



# ENERGY ASSURANCE DAILY

Monday Evening, November 3, 2014

## Electricity

### Winter Storm Knocks Out Power to Over 154,000 Customers in Maine and New Brunswick November 2

A winter storm with heavy snow and strong winds hit Maine and New Brunswick on Sunday, knocking out power to 154,248 customers. As of 3:30 p.m. EDT today, 125,872 customers remained without power. Central Maine Power Co. (CMP), the hardest hit utility with 82,500 customers without power, said it had brought in additional crews and that restoration would be a multi-day effort. Emera said most customers should have power restored by the end of the day Wednesday, and those living in remote areas might be without power until the end of the week. NB Power said most outages should be restored by Tuesday evening.

Maine and New Brunswick Customer Power Outages			
November 2–3, 2014			
Electric Utility	State	Peak	Latest Reported
Central Maine Power	ME	82,500	76,550
Emera Maine	ME	57,977	43,111
NB Power	New Brunswick	13,771	6,211
<b>TOTAL*</b>		<b>154,248</b>	<b>125,872</b>

\*Total outages represent only electric utilities listed in this table.

Sources:

<https://twitter.com/cmpco>

<http://www.cmpco.com/outages/outageinformation.html>

<http://www.cmpco.com/OurCompany/News/2014/news141103a.html>

[http://apps.emeramaine.com/about/outages/Outage\\_Map.cfm](http://apps.emeramaine.com/about/outages/Outage_Map.cfm)

<https://twitter.com/emera>

[https://twitter.com/NB\\_Power](https://twitter.com/NB_Power)

<http://www.nbpower.com/Open/Outages.aspx?lang=en>

<http://www.cbc.ca/news/canada/new-brunswick/snowstorm-in-new-brunswick-closes-schools-zaps-power-to-thousands-1.2821571>

<http://www.pressherald.com/2014/11/02/snowstorm-leads-to-accidents-power-outages-throughout-maine/>

<http://www.wmtw.com/news/cmp-storms-high-winds-causing-power-outages/29489336>

### Power Restored to 25,000 Maritime Electric Customers on Prince Edward Island after Transmission Line Trips November 1

A power outage that knocked out power to 25,000 Maritime Electric customers on Saturday was restored within one hour. Crews were upgrading the system when one of the transmission lines tripped, and as a protection measure, part of the system shut down.

<http://www.cbc.ca/news/canada/prince-edward-island/power-restored-to-maritime-electric-customers-1.2820851>

[http://www.maritimeelectric.com/power\\_outages/current\\_poweroutages.aspx](http://www.maritimeelectric.com/power_outages/current_poweroutages.aspx)

### Heavy Winds Knock Out Power to Over 22,000 Customers in Pennsylvania November 2

Heavy winds knocked out power to about 20,000 PECO customers on Sunday. By 7 p.m. EDT Sunday, PECO crews had restored service to the majority of households without power, though 2,000 homes were still without service. About 2,600 Pennsylvania Power & Light customers were also affected by the heavy winds.

[http://www.philly.com/philly/news/breaking/20141103\\_PECO\\_Heavy\\_winds\\_gusting\\_through\\_the\\_region\\_leave\\_20\\_000\\_without\\_power.html#rr3dhRHFbJ4O1HSE.99](http://www.philly.com/philly/news/breaking/20141103_PECO_Heavy_winds_gusting_through_the_region_leave_20_000_without_power.html#rr3dhRHFbJ4O1HSE.99)

<https://twitter.com/pecoconnect>

<https://www.ppelectric.com/my-account/outage-center/outage-map.aspx>

### **Storms Knock Out Power to 50,000 Customers in Michigan October 31**

Storms producing rain and high winds knocked out power to 50,000 customers in Michigan, Friday night into Saturday. DTE Energy reported about 42,000 customers lost power, and Consumers Energy reported 8,000 customers. The majority of outages were restored by Sunday evening.

<https://www.facebook.com/dteenergy?fref=photo>

<http://www.dteenergy.com/map/outage.html>

<http://www.consumersenergy.com/outagemap>

<http://detroit.cbslocal.com/2014/11/01/dte-says-8000-still-without-power-repairs-finishing-saturday-night-and-into-sunday/>

### **Storms, High Winds Knock Out Power to 18,000 Rocky Mountain Power Customers in Utah November 1**

Storms and high winds moved across northern Utah on Saturday knocking out power to 18,000 Rocky Mountain Power customers. As of Sunday morning, all of the large-scale outages had been resolved, according to the company.

<http://www.standard.net/News/2014/11/01/Nearly-7-000-Top-of-Utah-lose-power-as-high-winds-sweep-state.html>

[https://twitter.com/RMP\\_Utah](https://twitter.com/RMP_Utah)

<http://fox13now.com/2014/11/01/power-outages-reported-across-utah/>

### **Exelon's 850 MW Dresden Nuclear Unit 3 in Illinois Shut by November 3**

On the morning of November 2 the unit was operating at 82 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

### **Indiana-Michigan Power's D.C. Cook Nuclear 1,000 MW Unit 1 Returns to Service, 1,060 MW Unit 2 Remains Shut November 3 after Lake Condition Shut Units November 1**

Indiana Michigan Power's Cook Nuclear Plant unit 1 returned to service at 11:54 a.m. EDT today. Both Cook units were manually taken off-line early Saturday morning due to difficulties caused by rough lake conditions. A return-to-service projection for unit 2 is not being released due to competitive reasons, but the outage is not expected to be lengthy. The near-record wind speeds and wave heights that began on Friday resulted in excessive debris that damaged the plant's traveling water screens. The 14 multi-disc fine-mesh screens revolve down 48-feet into the water intake bay that is fed by three 16-foot intake tunnels. Debris captured by the screens is washed off with water spray and collected in large baskets. Cook had additional staff working Friday night to keep the screens clear, but the amount of debris entering the tunnels overwhelmed some of the screens. Cook has an operational procedure for such degraded conditions that calls for the units to be manually taken off-line in severe conditions. This prevents more wide-spread or extensive damage to the screens and cooling pumps that draw suction from the water box. Since Saturday morning, maintenance workers have been clearing away debris, repairing damaged screens and performing systems checks required to return the units to service. For unit 2, there were some additional equipment issues not related to the shutdown that require more time for repair. There was no interruption of service to customers of Indiana Michigan Power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

<https://www.indianamichiganpower.com/info/news/ViewRelease.aspx?releaseID=1644>

<https://www.indianamichiganpower.com/info/news/ViewRelease.aspx?releaseID=1643>

### **Mountainview Power Company, LLC's 525 MW Gas-fired Unit 3 in California Reduced by November 2**

The unit entered an unplanned curtailment of 285 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201411021515.html>

### **Update: AES's 336 MW Alamitos Gas-fired Unit 4 in California Returns to Service by November 1**

The unit returned from an unplanned outage that began by October 29.

<http://content.caiso.com/unitstatus/data/unitstatus201411011515.html>

## **Transmission Developers' 1,000 MW Champlain Hudson Power Express Project Linking Quebec and New York Moves Forward**

Transmission Developers Inc's Champlain Hudson Power Express electricity transmission project linking Quebec with New York City cleared a significant hurdle, opening the door to construction within a year, the executive behind the proposal said on Thursday. The chief executive officer said a U.S. presidential permit issued in early October, along with approval from the state public service commission, should allow the 330-mile underground high-voltage line to start delivering a new supply of hydro electric power from Quebec to New York by 2018. He said he also anticipates permits from the U.S. Army Corps of Engineers within days. If approved, the \$2.2 billion project, to be built underground along existing railroad right of ways through the Lake Champlain region, is projected to deliver 1,000 MW of power from Hydro-Quebec. A spokesman for the Canadian government said it was pleased the project received a presidential permit but noted that Hydro-Quebec would still have to apply for approval to Canada's federal regulator, the National Energy Board, before building a 36-mile line linking a power station near Montreal to the U.S. border.

<http://www.transmissiondevelopers.com/projects/champlain-hudson-power-express.php>

Reuters, 18:26 October 30, 2014

## ***Petroleum***

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### **Marathon Petroleum to Perform Maintenance on EPS at Its 451,000 b/d Refinery in Galveston Bay, Texas from November 3 to November 14**

Marathon Petroleum Corp said November 3 that it is planning maintenance on the electrostatic precipitator servicing (EPS) its fluid catalytic cracking (FCC) unit #1 at its refinery in Galveston Bay, Texas, according to a report filed with the Texas Commission on Environmental Quality. The report stated that, while the FCC will remain in service during the maintenance, the EPS will be shut during that time. Marathon Petroleum said it expects inspection and repairs to take approximately 10 days.

Reuters, 1:17 November 3, 2014

### **Total Reports Flaring at Its 225,000 b/d Port Arthur, Texas Refinery November 2**

Total SA filed a report with the U.S. National Response Center, stating that an atmospheric crude distillation unit at its Port Arthur refinery in Texas, experienced an upset condition on Sunday, which resulted in flaring.

Reuters, 9:30 November 3, 2014

### **Exxon Reports Shut Hydrocracker at Its 560,500 b/d Baytown, Texas Refinery November 2**

Exxon Mobil filed a report with the Texas Commission on Environmental Quality November 2, indicating that it shut down hydrocracking unit 1 at its Baytown refinery in Texas, following flaring on Saturday. Operators used a flare system to depressure the reactor in response to a high temperature alarm, and there was no impact to production.

Reuters, 20:14 November 2, 2014

### **Phillips 66 Reports Flaring at Its 44,500 b/d Santa Maria Refinery in California November 1**

Phillips 66 filed a report with the California Emergency Management Agency, indicating flaring due to a process upset at its Santa Maria refinery in Arroyo Grande, California, on Saturday. The report stated that the refinery was being brought "back under control" after the incident.

Reuters, 20:33 November 2, 2014

### **Update: Sunoco's 280,000 b/d Mid-Valley Crude Oil Pipeline in Louisiana Revises October 20 Spill Estimate Up to 4,500 Barrels**

Sunoco Logistics Partners LP's Mid-Valley pipeline was restarted October 26 after a spill on October 20. A spokesman said that the total spill was now estimated at 4,500 barrels, up from a previous estimate of 4,000 barrels. The spokesman said the partnership got a more accurate estimate after refilling the Mid-Valley Pipeline. The federal Pipeline and Hazardous Materials Safety Administration is letting the Philadelphia-based partnership operate the pipeline at 80 percent of maximum pressure during the investigation of what caused the break. The oil spread 4.2 miles from the break into Tete Bayou, which feeds into Caddo Lake.

<http://www.sfgate.com/news/science/article/Sunoco-spill-revised-up-to-189000-gallons-5865766.php>

### **Tri State Oil Reclaimers' Tank Explodes, Killing One in Wyoming October 30**

A welder working on top of a tank at Tri State Oil Reclaimers near Cheyenne, Wyoming, was killed and a second person was injured after the oil tank exploded October 30. Authorities are investigating the explosion.

[http://trib.com/business/energy/officials-respond-to-oil-field-tank-explosion-west-of-cheyenne/article\\_a60d4866-92b1-544e-8daa-3e8daae4c96f.html](http://trib.com/business/energy/officials-respond-to-oil-field-tank-explosion-west-of-cheyenne/article_a60d4866-92b1-544e-8daa-3e8daae4c96f.html)

### **Kinder Morgan Announces Successful Open Season for Its 167,000 b/d Palmetto Project in Southeast**

Kinder Morgan Energy Partners, L.P. today announced that it successfully closed a binding open season for the Palmetto Project and received committed volumes from shippers sufficient to support the project. The Palmetto Project will provide shippers a new refined products pipeline service to move gasoline, diesel and ethanol from Louisiana, Mississippi, and South Carolina to points in South Carolina, Georgia, and Florida. The open season closed on October 30. The approximately \$1 billion Palmetto Project would provide pipeline shippers looking to move refined petroleum products from the Gulf Coast with access to new markets in the Southeast. The project has a design capacity of 167,000 b/d and would consist of a segment of expansion capacity on the Plantation pipeline that Palmetto would lease from Plantation Pipe Line Company between Baton Rouge, Louisiana, and Belton, South Carolina. A new 360-mile pipeline from Belton, South Carolina, to Jacksonville, Florida, would also be constructed as part of the project.

<http://phx.corporate-ir.net/phoenix.zhtml?c=93621&p=irol-newsArticle&ID=1984828>

### **BOEM Releases Revised Analysis for Chukchi Sea Oil and Gas Lease Sale 193 in Alaska October 31**

In response to a federal court order, the Bureau of Ocean Energy Management (BOEM) on Friday released the Draft Supplemental Environmental Impact Statement (SEIS) for Chukchi Sea Outer Continental Shelf Oil and Gas Lease Sale 193. BOEM prepared the draft SEIS using the best available science, and working in close consultation with Alaska Native tribes, federal partner agencies, state and local governments, stakeholders and the public. BOEM prepared the revised analysis in accordance with the April 24, 2014, remand order of the U.S. District Court for the District of Alaska. The original EIS for Lease Sale 193 was published in 2007 and the sale was conducted in 2008. Subsequent legal challenges and federal court decisions remanded the sale back to BOEM for further analysis, specifically related to the agency's estimates of production levels from likely offshore oil fields that might be developed in the Chukchi Sea. BOEM published a Notice of Intent to Prepare a Supplemental Environmental Impact Statement (SEIS) on June 20, 2014. The analysis in the Draft SEIS issued Friday uses the best available data – including actual bidding data – to estimate the highest amount of production that could reasonably result from Lease Sale 193. BOEM predicts a higher exploration and production scenario than previous analyses, based on a better understanding about existing geologic structures in the region as well as improved information about where industry operators are likely to focus their development activities. Earlier this year, Interior's Bureau of Safety and Environmental Enforcement issued a suspension of operations for all Chukchi leases issued in Lease Sale 193, which stops the lease term from running while BOEM completes this supplemental environmental review. The suspension remains in effect until BOEM completes its environmental review, as directed by the court. The Notice of Availability for the Draft Supplemental EIS will publish in the Federal Register on November 7, initiating a 45-day public comment period, which will end December 22. During this time, BOEM will hold seven public hearings in Alaska, will conduct government-to-government consultation meetings with Alaska Native tribes, and will also accept public comments through regulations.gov.

<http://www.boem.gov/press10312014/>  
[www.boem.gov/ak193/](http://www.boem.gov/ak193/)

## ***Natural Gas***

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### **Sabine Pipe Line Declares Force Majeure on its 131-Mile Mainline in Houston, Texas November 3**

Sabine Pipe Line declared a force majeure on its Mainline, November 3, saying it needs to isolate a section of the line from the Savannah valve to the Calcasieu River to repair a failure of facilities. The pipeline is used to transport natural gas between Erath, Louisiana, and Port Arthur, Texas.

Reuters, 9:26 November 3, 2014

<http://www.sabinepipeline.com/Home/Report/tabid/241/Default.aspx?ID=6>

## Kinder Morgan Places 200 MMcf/d Sierrita Natural Gas Pipeline from Arizona to Mexico into Service October 31

Kinder Morgan Energy Partners, L.P. on Friday announced the fully subscribed Sierrita Pipeline has begun service. The approximately 60-mile, 36-inch diameter pipeline provides approximately 200 MMcf/d of firm transportation capacity and extends from El Paso Natural Gas' existing south mainlines near Tucson, Arizona, to the U.S.-Mexico border near Sasabe, Arizona. The Sierrita Pipeline interconnects via a new international border crossing with a new natural gas pipeline in Mexico. It will help Mexico meet its environmental goals of converting existing fuel-oil-fired power generation plants to efficient, clean burning natural gas and provide natural gas for future power plants. The project was built in partnership with MGI Enterprises US LLC, a wholly owned affiliate of Pemex Gas y Petroquímica Básica, a subsidiary of Petróleos Mexicanos, the Mexican state-owned oil and gas company, and MIT Pipeline Investment Americas, Inc., a subsidiary of Mitsui & Co., Ltd.  
<http://phx.corporate-ir.net/phoenix.zhtml?c=93621&p=irol-newsArticle&ID=1984359>

## Other News

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Nothing to report.

## International News

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Nothing to report.

## Energy Prices

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U.S. Oil and Gas Prices			
November 3, 2014			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b>			
<b>West Texas Intermediate U.S.</b> \$/Barrel	80.16	82.05	94.90
<b>NATURAL GAS</b>			
<b>Henry Hub</b> \$/Million Btu	3.78	3.60	3.57

Source: Reuters

## Links

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***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](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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