Storage

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Regional Totals of Working Gas in Storage



Source: Derived from EIA data
 March 2012 Southeast Snapshot

Updated: March 08, 2012

Natural Gas Overview: World LNG Prices

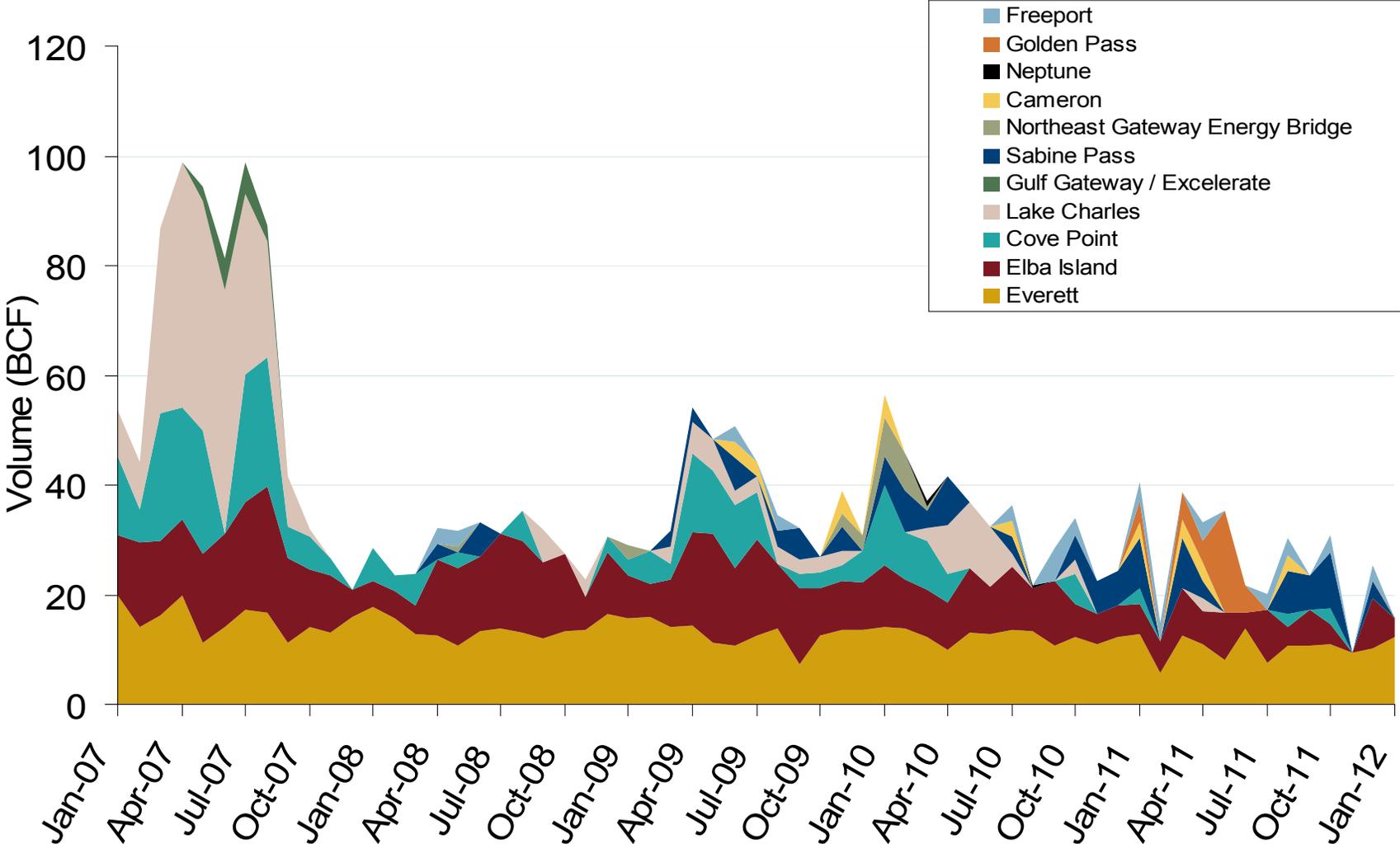
Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight**World LNG Estimated April 2012 Landed Prices**Source: *Waterborne Energy, Inc.* Data in \$US/MMBtu

March 2012 Southeast Snapshot

Updated: March 6, 2012

3024

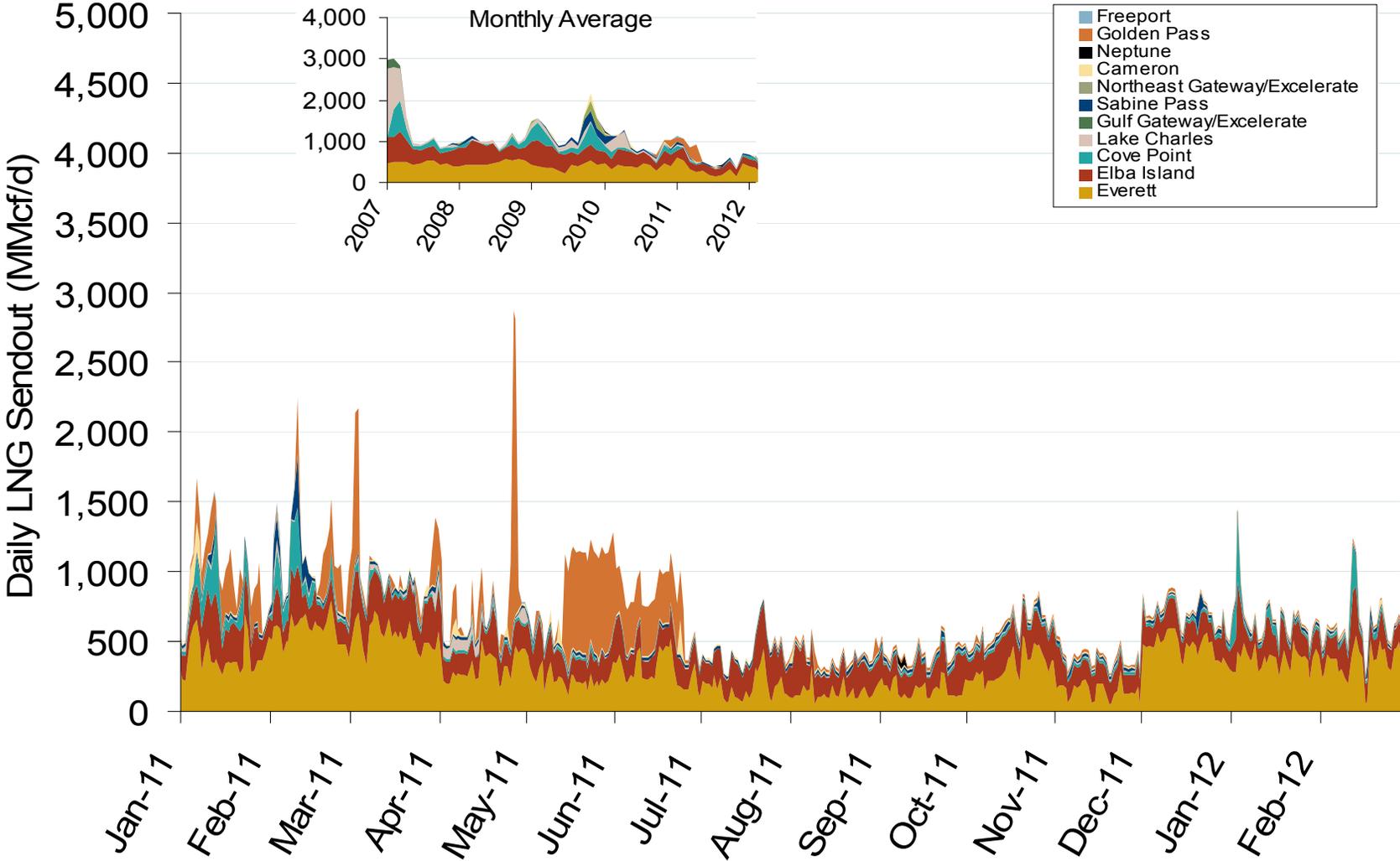
Monthly Gas Imports at Existing U.S. LNG Facilities



Source: Derived from DOE Office of Fossil Energy data
March 2012 Southeast Snapshot

Updated: March 06, 2012

Daily Gas Sendout from Existing U.S. LNG Facilities



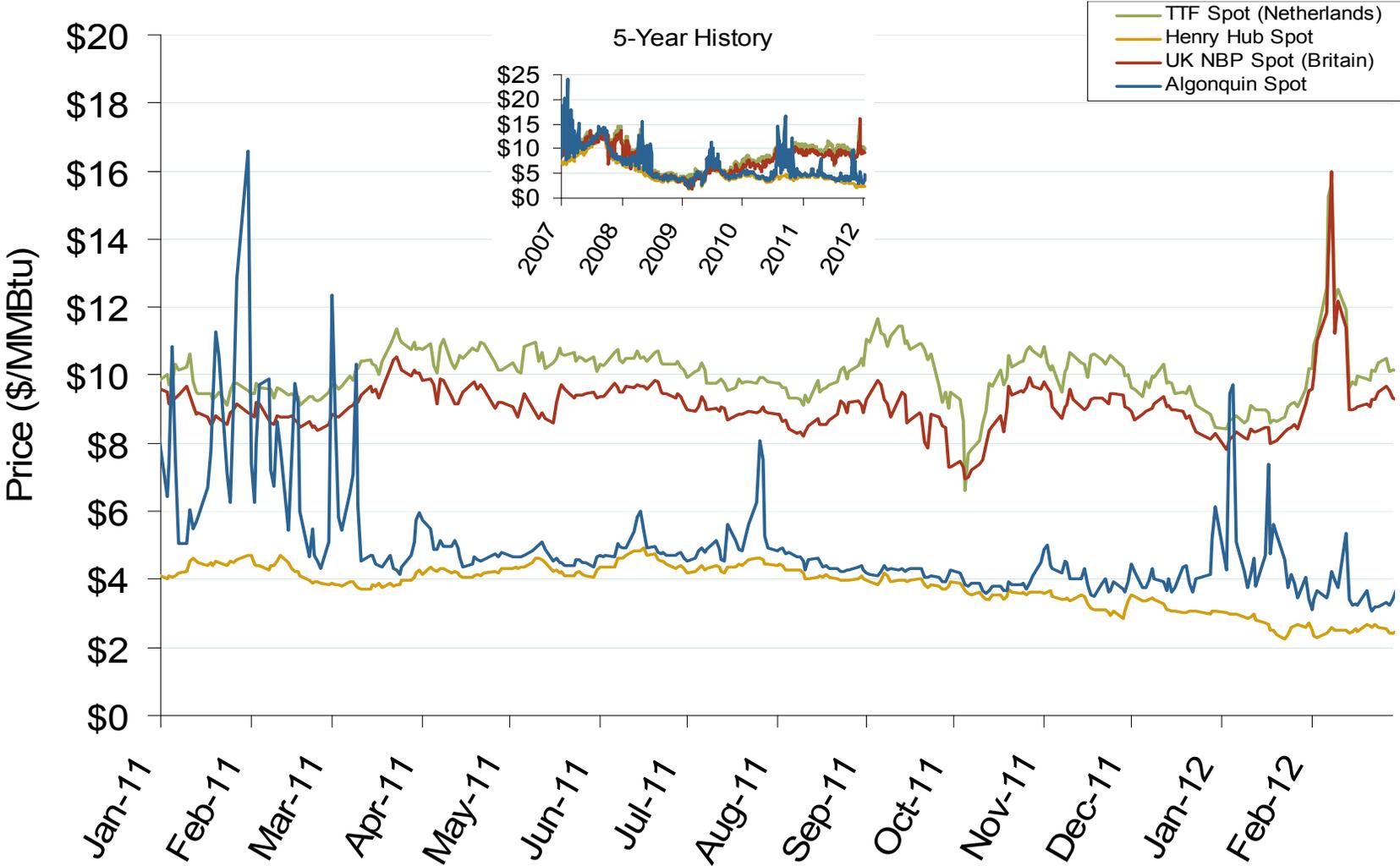
Notes: Everett data includes flows onto the AGT and TGP interstate lines, plus estimates of flows to the Mystic 7 power plant, Keyspan Boston Gas, and LNG trucked out of the terminal. Excludes Freeport LNG which flows via intrastate pipelines

Source: Derived from Bentek Energy data

March 2012 Southeast Snapshot

Updated: March 09, 2012

Atlantic Basin European and US Spot Natural Gas Prices



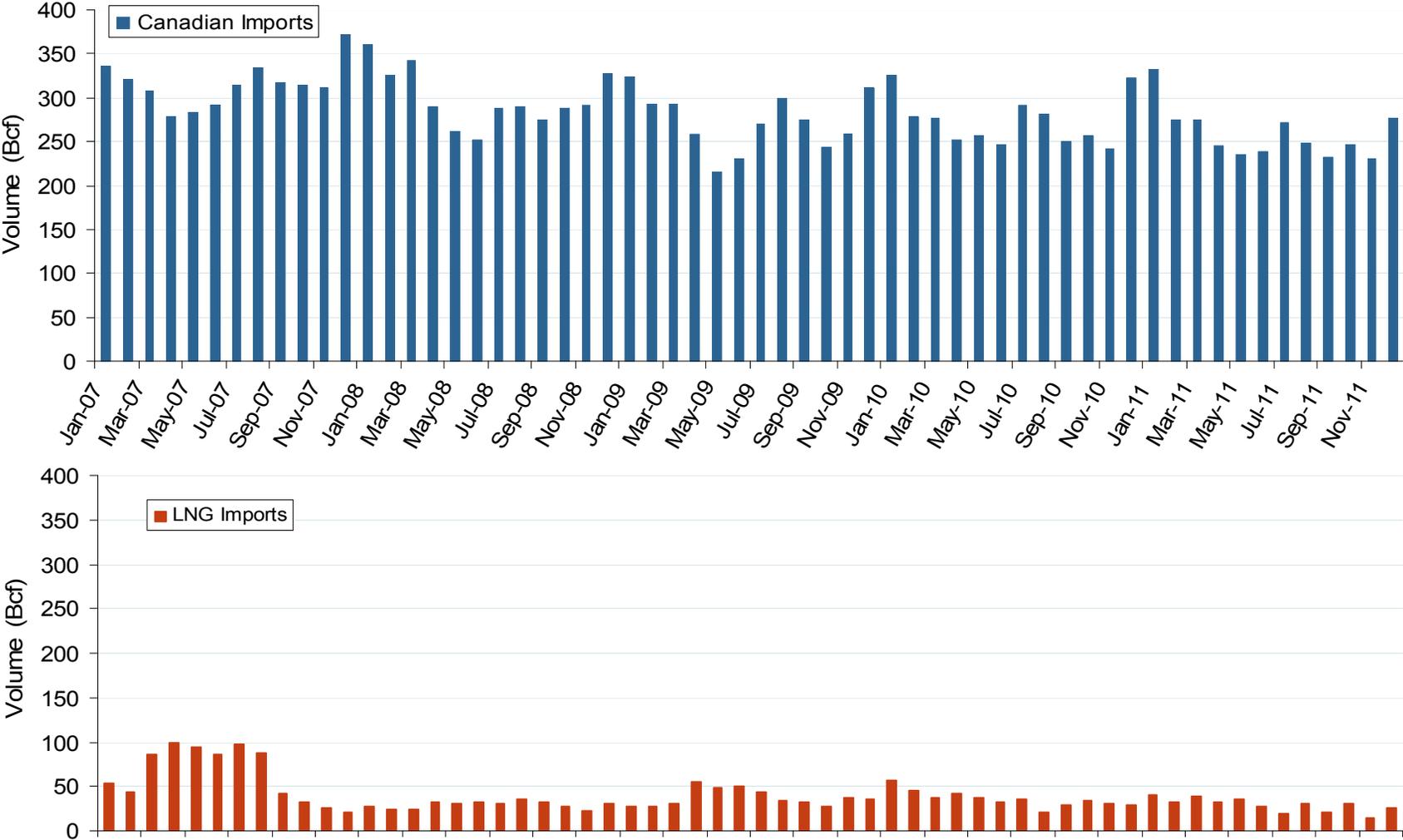
Source: Derived from *Bloomberg* and *ICE* data
March 2012 Southeast Snapshot

Updated: March 06, 2012

Natural Gas Overview: Natural Gas Imports

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Canadian and LNG Natural Gas Imports Into the U.S.



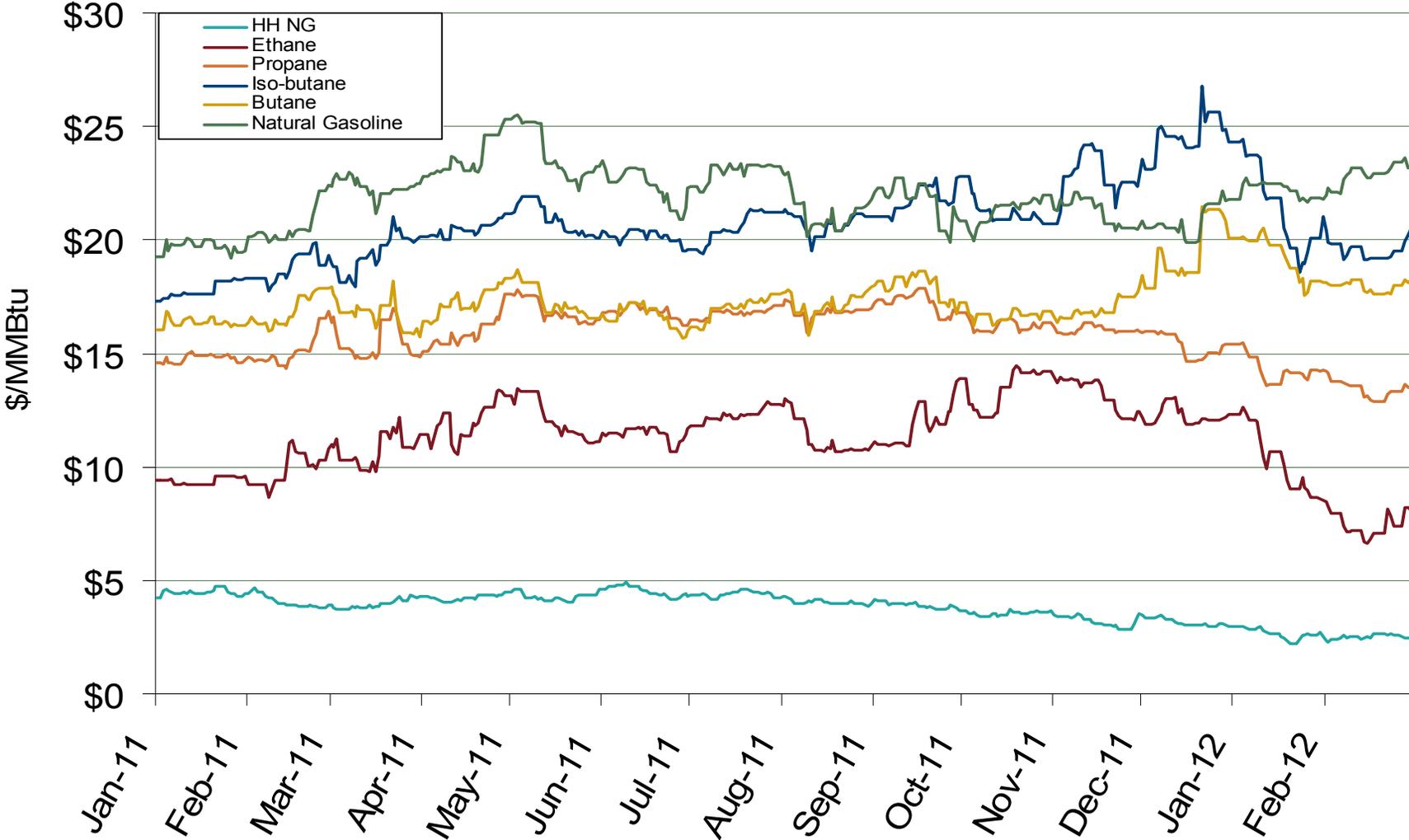
Source: EIA Natural Gas Monthly
March 2012 Southeast Snapshot

Updated: March 06, 2012

Natural Gas Market Overview: NGL Prices

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

U.S. Natural Gas vs. Natural Gas Liquids (NGL) Prices



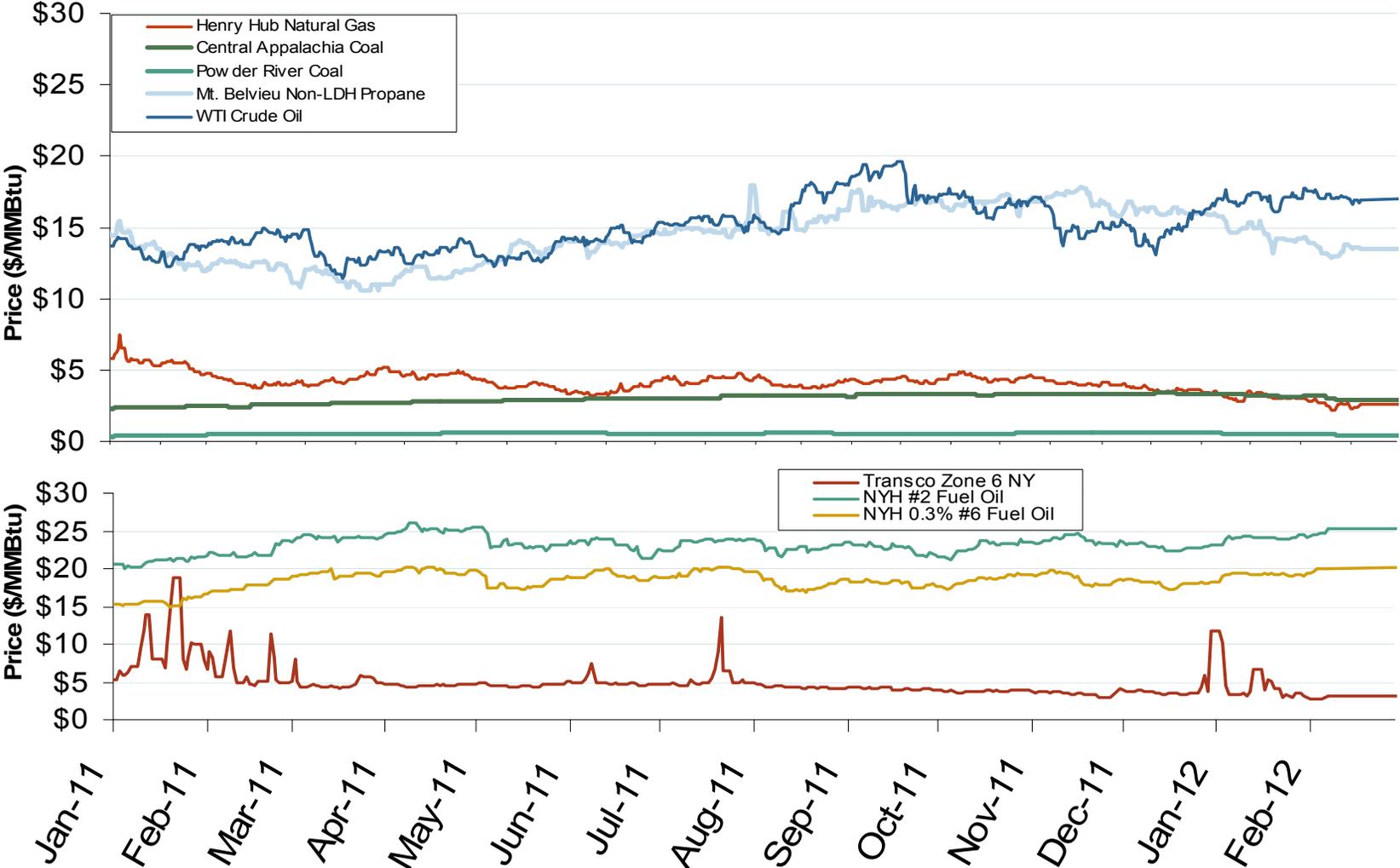
Source: Derived from Bloomberg Data
March 2012 Southeast Snapshot

Updated: March 06, 2012

Other Fuels Market: Fossil Fuel Prices

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Oil, Coal, Natural Gas and Propane Daily Spot Prices



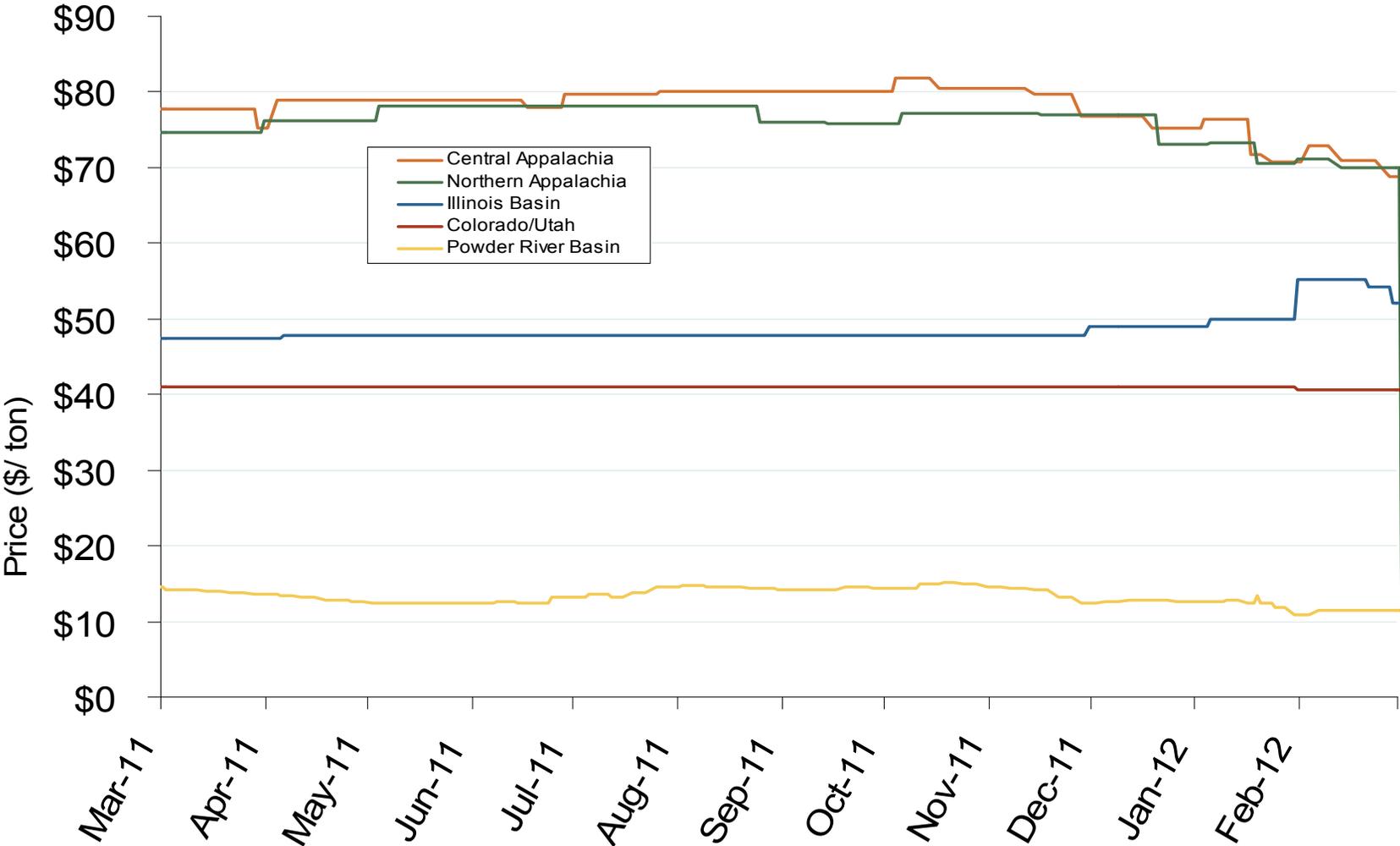
Notes: Coal prices are quoted in \$/ton. Conversion factors to \$/MMBtu are based on contract specifications of 12,000 btus/pound for Central Appalachian coal and 8800 btus/pound for Powder River Basin coal

Source: Derived from ICE and Bloomberg data

National Electric Market Overview: Coal Prices

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Central Appalachian and Powder River Basin Coal Prices



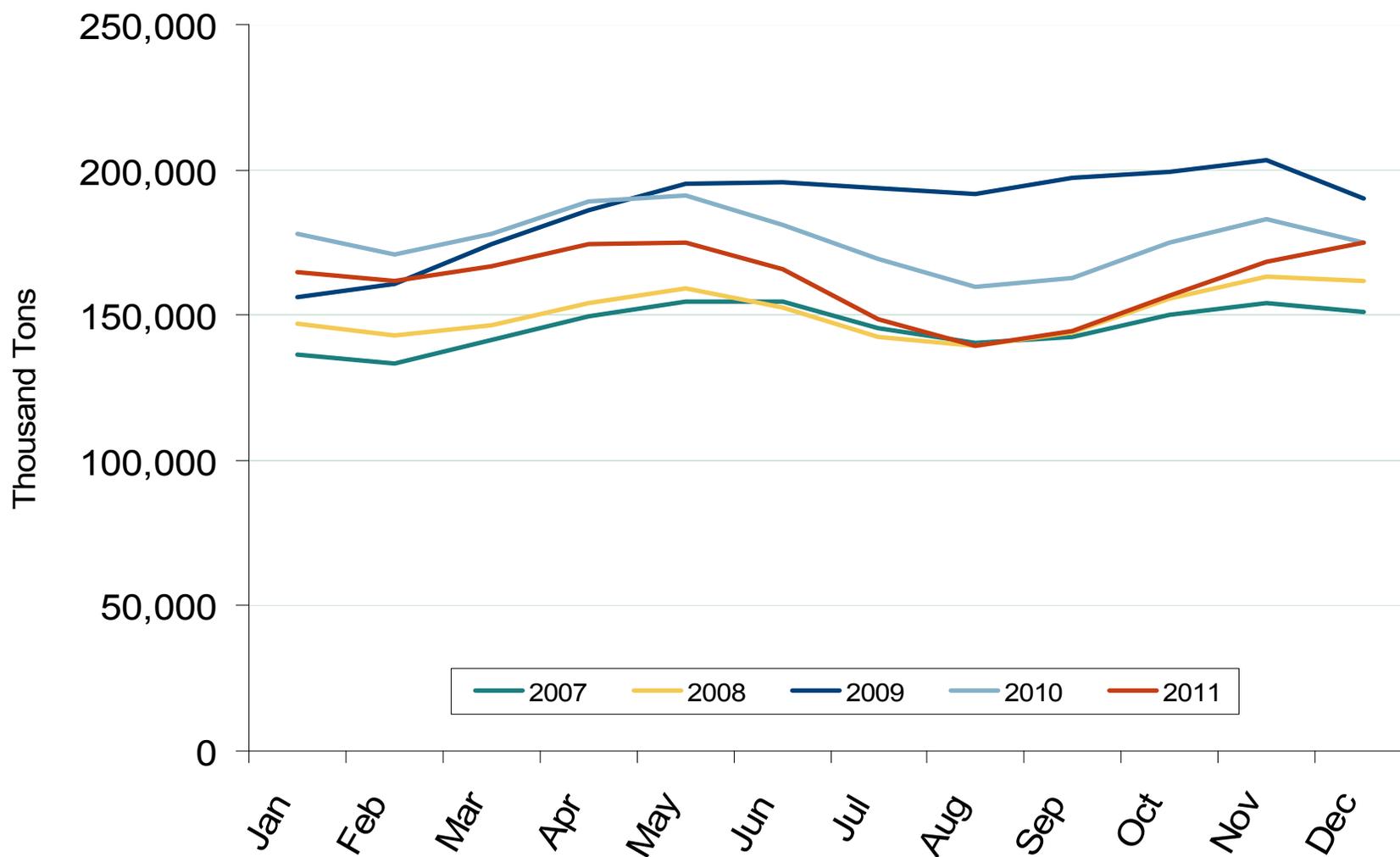
Notes: The Central Appalachian (CAPP) coal is priced at Big Sandy. All others are mine mouth prices. Prices do not include transportation costs to a plant, as those can vary widely by contract specifications. Prices exclude incremental cost of emissions allowances

Source: Derived from Bloomberg data

March 2012 Southeast Snapshot

Updated: March 06, 2012

Other Fuels Market: U.S. Coal Stockpiles

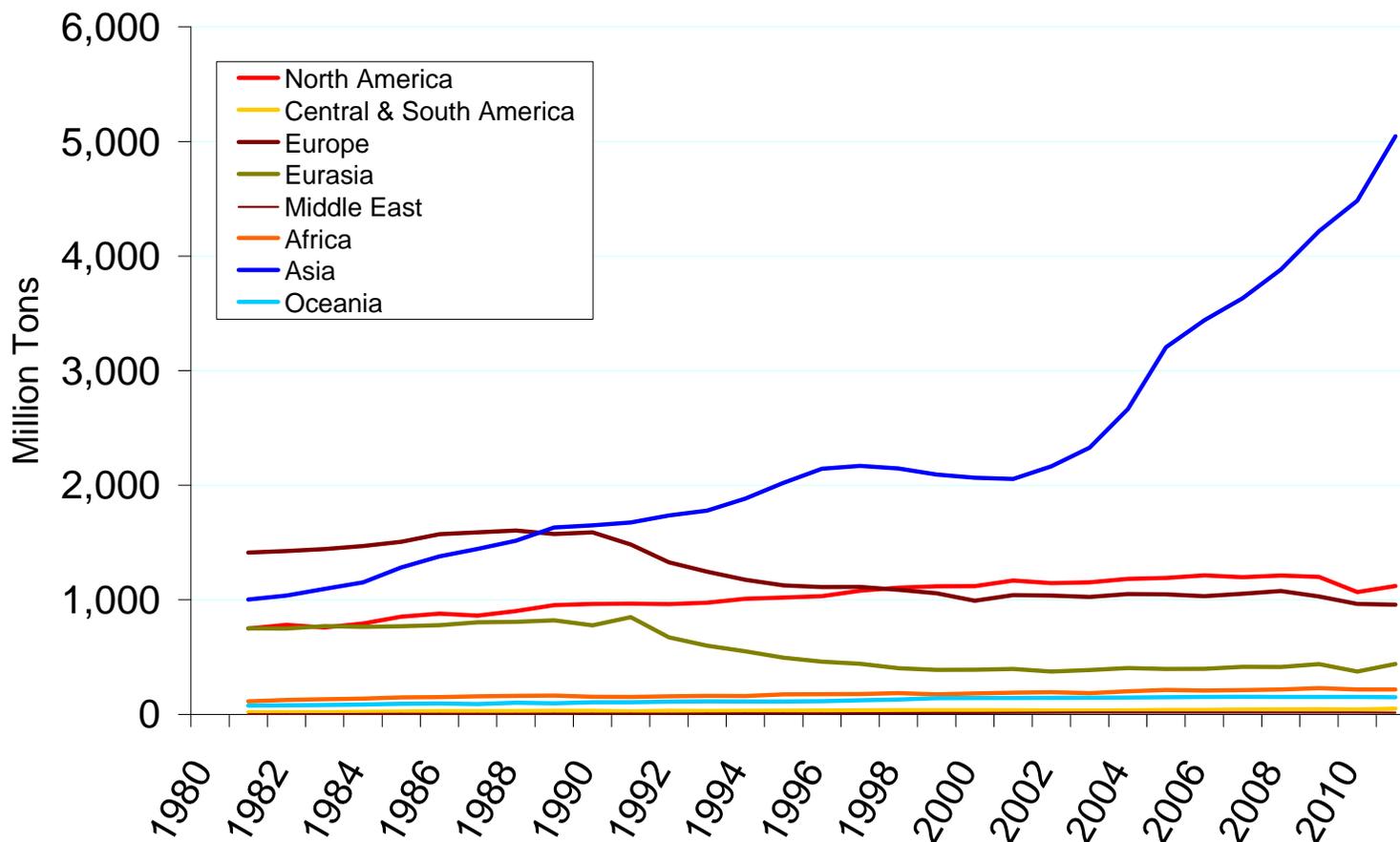
Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight**U.S. Coal Stockpiles at Electric Power Generating Facilities**

Source: Derived from EIA data. Excludes Industrial and Commercial Plants
 March 2012 Southeast Snapshot

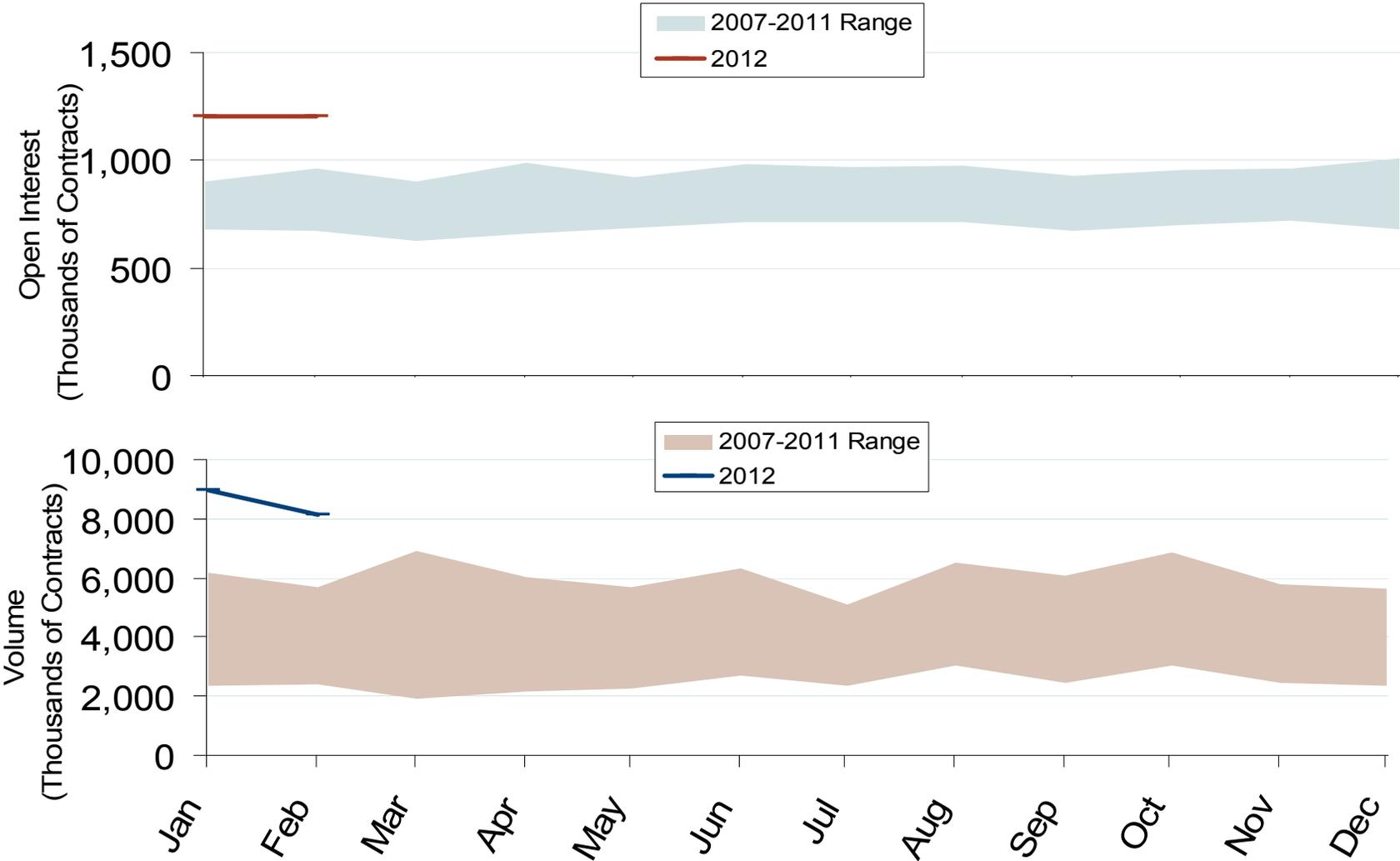
Updated: March 06, 2012

31000

U.S. Coal Producers Find Markets Abroad



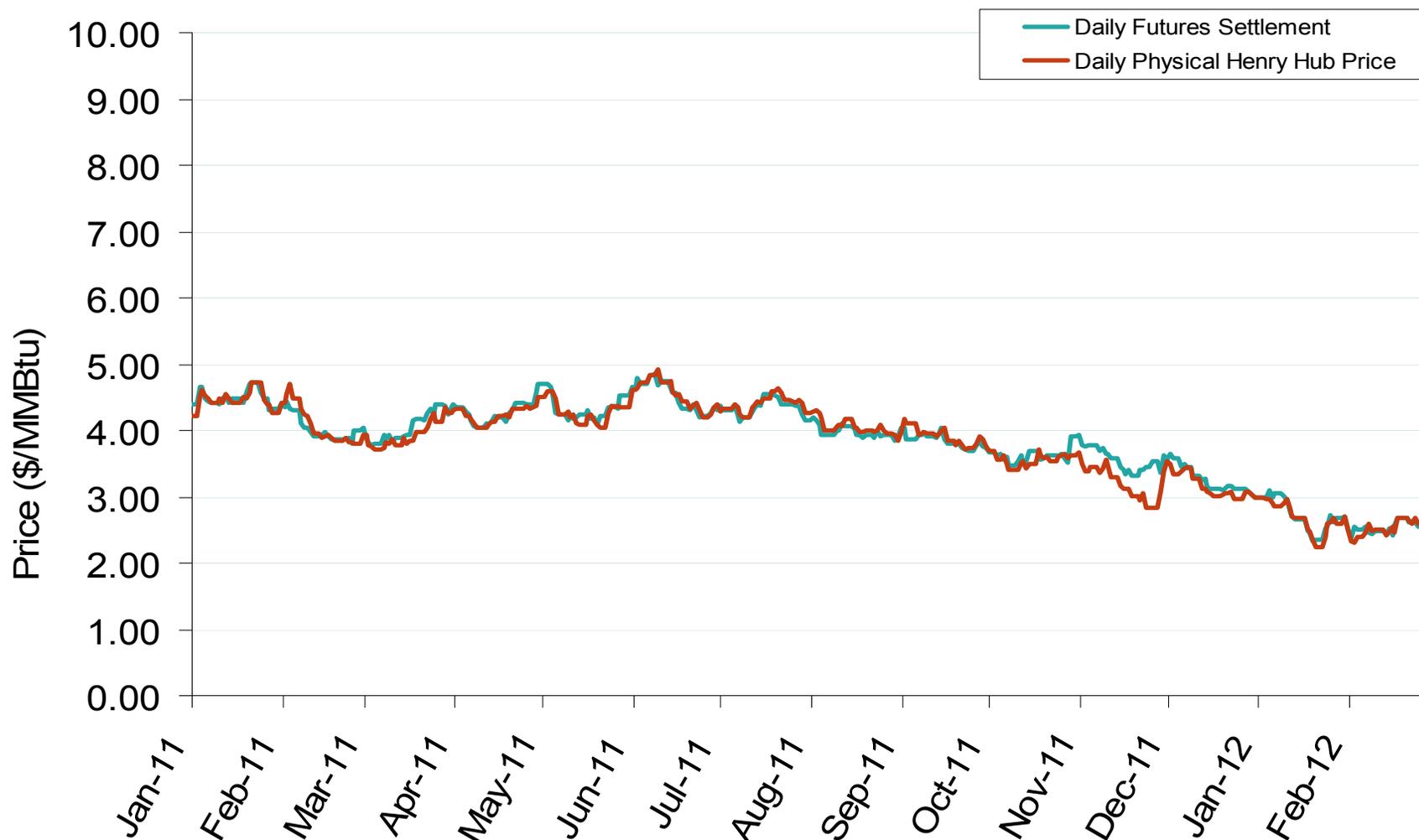
Nymex NG Futures Month-End Open Interest and Monthly Volume



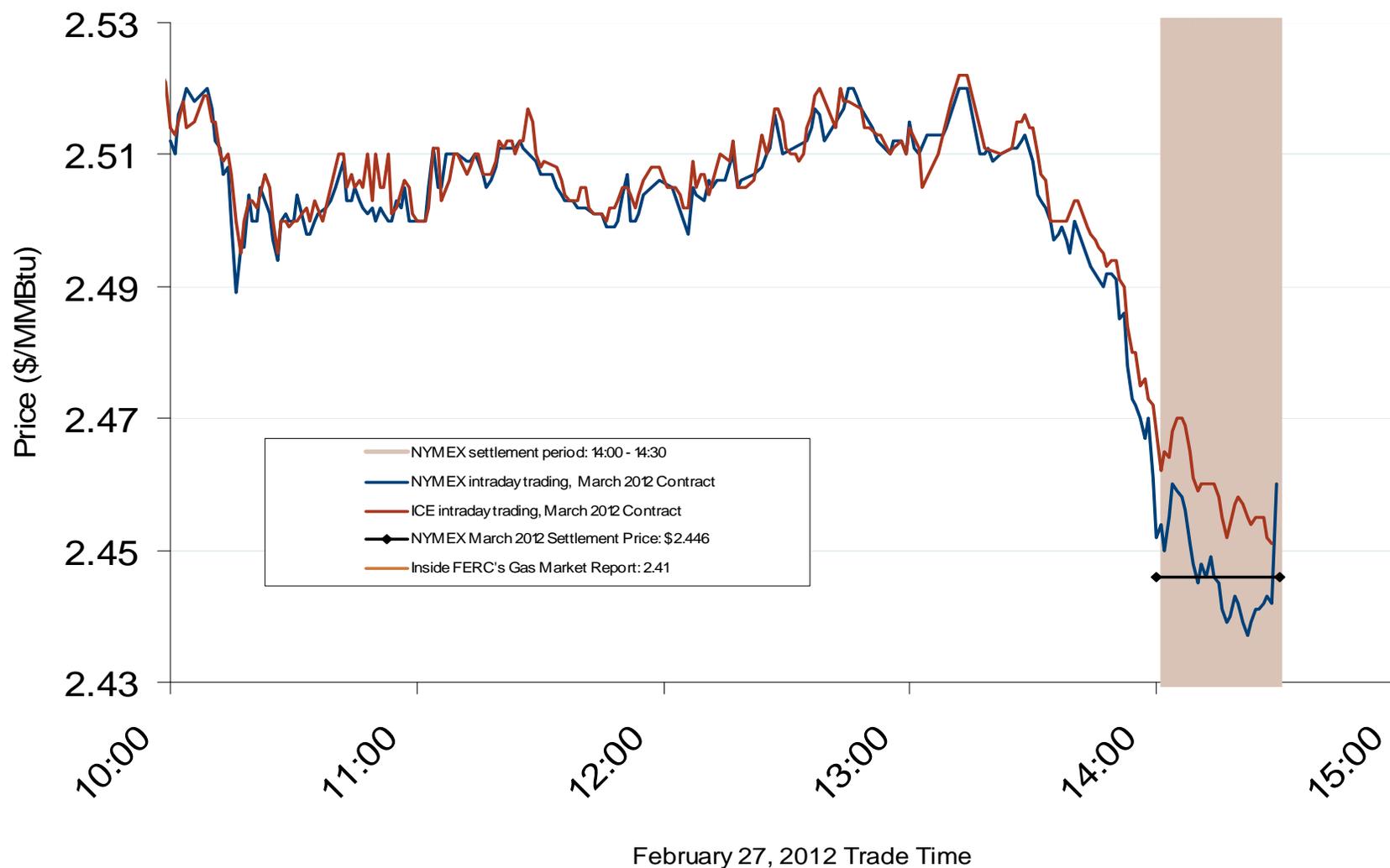
Source: Derived from Nymex data
March 2012 Southeast Snapshot

Updated: March 08, 2012

Daily Physical Index Price & Daily Futures Settlement Price



Gas Futures Trading: Nymex Contract and ICE Look-alike Settlement

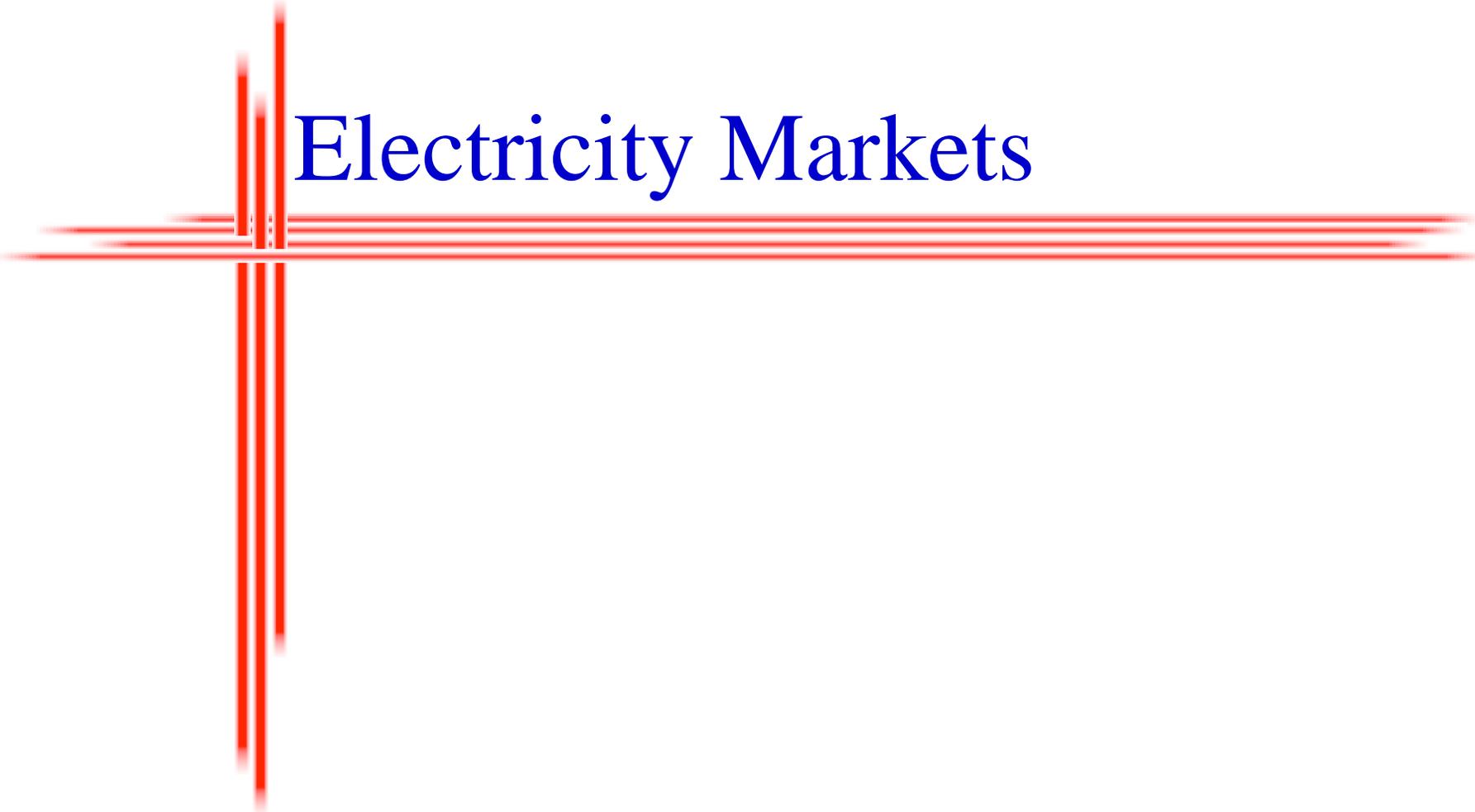
Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight**Nymex and ICE Contract Final Settlement - March 2012**

Notes: The final settlement day for this Nymex contract is three business days before the start of the contract term (which is the 1st day of the month)

Source: Derived from *Nymex* and *ICE* data

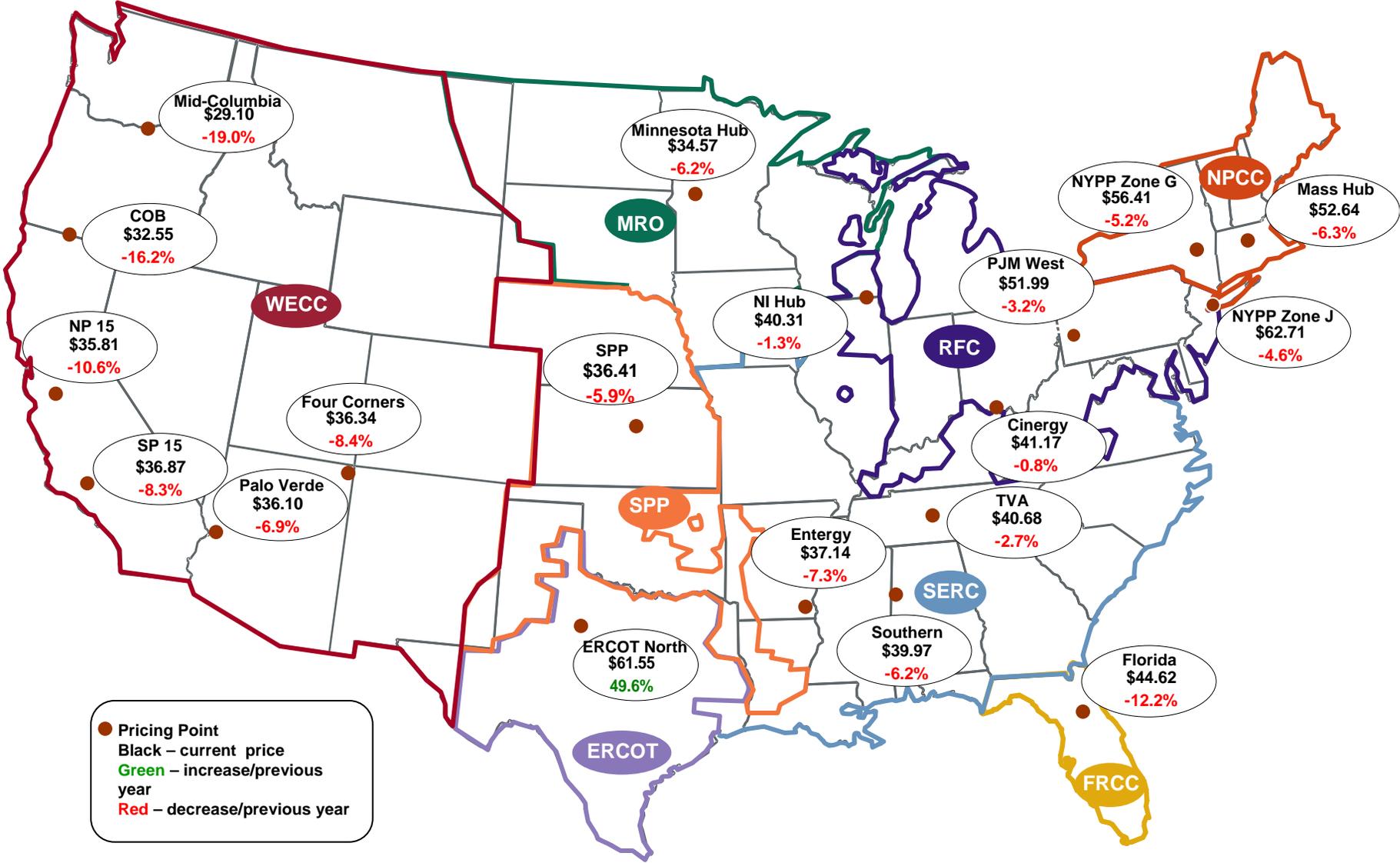
March 2012 Southeast Snapshot

Updated: March 3, 2012



Electricity Markets

Average On-Peak Spot Electric Prices 2011 (\$/MWh)



Source: Derived from *Platts* data.
March 2012 Southeast Snapshot

Updated: March 2, 2012

Electric Market Overview: Regional Spot Prices

Federal Energy Regulatory Commission • Market Oversight @ FERC.gov

Regional Spot Prices: 2009-2011

	On-peak Spot Prices (\$/MWh)					Off-peak Spot Prices (\$/MWh)				
	2009	2010	2011	% Change 09-10	% Change 10-11	2009	2010	2011	% Change 09-10	% Change 10-11
Northeast										
Mass Hub	46.24	56.18	52.64	21.5%	-6.3%	34.57	38.84	37.95	12.4%	-2.3%
Ny Zone G	49.80	59.48	56.41	19.4%	-5.2%	34.14	39.47	38.26	15.6%	-3.1%
NY Zone J	55.77	65.76	62.71	17.9%	-4.6%	35.25	40.37	39.19	14.5%	-2.9%
NY Zone A	35.54	43.89	41.52	23.5%	-5.4%	27.98	34.05	32.65	21.7%	-4.1%
PJM West	44.60	53.68	51.99	20.4%	-3.2%	31.68	35.81	33.94	13.0%	-5.2%
Southeast										
VACAR	36.42	43.24	44.44	18.7%	2.8%	25.68	29.18	30.23	13.6%	3.6%
Southern	36.58	42.61	39.97	16.5%	-6.2%	25.82	29.51	27.98	14.3%	-5.2%
TVA	34.91	41.79	40.68	19.7%	-2.7%	24.69	27.43	27.55	11.1%	0.4%
Florida	40.75	50.81	44.62	24.7%	-12.2%	28.00	31.59	31.27	12.8%	-1.0%
Entergy	33.57	40.07	37.14	19.3%	-7.3%	21.89	24.87	24.52	13.7%	-1.4%
Midwest										
Cinergy*	34.65	41.51	41.17	19.8%	-0.8%	22.15	24.34	25.86	9.9%	6.2%
Michigan Hub	36.56	43.68	42.73	19.5%	-2.2%	22.97	26.84	27.52	16.9%	2.5%
Minnesota Hub	32.09	36.86	34.57	14.9%	-6.2%	14.19	17.61	16.39	24.1%	-6.9%
NI Hub	34.47	40.85	40.31	18.5%	-1.3%	19.49	21.70	22.78	11.3%	5.0%
Illinois Hub	31.36	38.22	38.12	21.9%	-0.2%	17.44	20.44	22.20	17.2%	8.6%
MA PP South	33.31	37.60	35.48	12.9%	-5.6%	20.78	21.76	19.90	4.7%	-8.5%
South Central										
SPP North	32.94	38.71	36.41	17.5%	-5.9%	20.36	21.51	20.42	5.7%	-5.1%
ERCOT North	34.89	41.15	61.55	17.9%	49.6%	22.37	26.97	25.74	20.6%	-4.6%
Southwest										
Four Corners	35.38	39.68	36.34	12.2%	-8.4%	23.76	27.02	20.45	13.7%	-24.3%
Palo Verde	34.77	38.76	36.10	11.5%	-6.9%	24.26	27.72	21.57	14.3%	-22.2%
Mead	36.58	40.11	36.92	9.7%	-8.0%	26.34	29.37	22.34	11.5%	-23.9%
Northwest										
Mid-C	35.66	35.90	29.10	0.7%	-19.0%	28.24	29.19	19.98	3.4%	-31.6%
COB	38.02	38.84	32.55	2.2%	-16.2%	29.22	29.86	19.92	2.2%	-33.3%
California										
NP15	39.29	40.08	35.81	2.0%	-10.6%	28.66	29.89	21.26	4.3%	-28.9%
SP15	38.31	40.21	36.87	5.0%	-8.3%	26.64	29.14	21.78	9.4%	-25.3%

Note: Effective January 1, 2012, Platts will replace the Cinergy Hub with the Indiana Hub.

Southeast Electric Market: Annual Bilateral Prices

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight**Southeast Annual Average Bilateral Prices**

Annual Average Day Ahead On Peak Prices (\$/MWh)						
	2007	2008	2009	2010	2011	5-Year Avg
VACAR	\$60.52	\$70.86	\$36.42	\$43.24	\$44.44	\$53.48
Southern	\$59.10	\$70.13	\$36.58	\$42.61	\$39.97	\$52.79
TVA	\$60.28	\$69.01	\$34.91	\$41.79	\$40.68	\$51.90
Florida	\$65.59	\$74.66	\$40.75	\$50.81	\$44.62	\$59.17
Entergy	\$59.74	\$68.49	\$33.57	\$40.07	\$37.14	\$51.63

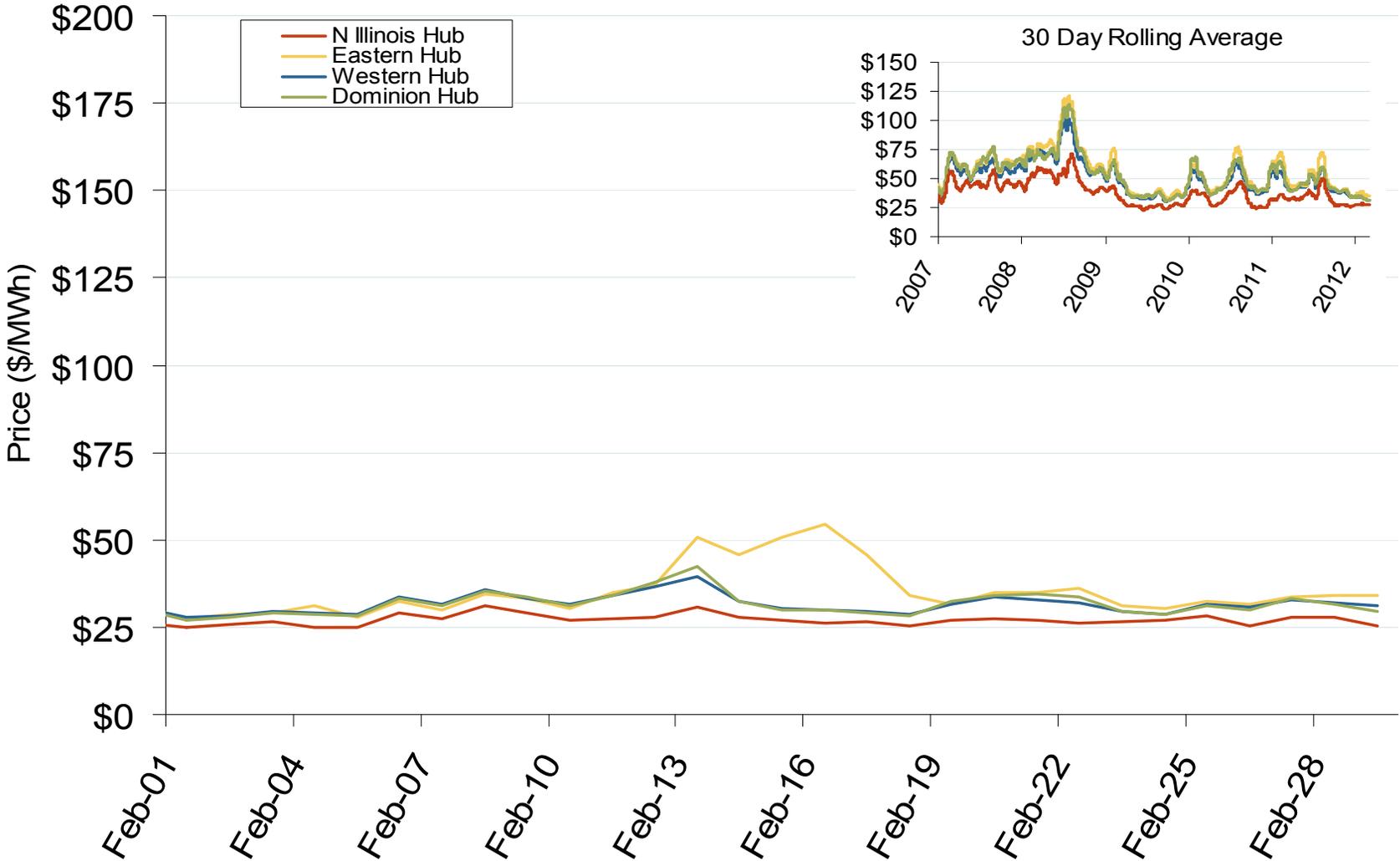
Texas Annual Average Bilateral Prices

Annual Average Day Ahead On Peak Prices (\$/MWh)						
	2007	2008	2009	2010	2011	5-Year Avg
SPP North	\$60.21	\$68.77	\$32.94	\$38.71	\$36.41	\$51.30
ERCOT North	\$59.53	\$73.42	\$34.89	\$41.15	\$61.55	\$53.98

PJM Electric Market: Last Month's RTO Prices

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Daily Average of PJM Day-Ahead Prices - All Hours



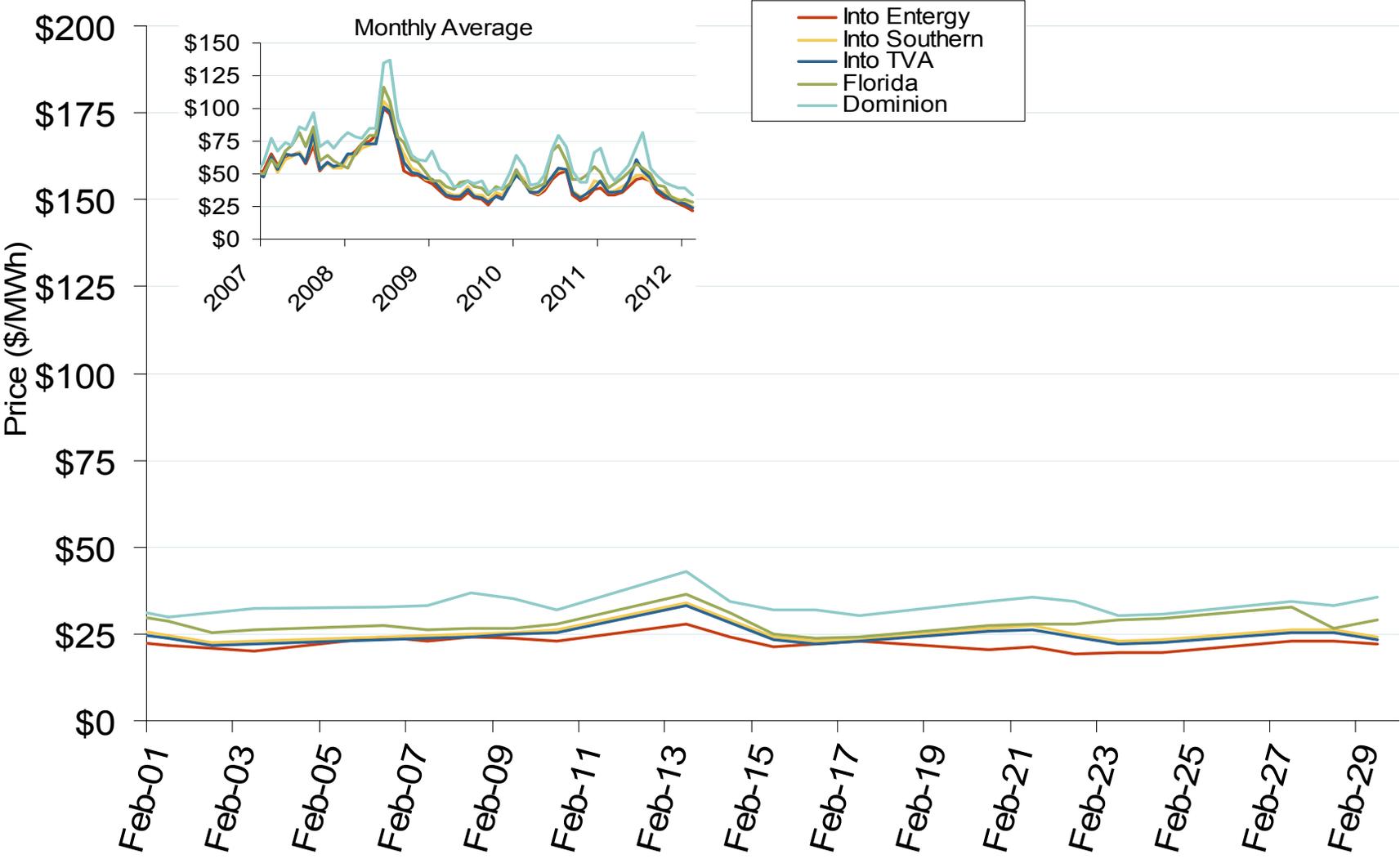
Source: Derived from Bloomberg data
March 2012 Southeast Snapshot

Updated: March 06, 2012

Southeast Electric Market: Last Month's Southeastern Index Prices

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Southeastern Daily Index Day-Ahead On-Peak Prices



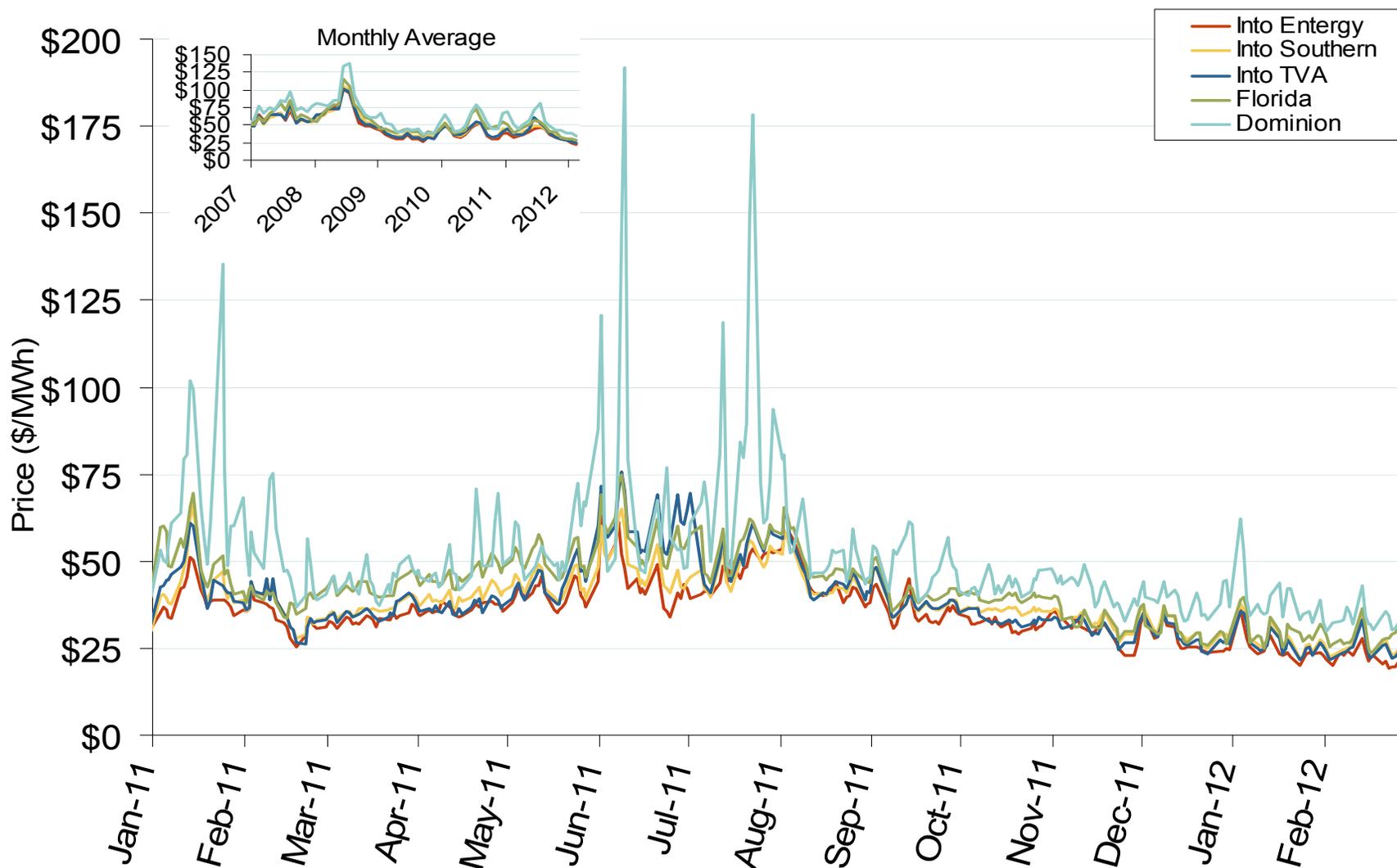
Source: Derived from Platts data
March 2012 Southeast Snapshot

Updated: March 12, 2012

Southeast Electric Market: Southeastern Index Prices

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

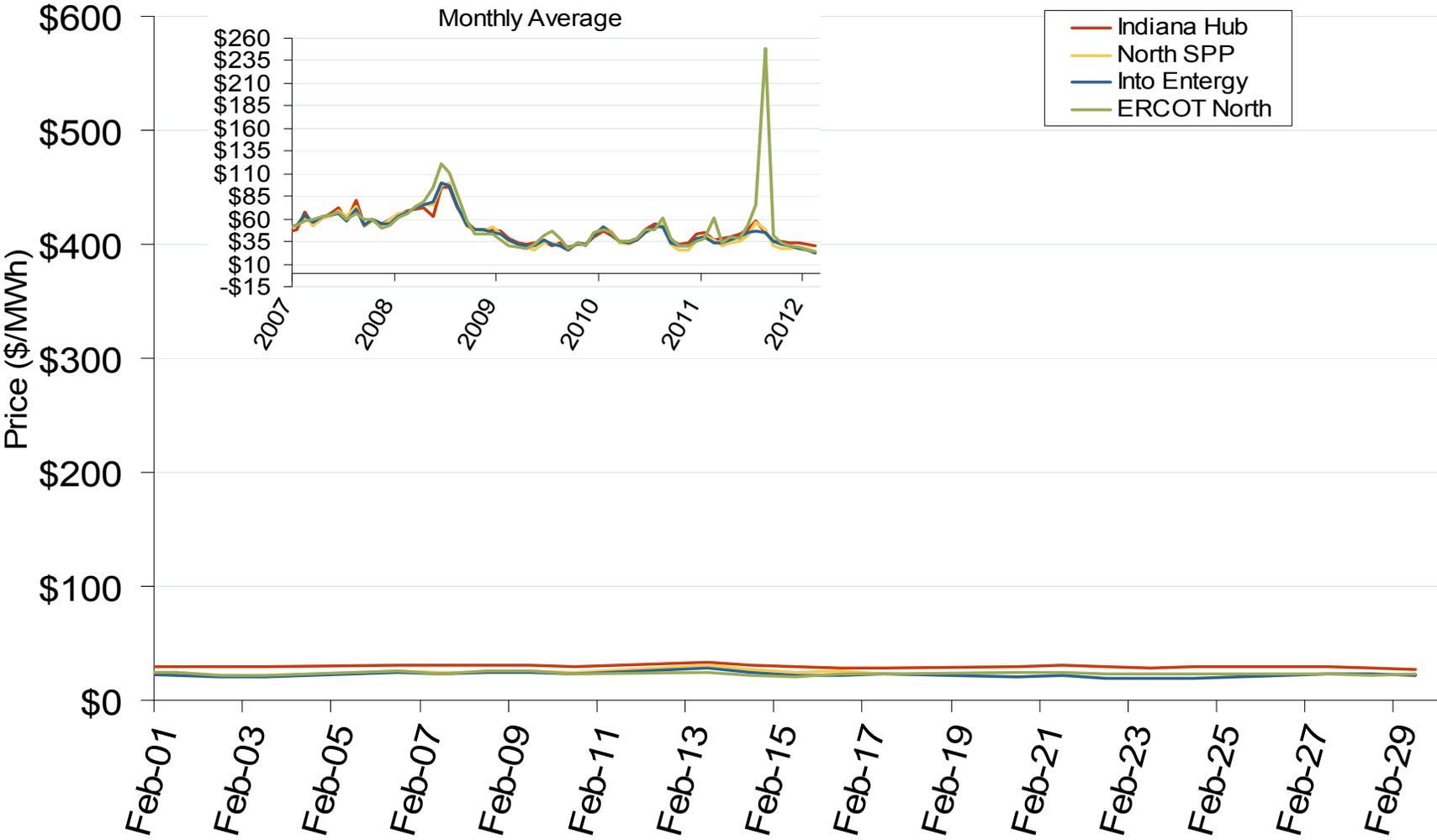
Southeastern Daily Index Day-Ahead On-Peak Prices



Southeast Electric Market: Last Month's Midwestern Index Prices

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Midwestern Daily Index Day-Ahead On-Peak Prices



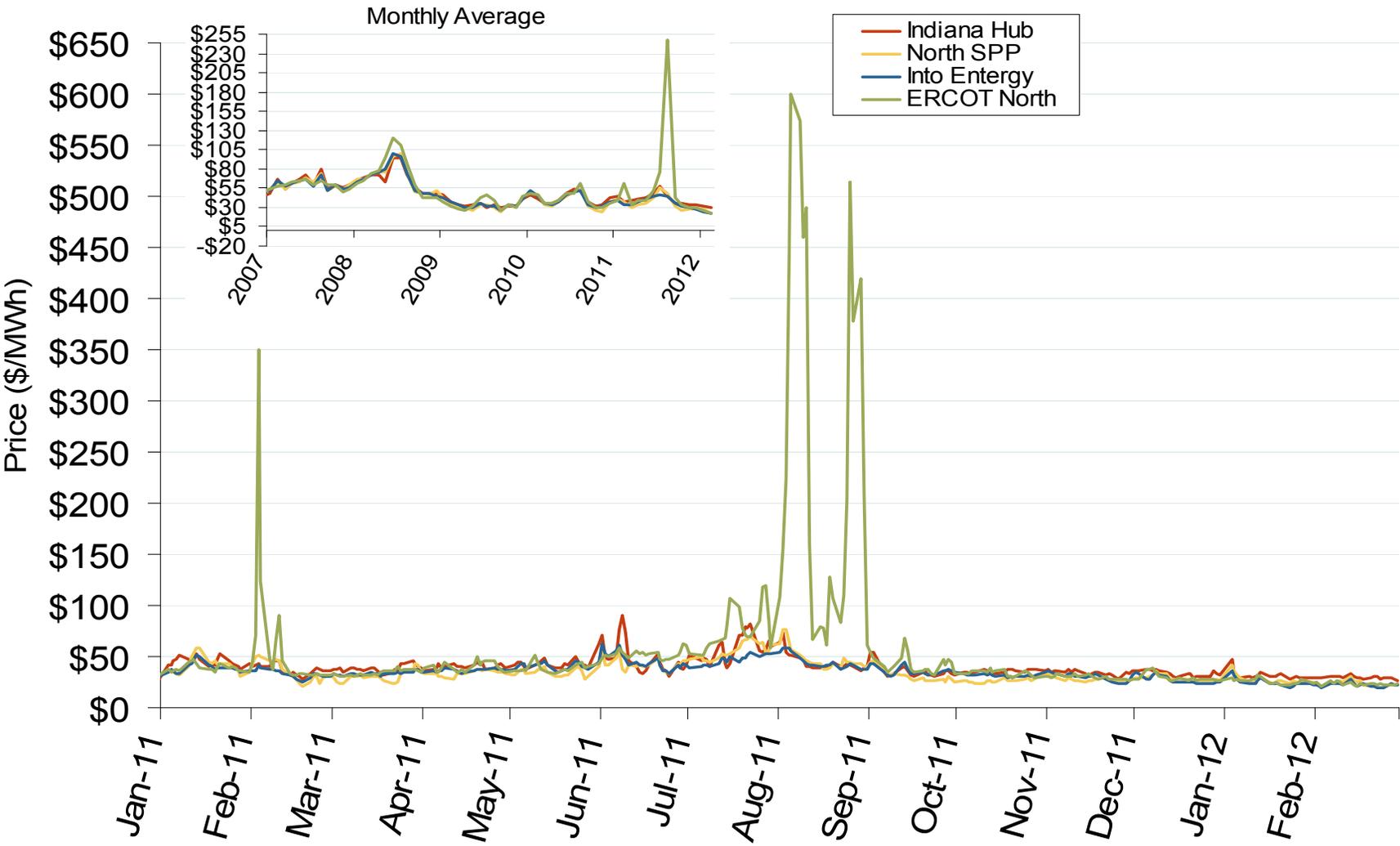
Source: Derived from Platts data
March 2012 Southeast Snapshot

Updated: March 12, 2012

Southeast Electric Market: Midwestern Index Prices

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Midwestern Daily Index Day-Ahead On-Peak Prices



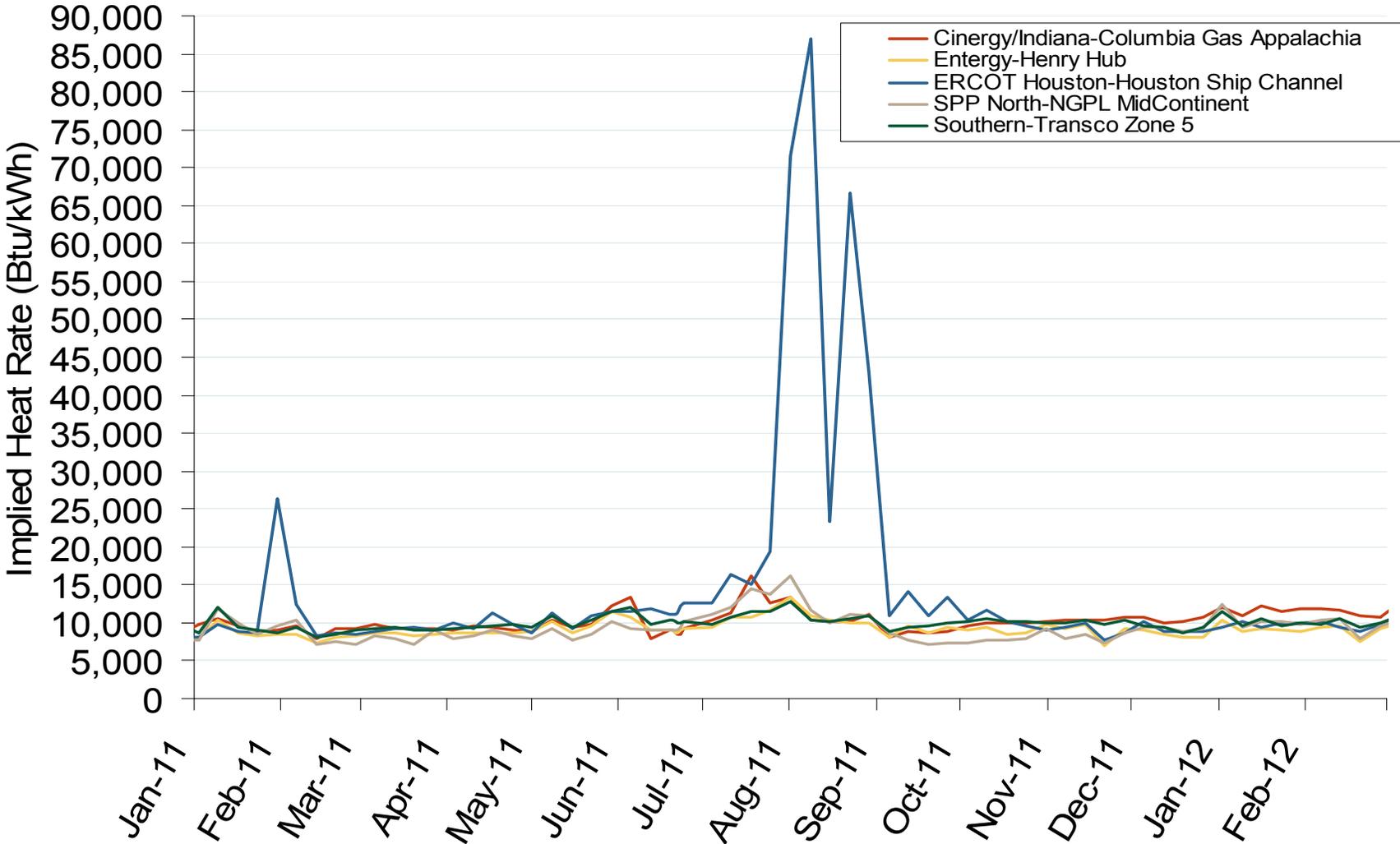
Source: Derived from Platts data
March 2012 Southeast Snapshot

Updated: March 12, 2012

Southeast Electric Market: South Central Implied Heat Rates

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Implied Heat Rates at South Central Trading Points - Weekly Avgs.



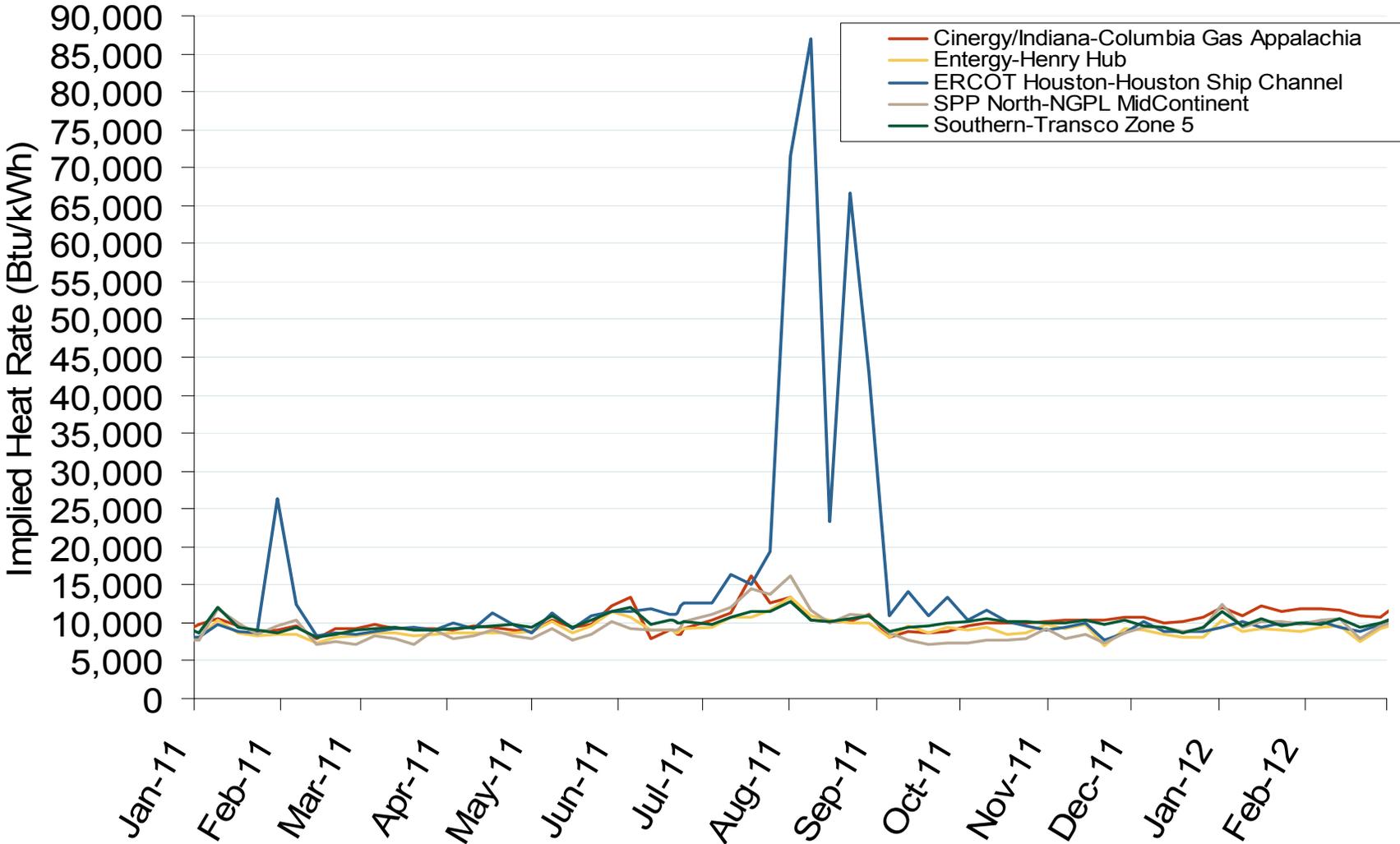
Source: Derived from Platts on-peak electric and natural gas price data
March 2012 Southeast Snapshot

Updated: March 09, 2012

Texas Electric Market: South Central Implied Heat Rates

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Implied Heat Rates at South Central Trading Points - Weekly Avgs.



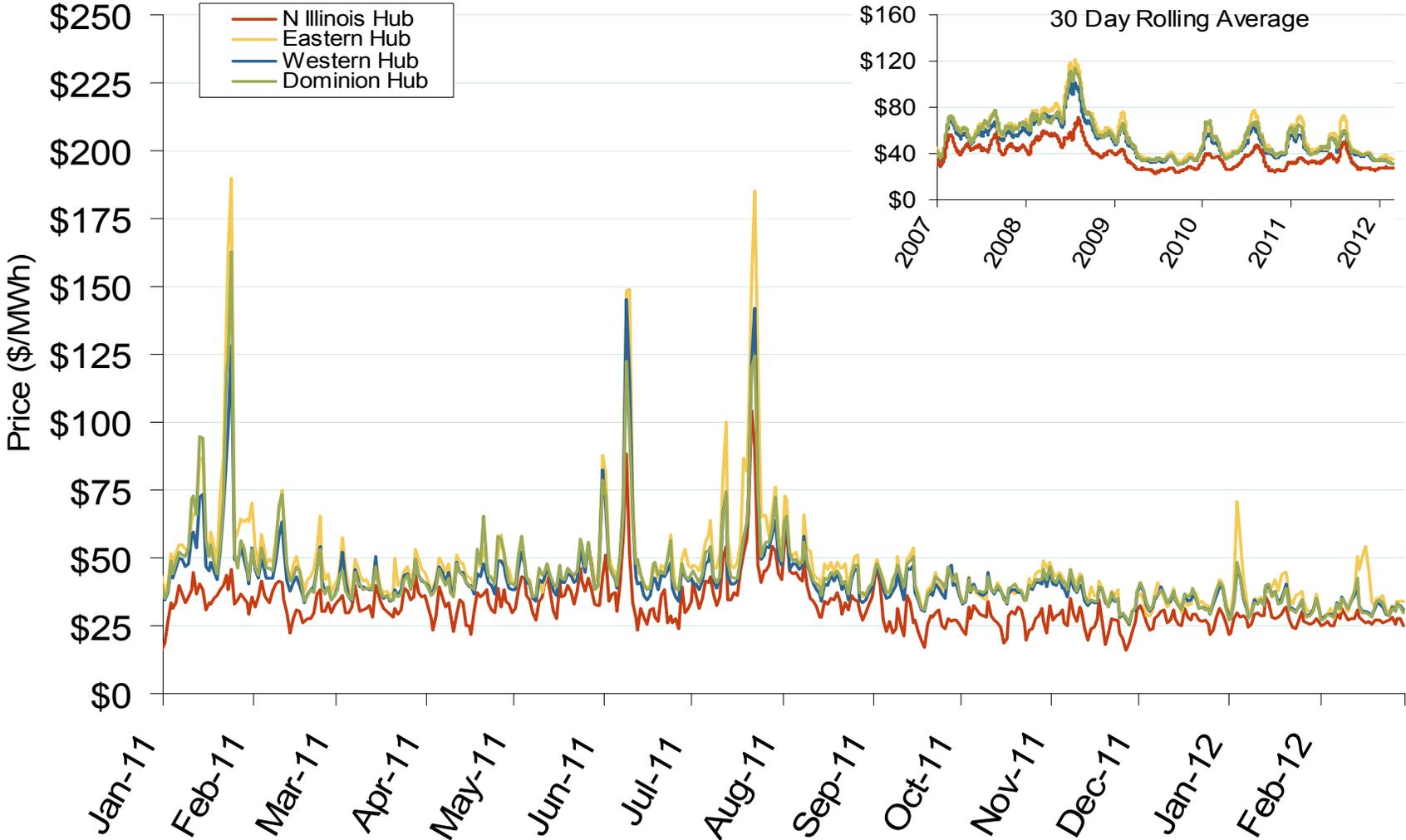
Source: Derived from Platts on-peak electric and natural gas price data
March 2012 Southeast Snapshot

Updated: March 09, 2012

PJM Electric Market: RTO Prices

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Daily Average of PJM Day-Ahead Prices - All Hours



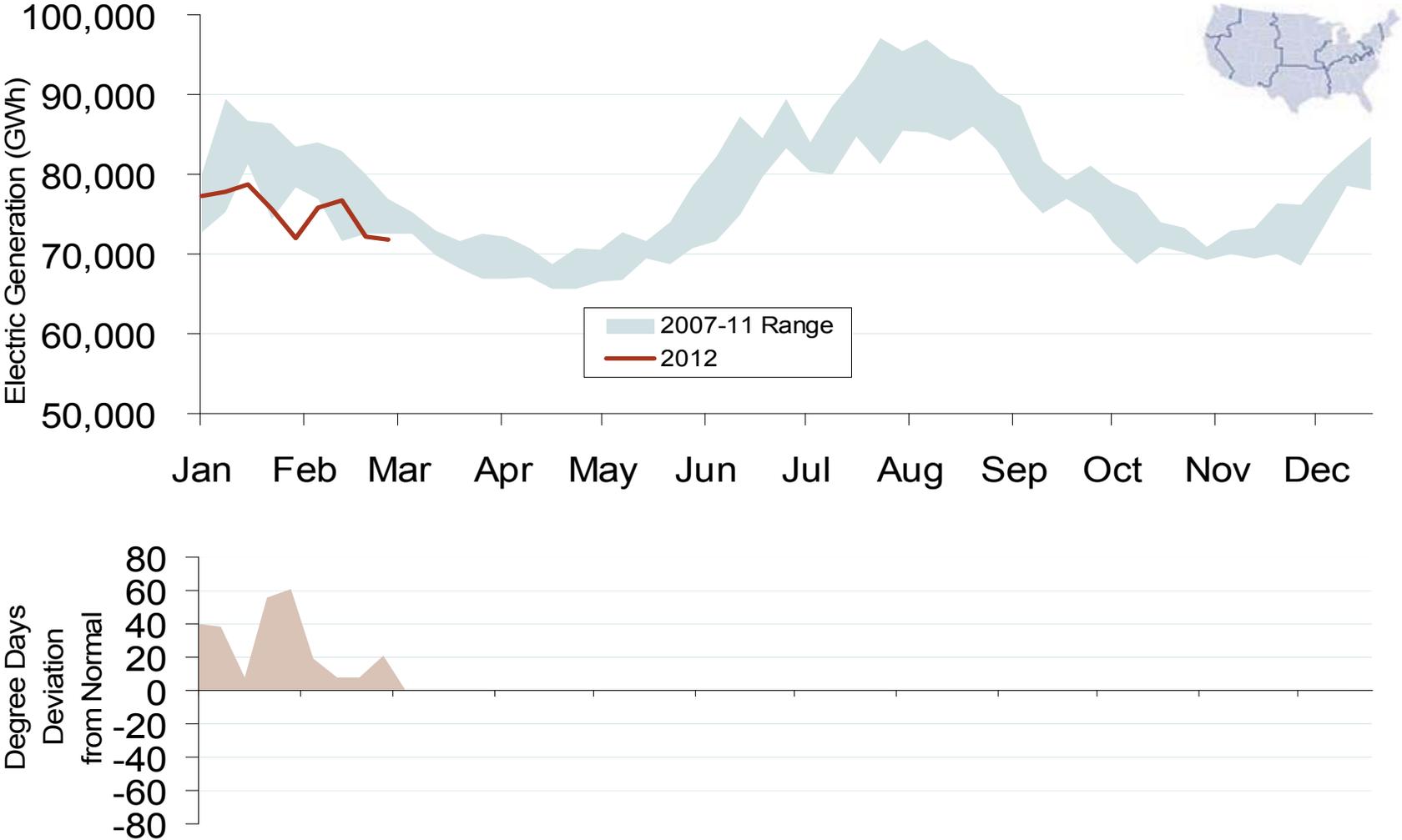
Source: Derived from Bloomberg data
March 2012 Southeast Snapshot

Updated: March 06, 2012

Electric Market Overview: Generation Output and Temperatures

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

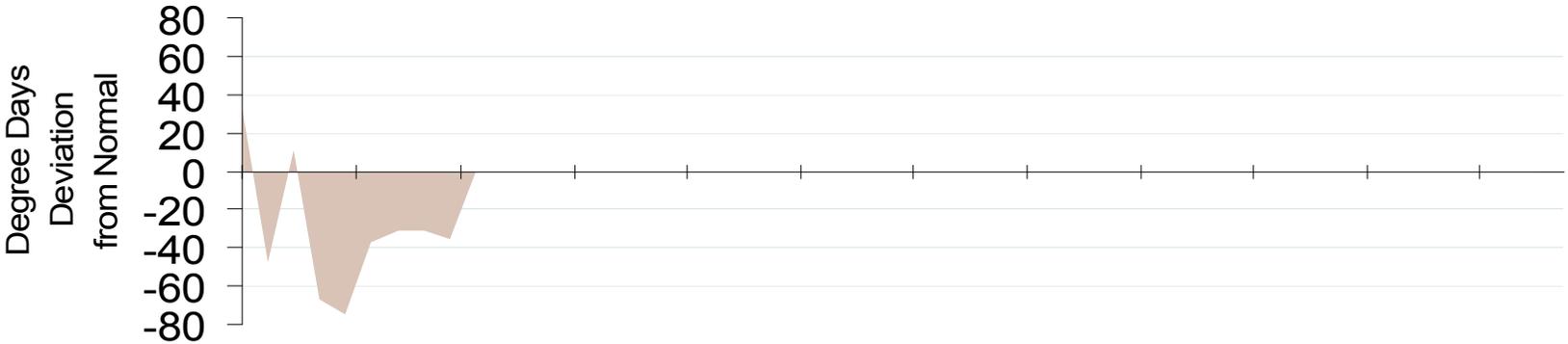
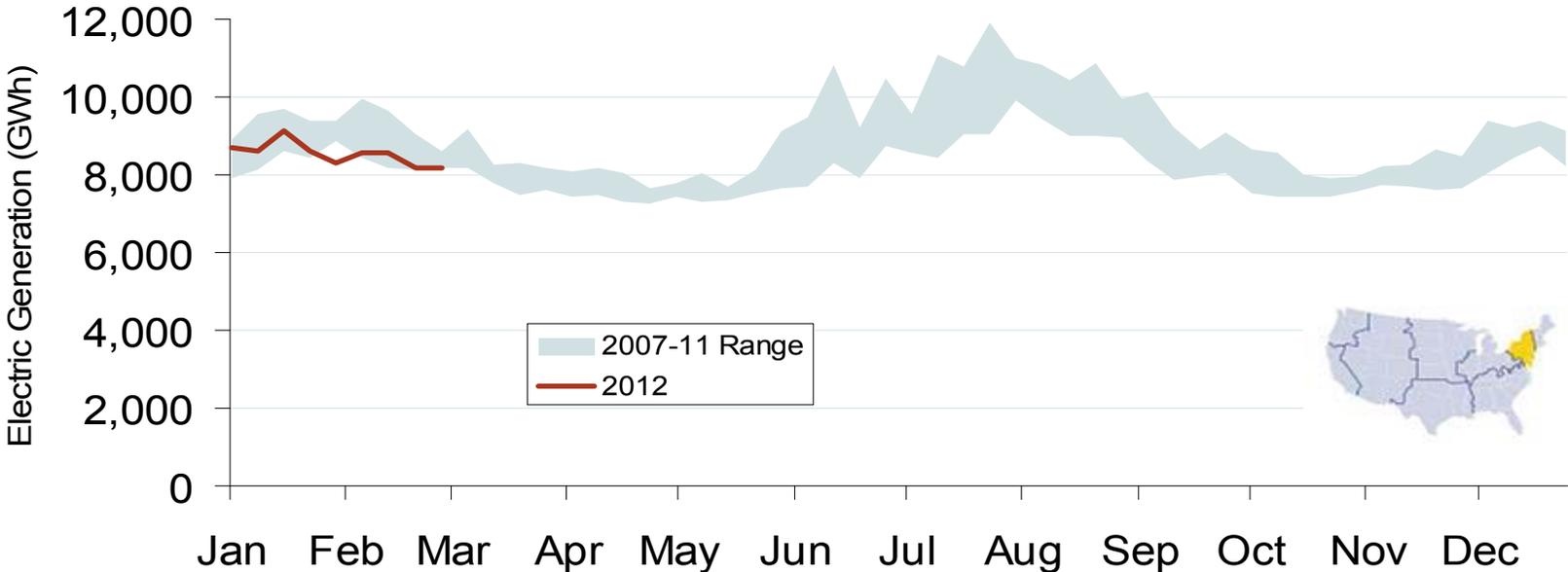
Weekly U.S. Electric Generation Output and Temperatures



Source: Derived from *EEI* and *NOAA* data
March 2012 Southeast Snapshot

Updated: March 08, 2012

Weekly Power Generation & Temps. - Mid Atlantic



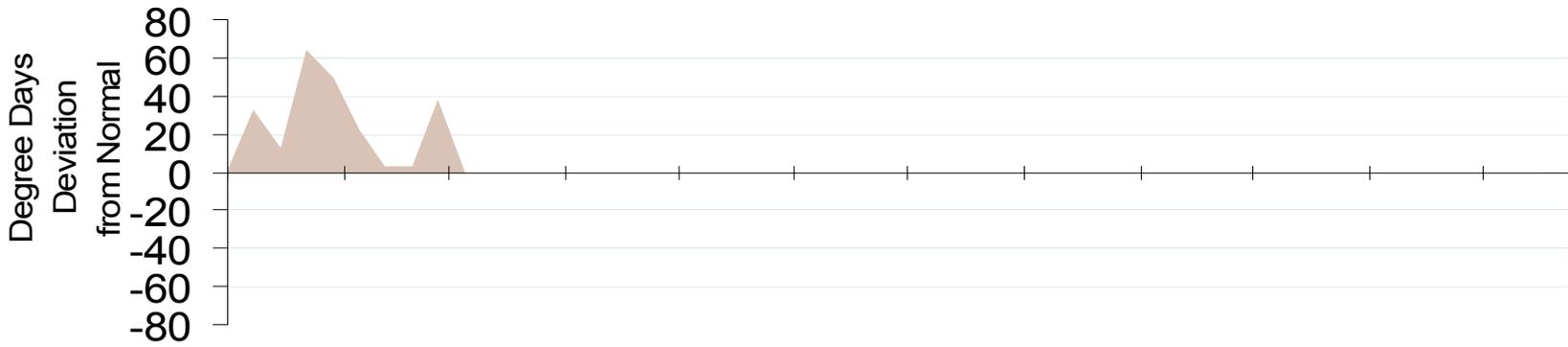
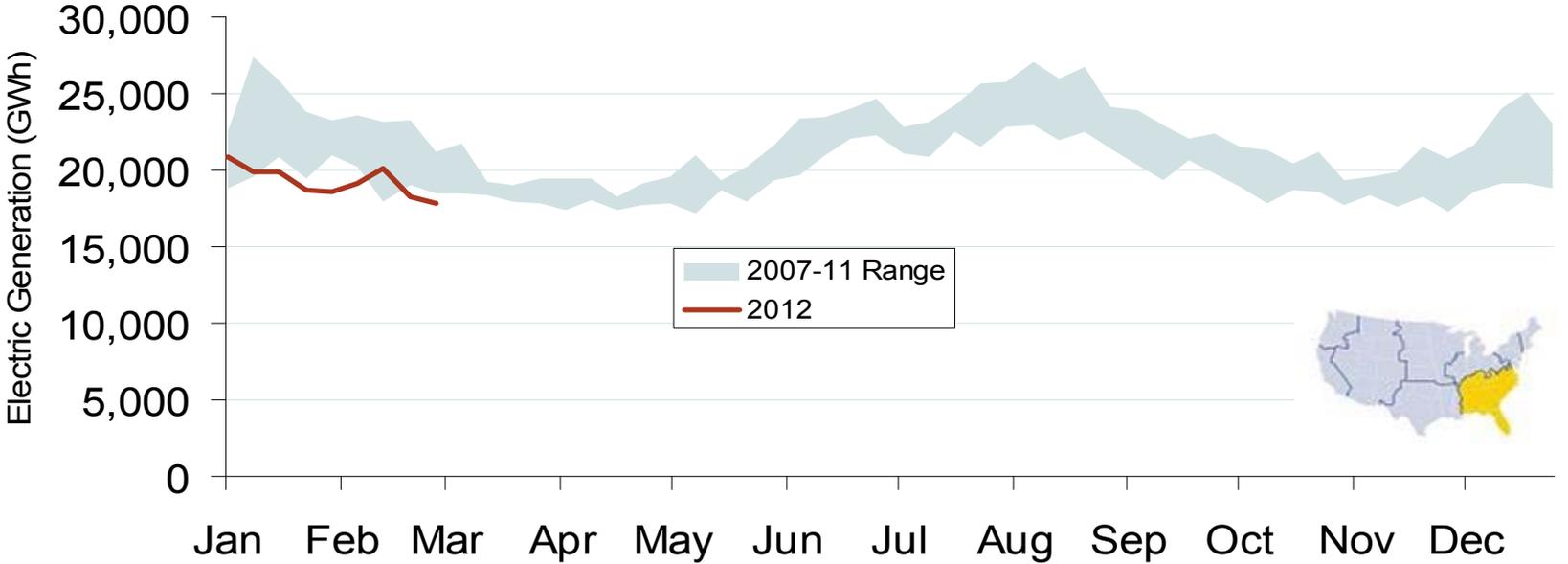
Source: Derived from *EEI* and *NOAA* data
March 2012 Southeast Snapshot

Updated: March 08, 2012

Southeast Electric Market: Generation Output and Temperatures

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Weekly Power Generation & Temps. - Southeast



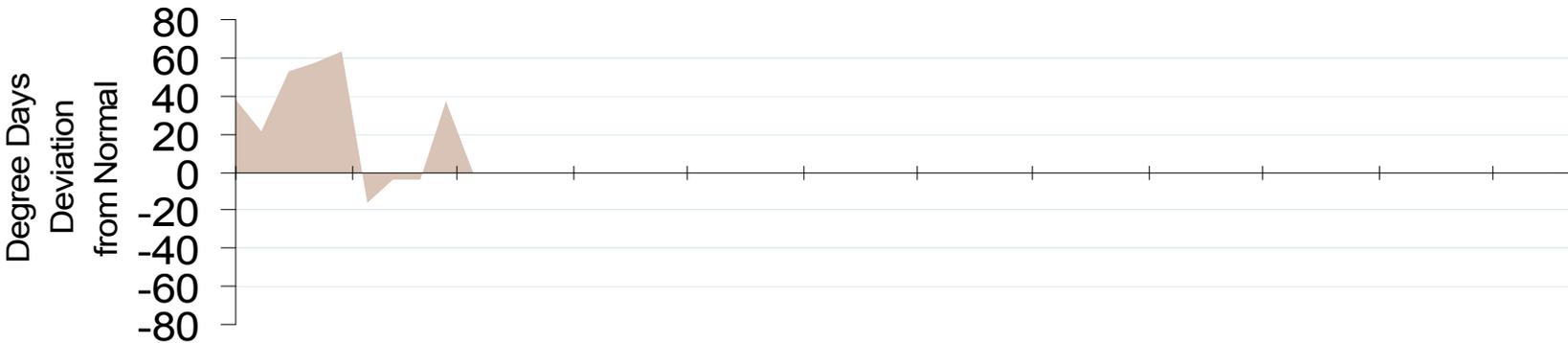
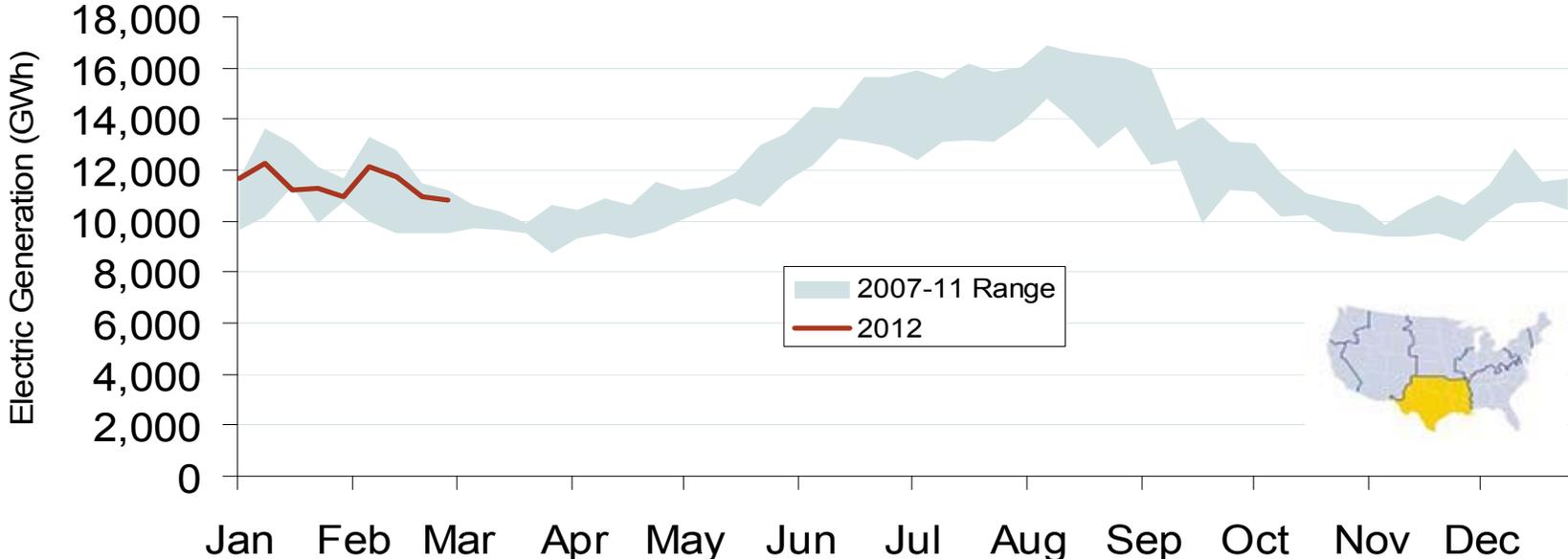
Source: Derived from *EEI* and *NOAA* data
March 2012 Southeast Snapshot

Updated: March 08, 2012

Texas Electric Market: Generation Output and Temperatures

Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Weekly Power Generation & Temps. - South Central



Source: Derived from *EEI* and *NOAA* data
March 2012 Southeast Snapshot

Updated: March 08, 2012

Monthly Southeastern Hydroelectric Generation

