



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Friday Evening, June 25, 2010

Major Developments

Storms Knock Out Power to More than 393,000 Customers across U.S. Northeast June 24-25

Storms cut power to an estimated 393,800 customers in Pennsylvania, New Jersey, New York, and Connecticut on June 24-25, multiple sources reported. Heavy winds and a possible tornado caused widespread damage in the towns of Bridgeport and Stratford, Connecticut. Both of the town's mayors declared states of emergency. PECO, the hardest-hit utility, said some customers could remain without power for two or three days. The following table lists peak and current outage figures, based on latest available data.

U.S. Northeast Customer Power Outages June 24 – June 25, 2010			
Electric Utility	State	Peak	Latest Reported
PECO	PA	215,000	100,000
Met-Ed	PA	17,000	200
Atlantic City Electric	NJ	65,000	55,612
United Illuminating	CT	57,000	12,242
Connecticut Light & Power	CT	3,800	103
Long Island Power Authority	NY	36,000	14,502
TOTAL *		393,800	182,659

*Total outages only represent electric utilities listed in this table.

Sources:

PECO: <http://www.peco.com/stormcentral> ,
<http://www.google.com/hostednews/ap/article/ALeqM5gToxGRg5OgeiVpIIcklfwJCmigjD9GIFMJ80> ,
<http://www.istockanalyst.com/article/viewiStockNews/articleid/4250970>
Met-Ed: http://www.pennlive.com/midstate/index.ssf/2010/06/storm_cleanup_continues_in_leb.html
Atlantic City Electric: <http://www.atlanticcityelectric.com/home/emergency/maps/stormcenter/> ,
http://www.pressofatlanticcity.com/news/top_three/article_ca75eaf8-7fda-11df-8d6e-001cc4c03286.html
United Illuminating: http://www.uinet.com/wps/PA_TownOutages/faces/jsp/TownOutageGraphPrint.jsp ,
<http://webstv.com/local/bridgeport.storm.damage.2.1771193.html> ,
<http://www.greenwichtime.com/news/article/Possible-tornado-wallops-Bridgeport-region-535832.php#page-2> ,
<http://www.newser.com/article/d9gib8i80/bridgeport-conn-surveys-damage-from-storm-that-knocked-down-buildings-tore-off-roofs.html>
Connecticut Light & Power: <http://www.cl-p.com/outage/default.aspx> ,
<http://www.newser.com/article/d9gib8i80/bridgeport-conn-surveys-damage-from-storm-that-knocked-down-buildings-tore-off-roofs.html>
<http://twitter.com/MayorBillFinch>
Long Island Power Authority: <http://www.lipower.org/stormcenter/outages/township.html> ,
http://www.nypost.com/p/news/local/blown_away_k437XuCwkwFGKuq5uWd2bK

BP Detects MC252 Well from Relief Well in Gulf of Mexico by June 25

After the relief well reached a depth of 16,275 feet on June 23, workers removed the drillstring to carry out the first 'ranging' run using wireline. During the ranging run, the MC252 well was successfully detected. Subsequent ranging runs will be needed to more precisely locate the well. Drilling and ranging operations will continue over the next few weeks towards the target intercept depth of approximately 18,000 feet, when 'kill' operations are expected to begin.

<http://www.bp.com/genericarticle.do?categoryId=2012968&contentId=7063132>

Update: BP Says Cost of Response to Gulf Blow-Out and Spill Reaches about \$2.35 Billion by June 25

<http://www.bp.com/genericarticle.do?categoryId=2012968&contentId=7063132>

Update: BP Collects About 23,725 Barrels of Oil at Site of Blown-Out Well in Gulf of Mexico June 24

BP collected about 15,785 barrels of oil, flared approximately 7,940 barrels of oil, and flared about 54.7 million cubic feet of natural gas on June 24 via the dual recovery system at the blown-out MC252 well in the Gulf of Mexico, the company said on its website. The company, separately, said on June 25 that operations to skim oil from the surface of the water had recovered, in total, approximately 610,000 barrels of oily liquid. A total of 275 controlled burns had removed an estimated 239,000 barrels of oil from the sea's surface. BP said it planned to complete a new recovery system – a floating riser containment system connected to the Helix Producer vessel – by the end of June or early July. That effort is expected to raise BP's capture rate to 53,000 b/d, according to Dow Jones Newswires. The Helix Producer vessel is equipped to handle harsher weather, Dow Jones said.

<http://www.bp.com/extendedsectiongenericarticle.do?categoryId=40&contentId=7061813>

<http://www.bp.com/genericarticle.do?categoryId=2012968&contentId=7063132>

http://www.rigzone.com/news/article.asp?a_id=95164

Apache Corp Declares Force Majeure on Gulf of Mexico Rig, Saying New Regulations Have Postponed Drilling Permit

Reuters, 10:05 June 25, 2010

Update: Very Large Ore Oiler to Aid in Gulf Spill Cleanup: Shipping Source

<http://online.wsj.com/article/BT-CO-20100625-706942.html>

Update: Gulf Spill Size Increased by about One Million Gallons During Approximately 10-Hour Shutdown of Containment Operations on June 23: CBS Evening News

<http://media.bulletinnews.com/playclip.aspx?clipid=8cce1f7182c8190&pub=energy>

Update: BP Managing Director Says Company “Should Be Able To” Stop Gulf Leak by August 2010

[http://media.bulletinnews.com/playclip.aspx?clipid=8cce1ff939a7af3&pub=energy'](http://media.bulletinnews.com/playclip.aspx?clipid=8cce1ff939a7af3&pub=energy)

Update: Oil Washes Ashore at Pensacola Beach, Florida June 23

<http://www.miamiherald.com/2010/06/24/1699502/pensacola-cleanup-the-last-stand.html>

Tropical Wave in Caribbean Could Become First Named Storm of Hurricane Season by Weekend: Meteorologists

http://www.rigzone.com/news/article.asp?a_id=95164

Electricity

Update: After Multiple Storms, Companies Restore Power to Most Customers across U.S. Midwest by June 25

<https://www.comed.com/sites/newsroom/Pages/stormcenter.aspx>

<http://www.nipsco.com/Stay-Safe/Storm-Center.aspx>

Storms Knock Out Power to 45,000 Dominion Virginia Power Customers in Virginia June 24

Some 11,412 customers remained without power, as of latest reports.

<http://www.dom.com/storm-center/dominion-electric-outage-summary.jsp>

<http://www.wtkr.com/news/dp-va--severeweather0625jun25,0,7129631.story>

Entergy's 730 MW Palisades Nuclear Unit in Michigan Shut by June 25

The Nuclear Regulatory Commission reported that on the morning of June 24 the unit was operating at full power. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Update: Entergy's 813 MW FitzPatrick Nuclear Unit in New York at Full Power by June 25

The Nuclear Regulatory Commission reported that on the morning of June 24 the unit was operating at 86 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

CPUC Okays PG&E to Spend \$366.6 Million on Electric Grid Upgrades - Company Had Sought to Spend \$2.05 Billion

The California Public Utilities Commission (CPUC) authorized Pacific Gas and Electric Co. (PG&E) to spend \$366.6 million on upgrades to its electric grid, but criticized the company's proposal to spend \$2.05 billion. "We've tried to trim [PG&E's funding request] and make it as practicable as possible," CPUC's President said.

<http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2010/06/24/BU001E4FS6.DTL>

<http://www.nasdaq.com/aspx/stock-market-news-story.aspx?storyid=201006241543dowjonesdjonline000748&title=calif-regulators-approve-nearly-360-million-for-pgande-projects>

Companies Plan More than 240 MW of Renewable-Based Power in Michigan

Consumers Energy reached power purchase agreements with independent developers for more than 240 MW of new Michigan-based renewable energy capacity, the company said on June 25. The projects include:

- John Deere Wind Energy's Michigan Wind 2 farm in Sanilac County, expected to provide 90 MW of power beginning in 2012.
- John Deere Wind Energy's Harvest II Windfarm project in Huron County, expected to provide 59.4 MW of power beginning in late 2012
- John Deere Wind Energy and Great Lakes Wind, LLC's Blissfield Wind Energy project in Lenawee County, expected to provide 81 MW of power beginning in late 2012.
- Waste Management Renewable Energy's landfill gas electric generation facility at a landfill in Lenox Township, expected to provide 12.8 MW of power beginning in 2012.

<http://www.consumersenergy.com/News.aspx?id=2895&year=2010>

Blacks Hills Power plans 135-Mile, Wyoming-to-South Dakota Electric Transmission Line

The line would deliver electricity from a substation in Wyoming to South Dakota. Pending state and federal approvals, the company expects to break ground in 2013.

<http://finance.yahoo.com/news/Black-Hills-Power-planning-apf-1341749280.html?x=0&.v=1>

Petroleum

ExxonMobil Reports Compressor Shutdown at 567,000 b/d Baytown, Texas Refinery June 24-25

ExxonMobil reduced feed to a deasphalting unit (DAU) after a compressor shutdown at its 567,000 b/d Baytown, Texas refinery on June 24-25, it said in a filing with state regulators. The filing said that flaring occurred due to a "vibration issue and shutdown of J-1 compressor." The incident did not impact production.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=141581>

Motiva Repairing DCU Jet Pumps at 285,000 b/d Port Arthur, Texas Refinery June 25-30

Motiva expected to repair a jet pump on a delayed coking unit (DCU) at its 285,000 b/d Port Arthur, Texas refinery on June 25-30, the company said in a filing with state regulators. The unit had "a bearing and seal failure," according to the filing. Motiva expected to operate temporary diesel pumps just "3 hours every 7 hours or less."

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=141582>

<http://www.automatedtrader.net/real-time-dow-jones/1551/motiva-reports-pump-failure-at-port-arthur-refinery-coker-unit>

Update: Valero to Keep Coker Offline for 40 Days at 170,000 b/d Benicia, California Refinery

Valero shut the fluid coker at its 170,000 b/d Benicia, California refinery on Sunday, June 20, citing “safety reasons” after “a couple of issues with the coker late last week,” a spokesman said. The company expects repairs to take 40 days. The spokesman said the work could impact crude runs, but that the rest of the facility would stay online.

http://www.downstreamtoday.com/news/article.aspx?a_id=23132

Equipment Failure Triggers Emissions at Citgo’s 167,000 b/d Lemont, Illinois Refinery by June 25

The incident lasted approximately three minutes, according to a filing with state regulators. It was not clear if it had any impact to production.

Reuters, 07:12 June 25, 2010

Tesoro to Restart Hydrocracker at 100,000 b/d Wilmington, California Refinery June 25

Tesoro planned to restart a hydrocracker unit on June 25 at its 100,000 b/d Wilmington, California refinery, one day after the unit shut for unplanned reasons, a source familiar with the facility’s operations said. The company reported a unit shutdown and flaring on June 24, according to a filing with state regulators.

<http://online.wsj.com/article/BT-CO-20100625-705147.html>

<http://af.reuters.com/article/energyOilNews/idAFN2416486820100624>

<http://www.oes.ca.gov/Operational/MALHaz.nsf/f1841a103c102734882563e200760c4a/d532d8bbb22a89e38825774c0063f859?OpenDocument>

Hess Plans 120,000 b/d Oil Railroad Terminal in North Dakota

The load-out facility would be able to ship up to 120,000 b/d of oil. Hess expects to break ground in July, 2010 and finish the project 18 months later.

<http://www.businessweek.com/ap/financialnews/D9GHO9F82.htm>

Venezuela to Nationalize Helmerich & Payne-Operated Oil Drilling Rigs

The Venezuelan government said it expected to nationalize 11 Helmerich & Payne-operated oil drilling rigs in the country, claiming the rigs were deliberately idle as part of a plan against President Hugo Chavez. Helmerich & Payne, for its part, said it had not received any notification from the Venezuelan government or from PdVSA.

http://www.myfoxphilly.com/dpps/news/venezuela-to-nationalize-11-us-oil-rigs-dpgonc-20100624-fc_8297716

<http://www.prnewswire.com/news-releases/helmerich--payne-comments-on-news-reports-in-venezuela-97073794.html>

Natural Gas

PAA Natural Gas Storage Announces Open Season for 2 Bcf of Natural Gas Storage Capacity at Pine Prairie Facility in Louisiana

PAA Natural Gas Storage, LP announced a non-binding Open Season for 2 Bcf of firm natural gas storage service to be available beginning in the second quarter of 2011 at its Pine Prairie salt-cavern storage facility in Evangeline Parish, Louisiana, the company said on June 25. The company is also soliciting expressions of interest for storage service beginning in the second quarter of 2013 as it seeks to assess market demand for additional expansions. The site has 24 Bcf of working as capacity and an additional 18 Bcf of capacity under construction. It is permitted for 48 Bcf.

<http://www.b2i.us/profiles/investor/ResLibraryView.asp?ResLibraryID=38972&GoTopage=1&Category=1891&BzID=2009>

Other News

Alstom Opens Turbine Manufacturing Facility in Chattanooga, Tennessee June 24

The facility will produce steam turbines, gas turbines, large turbo-generators, and related equipment for the North American fossil fuel and nuclear power generation market. It will also retrofit existing steam turbines. It is equipped to manufacture Alstom's ARABELLE™ 1,700 MW class nuclear steam turbine.

http://www.alstom.com/pr_corp_v2/2010/corp/66879.EN.php?languageId=EN&dir=/pr_corp_v2/2010/corp/&idRubriqueCourante=23132

California Energy Commission Awards to Spur Electric and E85 Vehicles

The California Energy Commission approved three awards that leverage \$15.4 million in state funding with \$49.6 million in federal stimulus money and \$49.3 million in private funds. An \$8 million grant with Electric Transportation Engineering Corp. (ETEC), in conjunction with Nissan, will establish up to 1,000 residential chargers, 1,300 commercial chargers, and 60 Level 3 fast chargers for electric vehicles in San Diego County. An \$8 million grant with Electric Transportation Engineering Corp. (ETEC), in conjunction with Nissan, will establish up to 1,000 residential chargers, 1,300 commercial chargers, and 60 Level 3 fast chargers for electric vehicles in San Diego County. A third \$4 million grant will go toward the development of 75 publicly accessible E-85 dispensers throughout the state.

http://www.energy.ca.gov/releases/2010_releases/2010-06-24_electric_cars_alt_fuels_main-release.html

GE to Invest \$10 Billion by 2015 in Ecomagination Technology

GE has invested more than \$5 billion in ecomagination research and development, and the company expects to invest another \$10 billion by 2015, it said on June 24. The program involves energy-efficient and environmental-based projects, according to The Associated Press. GE says it has reduced GHG intensity by 39 percent compared to 2004, and GHG emissions from GE operations by 22 percent, compared to 2004.

<http://www.genewscenter.com/Press-Releases/GE-Surpassed-5-Billion-in-Research-Development-Investment-in-Ecomagination-Technology-2902.aspx>

http://www.google.com/hostednews/ap/article/ALeqM5hxcYY4zS_ttUzILjKg27hNqdN9qgD9GHMHR80

Energy Prices

U.S. Oil and Gas Prices			
June 25, 2010			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	76.97	76.88	70.24
NATURAL GAS Henry Hub \$/Million Btu	4.88	5.14	3.80

Source: Reuters

Energy Notes

Entergy Reports 18,000 Customers without Power in New Orleans, Louisiana June 25 - Company Expects to Restore Power by 1:30 PM, Local Time

<http://www.wwl.com/Major-power-outage-Uptown-and-Mid-city/7554323>

Peabody Energy Likely to Announce Plans in Late 2010 or Early 2011 for Proposed 20-30 Million Ton Coal Export Facility on North American West Coast – Facility Would Deliver Coal to Asia

DJN, 07:37 June 25, 2010

Update: State PSC to Assess Need for East Kentucky Power's Proposed Coal-Fired Power Plant in Kentucky

<http://www.istockanalyst.com/article/viewiStockNews/articleid/4250216>

Investments in Smart Grid Cyber Security to Total \$21 Billion between 2010 and 2015: Pike Research

http://news.cnet.com/8301-11128_3-20008552-54.html

Cleanup Ongoing after Approximately 2,200-Barrel, Late-May Gasoline Leak from BP Pipeline in Michigan

<http://www.chicagotribune.com/news/chi-ap-mi-bpspill-michigan.0.2837777.story>

TCEQ Investigating Enterprise Products Partners for Alleged Improper Installation of 30-Inch Natural Gas Pipeline in Texas

http://www.downstreamtoday.com/news/article.aspx?a_id=23135

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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