



# ENERGY ASSURANCE DAILY

Tuesday Evening, January 20, 2015

## Electricity

### Windstorm Knocks Out Power to Over 134,000 Customers in Washington January 17–18

Strong winds knocked out power to 134,600 Puget Sound Energy (PSE), Seattle City Light, Snohomish County Public Utility District, and Peninsula Light Co customers Saturday night into Sunday. Wind gusts of up to 59 mph were reported. The majority of customers had their power restored by Sunday. As of 3 p.m. EST, PSE reported 154 customers remained without power.

| Washington Customer Power Outages<br>January 17–20, 2015 |       |                |                 |
|--|-------|----------------|-----------------|
| Electric Utility   | State | Peak           | Latest Reported |
| Puget Sound Energy                                       | WA    | 98,000         | 154             |
| Seattle City Light                                       | WA    | 15,000         | 0               |
| Snohomish County Public Utility District                 | WA    | 15,000         | 0               |
| Peninsula Light Co                                       | WA    | 6,600          | 0               |
| <b>TOTAL*</b>  |       | <b>134,600</b> | <b>154</b>      |

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

Sources:

<https://twitter.com/psetalk>

<https://pse.com/accountsandservices/ServiceAlert/Pages/outage-map.aspx#!>

<https://twitter.com/snopud>

<https://twitter.com/SEACityLight>

<https://twitter.com/PenLightCo>

<http://www.king5.com/story/weather/2015/01/16/mountain-snow-weekend-forecast/21864133/>

<http://www.komonews.com/news/local/Over-65000-people-in-the-dark-as-windstorm-powers-through-region-288963241.html>

### Exelon’s 1,022 MW Clinton Nuclear Unit in Illinois Reduced to 81 Percent by January 20

On the morning of January 19 the unit was operating at 98 percent.

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

### Update: Entergy’s 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi Ramps Up to 95 Percent by January 20

On the morning of January 19 the unit was operating at 70 percent, reduced from full power on January 14.

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

### Update: Dynegy, LLC’s 510 MW Moss Landing Gas-fired Unit 1 in California Returns to Service by January 17

The unit returned from an unplanned outage that began by January 15.

<http://content.caiso.com/unitstatus/data/unitstatus201501171515.html>

### BrightSource Energy’s 175 MW Aggregate Solar Units 3–7 in California Shut by January 19

The unit entered an unplanned outage after returning to service by January 18.

<http://content.caiso.com/unitstatus/data/unitstatus201501191515.html>

## **BrightSource Energy's 184 MW Aggregate Solar Units 8–9 in California Reduced by January 17**

The unit entered an unplanned curtailment of 160 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201501171515.html>

## **Crockett Cogeneration LP's 240 MW Gas-fired Unit in California Shut by January 16**

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201501161515.html>

## ***Petroleum***

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### **Bridger Pipeline Reports 1,200 Barrel Crude Oil Release from 42,000 b/d Poplar Pipeline in Montana; Spills into Yellowstone River January 17**

Bridger Pipeline on Monday announced a release of crude oil from its 42,000 b/d Poplar Pipeline system near Glendive, Montana. The release began Saturday morning, January 17 about 10:00 a.m. MST. Bridger estimates that approximately 1,200 barrels of crude oil were released, and an unknown amount of that total has spilled into the Yellowstone River. Company control room operators completed the process of shutting down the pipeline shortly before 11:00 a.m. MST, Saturday, January 17. The pipeline remains shut in and there is currently no timeline for restart. The pipeline gathers crude oil from producers in the Bakken formation in eastern Montana and western North Dakota. Bridger said it activated its emergency response plan and notified all relevant local, state, and federal authorities. Results from the first water sample taken from the Glendive Municipal Water Treatment Plant showed an elevated level of volatile organic compounds, Dawson County said on Tuesday.

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

Reuters, 10:57 January 20, 2015

<http://www.dawsoncountymontana.org/>

### **Plains All American Says Shippers Sending Too Light Crude Oil on Its Basin Pipeline System in West Texas and New Mexico**

Plains All American told shippers on Friday that crude moving through its Basin Pipeline system is surpassing pressure limits, according to a notice. The Basin Pipeline, with capacities ranging from 240,000 b/d to 450,000 b/d depending on the segment, stretches from Jal, New Mexico, to Odessa and Midland in West Texas, then to Cushing, Oklahoma. Plains' notice said crude at some Permian Basin connection points is reaching or exceeding limits for Reid Vapor Pressure. The connection points affected include the Delaware Basin in the far west part of the Permian. Trade sources indicated the problem could stem from more ultra-light crude known as condensate, entering the mixed stream. If increasing amounts of condensate move in the systems, refiners could receive crude blends with too much condensate. This can overwhelm their systems or shrink the amount of fuels they can make from each barrel of crude.

Reuters, 16:55 January 16, 2015

### **PES Restarts Units after Snag at Its 335,000 b/d Philadelphia, Pennsylvania Refinery January 14 and 15**

Philadelphia Energy Solutions (PES) reported the gulfiner hydrotreater unit at the Girard Point section of its Philadelphia, Pennsylvania refinery restarted after air repairs on January 15. The reformer unit was restarted after an air line failure on January 14.

Reuters, 16:36 January 16, 2015

### **Update: Husky Energy Restarts Its 155,000 b/d Lima, Ohio Refinery at the Weekend after Fire January 10**

Husky Energy Inc began the process of restarting its refinery in Lima, Ohio, at the weekend following a January 10 explosion and fire, the company said on Monday. Earlier on Monday a source familiar with refinery operations said the facility was planning to resume operations later this week. Unusually cold weather had delayed some of the work, Reuters reported last week. Husky had said last Monday it hoped to resume production within a week or so. The source also said that there was no timeline for restarting the 25,000 b/d isocracker unit where the explosion occurred, as the unit would need to be reconstructed. The company said it could run the refinery without the isocracker, but it is unclear exactly how much that would limit production.

Reuters, 7:52 January 20, 2015

### **Update: BP Completes Reformer Startup at Its 413,500 b/d Whiting, Indiana Refinery January 20**

BP Plc finished restarting a 60,000 b/d catalytic reformer at its refinery in Whiting, Indiana, a source familiar with refinery operations said on Tuesday. The reformer was shut by a power outage more than a week ago and began restarting on January 13.

Reuters, 11:31 January 20, 2015

### **Marathon Reports Hydrogen Sulfide Release at Its 123,000 b/d Detroit, Michigan Refinery January 17**

Marathon Petroleum Corp reported that a disulfide line to the flare leaked in complex 3 on January 17 at its Detroit, Michigan refinery, according to a report filed with the National Response Center.

Reuters, 10:57 January 20, 2015

### **Update: Marathon Reports FCCU to Remain Shut at Least Two Weeks at Its 451,000 b/d Galveston Bay, Texas Refinery January 16**

Marathon Petroleum Corp expects a 60,000 b/d fluidic catalytic cracking unit (FCCU) will shut for at least two weeks of repairs at its Galveston Bay refinery in Texas City, Texas, sources familiar with plant operations said on Friday. The FCCU was shut on January 13, according to energy industry intelligence service Genscape. A 120,000 b/d FCCU continues to produce gasoline at the Galveston Bay refinery.

Reuters, 16:17 January 16, 2015

### **Refineries Process Record Amount of Crude Oil in December – EIA**

Refineries around the world processed a record volume of crude oil in December as plants returned from maintenance and falling oil prices boosted margins, the International Energy Agency (IEA) said on Friday. Global refinery crude throughput rose by 370,000 b/d to 78.9 million b/d last month, the IEA said in its monthly report, although it warned that volumes will drop off in the first quarter this year. The largest gains took place in the United States, where refiners increased operations following seasonal maintenance. Refinery runs are expected to fall to an average of 77.8 million b/d in the first quarter of 2015 due to growing product stock levels and deteriorating profit margins, the IEA said.

<http://www.iea.org/newsroomandevents/news/2015/january/iea-releases-oil-market-report-for-january.html>

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=46038](http://www.downstreamtoday.com/news/article.aspx?a_id=46038)

### **Imperial Readies Production from 40,000 b/d Nabiye Expansion of Cold Lake Oil Sands Project in Alberta**

Imperial Oil Ltd said on Monday it has begun injecting steam at the 40,000 b/d Nabiye expansion of its Cold Lake oil sands project in northern Alberta and expects first oil from the project by the end of March. A spokesman for the company said the project's facilities were commissioned on schedule at the beginning of the month and steam injection, used to liquefy the bitumen deposits so they can flow to the surface, has begun. The company said it does not expect the expansion to reach full output until later in 2015.

Reuters, 16:48 January 19, 2015

## ***Natural Gas***

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### **Regency Reports AGI Compressor Shut at Its 290 MMcf/d Waha Gas Plant in Texas December**

Regency reported the acid gas injector (AGI) compressor shutdown due to a plant upset. The plant was line out to correct the upset and the AGI compressor was reset and restarted.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=208833>

### **Targa Reports AGC Shut at Its 150 MMcf/d Sand Hills Gas Plant in Texas January 19**

Targa reported an upset in the amine treater which caused the acid gas output of the amine treater to decrease suddenly. The acid gas compressor (AGC), C-14, then shut on low suction pressure. This routed acid gas to the emergency acid gas flare, F-4. Once the AGC, C-14, was restarted the flaring at emergency acid gas flare, F-4, ceased.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=208840>

## **ExxonMobil Reports Unit Shut at Its 65 MMcf/d Dollarhide Gas Plant in Texas January 16**

ExxonMobil reported the Wauk-3 unit shut on low engine oil pressure and would not restart. Mechanics were onsite to repair the unit. Operations shut in all flowing wells to reduce and mitigate emissions.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=208827>

### **Other News**

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Nothing to report.

### **International News**

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#### **Trans Forcados and Nembe Creek Pipelines in Nigeria Shut Due to Leaks Over Weekend**

Nigeria's Trans Forcados oil pipeline and related production as well as Shell's Nembe Creek line, carrying Bonny Light crude, were shut at the weekend, the ministry of power and Shell said on Tuesday. The Trans Forcados pipeline was shut after a leak occurred at the Otegehele axis in the southern state of Bayelsa and there was no timeframe yet for the duration of the disruption. Two other incidents of vandalism occurred in early January affecting the 24-inch and 28-inch sections of the pipeline. The damage took about a week each time to repair before the pipeline was back in use. The pipeline transports the Forcados crude oil grade. About 260,000 b/d were scheduled to be exported in January and 210,000 b/d in February. Shell's 150,000 b/d Nembe line was shut on January 17 after a leak was found, which is still being investigated. A section of the Trans Escravos pipeline was also closed on January 14 for works and to remove crude theft connections. Traders said it was too early to tell whether the shut downs would impact exports. Bonny Light exports were scheduled at 185,000 b/d in January and 170,000 b/d in February.

Reuters, 12:32 January 20, 2015

#### **Iraq Produces Record 4 Million b/d of Crude Oil in December**

Iraq produced a record of around 4 million b/d of crude oil in December, the Oil Minister announced on Sunday. The previous monthly record for Iraqi production was 3.56 million b/d in 1979, according to an official from Iraq's State Oil Marketing Organization. Iraq plans to export 375,000 b/d for the first three months of 2015 from fields around the northern city of Kirkuk and the Kurdistan region. Those fields would increase production to 600,000 b/d as of April.

[http://www.rigzone.com/news/oil\\_gas/a/136808/Iraq\\_Produces\\_Record\\_4M\\_Barrels\\_per\\_Day\\_of\\_Crude\\_in\\_December#sthash.Xw7B04y7.dpuf](http://www.rigzone.com/news/oil_gas/a/136808/Iraq_Produces_Record_4M_Barrels_per_Day_of_Crude_in_December#sthash.Xw7B04y7.dpuf)

### **Energy Prices**

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| <b>U.S. Oil and Gas Prices</b>      |              |                 |                 |
|-------------------------------------|--------------|-----------------|-----------------|
| January 20, 2015                    |              |                 |                 |
|                                     | <b>Today</b> | <b>Week Ago</b> | <b>Year Ago</b> |
| <b>CRUDE OIL</b>                    |              |                 |                 |
| <b>West Texas Intermediate U.S.</b> | 46.95        | 46.61           | 94.32           |
| \$/Barrel                           |              |                 |                 |
| <b>NATURAL GAS</b>                  |              |                 |                 |
| <b>Henry Hub</b>                    | 3.09         | 2.95            | 4.33            |
| \$/Million Btu                      |              |                 |                 |

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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