



ENERGY ASSURANCE DAILY

Wednesday Evening, April 25, 2012

Electricity

Substation Glitch Cuts Power to More Than 17,000 IPL Customers in Indianapolis April 25

Approximately 17,310 Indianapolis Power & Light (IPL) customers lost power Wednesday morning in the city's Westside and Northwestside areas after an unspecified problem at an IPL substation, according to a spokeswoman. Two power lines running into the station were damaged, but the utility was still investigating the cause of the problem. Utility workers were switching customers to other circuits and anticipated all power would be restored this morning. As of 4:00 PM eastern time, only 52 customers remained without power, according to the IPL website.

<http://apps.iplpower.com/outages/outagemap.aspx>

http://www.wishtv.com/dpp/news/local/marion_county/thousands-lose-electricity-on-indys-west-side

PPL Addressing Recurrence of Turbine Blade Cracks at Its 2,500 MW Susquehanna Nuclear Power Plant in Pennsylvania

PPL Corporation on Tuesday reported a planned follow-up inspection of the Unit 1 main turbine at PPL's Susquehanna nuclear power plant in northeastern Pennsylvania revealed indications of cracks in blades that are similar to, but less extensive than, damage discovered and repaired in 2011. Based on the inspection, PPL will replace one row of blades on the Unit 1 turbine during the current refueling and maintenance outage, and has decided as a precaution to shut down the Unit 2 reactor and inspect its main turbine after the Unit 1 outage is completed, likely in mid-May.

<http://pplweb.mediaroom.com/index.php?s=12270&item=127313>

Update: NorthWestern Expects Two of Three 50 MW Natural-Gas Fired Units at the Dave Gates Power Plant in Montana to Restart by April 30 after Turbine Repairs

NorthWestern Corp. said Wednesday that two of the three 50 MW combustion turbines at its Dave Gates natural gas-fired power plant in Montana are expected to return to service by April 30, according to a statement. Operators shut the units in January after problems were discovered in the power turbines of two units. Similar problems were later discovered in the plant's third unit, as well, but NorthWestern did not say when it expected the third unit to return to service.

<http://www.reuters.com/article/2012/04/25/utilities-northwestern-davegates-idUSL2E8FPIWZ20120425?type=companyNews&feedType=RSS&feedName=companyNews&rpc=43>

PSE&G's 1,096 MW Salem Nuclear Unit 1 in New Jersey Reduced to 89 Percent by April 25

On the morning of April 24 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

Update: STP's 1,251 MW South Texas Nuclear Unit 2 in Texas at Full Power by April 25

South Texas Project (STP) nuclear Unit 2 has ramped up to full power after an outage that began November 29, when the main generator locked out due to a ground fault that resulted in damage to a rotor and stator coils.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

Update: PG&E's 154 MW Kerkhoff Hydro Unit 1 in California Returns to Service by April 24

The unit returned from an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201204241515.html>

PG&E's 407 MW Helms Hydro Unit 1 in California Shut by April 24

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201204241515.html>

AES's 496 MW Redondo Gas-Fired Unit 8 in California Shut by April 24

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201204241515.html>

Sempra's 625 MW Termoelectrica De Mexicali Gas-Fired Unit 1 in California Shuts by April 24

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201204241515.html>

Petroleum

Equipment Malfunction Causes FCC Unit to Flare at Delek's 60,000 b/d Tyler, Texas Refinery April 24

Delek reported an equipment malfunction Tuesday afternoon resulted in excess sulfur dioxide emissions from the fluid catalytic cracking (FCC) unit flare, according to a filing with the Texas Commission on Environmental Quality.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=167702>

Wet Gas Compressor Trips, Leads to Flaring at ConocoPhillips' 362,000 b/d Wood River Refinery in Illinois April 24

ConocoPhillips reported a wet gas compressor at an unspecified process unit tripped Tuesday night at its joint-venture refinery in Roxana, Illinois, resulting in emissions of sulfur dioxide, according to a filing with state environmental regulators. The filing said the release was ongoing, and operators were troubleshooting to determine the cause of the problem and any needed repairs.

DJN, 09:52 April 25, 2012

Pump Failure Trips Unspecified Unit at ConocoPhillips' 238,000 b/d Linden, New Jersey Refinery April 24

ConocoPhillips reported a unit trip due to a pump failure at its Bayway refinery, according to a filing with the New Jersey Department of Environmental Protection on Tuesday. Repairs were in progress, the filing said.

Reuters, 13:57 April 24, 2012

Natural Gas

Update: Constitution Pipeline Co. Announces Customer Agreements for 650 MMcf/d of Takeaway Capacity on Proposed Natural Gas Pipeline in U.S. Northeast

Constitution Pipeline Company, LLC, a joint development between Williams Partners L.P. and Cabot Oil & Gas Corporation, on Tuesday announced the execution of precedent agreements for a proposed 121-mile pipeline designed to connect natural gas production in northeastern Pennsylvania with northeastern markets by spring 2015. The companies in February announced plans to build the Constitution Pipeline to transport at least 500 MMcf/d of Cabot's Marcellus production and said capacity could be expanded to meet growing demand. Cabot Oil & Gas has committed to transport 500 MMcf/d, and Southwestern Energy Services Company has agreed to transport 150 MMcf/d, bringing the pipeline's total takeaway capacity of 650 MMcf/d.

<http://www.marketwatch.com/story/constitution-pipeline-company-announces-customer-agreements-2012-04-24>

Low Inlet Pressure Shuts AGI Compressor at Regency's 290 MMcf/d Waha Gas Plant in Texas April 24

Regency Energy Partners reported an acid gas injector (AGI) compressor unit shut down Tuesday on low inlet pressure due to lack of field gas, according to a filing with the Texas Commission on Environmental Quality. The lack of field gas was caused both by field units being down and on plant maintenance activities, the filing said. Operators increased inlet pressure as field gas became available and placed the AGI unit back online.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=167696>

Enbridge Reports AGI Unit Shutdowns at Its Tilden Gas Plant in Texas April 24

Enbridge reported acid gas injector Units 1 and 2 shut down Tuesday afternoon due to high fifth-stage discharge pressure, according to a filing with the Texas Commission on Environmental Quality (TCEQ). Later that evening, Enbridge filed another notice with TCEQ that said AGI Units 1 and 2 were down again on high discharge pressure. Operators were routing all process gas to flare to mitigate emissions.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=167704>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=167706>

Other News

Nothing to report

International News

Update: Nexen Restarts Its 200,000 b/d Buzzard Oilfield in the North Sea April 25 after Compressor Repairs

Nexen Inc. has completed repairs and was restarting the Buzzard oilfield in the North Sea today following a shutdown caused by a gas compressor problem Saturday, an executive said on a conference call. The outage is not expected to affect the company's production forecast, the executive said.

Reuters, 09:09 April 25, 2012

Sudanese Oil Workers Report Damage to 55,000 b/d Heglig Oilfield after Fighting with South Sudan; Remains Unclear When Operations Will Resume

Sudanese oil workers on Tuesday assessed damage to the Heglig oilfield caused by recent fighting with South Sudan and reported a nearby pipeline running to a terminal in Port Sudan was charred and leaking, as was one of the facility's main crude storage tanks. The facility's main power station was heavily burned, and much of its basic resources needed to provide telecommunications and transportation in the area were damaged or stolen, reports said. The Heglig oilfield produces approximately 50,000–60,000 b/d of oil, accounting for about half of Sudan's 115,000 b/d of production before South Sudan seized the field earlier this month. Reports today did not indicate when workers expected the facility to resume operations.

<http://www.iol.co.za/news/africa/oil-workers-assess-damage-in-heglig-1.1283139>

Update: Government Official Says April 22 Cyberattack Targeting Iran's Oil Industry "Fully Contained"; Oil Industry Operations Proceeding Normally

<http://www.bloomberg.com/news/2012-04-25/iran-cyber-attack-oil-industry-contained-official-says.html>

Energy Prices

U.S. Oil and Gas Prices			
April 25, 2012			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	103.09	102.61	111.71
NATURAL GAS Henry Hub \$/Million Btu	1.99	1.89	4.37

Source: Reuters

Links

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

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

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

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

Updated after 10:30 AM and 1:00 PM Eastern Time every Wednesday.

Natural Gas Weekly Update from EIA

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

Updated after 2:00 PM Eastern Time every Thursday.

ENERGY ASSURANCE DAILY

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

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