



ENERGY ASSURANCE DAILY

Wednesday Evening, May 04, 2011

Electricity

Update: About 70,000 Customers Supplied with Electricity by TVA Remain without Power in the Southern U.S. Following Last Week's Deadly Storms

Alabama Power reported this morning on Twitter that 2,669 customers remain without power in Alabama, down from a peak of 412,000. According to a Tennessee Valley Authority (TVA) press release, almost 95 percent of the company's 128 customer connections originally affected by last week's storms and tornadoes have been restored, but about 70,000 homes and businesses are still without electric service in areas served by 22 local power companies. Most of the remaining outages are in North Alabama and the Chattanooga, Tennessee, area. EPB, the TVA distributor in Chattanooga, said this morning that 7,500 customers remain in the dark. At the outage's peak, almost 850,000 customers were without power in TVA's service area. According to news reports, TVA has restored 25 percent of the equipment destroyed by last week's storms, but full restoration will likely not occur until late in the summer.

<http://www.tva.com/news/releases/aprjun11/storm.htm>

<http://timesfreepress.com/news/2011/may/04/tva-cuts-power-outages-70000/?breakingnews>

http://www.alabamapower.com/news/dyn_pressroom.asp?s=43&item=2316

<http://twitter.com/#!/alabamapower/status/65788071517487104>

http://www.decatordaily.com/stories/TVA-25-of-equipment-rebuilt-after-tornadoes.79100?content_source=&category_id=&search_filter=&event_mode=&event_ts_from=&list_type=&order_by=&order_sort=&content_class=&sub_type=stories&town_id=

Update: PSE&G's 1,096 MW Salem Nuclear Unit 1 in New Jersey Ramped Up to 88 Percent by May 4

Operators had reduced the unit to 8 percent power by May 2 due to vegetation clogging the unit's cooling water intake from the Delaware River. It was the third time since April 21 that "grassing" had forced the unit to shut. The Nuclear Regulatory Commission reported that on the morning of May 3 the unit was operating at 18 percent.

http://www.nj.com/salem/index.ssf/2011/05/salem_1_nuclear_reactor_return_1.html

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Dominion's 871 MW Millstone Nuclear Unit 2 in Connecticut Ramped Up to 66 Percent by May 4

The Nuclear Regulatory Commission reported that on the morning of May 3 the unit was operating at 18 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Southern's 870 MW Hatch Nuclear Unit 2 in Georgia Ramped Up to 52 Percent by May 4

The Nuclear Regulatory Commission reported that on the morning of May 3 the unit was operating at 23 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Entegra Power Group's 291 MW Gila River Gas-Fired Unit 2 in Arizona Reduced by May 3

According to the California Independent System Operator, the unit reported an unplanned curtailment of 191 MW by May 3.

<http://www.caiso.com/unitstatus/data/unitstatus201105031515.html>

AES's 506 MW Redondo Beach Gas-Fired Unit 7 in California Reduced by May 3

According to the California Independent System Operator, the unit reported an unplanned curtailment of 256 MW by May 3.

<http://www.caiso.com/unitstatus/data/unitstatus201105031515.html>

Luminant's 593 MW Big Brown Coal-Fired Unit 1 in Texas Shuts, Restarts Following Trip May 4

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=154099>

NRC Approves NextEra's Request to Increase Capacity by about 17 Percent this Year at Point Beach Nuclear Units 1 and 2 in Wisconsin May 3

The uprates will increase each of the two units' generating capacity from about 512 MW to 600 MW according to the Nuclear Regulatory Commission (NRC).

Reuters, 14:32 May 3, 2011

<http://nrc.gov/reading-rm/doc-collections/news/2011/11-075.pdf>

Petroleum

Update: Approximately 28,000 Barrels of Oil Spilled in Alberta Due to the Rupture of Plains All American's 220,000 b/d, 480-Mile, Alberta-to-Edmonton Rainbow Crude Pipeline

Regulators said that 28,000 gallons of oil have seeped into the soil and collected in pools near the pipeline northeast of the Peace River. The spill is the largest in Alberta since 1975, when 40,000 barrels of oil spilled from the Bow Valley line. According to earlier reports, Plains All American Pipeline discovered the spill and shut the pipeline on April 29. The company began to restart the pipeline by May 2. Reports indicate that while the pipeline has a capacity of 220,000 b/d, on average it carried 187,000 b/d in 2010.

<http://www.calgaryherald.com/news/spill+largest+years/4722781/story.html>

<http://www.google.com/hostednews/canadianpress/article/ALeqM5gxDtqqMIOLR4fk690cDG7T5Q9Hmg?docId=6746745>

Update: Shell Announces Successful Start up of Production from 100,000 b/d Scotford Upgrader Expansion Project at Athabasca Oil Sands in Canada April 5

The expansion brings Shell's upgrading capacity at Scotford up to 255,000 b/d. The Scotford Upgrader processes oil sands bitumen from the Muskeg River Mine and Jackpine Mine for use in refined oil products.

http://www.shell.com/home/content/media/news_and_media_releases/2011/scotford_upgrader_on_stream_04052011.html?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+shell_media_releases+%28Royal+Dutch+Shell+plc+media+releases%29

Update: After April 25-26 Power Outages, BP and Valero Continue to Restore Units at Texas City, Texas Refineries May 3

According to news reports, Valero's 214,000 b/d Texas City, Texas refinery was restored to planned rates by May 3. BP has also resumed making gasoline by May 3 after restoring the 120,000 b/d fluidic catalytic cracking unit 3 at the company's 475,000 b/d Texas City, Texas refinery.

<http://www.foxbusiness.com/industries/2011/05/03/valero-energy-texas-city-refinery-reaches-planned-rates/>

<http://www.reuters.com/article/2011/05/03/refinery-operations-bp-texascity-idUSNWEN259020110503>

Following Upset, Motiva Enterprises Shuts SRU at 235,000 b/d Convent, Louisiana Refinery May 4

Reuters, 00:19 May 4, 2011

Update: ConocoPhillips Restores 139,000 b/d Wilmington, California Refinery to Normal Operations by May 3

A "power dip" temporarily forced shut "several refinery units" on May 2, a ConocoPhillips spokesman said.

Reuters, 12:52 May 3, 2011

Update: Operators Restart Crude Unit at Valero's 235,000 b/d Aruba Refinery

According to the company, the refinery is nearing planned rates after restarting one of the refinery's two crude units. The company had shut the unit two weeks ago to repair a leak.
Reuters, 11:50 May 4, 2011

<http://online.wsj.com/article/BT-CO-20110504-713607.html>

U.S. Gasoline Stocks Dip by 1.05 Million Barrels Last Week, EIA Reports

U.S. gasoline stocks slid by 1.05 million barrels to a total of 204.54 million barrels, the lowest level since June 2009. The cumulative 36.554 million barrel drop over the past 11 weeks is the largest on record.
Reuters, 11:51 May 4, 2011

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

Update: Yemeni Light Crude Exports at Standstill Following Mid-March Pipeline Explosion and Oil Field Labor Strike

According to shipping sources, Yemen's production and export of light crude from the offshore Ras Isa terminal in the Red Sea have come to a halt in the weeks since a mid-March pipeline explosion – the terminal typically sends out 110,000 b/d of light crude from the terminal. It is believed that tribesmen are responsible for the blast along the country's main oil pipeline. Oil ministry sources also indicate that Nexen has shut production at its 150,000 b/d Hadramout oil field due to a labor strike, but Nexen officials say production has not been affected. In total, Yemen normally produces around 280,000 b/d.

Reuters, 11:40 May 4, 2011

<http://business.financialpost.com/2011/05/04/yemen-light-crude-output-exports-slashed/>

<http://my.news.yahoo.com/2-yemen-oil-output-near-shut-fuel-shortage-154015913.html>

Natural Gas

Nothing to report.

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
May 4, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL			
West Texas Intermediate U.S.	108.69	112.04	83.14
\$/Barrel			
NATURAL GAS			
Henry Hub	4.60	4.32	3.86
\$/Million Btu			

Source: Reuters

Energy Notes

Duke Energy Reports 10,342 Customers Lose Power in North Carolina May 4 – Only Scattered Outages Reported Later in the Day

<http://www.duke-energy.com/north-carolina/outages/current.asp#outagedata>

Update: State-Owned Ecopetrol Restarts 80,000 b/d, 480-Mile Cano Limon-Covenas Oil Pipeline in Colombia by May 4 Three Days after Suspected Rebel Bombing

<http://www.reuters.com/article/2011/05/04/colombia-pipeline-idUSN0412044020110504>

Three May Cargoes of North Sea Forties Crude Are Canceled Due to Production Problems at Buzzard Field in the North Sea and Other Fields

Reuters, 09:28 May 4, 2011

<http://af.reuters.com/article/energyOilNews/idAFLDE7432BX20110504>

Pemex Shuts Coatzacoalcos Oil Port in Gulf of Mexico Due to Bad Weather May 4

<http://www.bloomberg.com/news/2011-05-04/mexico-closes-oil-export-port-of-coatzacoalcos-on-weather-1-.html>

Petrobras Announces Bad Weather Stops Turnaround Work Multiple Times at Pasadena Refining's 100,000 b/d Houston, Texas Refinery – FCCU Due to Start up on May 9

Reuters, 09:35 May 4, 2011

Hydrogen Fire on Semitrailer at FPL's 565 MW Duane Arnold Nuclear Unit in Iowa Results in Unusual Event, Fire Extinguished May 3-4

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110504en.html>

<http://finance.yahoo.com/news/Tires-on-truck-explode-at-apf-763409140.html?x=0&.v=1>

DOJ Announces BP Will Pay \$25 Million Penalty Plus \$60 Million on Enhanced Safety Measures as Part of a Settlement for 2006 Pipeline Spill of Over 5,000 Barrels of Oil in Alaska – Penalty Is Largest Ever Per-Barrel for an Oil Spill

<http://www.justice.gov/opa/pr/2011/May/11-enrd-560.html>

<http://af.reuters.com/article/energyOilNews/idAFN038342520110503>

Update: Maryland Attorney General to Sue Chesapeake Energy for Spilling Fracking Fluids into a Susquehanna River Tributary in Pennsylvania April 19-21

<http://www.stargazette.com/article/20110503/NEWS01/110503023/Md-plans-sue-Chesapeake-over-Bradford-County-fracking-fluid-spill-?odyssey=nav/head>

High Discharge Pressure Causes 201 and 202 Compressors to Shut and Restart at Welch CO2 Gas Processing Facility in Texas May 3

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=154119>

AGI Units #1 and #2 Shut, Restart after Power Failure at Tilden Gas Plant in Texas May 3

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=154094>

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.

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

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