



ENERGY ASSURANCE DAILY

Monday Evening, March 09, 2015

Electricity

Update: Over 7,000 Customers Remain Without Power in West Virginia March 9 Following Last Week's Winter Storm

As of 3:30 p.m. EDT on Monday, 5,296 FirstEnergy Mon Power and 2,003 Appalachian Power customers in West Virginia remained without power, down from peak outages of 66,000 and 43,000 customers, respectively, following a winter storm that produced up to a foot of wet, heavy snow on March 4–5. AEP Ohio, which reported a peak of 24,750 customers without power, reported that it had restored power to the majority of its customers by noon Sunday. Mon Power said it expects to restore the majority of its customers who remain without power by Tuesday evening. On Sunday, Appalachian Power had said that in all but a few isolated instances, where damage or needed repairs may be extensive, customers who were still without power due to storm damage would have service restored by late that night. Appalachian Power has provided an update to restoration progress today.

<https://twitter.com/monpowerwv>

<http://outages.firstenergycorp.com/mdwv.html>

<https://www.appalachianpower.com/outages/outageMap.aspx>

<https://twitter.com/AppalachianPowe>

<https://appalachianpower.com/info/news/ViewRelease.aspx?releaseID=1721>

<https://aepohio.com/outages/details.aspx?stormName=March+5+Southern+Ohio+Winter+Storm>

BPA Reports Fire Extinguished at Its 500kV Keeler Substation in Oregon March 6

A fire in a voltage control device was extinguished Friday afternoon at a Bonneville Power Administration's (BPA's) 500 kV Keeler Substation in Hillsboro, Oregon. The fire was contained to the voltage control device, according to the local fire department. The fire started when mineral oil, used as insulation, surrounding the device had ignited. Fires like this are often allowed to burn out but due to the heavy smoke and atmospheric conditions, officials decided to extinguish the fire. BPA diverted electricity away from the area of the fire in order to allow firefighters to control the blaze. Both BPA and local fire investigators are working to determine the cause of the fire and BPA said no service to customers was interrupted. BPA officials are confident that the oil will not be dispersed beyond the substation grounds and will now begin cleanup work at the site.

<http://www.pamplinmedia.com/pt/9-news/252984-122574-fire-at-hillsboro-substation-extinguished>

PSE&G's 1,096 MW Salem Nuclear Unit 1 in New Jersey Reduced to 50 Percent by March 8

On the morning of March 7 the unit was operating at 65 percent, reduced from full power by March 6.

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

Dominion's 925 MW North Anna Nuclear Unit 1 in Virginia Shut by March 8

On the morning of March 7 the unit was operating at 90 percent.

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

Update: TVA's 1,126 MW Sequoyah Nuclear Unit 2 in Tennessee Restarts March 7, Ramps Up to 14 Percent by March 8

By the morning of March 7 the unit had restarted and was operating at 2 percent. On March 2, the unit experienced an automatic reactor/turbine trip from full power.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20150303en.html>

Update: FPL's 693 MW Turkey Point Nuclear Unit 3 in Florida at Full Power by March 8

On the morning of March 7 the unit was operating at 48 percent, reduced from full power by March 4.

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

TVA's 1,155 MW Browns Ferry Nuclear Unit 1 in Alabama Reduced to 70 Percent by March 7

On the morning of March 6 the unit was operating at full power.

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

Petroleum

CN Crude Oil Train Derails, Catches Fire in Ontario March 7

A Canadian National Railway Co (CN) train carrying crude oil that derailed on the company's mainline near the northern Ontario community of Gogama early on Saturday was still on fire, the company said late on Sunday. The train was moving 94 cars of crude oil from Alberta to eastern Canada. The railway confirmed that 38 cars were involved in the derailment but did not yet have a definitive count of the number of cars that had caught fire. As of Monday morning, 24 of the 38 derailed cars had been pulled clear of the main incident site. The railway said on Saturday that a bridge over a waterway had been damaged and that five tank cars had landed in the water. Oil had leaked into the water and booms were deployed to try to contain it. The incident is affecting rail traffic on CN Railway's mainline between Toronto, Ontario, and Winnipeg, Manitoba. CN expects to have a temporary bypass around the site in place by Tuesday night but could not say when normal service would resume. The derailment is CN's second in the region in just three days and the third in less than a month.

http://www.rigzone.com/news/oil_gas/a/137575/Derailed_Canadian_National_Crude_Train_Still_Burning#sthash.XzCiYk0.dpuf

<http://www.tsb.gc.ca/eng/medias-media/deploiement-deployment/rail/2015/20150307.asp>

https://twitter.com/opp_gtattraffic

<http://ca.reuters.com/article/domesticNews/idCAKBN0M51H420150309>

<http://www.yorktonthisweek.com/news/efforts-continue-to-put-out-flames-after-cn-train-derails-in-northern-ontario-1.1786233>

Update: BNSF Crude Oil Train Derailment Clean-up in Illinois Nears Completion March 7

Work to remove the derailed cars at the site of the BNSF Railway derailment, which occurred on March 5 in a rural area south of Galena, Illinois, was nearing completion, the company said Saturday morning. The BNSF train originated from North Dakota and consisted of 105 loaded cars, which included 103 cars loaded with crude oil and 2 buffer cars loaded with sand. A total of 21 cars derailed, seven were damaged and five caught fire. Due to its remote location and soft ground in the area, a temporary road is being built to allow heavy equipment to re-rail cars and remove crude oil from the scene. BNSF said the three small remaining fires will be extinguished by a foam truck once the temporary road is complete. Of the 21 cars that were derailed, six cars were re-railed as of Saturday morning and two more cars were expected to be re-railed later Saturday. The remaining cars will be removed from the scene via truck. BNSF had anticipated its mainline track would be operational later Saturday and said it found no evidence of oil in the nearby waterways due to the derailment. Air quality monitoring was also continuing. The cause of the derailment was still under investigation.

<http://www.bnsf.com/media/statements/>

Update: PHMSA Approves Partial Restart of Bridger's 42,000 b/d Poplar Pipeline System in Montana March 6

The Pipeline and Hazardous Materials Safety Administration (PHMSA) on Friday approved the restart of a portion of the Poplar Pipeline System that was shut after a spill into the Yellowstone River near Glendive, Montana in on January 17. The pipeline must operate at a reduced pressure until it is deemed safe, the PHMSA said, adding that the restart of the system located south of the Yellowstone River must be conducted during daylight hours with notification to all local emergency response officials. The investigation into spill, which released about 1,200 barrels of Bakken crude oil, was ongoing, the agency said. The Poplar pipeline system gathers crude from producers in eastern Montana and North Dakota.

Reuters, 17:22 March 6, 2015

<http://truecompanies.truecos.com/bridger/Bridger%20-%20Press%20Release.pdf>

Update: Monroe Energy, USW Reach Deal on Local Issues March 6, Likely Avoiding Strike at 185,000 b/d Trainer, Pennsylvania Refinery

Monroe Energy, the subsidiary of Delta that runs the refinery in Trainer, Pennsylvania, struck a deal with the local United Steelworkers (USW) union that will likely prevent the facility from joining the nationwide strike. The final decision on whether to strike rests with USW International, which is leading national bargaining talks with Royal Dutch Shell. One of the factors used in weighing a strike at a refinery is whether there is agreement on local issues. Once USW International and Shell reach an agreement, it will be combined with contract at the local level. The USW International has already called for strikes in 15 facilities since February 1, including 12 refineries that account for one-fifth of U.S. domestic refining capacity.

http://www.downstreamtoday.com/news/article.aspx?a_id=46762

Phillips 66 Reports Unit Upset at Its 362,000 b/d Wood River, Illinois Refinery March 7

Phillips 66 reported a unit upset at its Wood River refinery in Roxana, Illinois, on Saturday, according to a filing with the Illinois Emergency Management Agency. The filing did not specify the unit involved or say if there had been any impact on production.

Reuters, 22:06 March 8, 2015

ExxonMobil Reports Unit Upset at Its 238,600 b/d Joliet, Illinois Refinery March 6

Reuters, 22:32 March 8, 2015

Motiva Reports Emissions at Its 600,250 b/d Port Arthur, Texas Refinery March 6

Motiva Enterprises reported loss of primary containment resulted in excess air emissions on March 6 at its Port Arthur, Texas, refinery, according to a filing with the National Response Center. Motiva also reported benzene was released from an (unspecified) unit in the 57 pump house.

Reuters, 12:15, March 9, 2015

Marathon Reports Crude Oil Release at Its 84,000 b/d Texas City, Texas Refinery March 6

Marathon Petroleum Corp reported a release of crude oil on Friday due to an open valve into the industrial canal from a drain line at its Texas City, Texas, refinery, according to a filing with the National Response Center.

Reuters, 12:21 March 9, 2015

Shell Reports Process Unit SRU Startup at Its 145,000 b/d Puget Sound, Washington Refinery March 2

Reuters, 20:27 March 5, 2015

Continental Resources Pipeline Spills Nearly 19,000 Gallons of Saltwater in North Dakota March 5

The North Dakota Department of Health announced March 5 that a Continental Resources-owned pipeline leaked about 19,000 gallons of saltwater near Tioga after the pipeline ruptured when it was struck by excavating equipment. The spill was contained to the excavated site and did not pose a threat to the public or waterways.

http://www.dailyjournal.net/view/story/e591d2d720f944cf842b329b09cdee4a/ND--_Brine-Spill/

Natural Gas

Enbridge Reports Low Pressure on AGI at Its Tilden Gas Plant in Texas March 5

Enbridge reported low pressure on the acid gas injector (AGI) unit. Gas pressure was increased to a level that allowed turning on the AGI unit. Flare F-3 was used to flare gas while AGI pressure was low.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=211009>

Other News

Nothing to report.

U.S. Leads Coalition Air Strike on Islamic State-Run Refinery in Syria

A U.S.-led coalition air strike in Syria hit an oil refinery run by the Islamic State militant group near the border with Turkey on Sunday, killing 30 people, the Syrian Observatory for Human Rights reported. The targeted refinery was just northeast of the town of Tel Abyad near the Turkish border.

Reuters, 21:10 March 8, 2015

Libya's al-Ghani Oilfield Attacked by Militants March 6 – Oil Security Official

Militant gunmen attacked Libya's al-Ghani oilfield on Friday, killing 11 guards, before local forces fought back to retake control, an oil security official said. The state-run National Oil Corporation in Tripoli said unidentified gunmen attacked al-Ghani from the north on Friday, causing "massive damage" without further details. Oil security forces, allied with Thinni's eastern government, said on Friday they had retaken control of al-Ghani after the attack.

Reuters, 17:36 March 6, 2015

Libya to Export Over 2 Million Barrels of Oil from East This Week – Oil Officials

Libya is set to export more than two million barrels of crude oil this week from two ports in the east where output has topped 245,000 b/d, oil officials said on Monday. Output from four fields including Sarir, the country's largest, has reached 243,000 to 245,000 b/d, said Omran al-Zwai, spokesman for state firm Arabian Gulf Oil Company (AGOCO) which dominates production in eastern Libya. AGOCO restarted output at the Sarir and Messla oilfields after a pipeline blast cut off supplies to Hariga last month. The two fields pump around 180,000 b/d, while AGOCO also runs the Hamada and Nafoura fields. A fifth field, Bayda, has been closed to an outage, Zwai said. A tanker has loaded 600,000 barrels of crude at Hariga while a second one will load one million this week, Zwai said. The smaller port of Zueitina is expecting a tanker to load 630,000 barrels of crude later on Monday, an oil official said. National output was at about 400,000 b/d a day.

Reuters, 10:34 March 9, 2015

Energy Prices

U.S. Oil and Gas Prices			
March 9, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL			
West Texas Intermediate U.S.	50.25	49.54	102.62
\$/Barrel			
NATURAL GAS			
Henry Hub	2.88	2.75	4.90
\$/Million Btu			

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

Energy Assurance Daily provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. ET. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

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

Please direct comments and questions to: ead@oe.netl.doe.gov