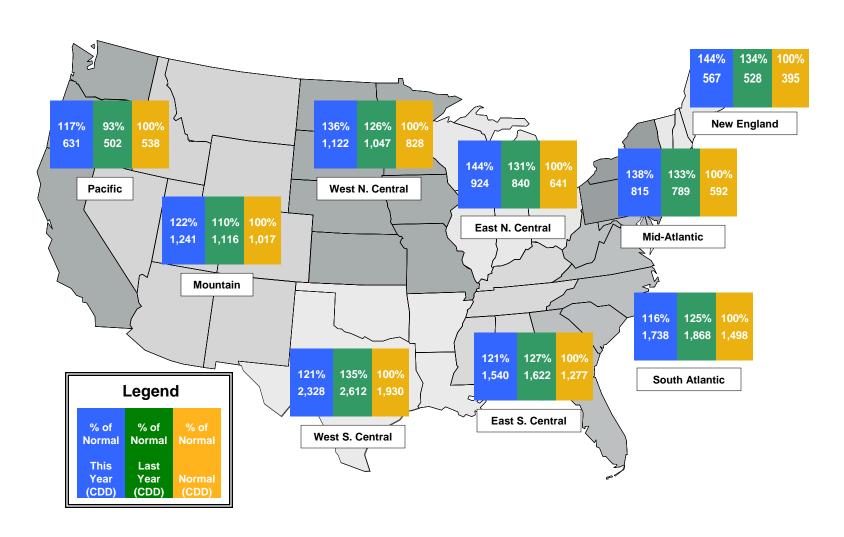
OE ENERGY MARKET SNAPSHOT

Southeast States Version – August 2012 Data

Office of Enforcement
Federal Energy Regulatory Commission
September 2012

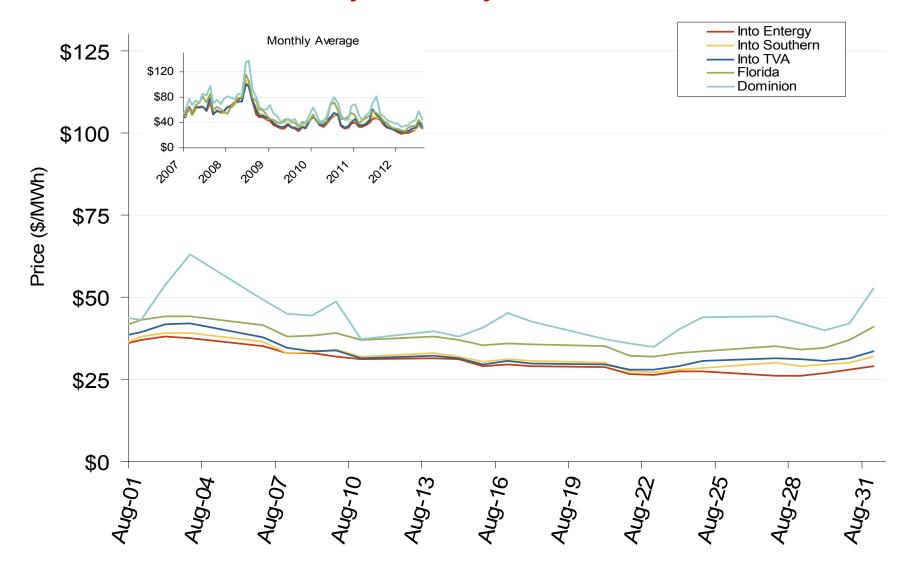
Weather

Regional Cooling Degree Days – January to August 2012

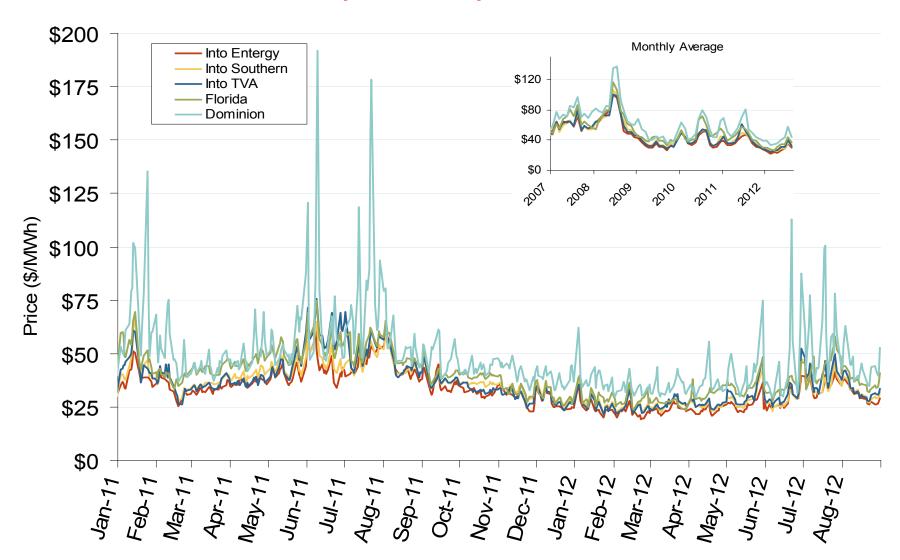


Electricity Markets

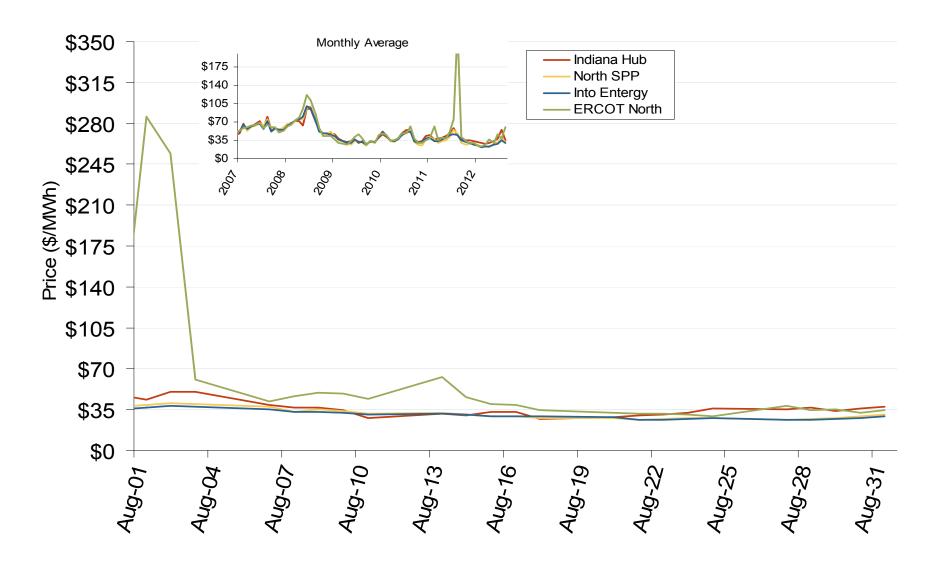
Southeastern Daily Index Day-Ahead On-Peak Prices



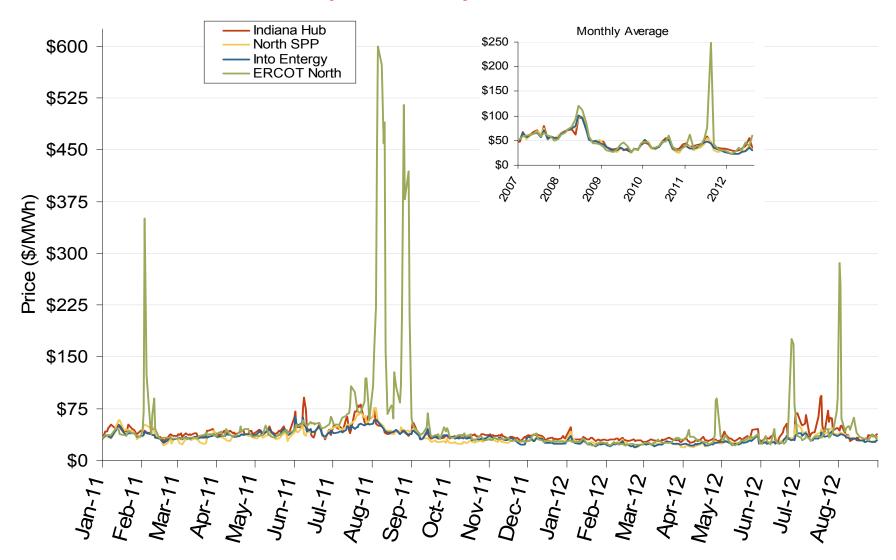
Southeastern Daily Index Day-Ahead On-Peak Prices



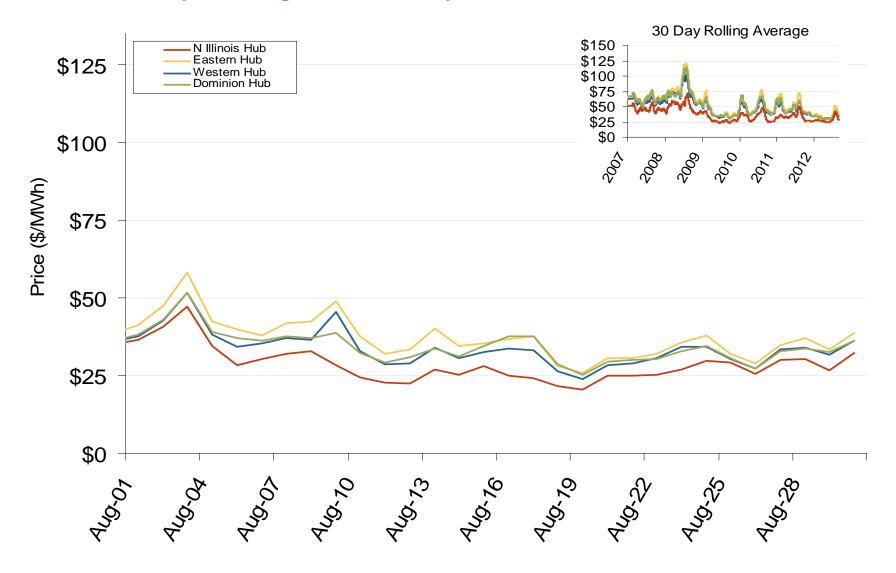
Midwestern Daily Index Day-Ahead On-Peak Prices



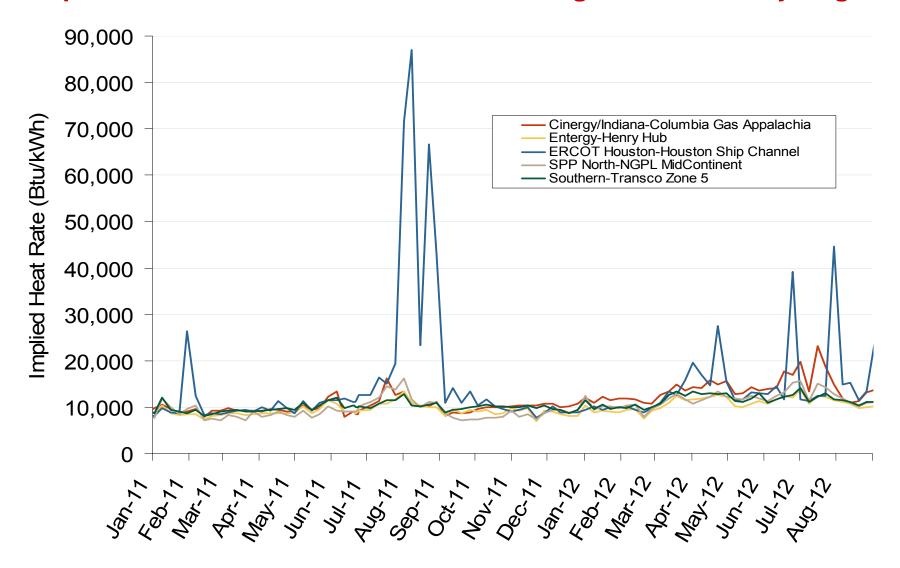
Midwestern Daily Index Day-Ahead On-Peak Prices



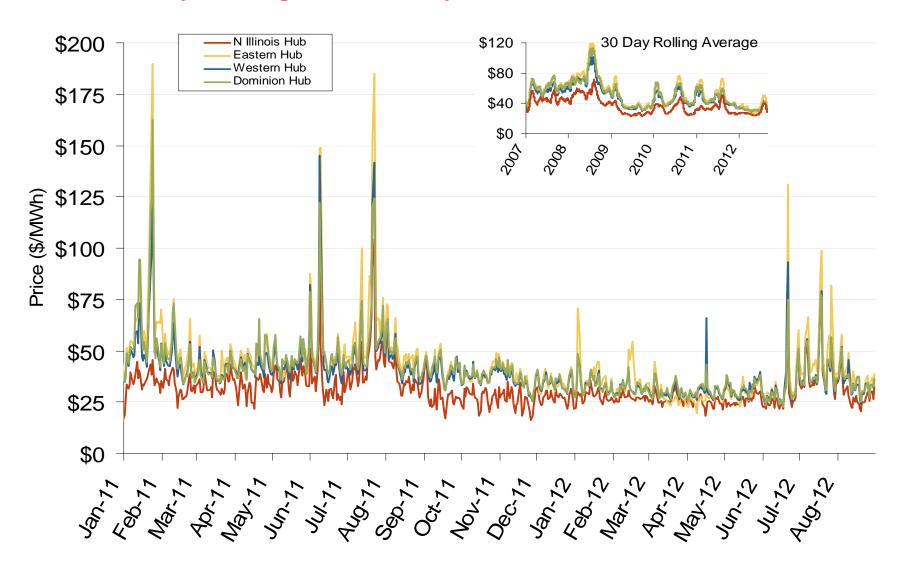
Daily Average of PJM Day-Ahead Prices - All Hours



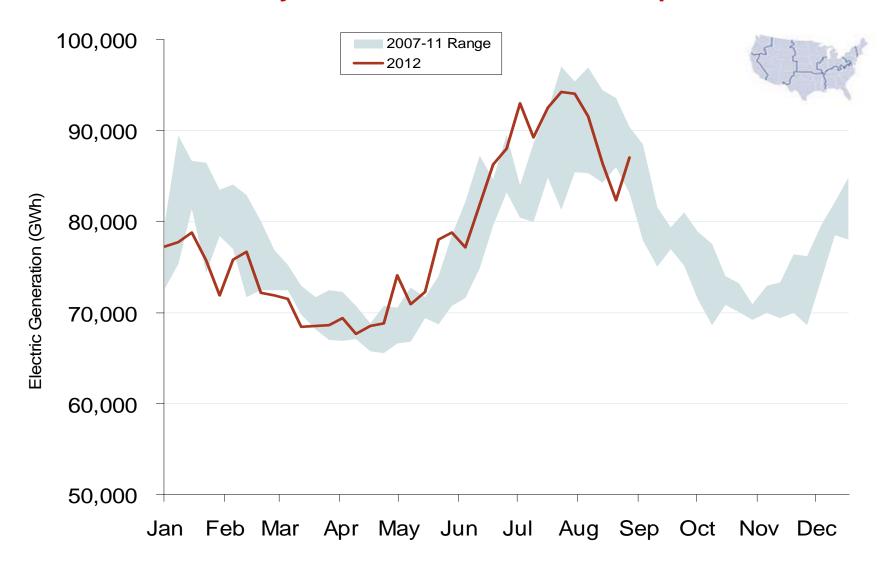
Implied Heat Rates at South Central Trading Points - Weekly Avgs.



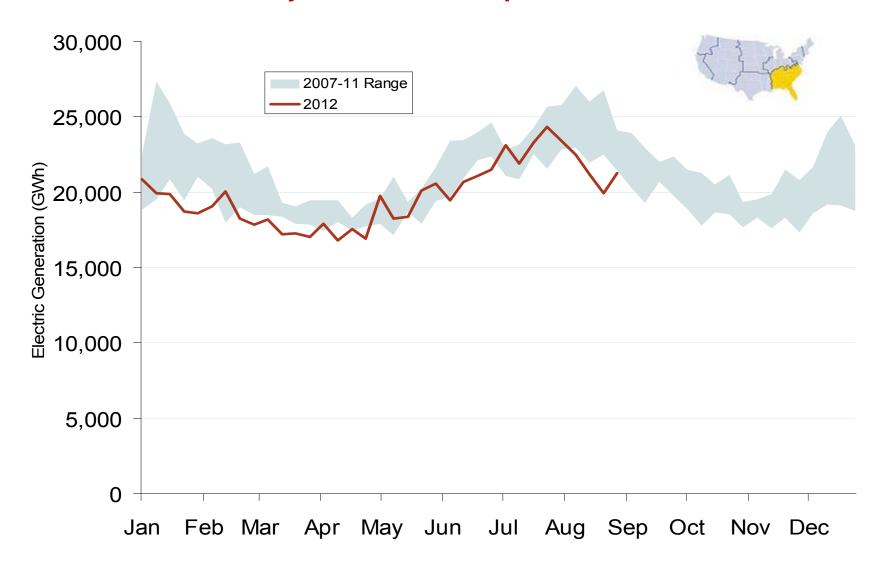
Daily Average of PJM Day-Ahead Prices - All Hours



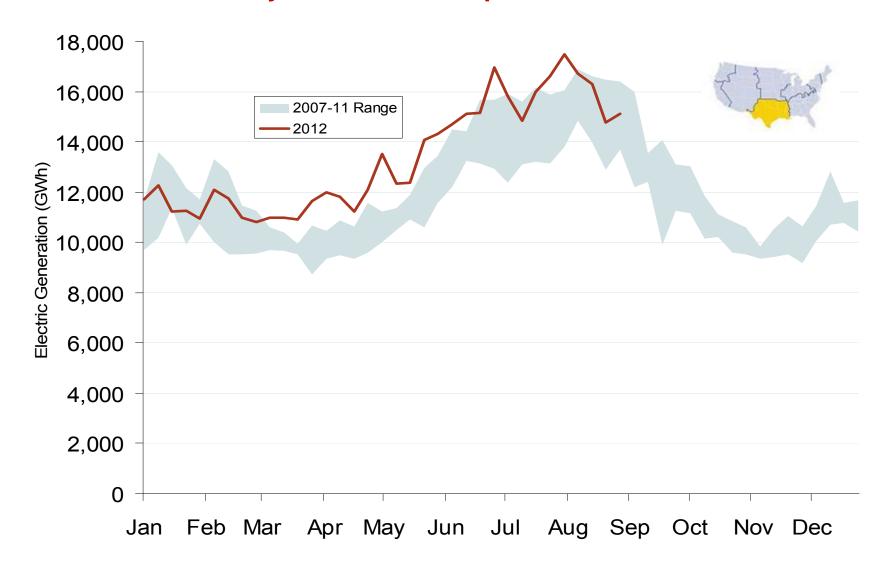
Weekly U.S. Electric Generation Output



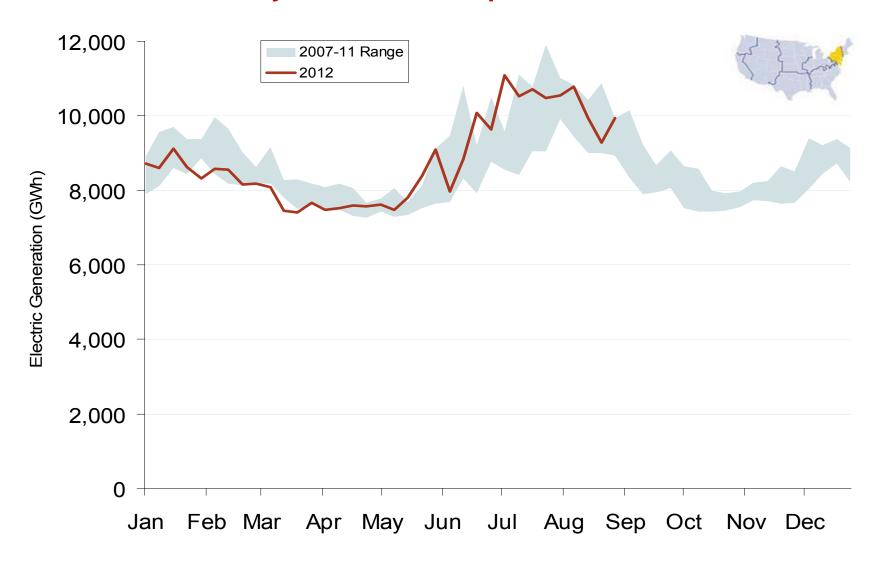
Weekly Generation Output - Southeast



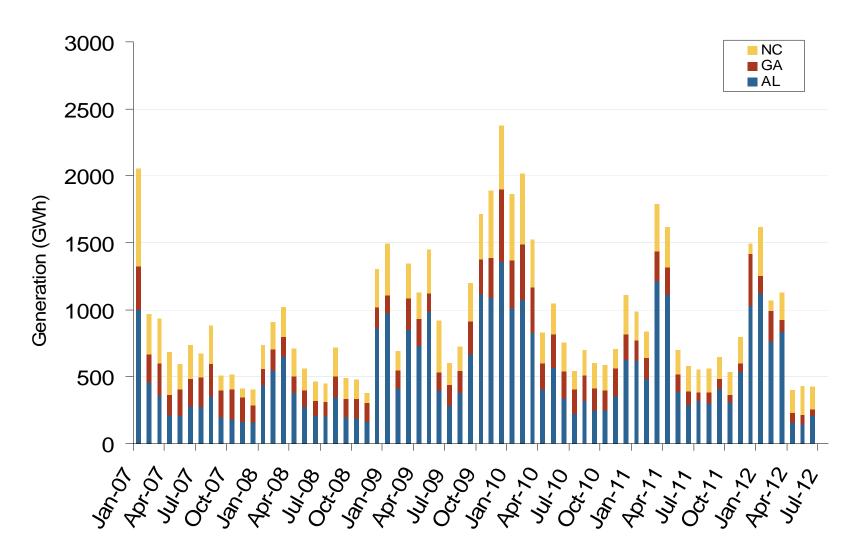
Weekly Generation Output - South Central



Weekly Generation Output - Mid Atlantic

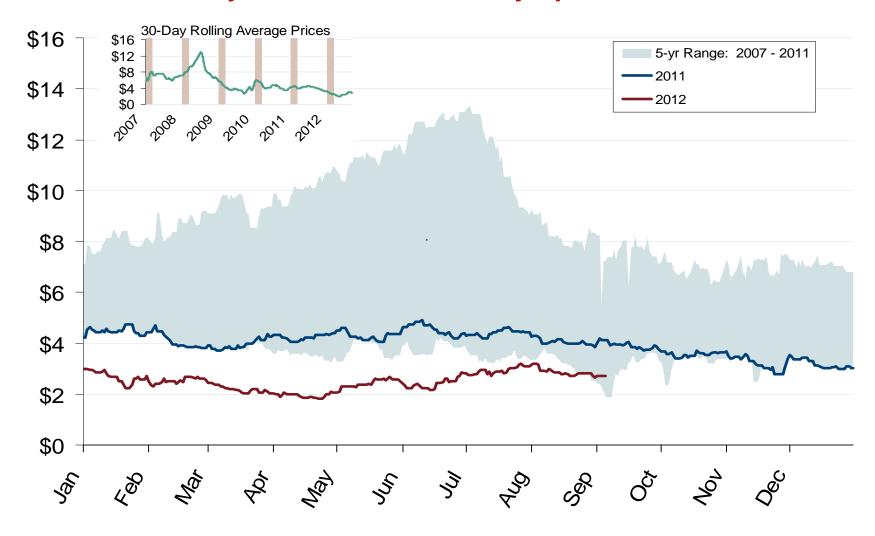


Monthly Southeastern Hydroelectric Generation

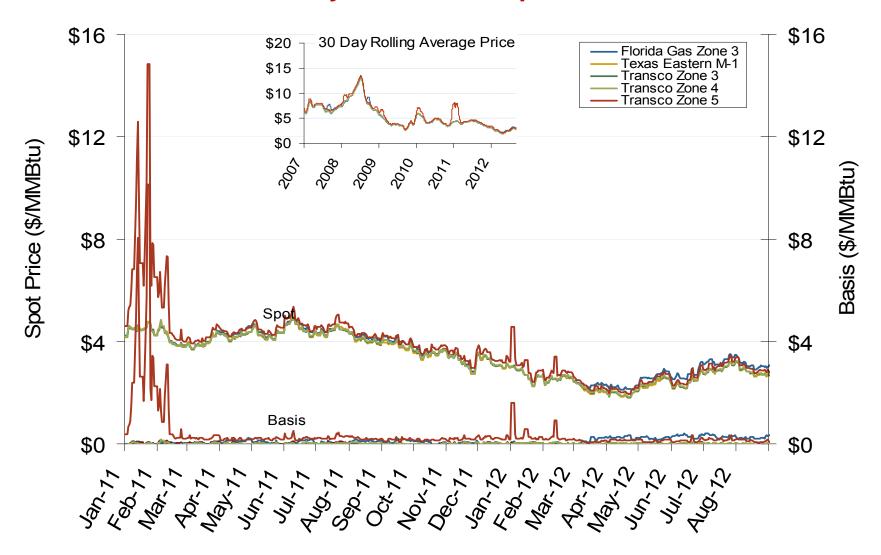


Natural Gas and Fuels Markets

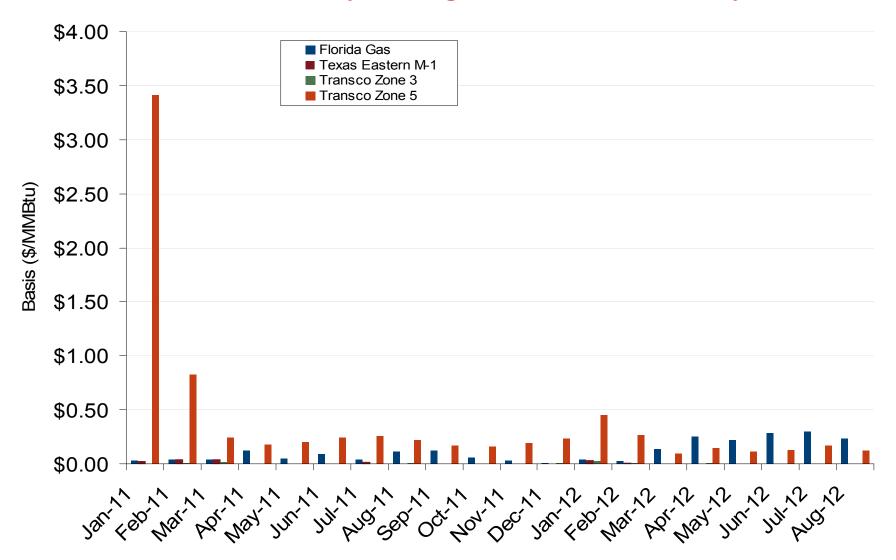
Henry Hub Natural Gas Daily Spot Prices



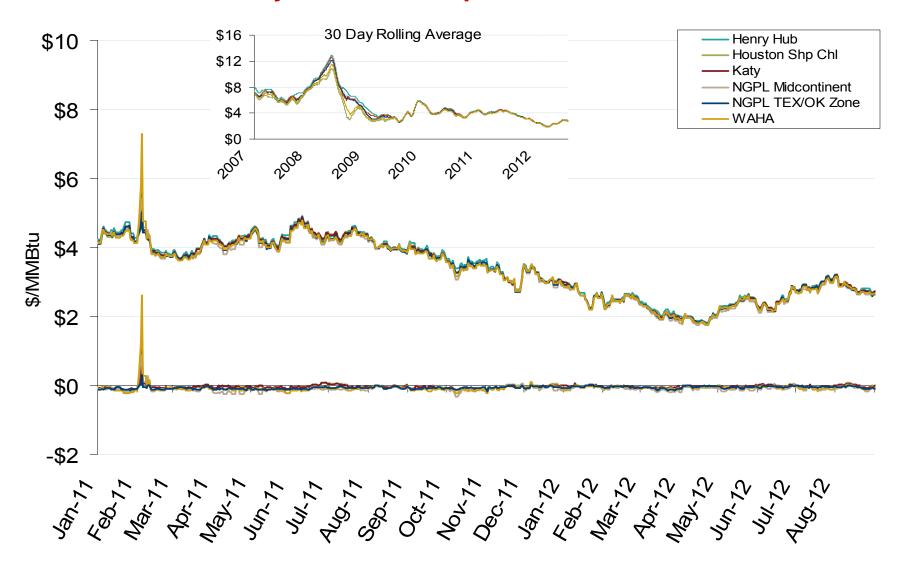
Southeastern Day-Ahead Hub Spot Prices and Basis



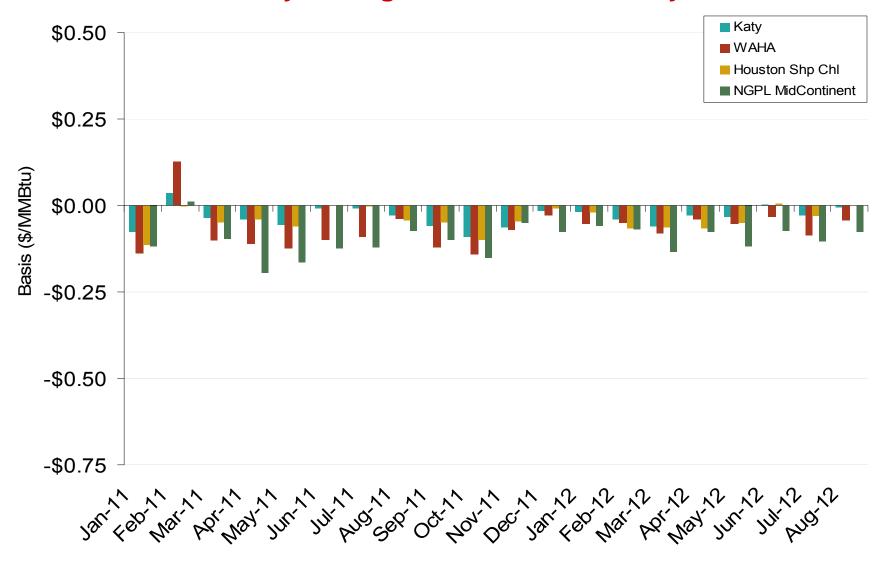
Southeastern Monthly Average Basis Value to Henry Hub



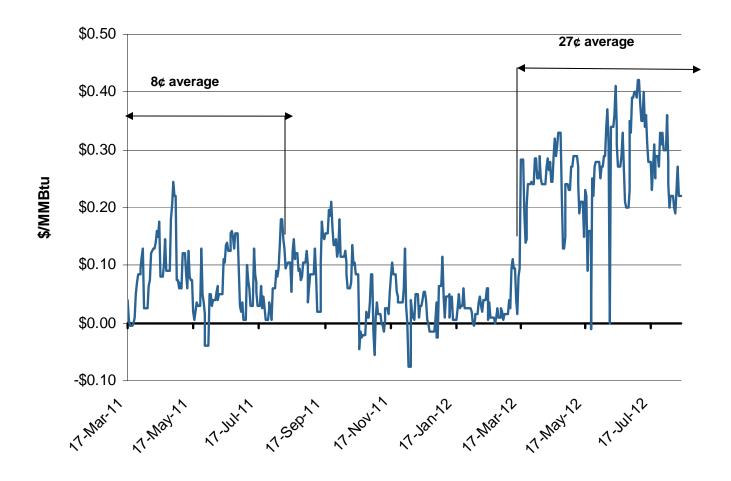
Gulf Day-Ahead Hub Spot Prices and Basis



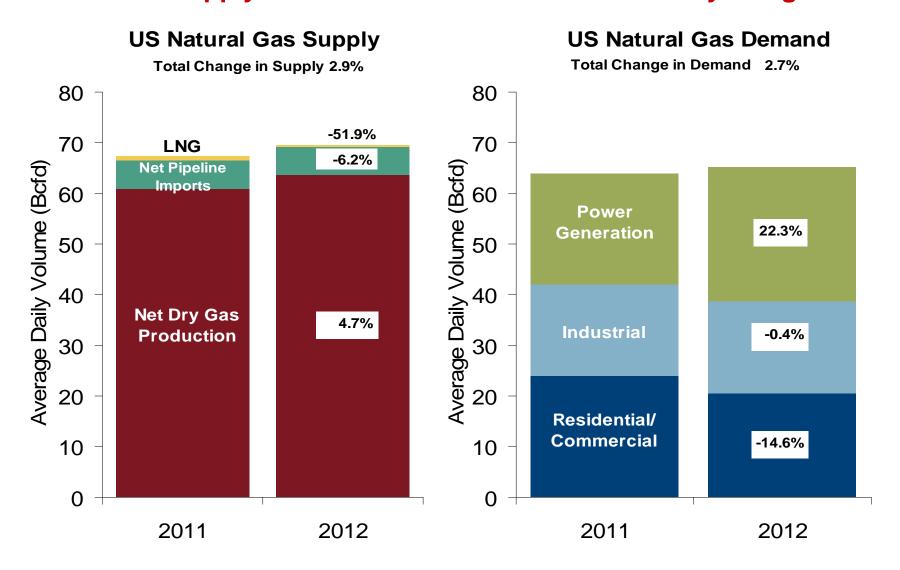
Gulf Monthly Average Basis Value to Henry Hub



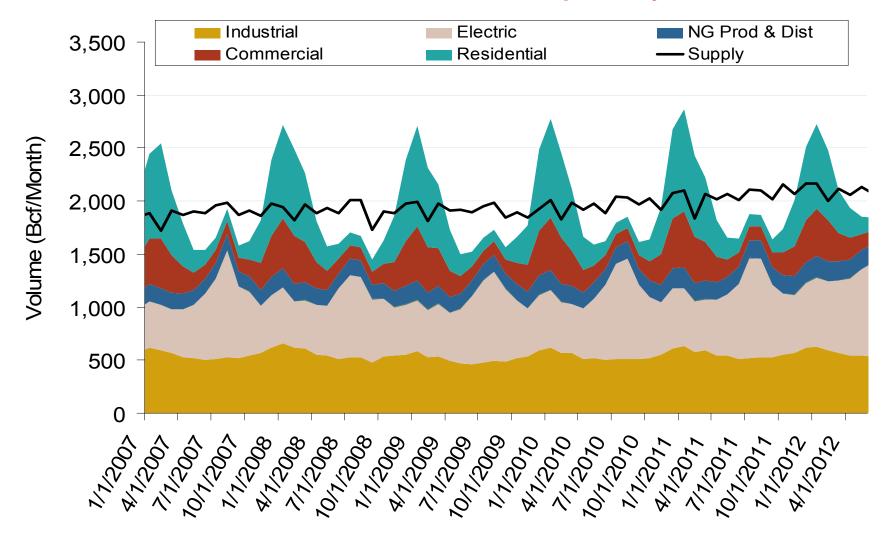
FGT Z3 Basis Increases



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



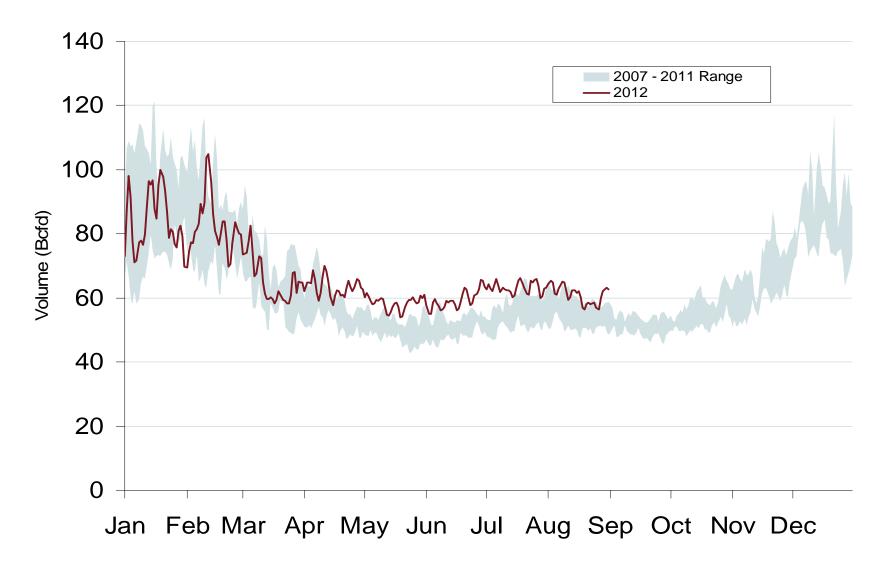
Annual U.S. Natural Gas Consumption by Sector



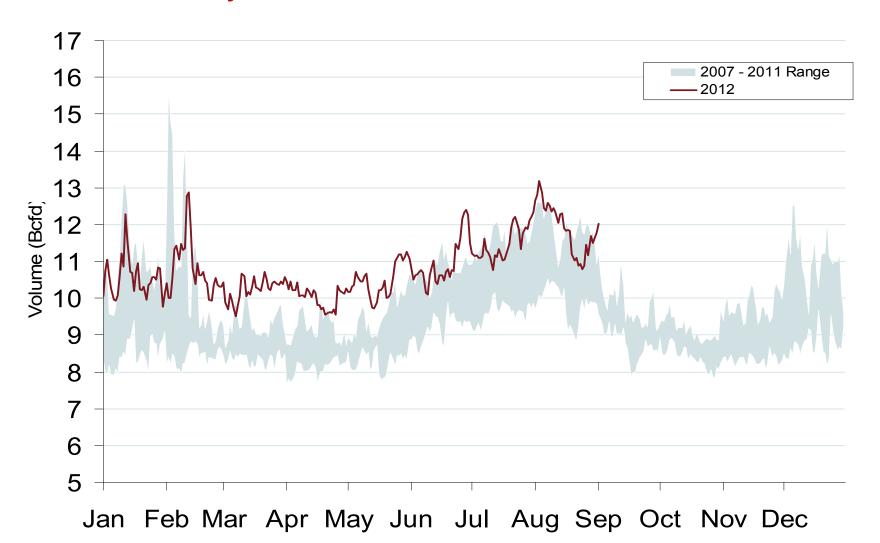
Notes: Supply includes lower 48 state production, net pipeline imports, and LNG imports

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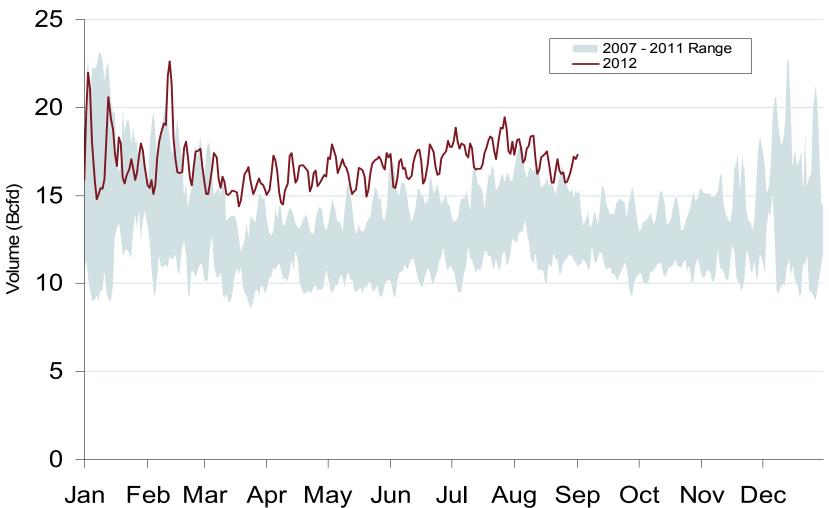
Total U.S. Natural Gas Demand All Sectors



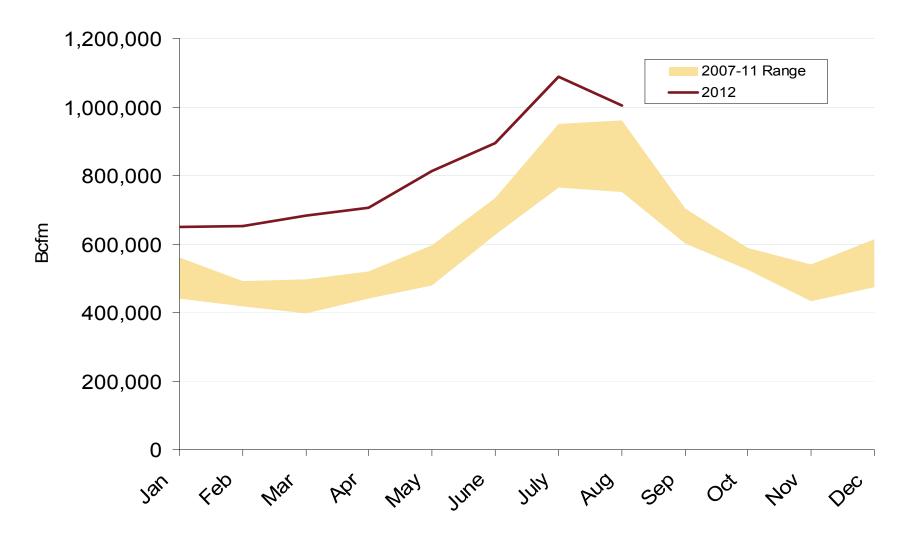
Daily Gulf Natural Gas Demand All Sectors



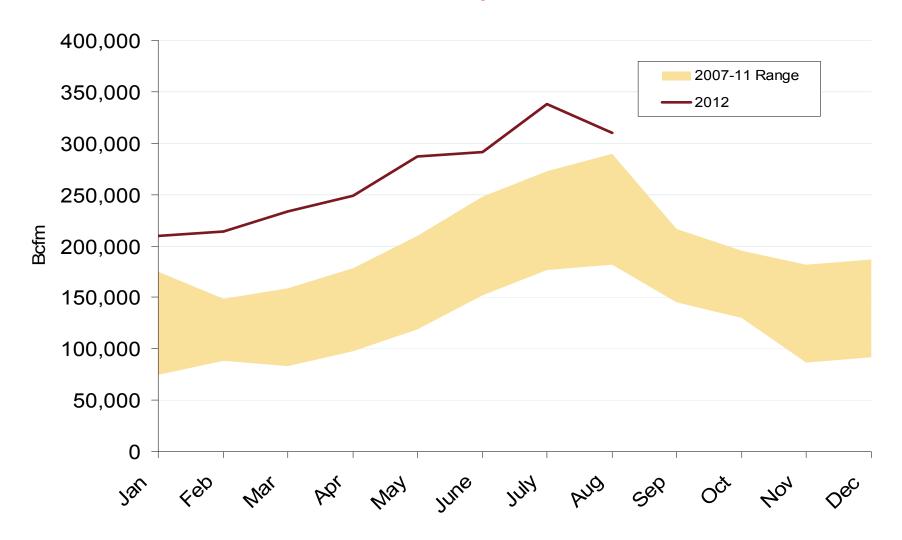
Daily Southeast Natural Gas Demand All Sectors



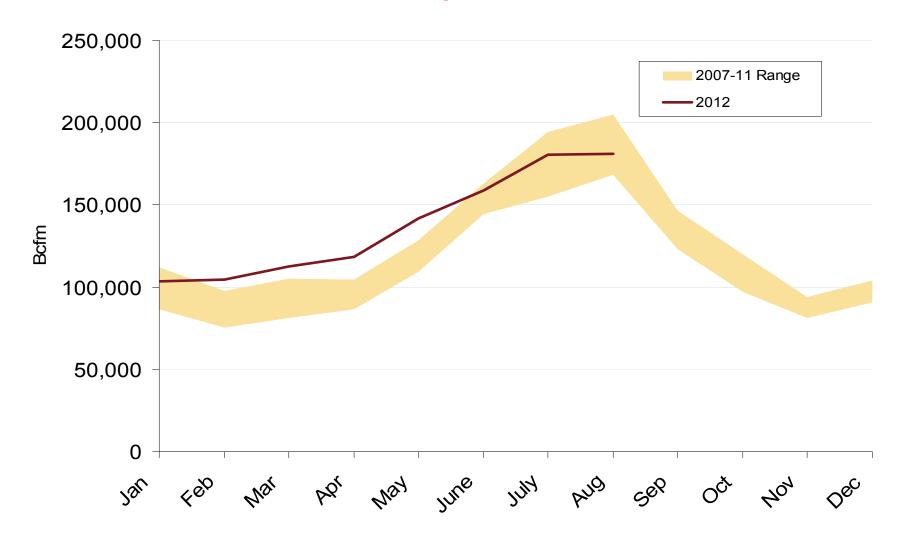
U.S. Natural Gas Consumption for Power Generation



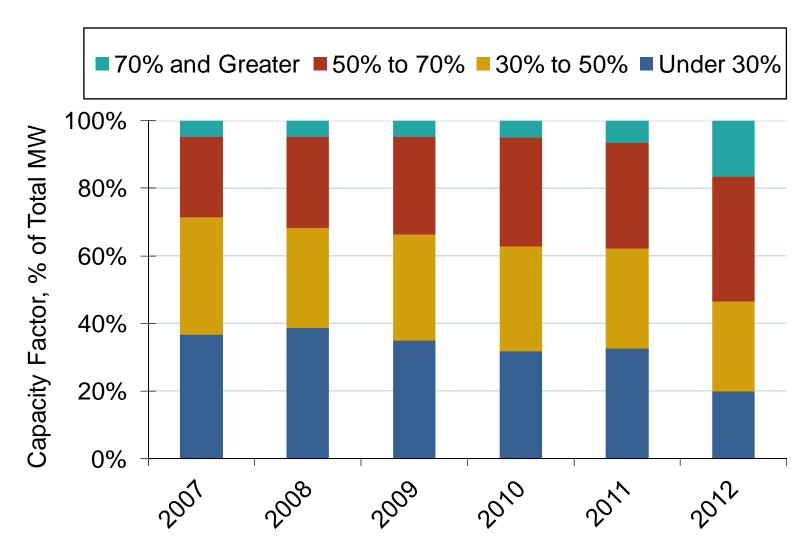
Southeast Natural Gas Consumption for Power Generation



Gulf Natural Gas Consumption for Power Generation

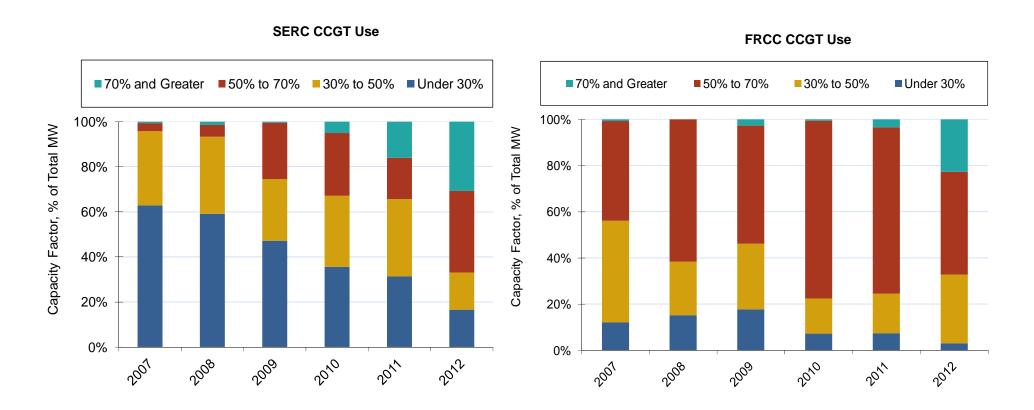


Major Shifts in U.S. CCGT Units Capacity Factors in 2012



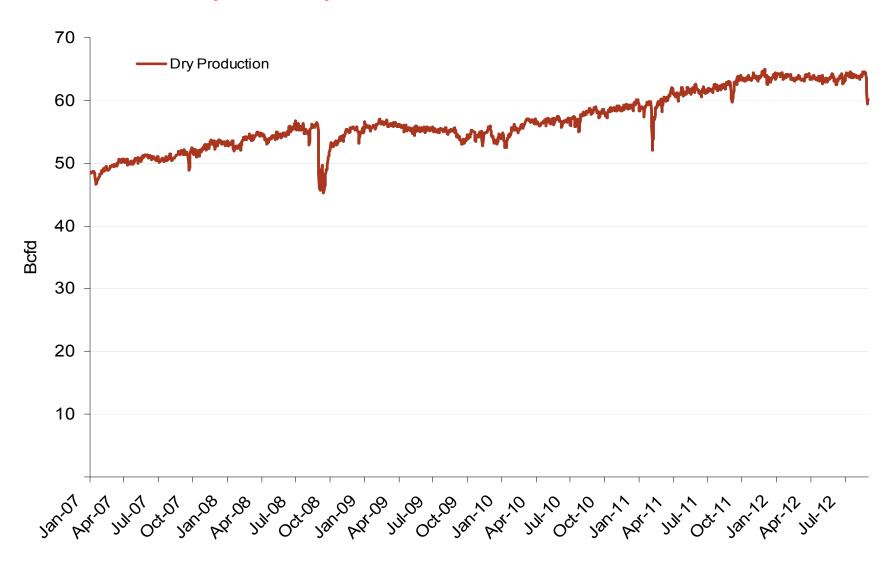
Note: CCGT-Combined Cycle Gas Turbines. The capacity factor of a plant as the annual number of MWh generated divided by the plants annual operating capability which is maximum load at which a generator can operate without exceeding approved plant stress limits. Source: Derived from SNL Data

While Coal Dominates SERC Capacity, CCGT Use on the Rise



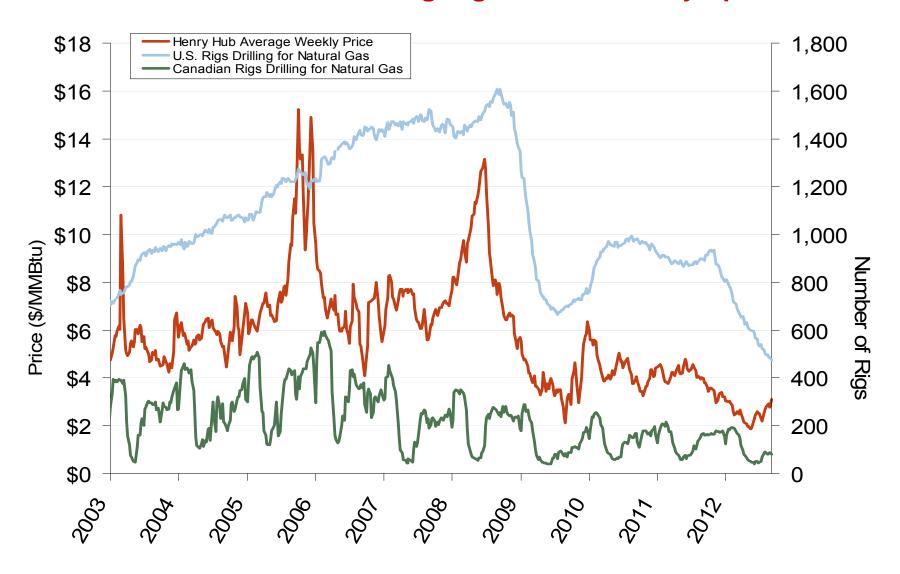
Note: CCGT-Combined Cycle Gas Turbines. The capacity factor of a plant as the annual number of MWh generated divided by the plants annual operating capability which is maximum load at which a generator can operate without exceeding approved plant stress limits. Source: Derived from SNL Data

Monthly U.S. Dry Gas Production – Lower 48 States



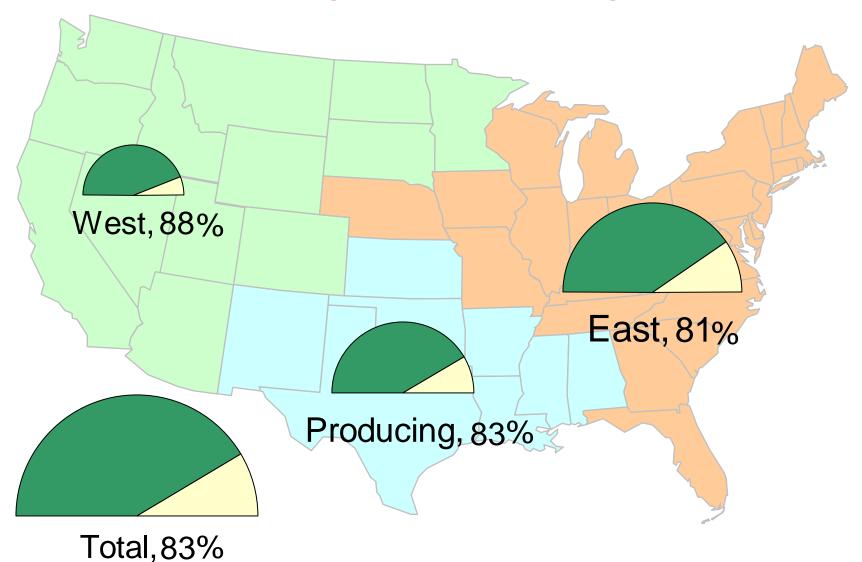
Note: Prior to July 2010, chart was derived from a combination of EIA and Bentek Energy data

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



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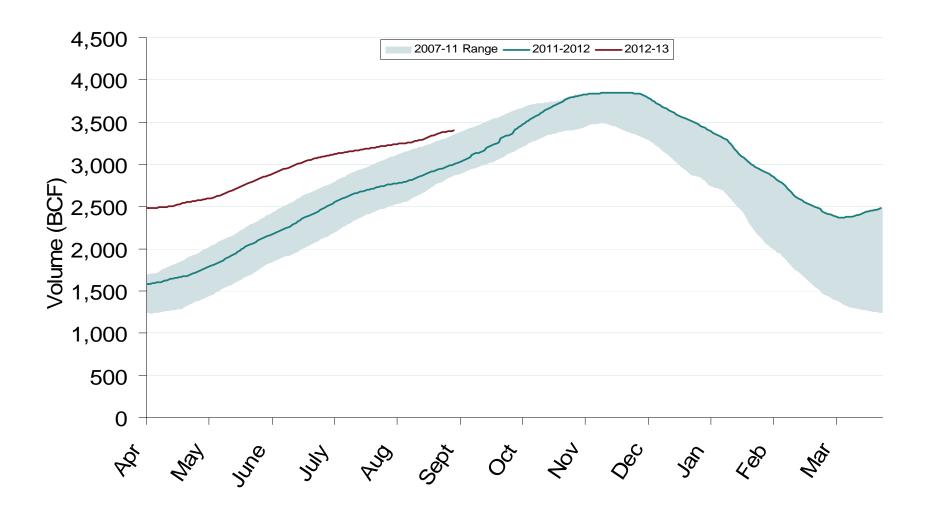
Natural Gas Storage Inventories – August 31, 2012



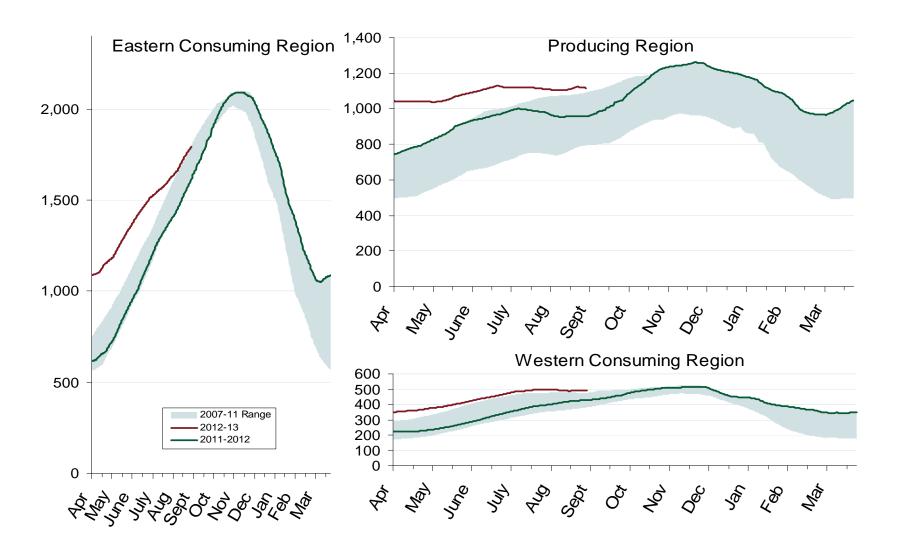
Source: Derived from EIA Storage and Estimated Working Gas Capacity data

September 2012 Southeast Snapshot Report

Total U.S. Working Gas in Storage



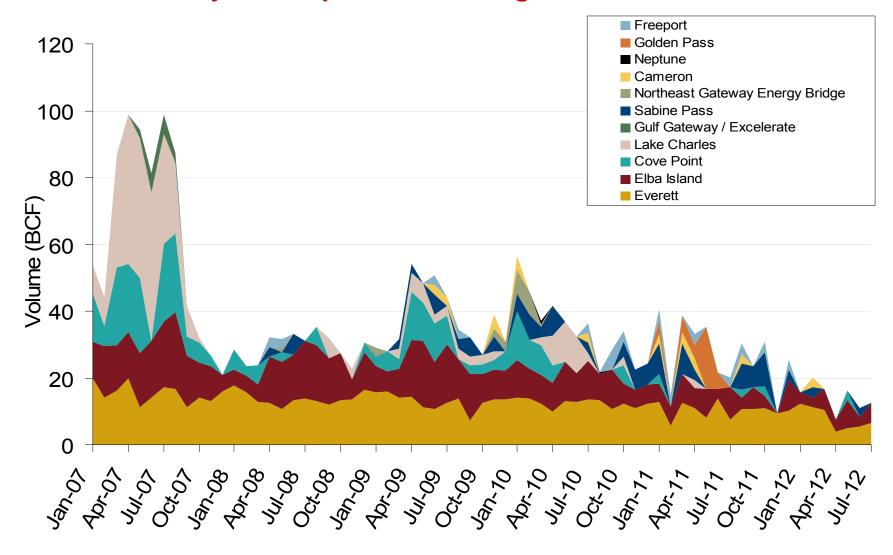
Regional Totals of Working Gas in Storage



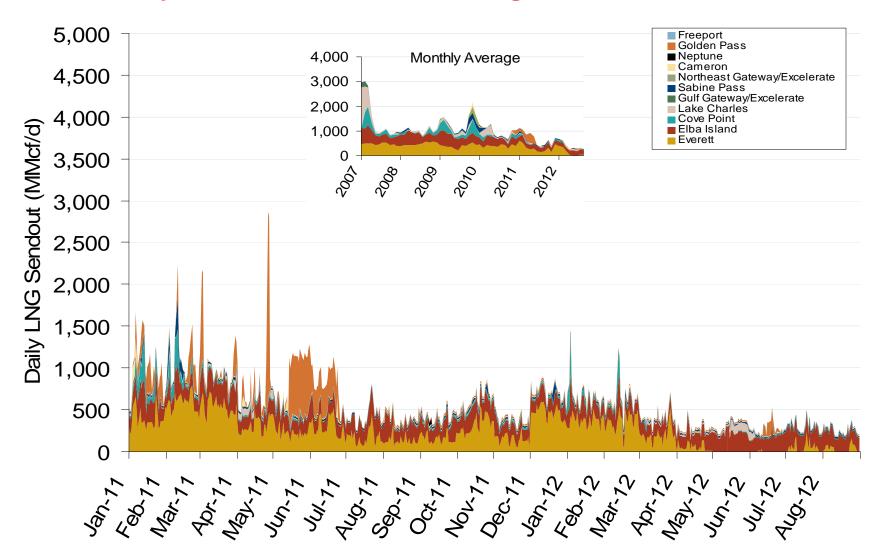
World LNG Estimated October 2012 Landed Prices



Monthly Gas Imports at Existing U.S. LNG Facilities

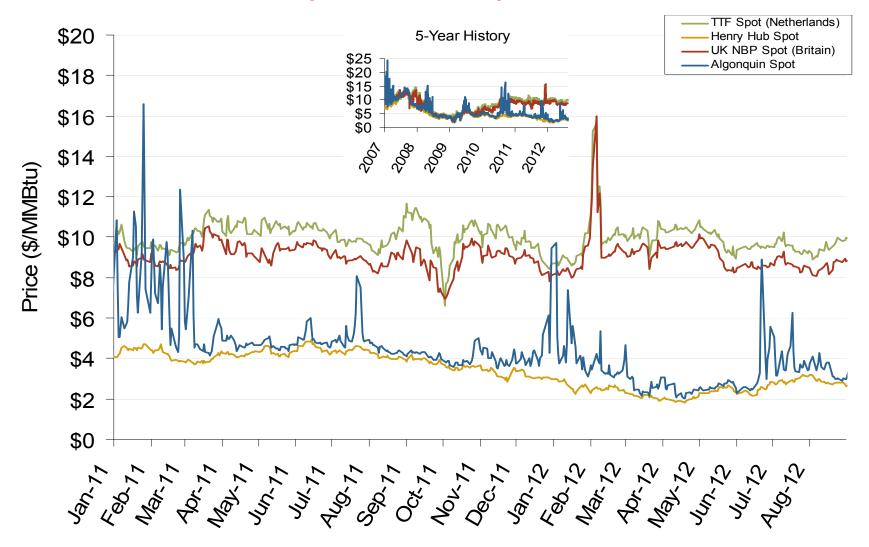


Daily Gas Sendout from Existing U.S. LNG Facilities

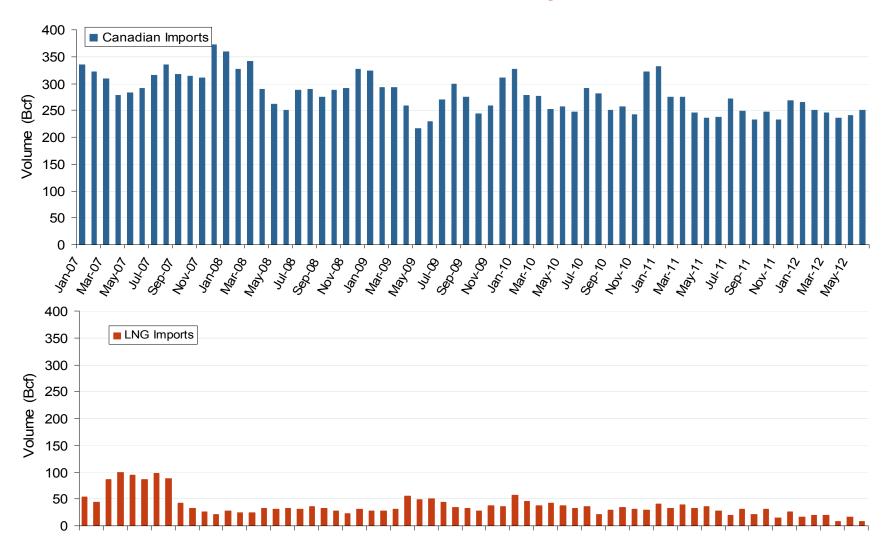


Notes: Everett data includes flows onto the AGT and TGP interstate lines, plus estimates of flows to the Mystic 7 power plant, Keyspan BostonGas, and LNG trucked out of the terminal. Excludes flows to the Freeport LNG which flows via intrastate pipelines and flows to the Mystic 8 and 9 power plants.

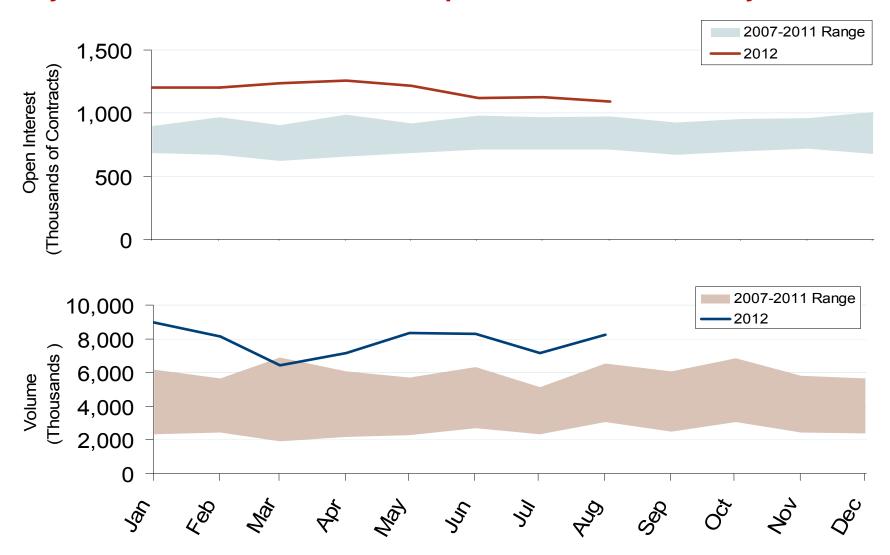
Atlantic Basin European and US Spot Natural Gas Prices



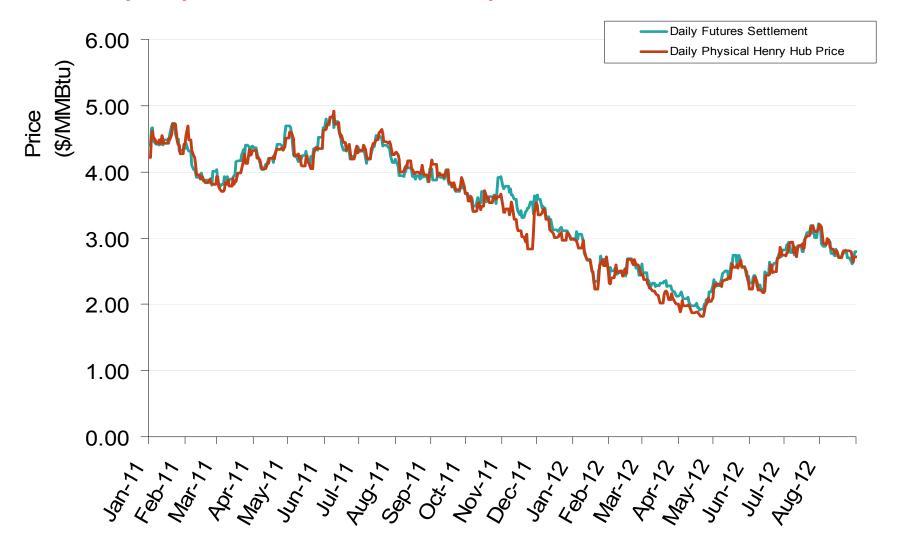
Canadian and LNG Natural Gas Imports Into the U.S.



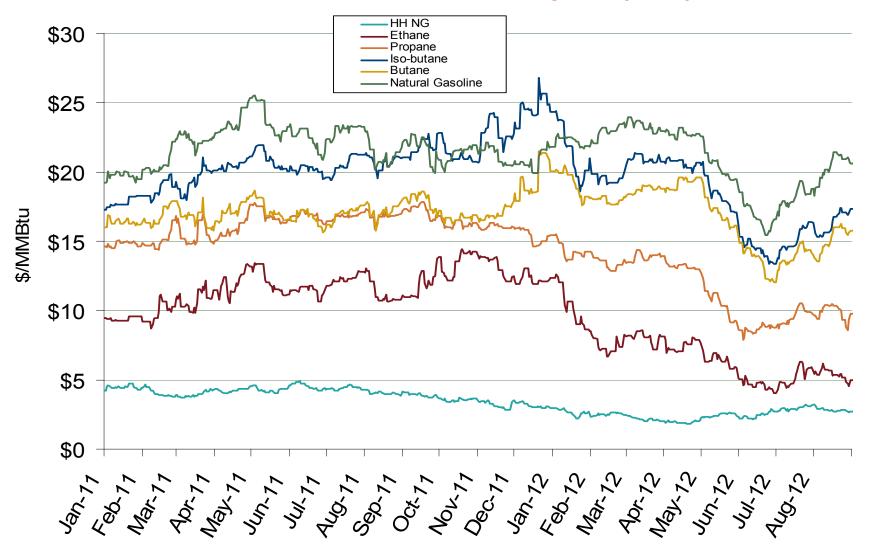
Nymex NG Futures Month-End Open Interest and Monthly Volume



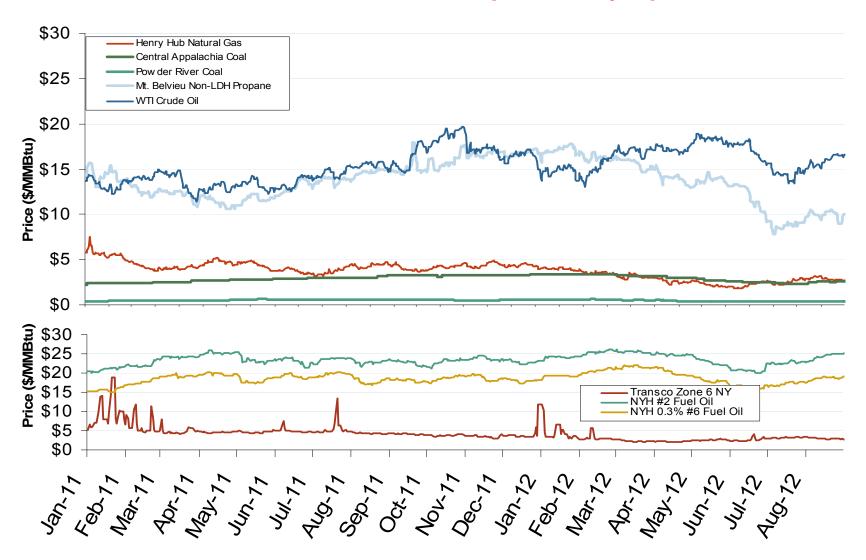
Daily Physical Index Price & Daily Futures Settlement Price



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

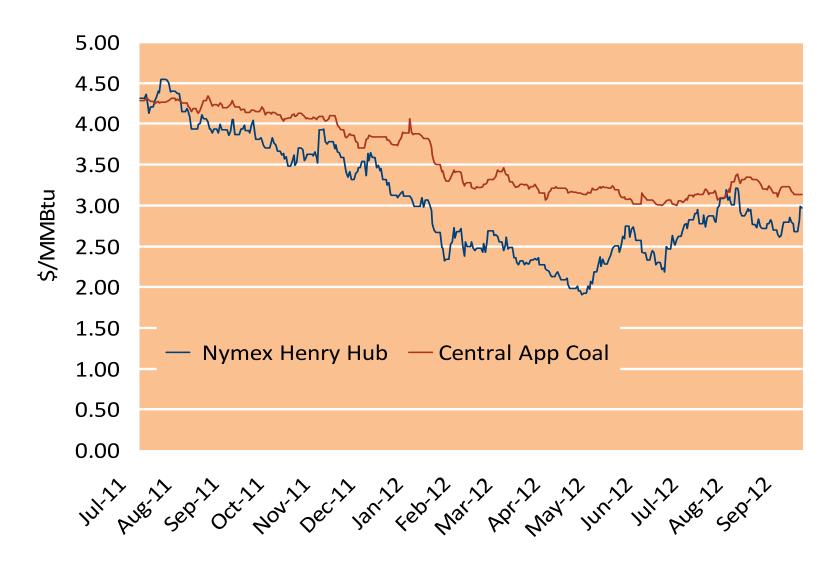


Oil, Coal, Natural Gas and Propane Daily Spot Prices

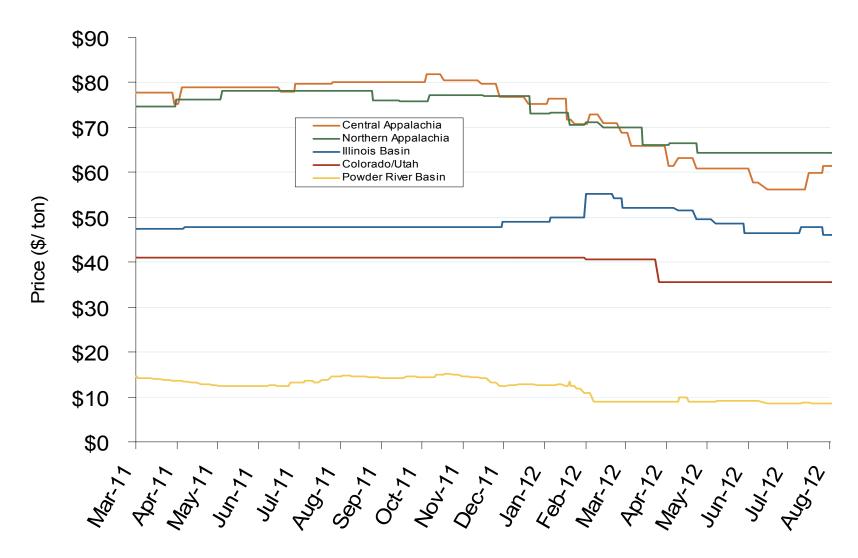


Notes: Coal prices are quoted in \$/ton. Conversion factors to \$/MMBtu are based on contract specifications of 12,000 btus/pound for Central Appalachian coal and 8800 btus/pound for Powder River Basin coal

Gas Prices Reach Parity with Coal



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

U.S. Coal Stockpiles at Electric Power Generating Facilities

