



ENERGY ASSURANCE DAILY

Monday Evening, August 10, 2015

Major Developments

OE/ISER Situation Report: Super Typhoon Soudelor

http://www.oe.netl.doe.gov/named_event.aspx?ID=76

Electricity

NV Energy Reports Power Restored to 18,000 Customers after Outage in Nevada August 8

NV Energy reported the majority of its 18,000 customers in Sparks, Nevada had power restored on Saturday morning. The company said that power was out for less than two hours and that it was investigating the cause.

https://www.nvenergy.com/outage/view/outagelist_state.cfm

<http://www.kolotv.com/home/headlines/17000-NV-Energy-Customers-in-Sparks-Without-Power-321135921.html>

Update: PSE&G's 1,092 MW Salem Nuclear Unit 2 in New Jersey Restarts by August 9, Ramps Up to 50 Percent by August 10

On the morning of August 9 the unit had restarted and ramped up to 18 percent. The unit shut from full power on August 5 due to low reactor coolant flow.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20150806en.html>

Southern's 870 MW Hatch Nuclear Unit 2 in Georgia Reduced to 69 Percent by August 10

On the morning of August 9 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

Update: Duke Energy's 1,100 MW McGuire Nuclear Unit 2 in North Carolina Ramps Up to 92 Percent by August 10

On the morning of August 9 the unit was operating at 69 percent, ramped up from 18 percent on August 8. The unit was reduced to from full power August 7.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

FPL's 839 MW Saint Lucie Nuclear Unit 1 in Florida Shut August 10

The unit shut from full power when the reactor tripped during testing.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20150810en.html>

TVA's 1,125 MW Sequoyah Nuclear Unit 1 in Tennessee Shut by August 9

On the morning of August 8 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

Exelon's 1,111 MW La Salle Nuclear Unit 2 in Illinois Shut August 7

Exelon reported that pressure boundary leakage on the welded vent line joint led to degraded conditions, which shut the unit from 10 percent on August 7.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20150810en.html>

SCE's 820 MW Big Creek Hydro Unit in California Reduced by August 9

The unit entered an unplanned curtailment of 163 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201508091515.html>

Georgia Power Implements Smart Grid Distribution Technology to Enhance Service Reliability for 1.1 Million Customers; Avoids 9.2 Million Customer Outage Minutes in 2015

Georgia Power on Friday announced that it completed installation of Automatic Fault Location, Isolation and Service Restoration (FLISR) distribution technology on circuits serving more than 1.1 million customers across the state. So far this year, the company said it has avoided more than 9.2 million customer outage minutes due to the successful FLISR operations. The technology automatically isolates a trouble area and restores service to remaining customers by transferring them to other nearby generation sources, and helps crews locate trouble spots more quickly. Georgia Power plans to continue enhancing its infrastructure and expand the technology to an additional 150,000 customers by the end of the year. The company added the FLISR technology to its network as part of statewide smart grid improvement project conducted through a multiyear Smart Grid Investment Grant awarded by the Department of Energy.

<http://www.georgiapower.com/about-us/media-resources/newsroom.cshtml>

Petroleum

Update: Marathon Says Operations Have Resumed at Its 240,000 b/d Catlettsburg, Kentucky Refinery August 10

Reuters, 10:53 August 10, 2015

Update: Athabasca Cuts Oil Output by 4,200 boe/d as Alliance Gas Pipeline Remains Shut

Athabasca Oil Corp suspended the production of 4,200 boe/d of light oil, becoming the latest western Canadian producer to curb output due to the Alliance Pipeline natural gas mainline shutdown (reported in the EAD Friday, August 7), which delivers gas and natural gas liquids from western Canada and North Dakota's Williston Basin to the Chicago market. Alliance declared force majeure on its 2,400-mile pipeline last week after poisonous hydrogen sulfide entered the system. The pipeline company called on shippers to suspend injections into the pipeline on Friday so the affected gas could be flared off. The Alliance mainline accounts for about a third of Canada's daily net exports to the United States and the shutdown is expected to last several more days. Athabasca said on Monday that it managed to shift a portion of its production from the Kaybob region in west central Alberta to other pipeline systems, but approximately 84 percent of its light oil output was impacted nonetheless. The company joins a number of other oil and gas producers, including Seven Generations Energy and NuVista Energy Ltd, which have been forced to trim some or all production. Athabasca said five days of downtime on the Alliance pipeline would cut its third quarter light oil production guidance of 5,000 boe/d by approximately 250 boe/d.

http://www.atha.com/upload/press_release/124/01/alliance-pipeline-force-majeure-results-in-temporary-production-reduction-at-greater-kaybob.pdf

Reuters, 11:31 August 10, 2015

Phillips 66 Shuts Powerformer at Its 238,000 b/d Bayway, New Jersey Refinery August 7 – Source

Phillips 66 shut a powerformer unit Friday at its Bayway refinery in Linden, New Jersey, according to a source familiar with the plant's operations. The 28,000 b/d unit was shut after a leak was discovered and officials were assessing damage, the source said.

Reuters, 16:55 August 7, 2015

Phillips 66 to Boost Reformer Capacity at Its 247,000 b/d Alliance, Louisiana Refinery – Filing

Phillips 66 plans to boost the capacity of the catalytic reformer by 17,000 b/d to 50,000 b/d at its Alliance, Louisiana refinery this fall, according to a notice filed with the Louisiana Department of Environmental Quality.

The increase is needed along with changes to other units to process increased levels of naphtha coming from rising amounts of shale crude oil being processed at the refinery. The company has asked the department to expedite permitting for the work, which it would like to begin as early as August 31.

Reuters, 18:20 August 7, 2015

BP's 413,500 b/d Whiting, Indiana Refinery Repairing CDU August 10 – Sources

BP Plc on Monday was repairing the largest crude distillation unit (CDU) at the company's Whiting, Indiana, refinery, sources familiar with operations at the plant said. The 240,000 b/d CDU, known as Pipestill 12, was shut by a malfunction on Saturday, the sources said.

Reuters, 10:51 August 10, 2015

Valero Reports Excess Emissions at Its 168,000 b/d McKee, Texas Refinery August 6

Reuters, 14:54 August 7, 2015

Plains All American to Start 250,000 b/d Eagle Ford-to-Corpus Christi, Texas Pipeline Expansions This Month

Plains All American Pipeline last week said expansions pushing its joint-venture Eagle Ford-to-Corpus Christi pipeline system to 600,000 b/d from 350,000 b/d were starting up this month after weather-related delays pushed the first expansion to August from July. Enterprise Products Partners is Plains' non-operating partner in that system.

Plains also said startup of its Cheyenne, Wyoming to Carr, Colorado Cowboy Pipeline, which will connect to a Saddlehorn extension in Carr, has been pushed to the fourth quarter this year from the third quarter.

Reuters, 12:24 August 7, 2015

Kinder Morgan Transports Powder River Basin Barrels to Guernsey, Wyoming on Its Double H Pipeline System

Kinder Morgan, Inc. today announced it has begun to receive Powder River Basin volumes into its Double H pipeline system via a newly constructed connection near Douglas, Wyoming for crude oil deliveries to Guernsey, Wyoming, increasing its system capacity to approximately 99,000 b/d. The Powder River Basin project is the result of the successful open season held earlier this year on the local Double H pipeline and the joint Hiland/Pony Express systems which resulted in additional commitments to the Double H pipeline from sources in North Dakota and Wyoming. Kinder Morgan's Double H pipeline is supplied by the Market Center Gathering system in the Bakken and terminates near Guernsey. The 485-mile pipeline transports crude oil from the Dore Terminal in North Dakota and the Albin Terminal in Montana to Guernsey. At Guernsey, Double H anticipates placing delivery connections to the Plains All American Pipeline Guernsey Station and Sinclair Guernsey Terminal into service in the third quarter of 2015 to provide increased connectivity to local and regional markets. Shippers also have access via an interconnect with the Pony Express Pipeline for transportation to the Phillips 66 Refinery in Ponca City, Oklahoma or the Deeprock Terminal in Cushing, Oklahoma. Double H was placed in service in February 2015.

Reuters, 11:00 August 10, 2015

Natural Gas

Update: Alliance Begins Flaring in Saskatchewan August 9 Due to Shutdown of Its 1.6 Bcf/d Mainline August 7

Alliance Pipeline said Sunday that natural gas flaring would begin at two locations in the Alameda and Arcola areas of southeast Saskatchewan and could last for several days. The flaring is a result of Alliance shutting down its mainline pipeline system on August 7 following the detection of hydrogen sulfide entering the mainline pipeline system as a result of complications experienced by an upstream operator. As part of Alliance's plan to correct the situation and resume operations, the carefully controlled flaring of the impacted natural gas is necessary and is the safest method to neutralize the hydrogen sulfide. Alliance said it was following all regulatory procedures and taking extra precautionary measures to protect people, the site, and the surrounding area. While the flaring was taking place, residents were asked to avoid the immediate area as a safety precaution.

<http://www.aplshutdown.com/2015/08/important-public-noticenatural-gas-flaring-to-begin-in-alameda-and-arcola-areas/>

Update: TGP Says Work Continues after Pipeline Failure in Texas August 7

Kinder Morgan's Tennessee Gas Pipeline (TGP) Company said work continues related to the pipeline failure near Falfurrias, Texas. Line 1 was isolated and maintaining reduced pressure from MLV 409 near Edinburg, Texas to station 1 in Agua Dulce, Texas. TGP said it would move the restriction point on Tuesday from station 1 to MLV 406.

http://pipeline2.kindermorgan.com/Notices/NoticeDetail.aspx?code=TGP¬c_nbr=356675&date=8/10/2015&subject=¬c_type=-1¬c_sub_type=-1¬c_ind=C

Regency Reports Power Outage at Its 290 MMcf/d Waha Gas Plant in Texas August 8

Regency reported the plant shut due to a power outage from a third party provider. The plant was restarted once power was restored.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=218456>

Atlas Pipeline Reports Power Failure at Its 195 MMcf/d Midkiff Gas Plant in Texas August 8

Atlas reported a power failure due to a breaker trip. This caused all delta V systems to lose power. The breaker was reset and the entire program was rebooted.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=218459>

DCP Midstream Reports Engine Offline at Its 70 MMcf/d Fullerton Gas Plant in Texas August 8

DCP Midstream reported that extreme high ambient temperature caused a turbine helper engine to malfunction dropping the engine offline. With the engine offline, gas was routed to the emergency flare to relieve pressure from the system as designed. Repairs were unsuccessful and field operations were notified to curtail gas and stop flaring.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=218460>

DCP Midstream Reports Engines Shut, Flaring at Its 160 MMcf/d Goldsmith Gas Plant in Texas August 8

DCP Midstream reported the West Waddell engines no. 8 and 9 unexpectedly shut due to low oil pressure causing an flare event. The field engines were inspected and restarted. Once the West Waddell engines were placed back online, excess inlet pressure decreased ending flare event.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=218451>

Other News

Nothing to report.

International News

Tankers to Load 2 Million Barrels of Oil in Eastern Libya – Officials

Three tankers will load almost 2 million barrels of crude oil at the eastern Libyan ports of Hariga and Brega this week, oil officials said on Sunday. A tanker had docked at Hariga to load 700,000 barrels. A second tanker had loaded 600,000 barrels at Brega on Saturday, while a third would load 600,000 barrels this week also at Brega. Reuters, 8:21 August 9, 2015

Kenya, Uganda Agree to Build Oil Pipeline through Kenya's North

Kenyan and Ugandan leaders have agreed that a planned oil pipeline will pass through Lokichar basin in northern Kenya, according to a government official. The pipeline will run for about 930 miles from Hoima district in Uganda through Lokichar in northern Kenya to a port in the coastal town of Lamu. Proponents for the southern route cited security concerns in the north, where bandits and Islamist militants carry out attacks sporadically. Tullow Oil Plc estimates discoveries of 6.5 billion barrels in Uganda and 600 million barrels in Kenya.

http://www.downstreamtoday.com/news/article.aspx?a_id=48724

Energy Prices

U.S. Oil and Gas Prices			
August 10, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	44.89	45.62	97.41
NATURAL GAS Henry Hub \$/Million Btu	2.80	2.77	3.95

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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