OE ENERGY MARKET SNAPSHOT

Mid-Atlantic States Version – August 2012 Data

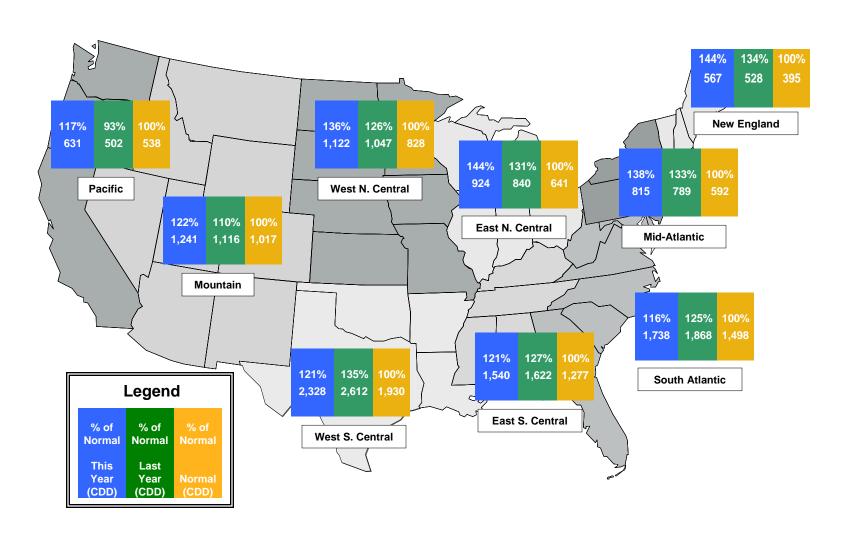
Office of Enforcement
Federal Energy Regulatory Commission
September 2012

Infrastructure Report

August Infrastructure Report

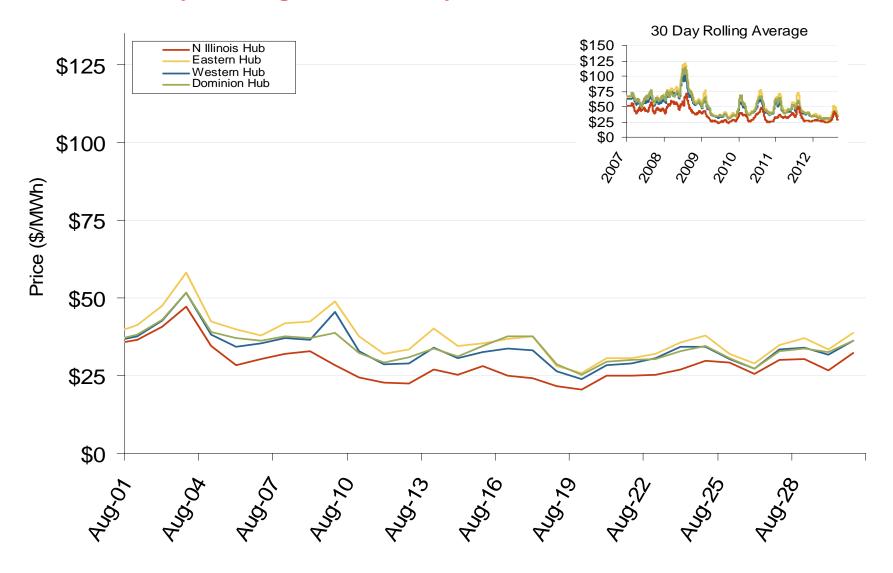
Weather

Regional Cooling Degree Days – January to August 2012

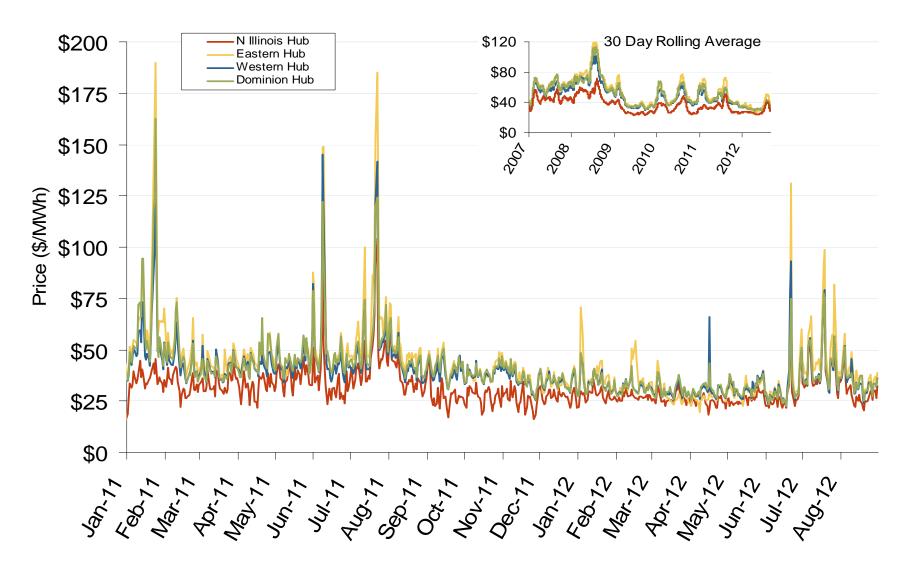


Electricity Markets

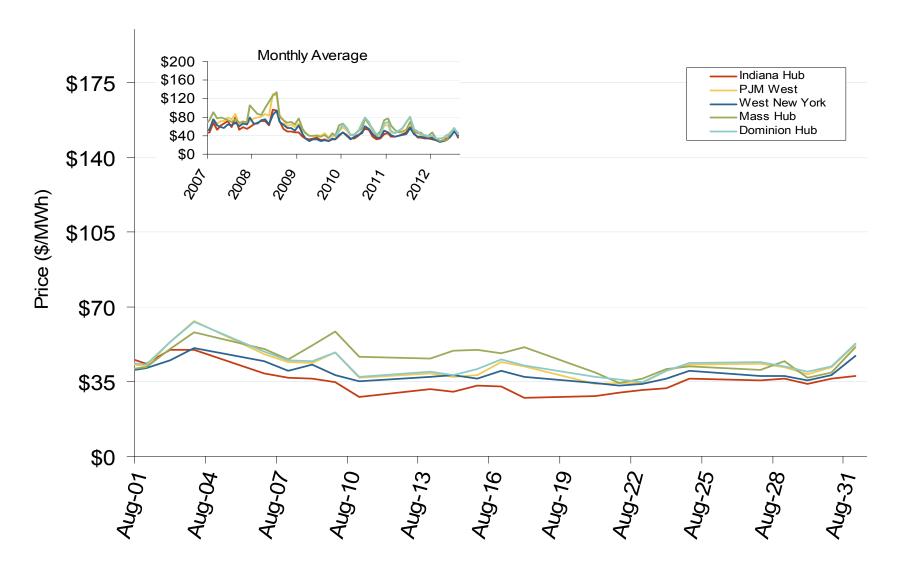
Daily Average of PJM Day-Ahead Prices - All Hours



Daily Average of PJM Day-Ahead Prices - All Hours

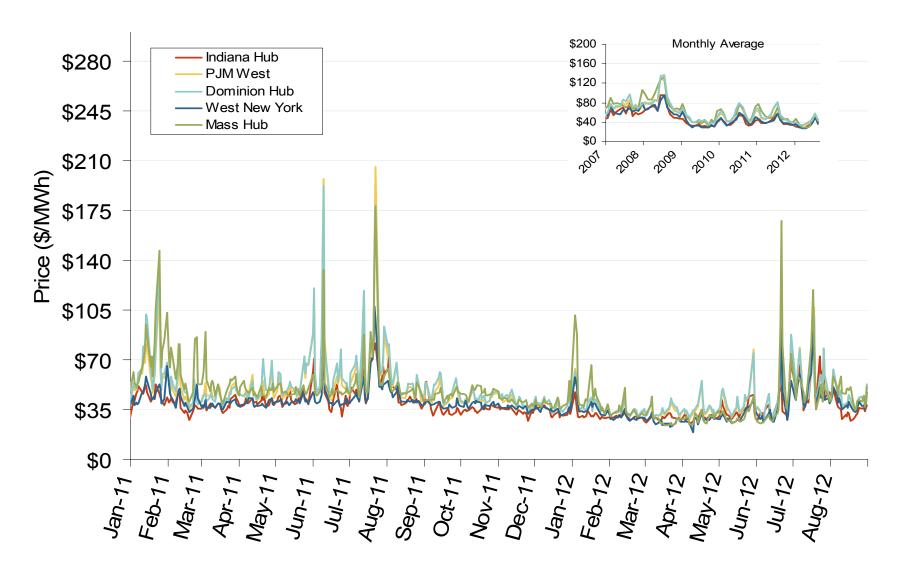


Eastern Daily Index Day-Ahead On-Peak Prices

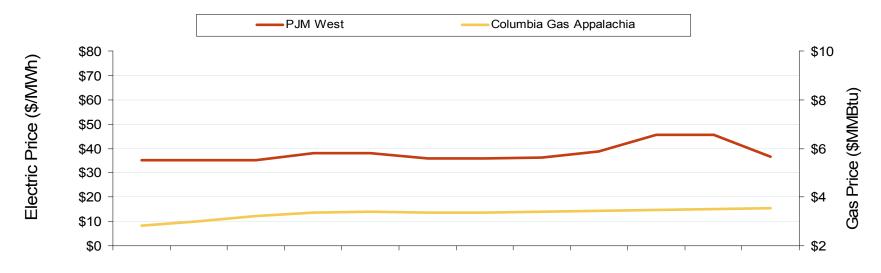


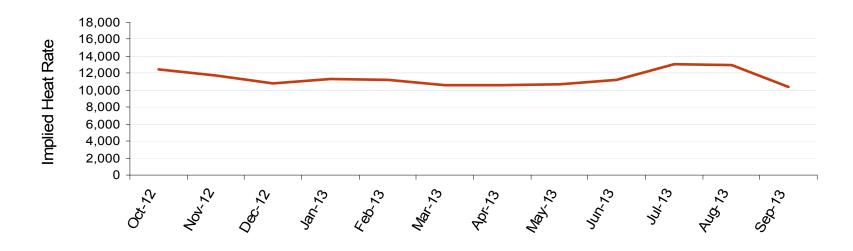
Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

Eastern Daily Index Day-Ahead On-Peak Prices

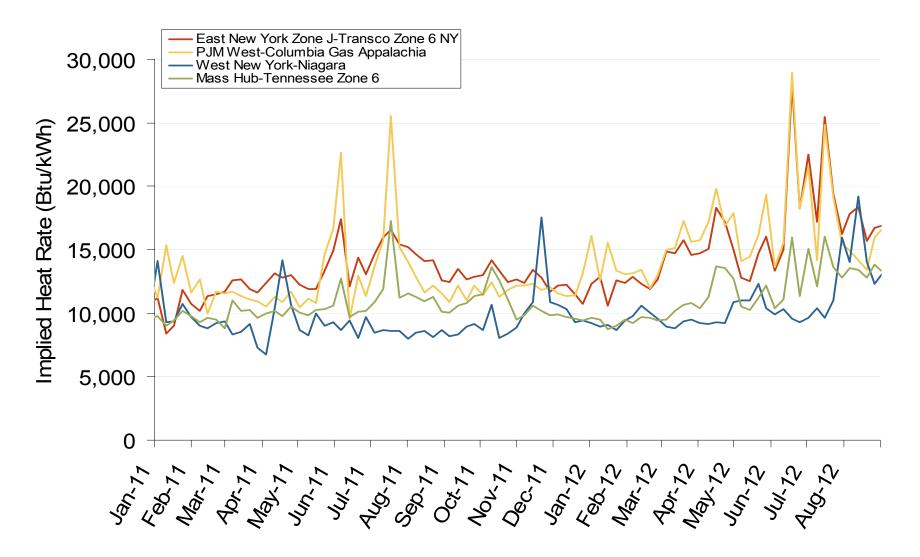


PJM West Electric Forward Price Curves and Implied Heat Rates

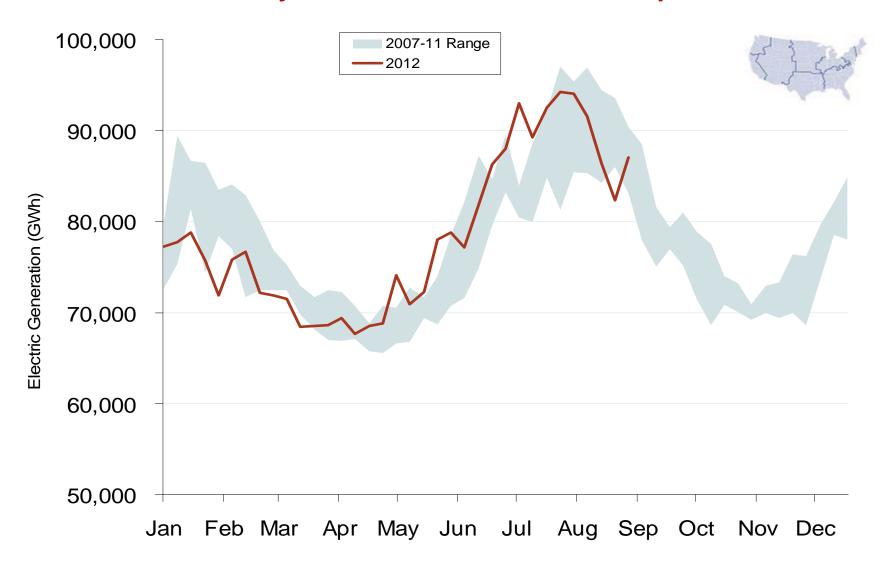




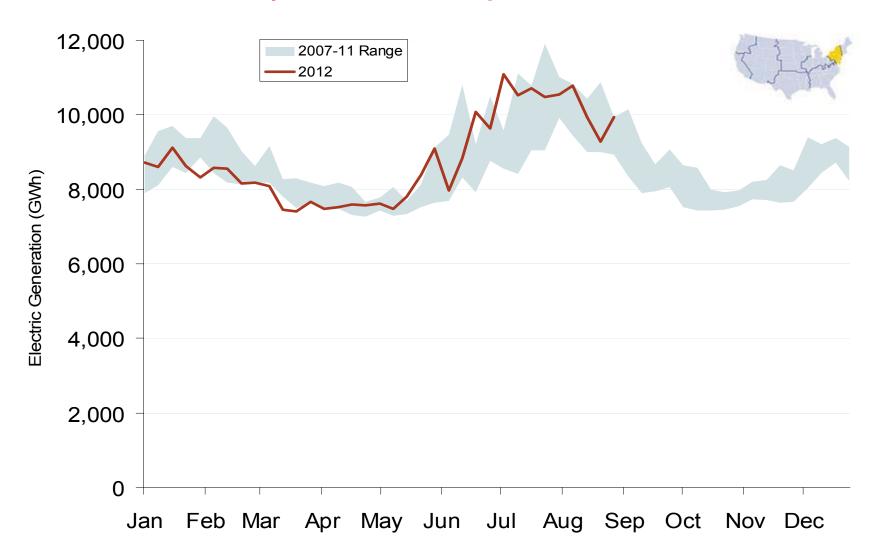
Implied Heat Rates at Eastern Trading Points - Weekly Avgs.



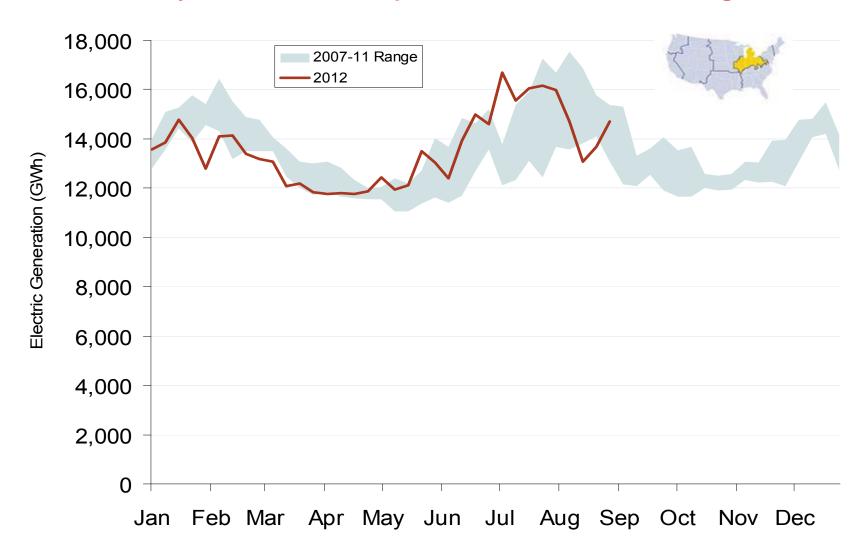
Weekly U.S. Electric Generation Output



Weekly Generation Output - Mid Atlantic



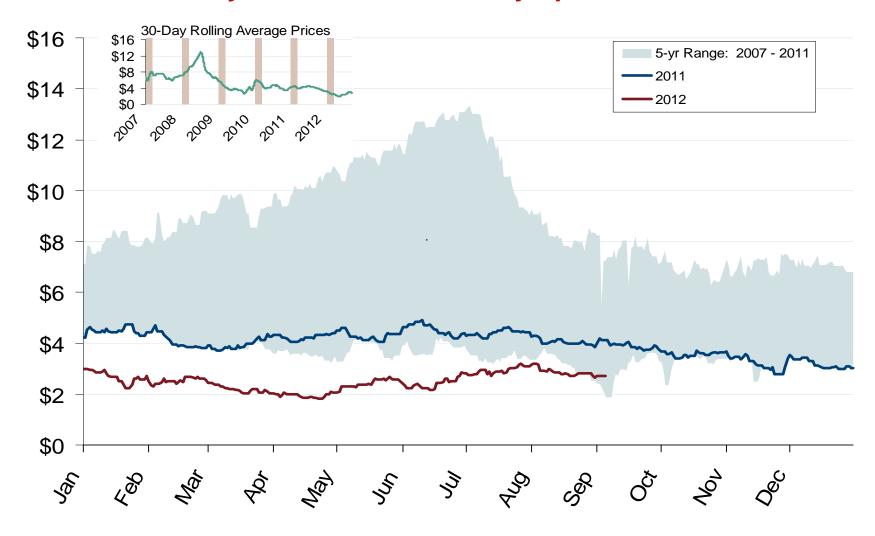
Weekly Generation Output - Central Industrial Region



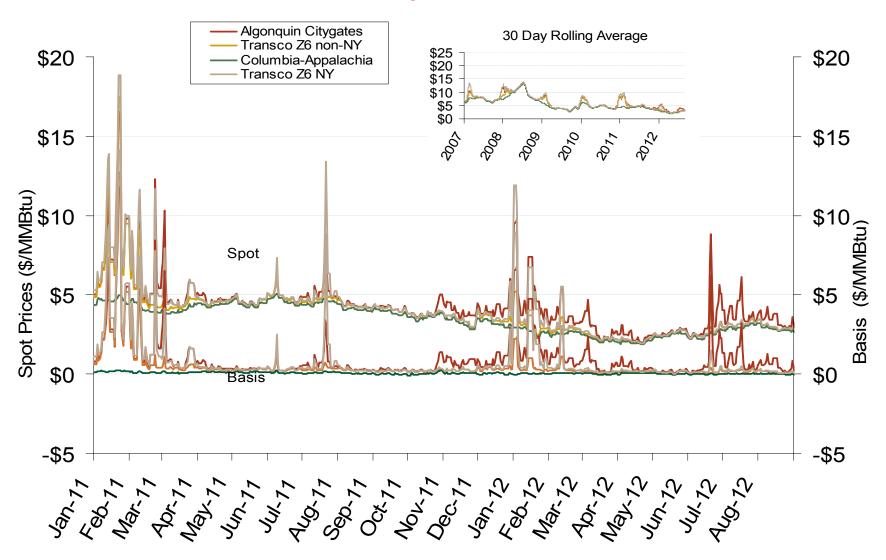
Natural Gas and Fuels Markets

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

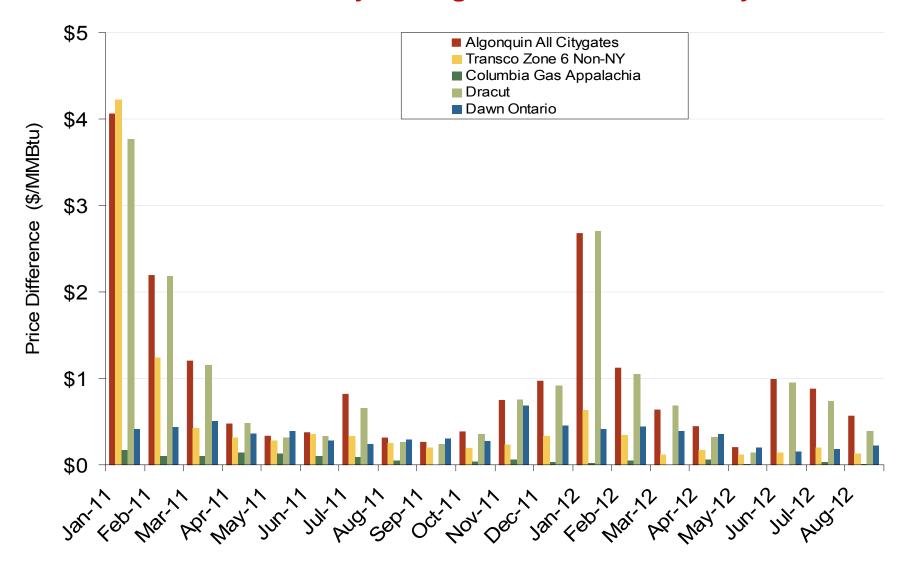
Henry Hub Natural Gas Daily Spot Prices



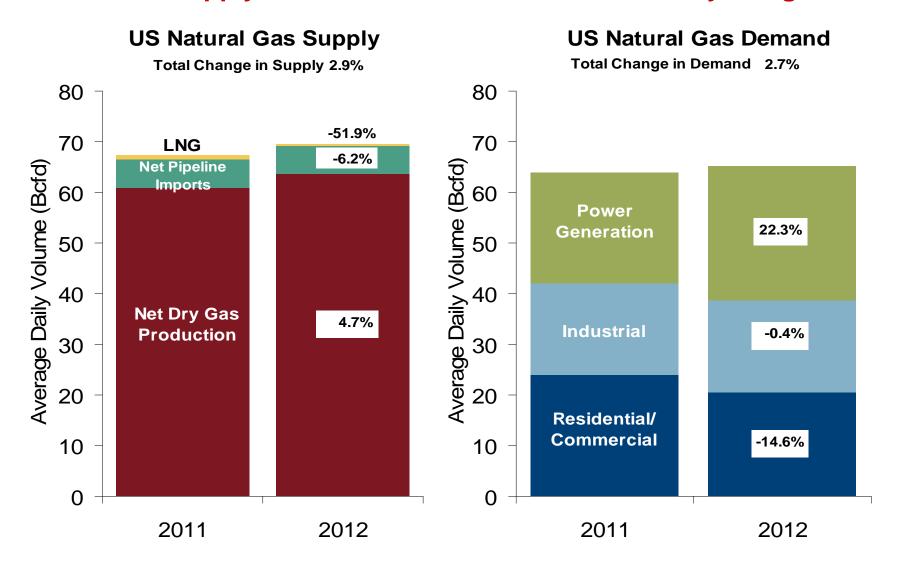
Northeastern Spot Prices and Basis



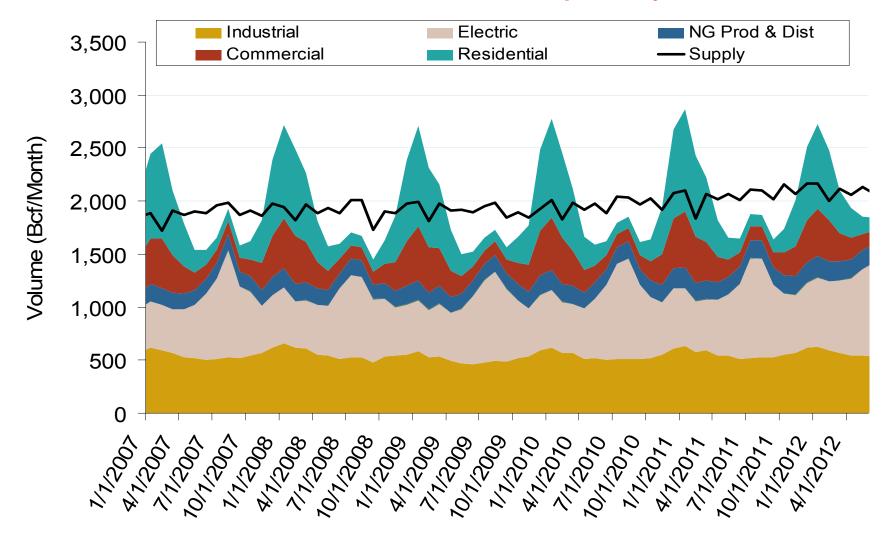
Northeastern Monthly Average Basis Value to Henry Hub



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

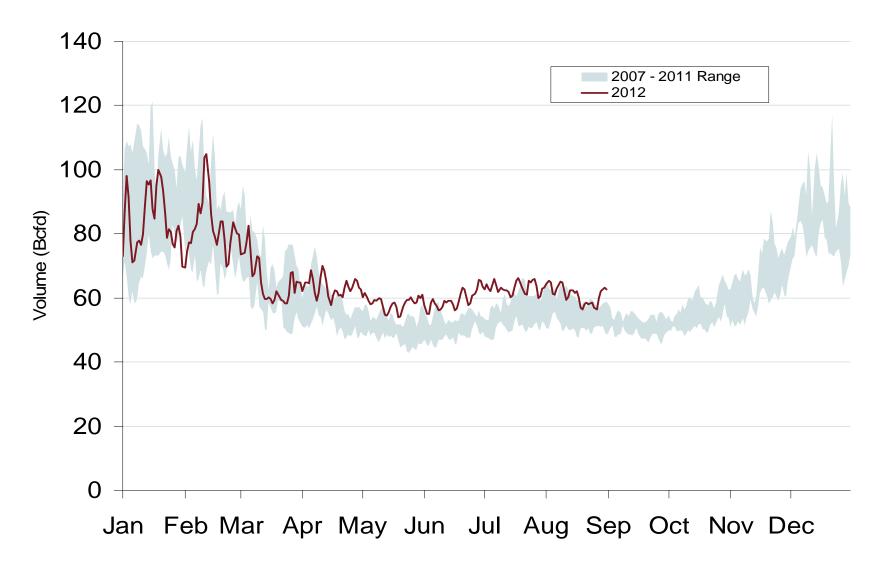


Annual U.S. Natural Gas Consumption by Sector

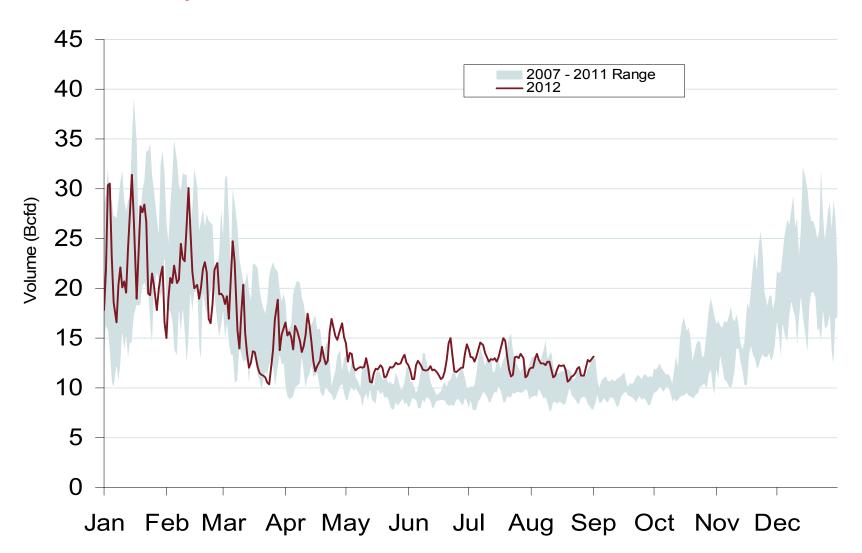


Notes: Supply includes lower 48 state production, net pipeline imports, and LNG imports

Total U.S. Natural Gas Demand All Sectors

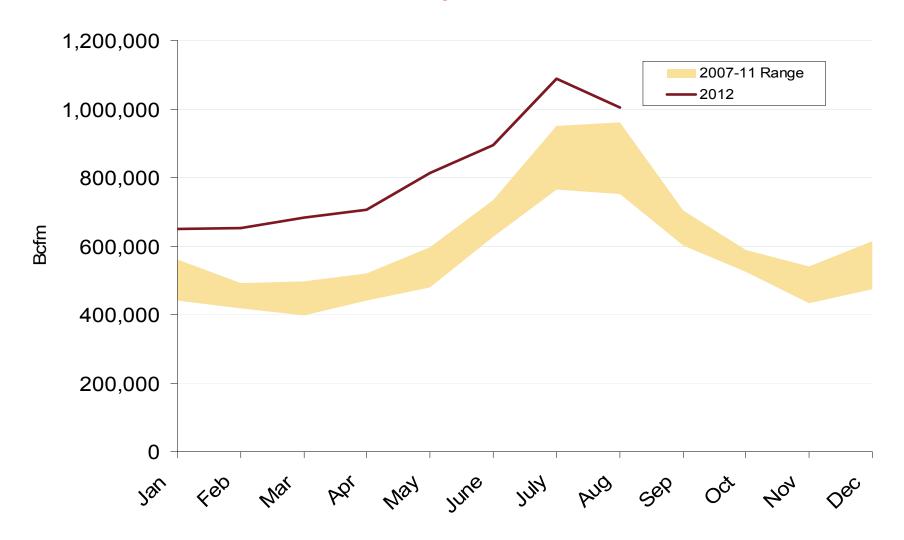


Daily Northeast Natural Gas Demand All Sectors

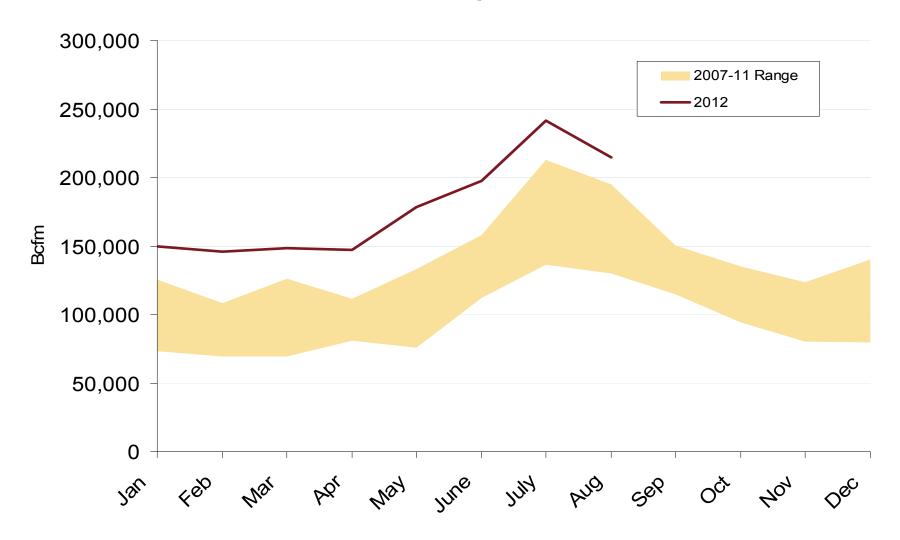


Federal Energy Regulatory Commission • Market Oversight • www.ferc.gov/oversight

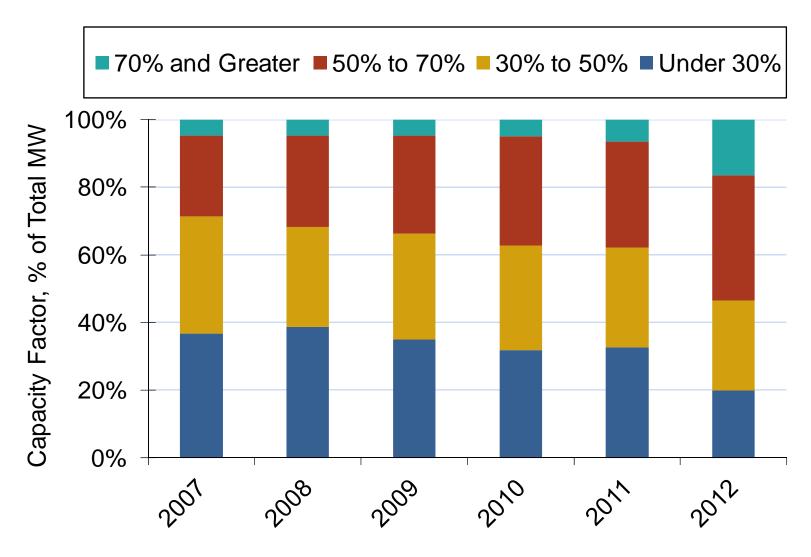
U.S. Natural Gas Consumption for Power Generation



Northeast Natural Gas Consumption for Power Generation

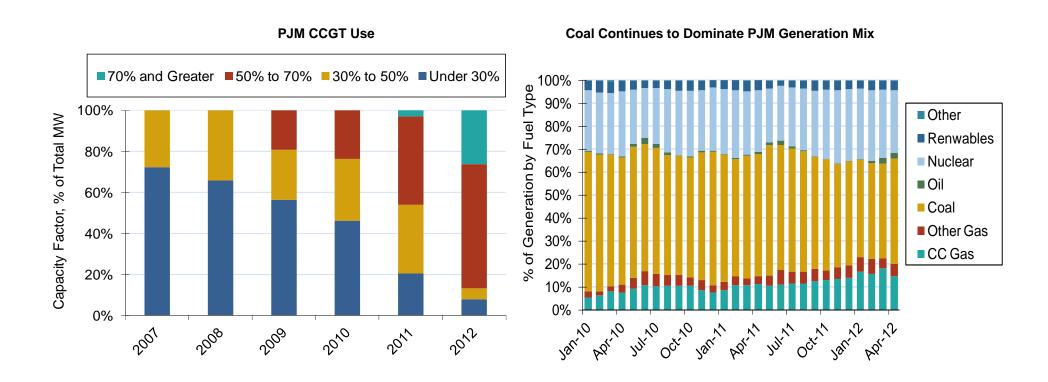


Major Shifts in U.S. CCGT Units Capacity Factors in 2012



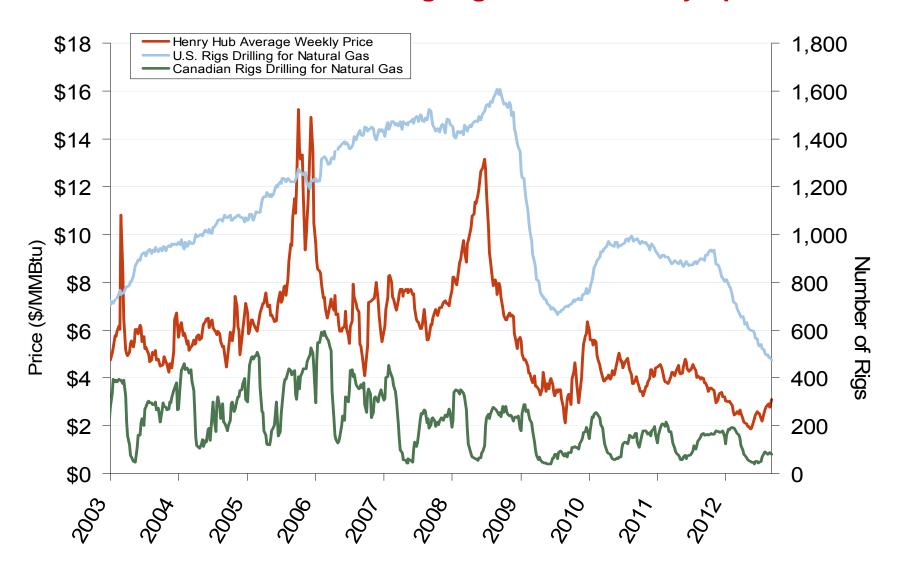
Note: CCGT-Combined Cycle Gas Turbines. The capacity factor of a plant as the annual number of MWh generated divided by the plants annual operating capability which is maximum load at which a generator can operate without exceeding approved plant stress limits. Source: Derived from SNL Data

PJM Ramps-up CCGT Use Although Continues Reliance on Coal



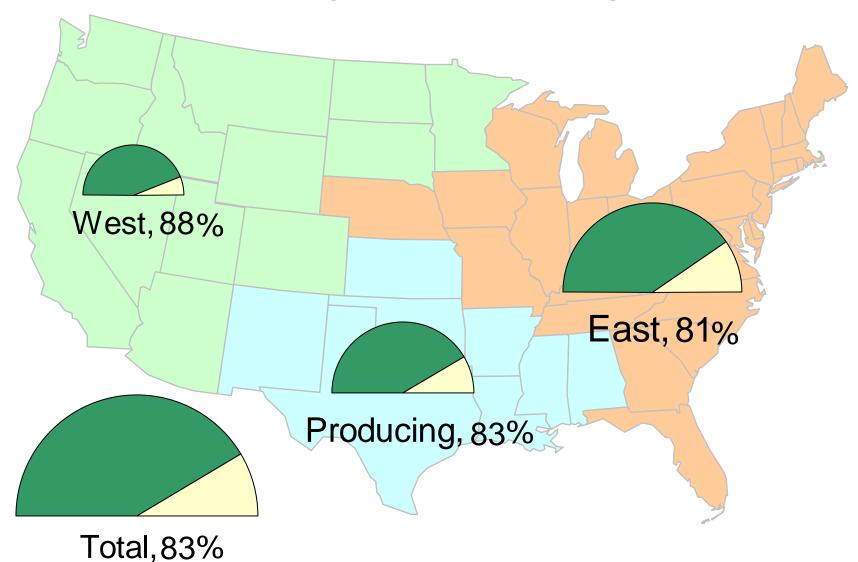
Note: CCGT-Combined Cycle Gas Turbines. The capacity factor of a plant as the annual number of MWh generated divided by the plants annual operating capability which is maximum load at which a generator can operate without exceeding approved plant stress limits. Source: Derived from SNL Data

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



Federal Energy Regulatory Commission • Market Oversight @ FERC.gov

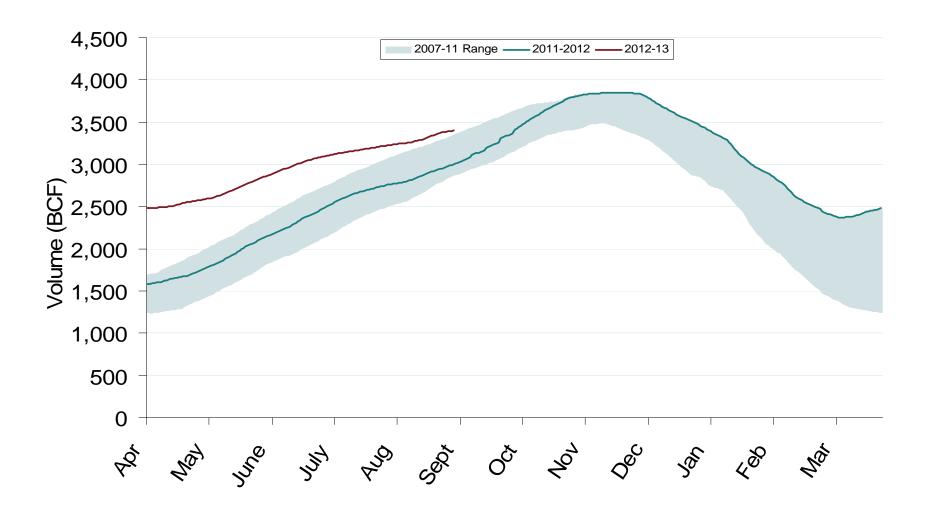
Natural Gas Storage Inventories – August 31, 2012



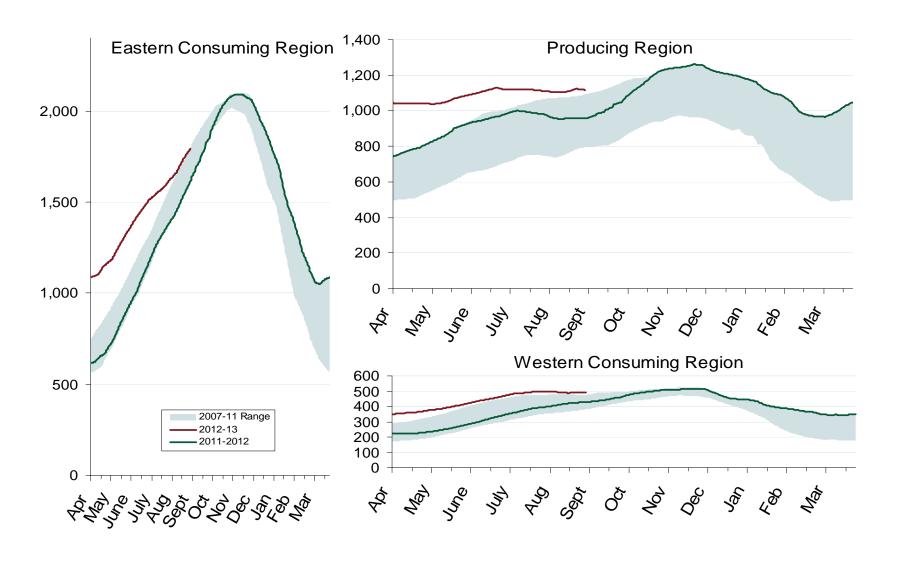
Source: Derived from EIA Storage and Estimated Working Gas Capacity data

September 2012 Mid-Atlantic Snapshot Report

Total U.S. Working Gas in Storage



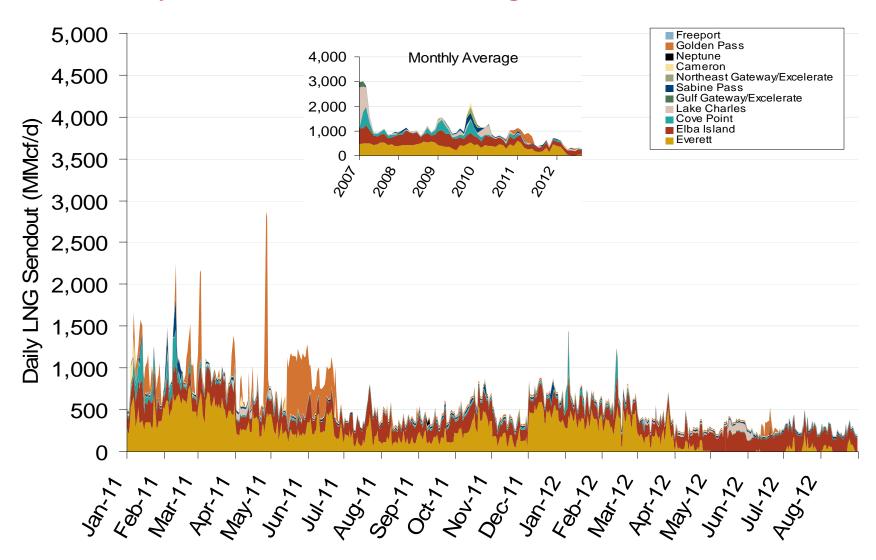
Regional Totals of Working Gas in Storage



World LNG Estimated October 2012 Landed Prices

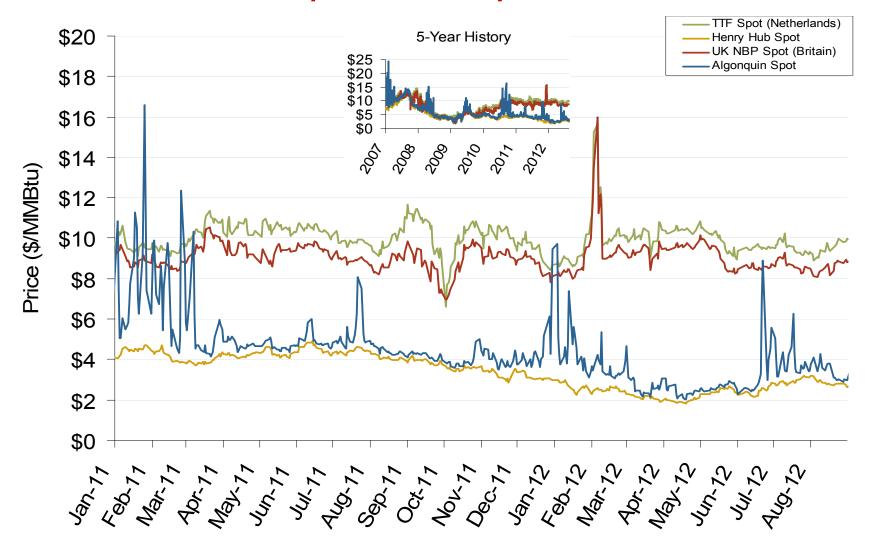


Daily Gas Sendout from Existing U.S. LNG Facilities

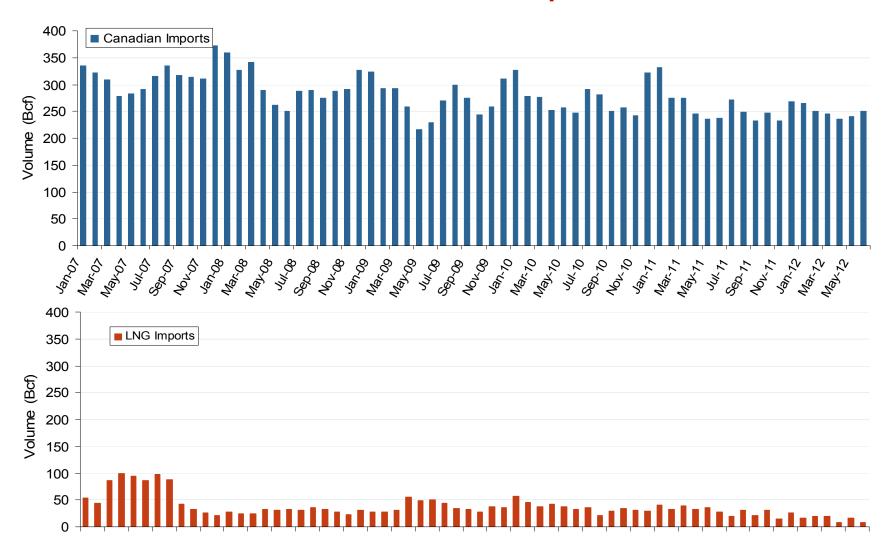


Notes: Everett data includes flows onto the AGT and TGP interstate lines, plus estimates of flows to the Mystic 7 power plant, Keyspan BostonGas, and LNG trucked out of the terminal. Excludes flows to the Freeport LNG which flows via intrastate pipelines and flows to the Mystic 8 and 9 power plants.

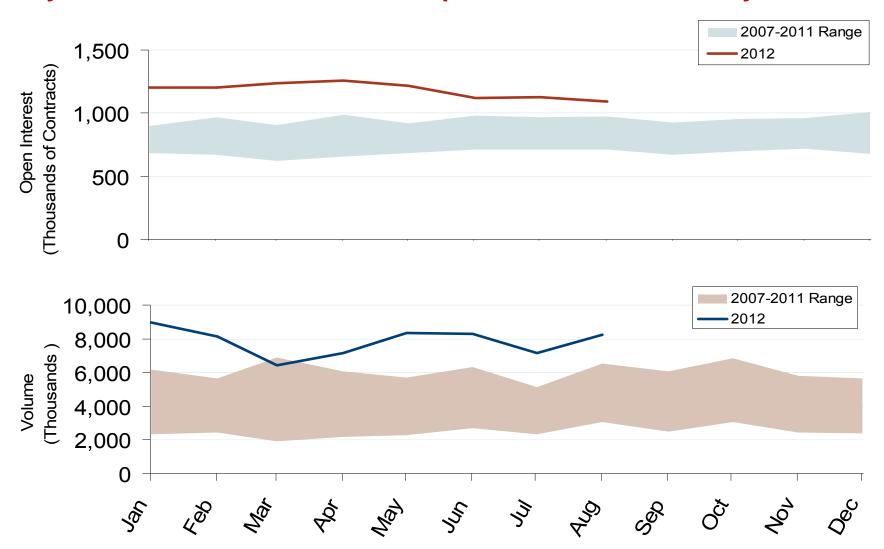
Atlantic Basin European and US Spot Natural Gas Prices



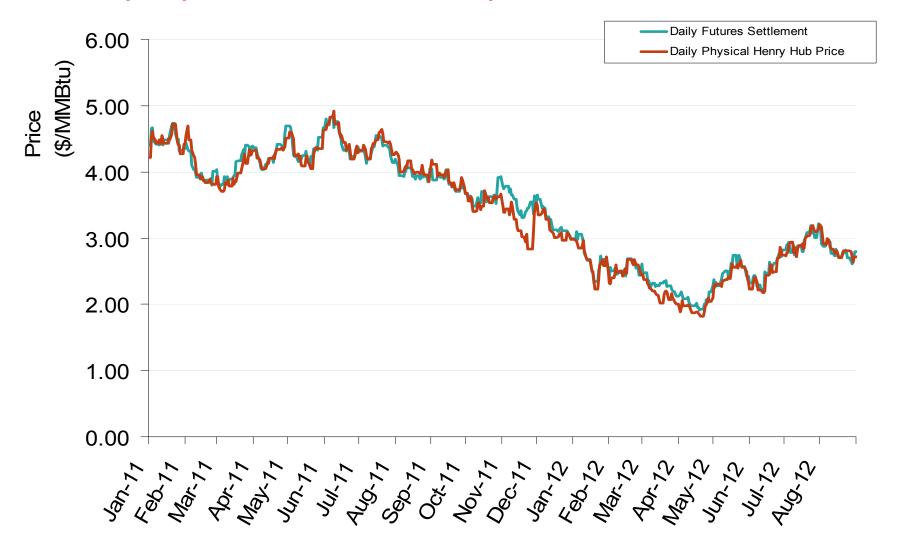
Canadian and LNG Natural Gas Imports Into the U.S.



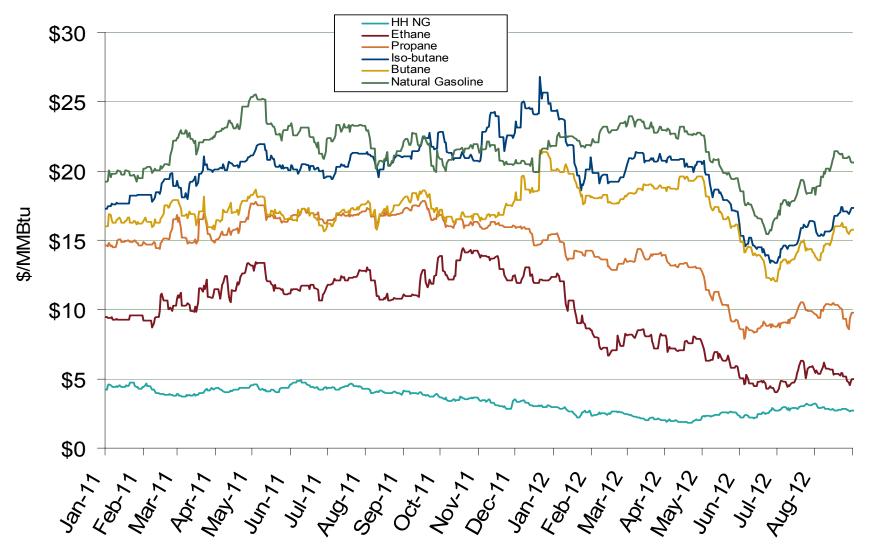
Nymex NG Futures Month-End Open Interest and Monthly Volume



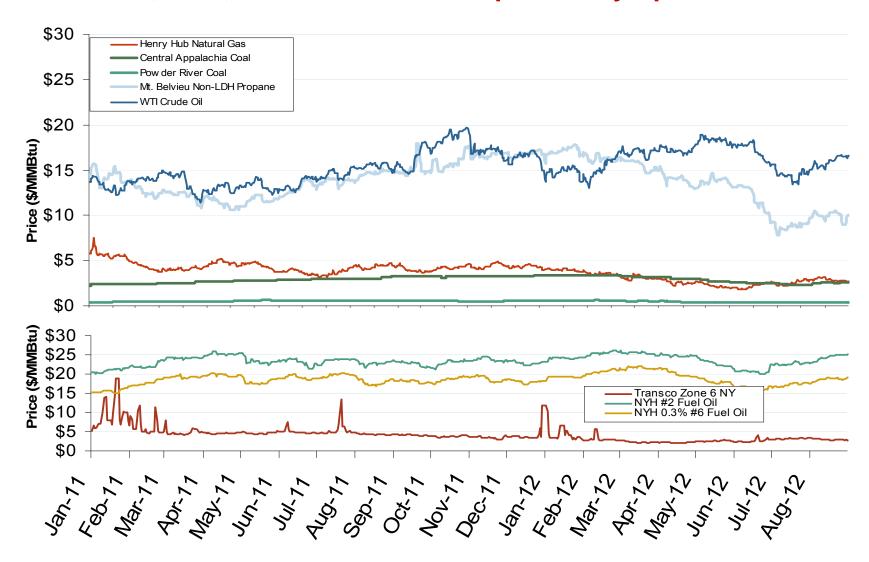
Daily Physical Index Price & Daily Futures Settlement Price



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

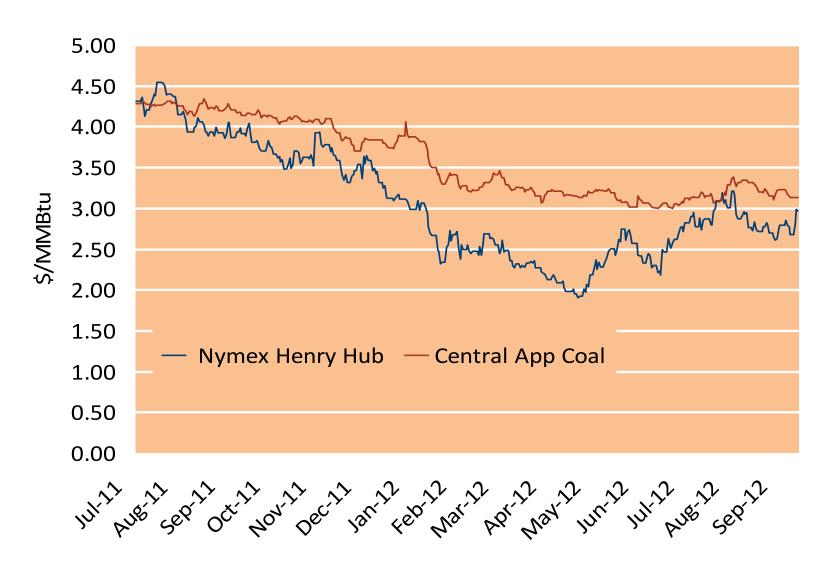


Oil, Coal, Natural Gas and Propane Daily Spot Prices



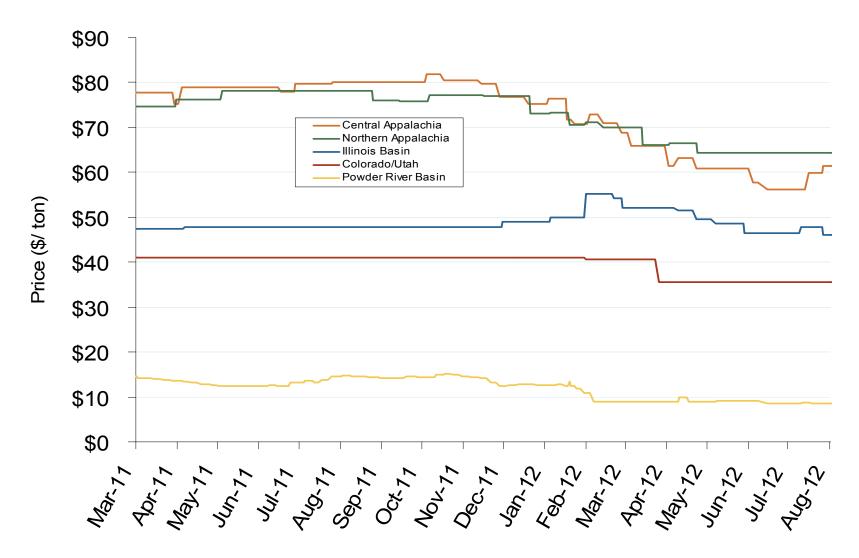
Notes: Coal prices are quoted in \$/ton. Conversion factors to \$/MMBtu are based on contract specifications of 12,000 btus/pound for Central Appalachian coal and 8800 btus/pound for Powder River Basin coal

Gas Prices Reach Parity with Coal



Source: Bloomberg Updated July, 2012

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

