



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

ENERGY ASSURANCE DAILY

Friday Evening, October 04, 2013

Major Developments

OE/ISER Situation Report: Tropical Storm Karen

Tropical Storm Karen, located over the central Gulf of Mexico on Friday, will move into the southern United States this weekend bringing heavy rain and winds. Landfall is expected late Saturday into early Sunday along the upper Gulf Coast between New Orleans, Louisiana, and Panama City, Florida. For details on electricity customer outages, energy infrastructure issues, and restoration efforts, see: Tropical Storm Karen Situation Reports issued by the U.S. Department of Energy, Office of Electricity Delivery & Energy Reliability (OE/ISER) at the following URL:

http://www.oe.netl.doe.gov/named_event.aspx?ID=73

Electricity

Glitch by Power Line Crews Knocks Out Power to 24,000 PG&E Customers in Bay Area, California October 3

Pacific Gas & Electric (PG&E) reported a glitch in a project by crews to replace power lines caused an outage on Thursday morning. Approximately 24,300 customers in San Leandro, Hayward, Castro Valley, and San Lorenzo were affected by the outage. PG&E said power was fully restored within two hours.

http://www.mercurynews.com/breaking-news/ci_24232023/pg-e-outage-affects-24-000-san-leandro

<http://www.pge.com/myhome/customerservice/outages/>

Entergy's 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi Reduced to 46 Percent by October 4

On the morning of October 3 the unit was operating at full power, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Update: Exelon Reports Automatic Reactor Scram Occurred at Its 619 MW Oyster Creek Nuclear Unit in New Jersey October 3

Exelon Corp. reported that during reactor startup, with the reactor critical and power in the intermediate range, an automatic reactor scram occurred due to an invalid intermediate range monitor scram signal processed on both reactor protection system trip systems. When the reactor scram occurred, reactor power was below the point of adding heat and had minimal effect on the plant. Normal offsite power was being maintained and decay heat was being maintained via normal shutdown cooling.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20131004en.html>

Exelon Reports HPCI Inoperable at Its 855 MW Quad Cities Nuclear Unit 2 October 3

Exelon Corp. reported a defect was identified on the drain line for the high pressure coolant injection (HPCI) turbine inlet drain pot level switch. There was no increase to plant risk and reactor core isolation cooling was available.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20131004en.html>

Duke Energy to Begin Demolition of 276 MW Dan River Coal-fired Power Plant in North Carolina This Fall

Duke Energy will begin demolishing Dan River Steam Station coal units 1 through 3 this fall as part of the company's efforts to retire older, less efficient plants and bring cleaner, more efficient plants online. The company retired the three coal units in April 2012 and has been working to transfer unused fuels and equipment to other generating stations. Duke Energy's decommissioning and demolition plan involves a multi-year process to clean and remove equipment, demolish the powerhouse and auxiliary buildings, and restore the site. Demolition is due to be complete by mid-2016.

<http://www.duke-energy.com/news/releases/2013100303.asp>

<http://www.duke-energy.com/power-plants/coal-fired/dan-river.asp>

Petroleum

NuStar Energy Announces Successful Open Season for South Texas Crude Oil Pipeline System Project

NuStar Energy L.P. announced today that its affiliate, NuStar Crude Oil Pipeline, L.P., has received binding commitments from committed shippers filling all of the space available on phase 1 of the partnership's South Texas Crude Oil Pipeline System Project. In addition, NuStar continues to receive interest in phase 2 of the project and will evaluate whether to proceed with this phase of the project in the near future. The pipeline system currently transports Eagle Ford Shale crude oil from several terminal locations in Frio, McMullen, and La Salle counties, in Texas, to NuStar's Corpus Christi, Texas, North Beach facility. The South Texas System Project will include pipeline capacity upgrades to the segments of the South Texas Crude Oil Pipeline System between NuStar's Gardendale Terminal in La Salle County and NuStar's Corpus Christi North Beach Terminal. The first phase will add incremental throughput capacity to the South Texas Crude Oil Pipeline System of approximately 35,000 b/d and is expected to be available for service to committed shippers in the third quarter of 2014. The second phase of the project will add incremental throughput capacity to the South Texas Crude Oil Pipeline System of approximately 65,000 b/d and could be available as early as the first quarter of 2015. Both phases, when completed, will add a total aggregate incremental capacity of 100,000 b/d, of which 90,000 b/d will be available to committed shippers.

<http://www.4-traders.com/NUSTAR-ENERGY-LP-14810/news/NuStar-Energy-LP--Announces-Successful-Open-Season-for-the-South-Texas-Crude-Oil-Pipeline-System-17323079/>

BP Repairing CDU Pipestill at Its 413,000 b/d Whiting, Indiana Refinery October 4

BP Plc on Friday was repairing the 110,000 b/d crude distillation unit (CDU) pipestill at its Whiting, Indiana, refinery. The work to repair a failed flange is expected to finish sometime next week if no other problems are discovered.

Reuters, 13:31 October 4, 2013

Total Reports Shut Unit Due to Equipment Failure at Its 232,000 b/d Port Arthur, Texas Refinery October 3

Total Petrochemicals reported instrumentation failure which resulted in an unspecified unit shutdown at its refinery in Port Arthur, Texas, according to a filing with the Texas Commission on Environmental Quality. In addition, emissions were reported from a sulfur recovery unit of the refinery.

Reuters, 15:08 October 3, 2013

Phillips 66 Reports Small Fire in Process Unit at Its 120,200 b/d Rodeo, California Refinery October 3

Phillips 66 reported a small fire in the insulation of a process unit at its Rodeo refinery in northern California, according to a filing with the Contra Costa Health Services.

Reuters, 13:05 October 4, 2013

Tesoro Reports Small Grass Fire at Its 166,000 b/d Martinez, California Refinery October 4

Tesoro Corp. reported a small grass fire along a railroad line at its Golden Eagle refinery in Martinez, California, on Friday, according to a filing with Contra Costa Health Services.

Reuters, 13:09 October 4, 2013

ExxonMobil Reports Unplanned Flaring at Its 149,000 b/d Torrance, California Refinery September 26

Exxon Mobil Corp. reported unplanned flaring at its refinery in Torrance, California, according to a filing with the South Coast Air Quality Management District.
Reuters, 13:13 October 4, 2013

Natural Gas

Update: Failure to Conduct Maintenance Inspections Caused Fire at Encana's 300 MMcf/d Deep Panuke Natural Gas Platform off Nova Scotia, Canada

A report submitted by Encana, the project operator, in collaboration with SBM Offshore, the owner of the platform, stated the failure to conduct annual maintenance inspections aboard the Deep Panuke offshore natural gas project was the underlying reason behind an electrical fire that broke out on January 19, 2013. The report says the project was supposed to undergo yearly tests to detect heat coming off electrical equipment and connections but SBM Offshore did not carry out those tests prior to the fire.

<http://www.ngnews.ca/Canada---World/Business/2013-10-03/article-3415824/Failure-to-conduct-maintenance-inspections-cause-of-Deep-Panuke-fire:-report/1>

Enbridge Reports AGIs Down at Its Tilden Gas Plant in Texas October 3

Enbridge Inc. reported acid gas injector (AGI) no. 2 tripped on fourth stage high level and AGI no. 1 tripped on a compressor motor fault. The electrical breaker was reset for AGI no. 1 and the compressor was restarted and stabilized. The malfunctioning fourth stage high level shut down switch was replaced on AGI no. 2 and the compressor was restarted. Earlier Thursday AGI no. 2 was shut due to a gas leak on the recycle valve. The packing in the recycle valve was tightened to stop the gas leak and AGI no. 2 was restarted.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=189100>

Southern Union Flares Inlet Gas at Its Keystone Gas Plant in Texas October 2

Southern Union reported field units were shut down due to unexpected issues which caused flaring of inlet gas. The units were put back on line which stopped the flaring of inlet gas.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=189067>

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
October 4, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	103.59	103.55	89.20
NATURAL GAS Henry Hub \$/Million Btu	3.58	3.50	3.21

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 & 1:00 PM ET every Wednesday.

Natural Gas Weekly Update from EIA

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

Updated after 2:00 PM ET every Thursday.

ENERGY ASSURANCE DAILY

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

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