



ENERGY ASSURANCE DAILY

Friday Evening, April 22, 2011

Electricity

Contractor Error Knocks Offline Multiple Substations, Cuts Power to Temporarily to about 41,000 National Grid Customers in Massachusetts April 22

A contractor accidentally touched a guy wire at a substation in Everett, Massachusetts, triggering failures at several substations and knocking out electricity to about 41,000 National Grid customers, the company said. Only scattered outages remained, as of latest reports.

<http://malden.patch.com/articles/widespread-power-outages-in-malden-medford-and-everett>
<http://www1.nationalgridus.com/masselectric/stormcenter/>

Thunderstorm Cuts Power to about 31,400 Rocky Mountain Power Customers in Utah April 21

The company restored power to all but 400 customers by yesterday evening.

http://www.abc4.com/content/news/state/story/Major-thunderstorm-bears-down-on-Wasatch-Front/US_x6MxsukGn_akxL9pnxg.csp
<http://www.sltrib.com/sltrib/news/51672918-78/box-elder-tooele-warning.html.csp>

Update: Failed Breaker to Blame for April 20 Shutdown at Southern's 1,152 MW Vogtle Nuclear Unit 1 in Georgia

A failed breaker caused the unit to shut automatically on April 20, Southern Company said on April 22. Workers replaced the breaker and "all the components that could have caused the breaker to fail," according to a company official. The unit remained offline this morning, according to the Nuclear Regulatory Commission.

Reuters, 11:11 April 21, 2011

<http://edition.cnn.com/2011/US/04/22/georgia.nuclear.plant/index.html>
<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110421en.html>

Information also derived from the NRC Power Reactor Status Reports:

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

PSE&G's 1,096 MW Salem Nuclear Unit 1 in New Jersey Shut April 21

PSE&G shut the unit on April 21 "due to a loss of circulating water pumps from heavy grassing at the circulating water intake," according to a filing with the Nuclear Regulatory Commission (NRC). The NRC reported that on the morning of April 21 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110422en.html>

Information also derived from the NRC Power Reactor Status Reports:

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

Update: Progress Energy's 811 MW Brunswick Nuclear Unit 2 in North Carolina Ramped Up to 75 Percent by April 22

The Nuclear Regulatory Commission reported that on the morning of April 21 the unit was operating at 22 percent. Information derived from the NRC Power Reactor Status Reports:

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

Update: FirstEnergy's 821 MW Beaver Valley Nuclear Unit 1 in Pennsylvania at Full Power by April 22

The Nuclear Regulatory Commission reported that on the morning of April 21 the unit was operating at 82 percent. Information derived from the NRC Power Reactor Status Reports:

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

Calpine's 561 MW Los Medanos Gas-Fired Unit in California Reduced by April 21

According to the California Independent System Operator, the unit reported an unplanned curtailment of 298 MW by April 21.

<http://www.caiso.com/unitstatus/data/unitstatus201104211515.html>

Update: PG&E's 1150 MW Diablo Canyon Nuclear Unit 1 in California Ramped up by April 21

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 196 MW.

<http://www.caiso.com/unitstatus/data/unitstatus201104211515.html>

NextEra Energy Plans 100.8 MW Minco II Wind Energy Center in Grady and Caddo Counties, Oklahoma

NextEra Energy Resources, LLC expects to open the 63-turbine project by the end of 2011.

<http://www.nexteraenergy.com/news/contents/2011/042111.shtml>

NRC Issues 20-Year License Extensions for APS' Palo Verde Nuclear Power Plant in Arizona April 21

The Nuclear Regulatory Commission renewed the operating licenses for Arizona Public Service Company's (APS) Palo Verde Nuclear Generating Station, Units 1, 2, and 3, in Maricopa County, Arizona, for an additional 20 years, the agency said on April 21. The renewed licenses will expire on June 1, 2045 for Unit 1; April 24, 2046 for Unit 2; and November 25, 2047 for Unit 3.

http://www.aps.com/main/news/releases/release_655.html

<http://pbadupws.nrc.gov/docs/ML1111/ML111110836.pdf>

Petroleum

Power Blip Leads to Upsets at BP's 467,720 b/d Texas City, Texas Refinery April 21

A "power blip" caused several "units to go into upset," BP said in a filing with state regulators. The company stabilized the units, according to the filing. It was not clear which units were affected or if the incident had any impact on production.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153627>

<http://www.bloomberg.com/news/2011-04-21/bp-texas-city-plant-reports-power-blip-leading-to-emissions.html>

TransGas Development Systems to Break Ground in May 2011 on Proposed 18,000 b/d Coal-to-Liquids Project in Mingo County, West Virginia

<http://www.sacbee.com/2011/04/22/3572263/groundbreaking-set-for-transgas.html>

Moratorium, Permit Slowdown to Blame as Oil-and Gas Production to Slide by About 375,000 boe/d in Deepwater Gulf of Mexico during 2011: Wood Mackenzie

Oil-and-gas production will slide by about 375,000 barrels of oil equivalent per day (boe/d) – to a total 1.89 million boe/d – in the deepwater Gulf of Mexico during 2011, Wood Mackenzie forecasts, as a slower permit process and the temporary drilling moratorium issued in the wake of last year's Deepwater Horizon explosion/oil spill combine to hamper production growth. The 375,000 boe/d decline marks a 20 percent reduction from Wood Mackenzie's pre-spill forecasts. The consultancy does not expect oil-and-gas production to reach pre-spill levels until 2016.

<http://thehill.com/blogs/e2-wire/677-e2-wire/157191-report-deepwater-gulf-oil-production-wont-hit-pre-spill-levels-for-years>

<http://www.reuters.com/article/2011/04/21/gulf-production-postspill-idUSN2129296320110421>

Total to Increase Russian Oil-and-Gas Production to 300,000-400,000 boe/d by 2020 – Company Accounts for Less Than 30,000 b/d of Russian Crude Output, at Present

Total SA holds a 40 percent stake in one field – Kharyaga – that produces approximately 30,000 b/d of crude, at present. The company, however, is pursuing five projects with Russian partners.

<http://www.bloomberg.com/news/2011-04-22/total-aims-to-boost-russia-output-to-400-000-barrels-day-by-2020.html>

Malfunction Forces CNOOC to Shut 39,000 b/d of Oil Production in Bohai Bay, Offshore China by April 22

Rough sea conditions caused a malfunction that led CNOOC Limited to shut in approximately 39,000 b/d from four fields in the Bohai Bay, offshore China, the company said on April 22. No oil spill was found.

<http://www.cnooltd.com/encnooltd/newszx/news/2011/1663.shtml>

Natural Gas

Update: After Blowout, Chesapeake Energy Plugs Leak at Natural Gas Well in Pennsylvania April 21 – Company Halts Fracking Operations throughout State

Chesapeake Energy used a combination of materials – plastic, ground-up tires, and mud – to seal a natural gas well in Pennsylvania on April 21, nearly two days after a blowout caused the well to leak thousands of gallons of drilling fluids, news and company sources reported. At least some of those fluids spilled onto local farm fields and a nearby waterway. The incident prompted Chesapeake to halt its hydraulic fracturing operations throughout the state. That shutdown impacted seven well locations, according to the company.

http://www.rigzone.com/news/article.asp?a_id=106408

<http://www.reuters.com/article/2011/04/22/us-chesapeake-blowout-idUSTRE73K5OH20110422>

<http://www.ktvb.com/news/national/120292074.html>

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
April 22, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	111.72	109.24	82.30
NATURAL GAS Henry Hub \$/Million Btu	4.33	4.12	3.96

Source: Reuters

Energy Notes

Obama Says U.S. Justice Department to Assess How Traders and Speculators Impact Oil Markets

<http://www.bloomberg.com/news/2011-04-21/gasoline-advances-as-obama-announces-study-group-oil-products.html>

Driver Injured as Gasoline Truck Crashes along Interstate Ramp in San Antonio, Texas April 20 – Truck was Carrying 8,600 Gallons of Gasoline

<http://www.ksat.com/news/27619213/detail.html>

Broken Pipe Leads to Oil Tank Fire in Tulsa County, Oklahoma April 20

http://www.tulsaworld.com/news/article.aspx?subjectid=11&articleid=20110420_11_0_Crewsa545057

BP to Begin Installing Hydrogen Diesel Units in May 2011 at 225,000 b/d Cherry Point, Washington Refinery – Company to Complete Project by End of 2012

http://www.downstreamtoday.com/news/article.aspx?a_id=26421&AspxAutoDetectCookieSupport=1

Pennsylvania DEP Calls on Natural Gas Drillers to Stop Delivering Wastewater from Shale Gas Extraction by May 19 to 15 Facilities Currently “Grandfathered” under Previous Rules – New Rules Hold Facilities to Stricter Standards

http://www.portal.state.pa.us/portal/server.pt/community/news_releases/14288

TransCanada Working to Resolve Issues of Erosion and “Very Severe Subsidence” along 50-Mile Stretch of Newly-Constructed Bison Natural Gas Pipeline through Montana and North Dakota

http://journalstar.com/news/state-and-regional/nebraska/article_774f9570-84cd-52d7-87e6-013cecb5e7ed.html

Gas Natural to Convert 140 Miles of Newly-Acquired Oil-and-Oil Product Pipelines in Ohio to Deliver Natural Gas

<http://investor.ewst.com/phoenix.zhtml?c=96426&p=irol-newsArticle&ID=1553579&highlight=>

Update: Faulty Valves Could Delay by Up to One Year Transneft's Plan to Commission Russia-to-Asia East Siberia-Pacific Ocean-2 Oil Pipeline – Company Had Expected to Complete Line in 2013-2014

<http://af.reuters.com/article/commoditiesNews/idAFLDE73L07S20110422>

AGI Units Shut, Restart at Tilden Gas Plant in Texas April 21

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153618>

Turbine Shuts, Restarts at Goldsmith Gas Plant in Texas April 21

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153636>

Leak Forces Shut Units at Emperor Compressor Station, Leading to Flaring at Keystone Gas Plant in Texas April 21

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153646>

Sound Refining Company Dedicates Rail Spur at Tideflats Rail Yard in Tacoma, Washington by April 21 – Facility to Increase Company’s Capacity to Receive 25,000-Gallon Ethanol Tank Cars

<http://blog.thenewstribune.com/business/2011/04/21/sound-refining-enhances-biofuel-capacity-with-new-rail-spur/>

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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