



April 29, 2019

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The Honorable Chair and Members
of the Hawai'i Public Utilities Commission
Kekuaaoa Building, 1st Floor
465 South King Street
Honolulu, Hawai'i 96813

PUBLIC UTILITIES
COMMISSION

Dear Commissioners:

Subject: Docket No. 2011-0206
Reliability Standards Working Group
Monthly Report

Pursuant to Ordering Paragraph 3 of the Commission's Order No. 30371, filed on May 4, 2012, in the above subject proceeding, enclosed as Exhibit A is the Hawaiian Electric Companies'¹ monthly report for March 2019 on (1) system frequency control performance during month; (2) significant system events during month; and (3) curtailment of non-dispatchable renewable resources.

In addition, an electronic copy of each report is also included with this filing. These files are voluminous, and therefore, the Companies are providing a compact disc ("CD") containing the electronic files to both the Commission and the Consumer Advocate. Copies of the CD will be available to any Party to this proceeding. Interested Parties should email Marisa Chun at marisa.chun@hawaiianelectric.com to request a copy.

If you have any questions on this matter, please contact Marisa Chun at (808) 543-4723.

Sincerely,

Kevin M. Katsura
Director
Regulatory Non-Rate Proceedings

Enclosure

c: Service List

¹ Hawaiian Electric Company, Inc., Hawai'i Electric Light Company, Inc., and Maui Electric Company, Limited are collectively referred to as the "Hawaiian Electric Companies" or "Companies".

The Commission's Order No. 30371 (Docket No 2011-0206 – Relating To Various Matters in RSWG Process), filed May 4, 2012, ordered the following information for each island grid:

- (1) System frequency control performance during month:
 - a) Frequency duration plot based on the highest resolution SCADA data available for the month detailing how many seconds each power system operated at frequencies above 60 hertz and at frequencies below 60 Hz.
 - b) Tabulation of the number, magnitude and duration of frequency excursions (high and low) outside normal frequency control range (59.95 to 60.05 Hz).

The following provides information with respect to items 1a) through 1b) – (all statements are current as of the month ending March 31, 2019):

1a) Frequency duration plot based on the highest resolution SCADA data available for the month detailing how many seconds each power system operated at frequencies above 60 hertz and at frequencies below 60 Hz:

The frequency duration plots for Hawaiian Electric, Maui Electric (Maui Division) and Hawai'i Electric Light based on two-second data are provided in Attachment 1, and the enclosed Excel files. Refer to the electronic files for the individual data points because the information is voluminous and does not translate well to a hard copy.

1b) Tabulation of the number, magnitude and duration of frequency excursions (high and low) outside normal frequency control range (59.95 to 60.05 Hz):

Tabulation of the number, magnitude and duration of frequency excursions outside of the frequency range of 59.95 Hz to 60.05 Hz for Hawaiian Electric, Maui Electric (Maui Division) and Hawai'i Electric Light are provided in Attachment 2, and the enclosed Excel files. Refer to the electronic files for the individual data points because the information is voluminous and does not translate well to a hard copy.

- (2) Significant system events during month:
 - a) Tabulation of contingency reserve activations including date and time, MW magnitude, duration, and triggering event.
 - b) Tabulation of under frequency load shed activations including date and time, triggering frequency, MW magnitude, duration, and triggering event.
 - c) Tabulation of demand response activations for system events, including date and time, MW magnitude, duration, and triggering event, (excluding demand response utilization for unit commitment deferral or system operations economics.)

The following provides information with respect to items 2a) through 2c) – (all statements are current as of the month ending March 31, 2019):

2a) Tabulation of contingency reserve activations including date and time, MW magnitude, duration, and triggering event:

Hawaiian Electric did not have any contingency reserve activations for the month of March. Maui Electric and Hawai'i Electric Light do not operate with contingency reserve requirements. Therefore, Attachment 3 is not being provided for this reporting period

2b) Tabulation of under frequency load shed activations including date and time, triggering frequency, MW magnitude, duration, and triggering event:

Hawaiian Electric, Hawai'i Electric Light, and Maui Electric did not have any under frequency load shed activations for the month of March. Therefore, Attachment 4 is not being provided for this reporting period.

2c) Tabulation of demand response activations for system events, including date and time, MW magnitude, duration, and triggering event, (excluding demand response utilization for unit commitment deferral or system operations economics.)

Hawaiian Electric did not have any demand response activations for system events for the month of March. Hawai'i Electric Light currently does not have a demand response program. Maui Electric has implemented the Fast Demand Response pilot program on a limited basis. Hawai'i Electric Light plans to use the findings of Maui Electric's pilot program to help in the evaluation and development of future demand response programs. Maui Electric executes a weekly testing protocol which measures customer participation. This program is not currently used in response to actual system events. Therefore, Attachment 5 is not being provided for this reporting period.

- (3) Curtailment of non-dispatchable renewable resources:
- (a) Tabulation of each curtailment event for each resource including the starting date and time, duration, megawatt hours curtailed, peak MW curtailed, and reason for curtailment.
 - (b) Total MWh of non-dispatchable renewable resources curtailed for the month.

The following provides information with respect to items 3a) through 3b) – (all statements are current as of the month ending March 31, 2019):

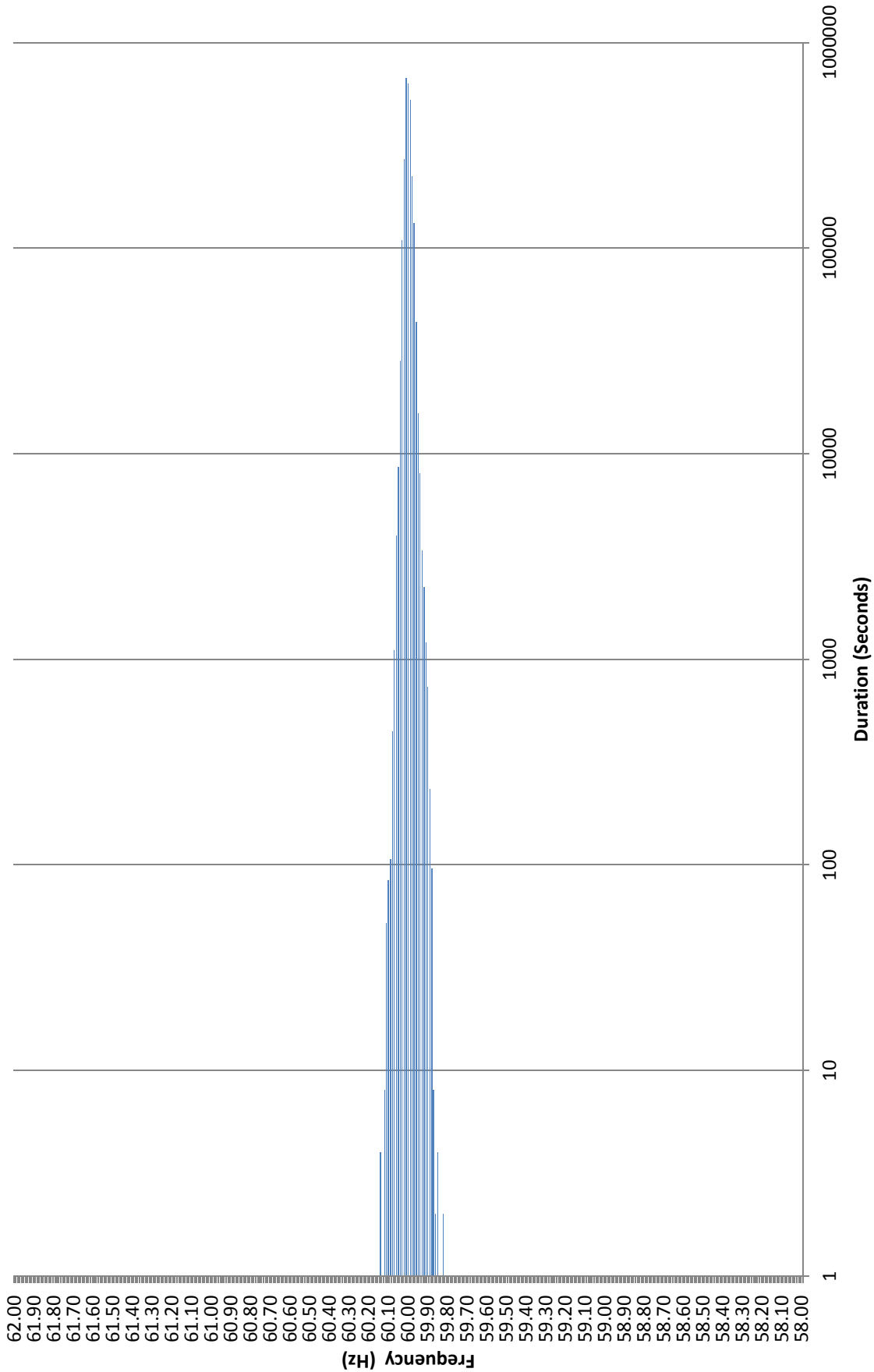
3a) Tabulation of each curtailment event for each resource including the starting date and time, duration, megawatt hours curtailed, peak MW curtailed, and reason for curtailment:

The tabulation of each curtailment event for each resource is provided in Attachment 6.

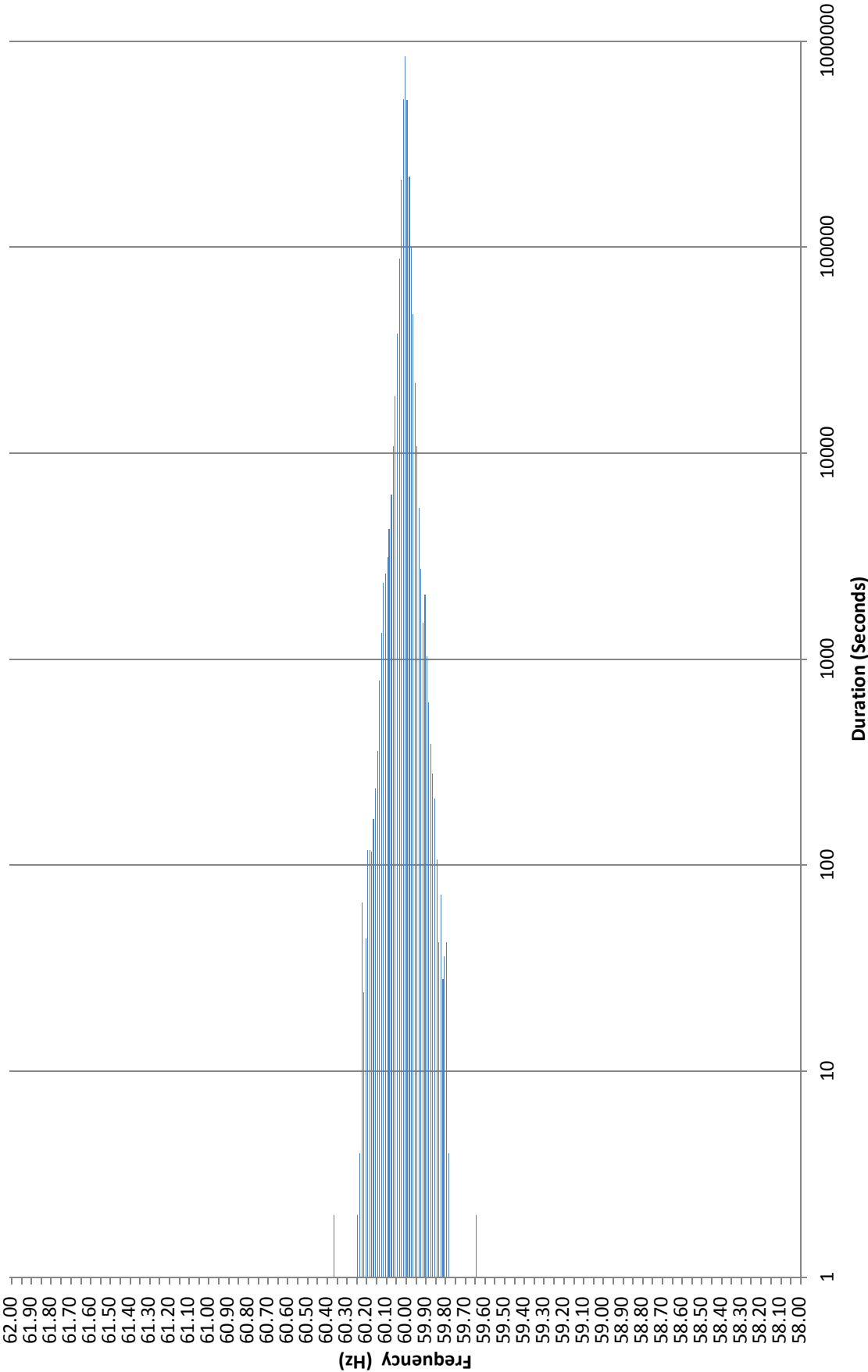
3b) Total MWh of non-dispatchable renewable resources curtailed for the month:

Curtailed MWh from non-dispatchable resources are difficult to determine due to the variability of the resource during curtailment periods. In some cases, the curtailed MWh estimates were provided by the IPPs under curtailment. The Hawaiian Electric Companies do not make any representations as to the accuracy of the curtailed MWh. The estimated MWh of non-dispatchable resources curtailed for the month are provided in Attachment 6, corresponding to each curtailment event.

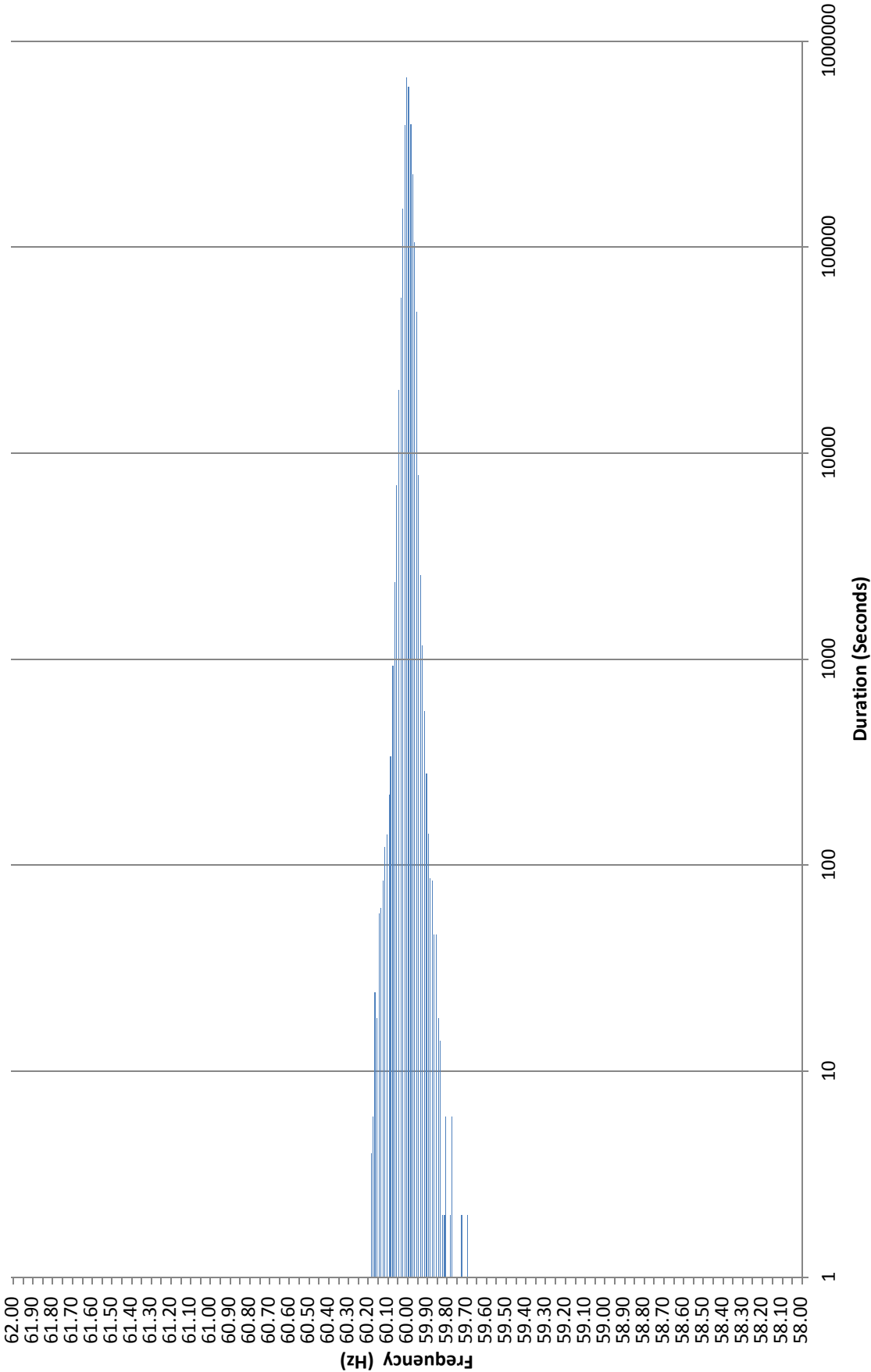
Frequency Distribution Plot - Hawaiian Electric March 2019



Frequency Distribution Plot - Maui Electric March 2019



**Frequency Distribution Plot - Hawai'i Electric Light
March 2019**



Hawaiian Electric Frequency Excursion Statistics March 2019		
Data Rounded to the nearest	<59.95 Hz	>60.05 Hz
Number of Excursions	1660	764
Maximum Duration (sec)	634	260
Maximum Deviation (Hz)	59.824	60.144
Total Duration of Excursions (sec)	21238	8708

Maui Electric Frequency Excursion Statistics March 2019		
	<59.95 Hz	>60.05 Hz
Number of Excursions	4937	3845
Maximum Duration (sec)	408	626
Maximum Deviation (Hz)	59.644	60.363
Total Duration of Excursions (sec)	34172	40608

Hawai'i Electric Light Frequency Excursion Statistics March 2019		
	<59.95 Hz	>60.05 Hz
Number of Excursions	5634	1032
Maximum Duration (sec)	322	170
Maximum Deviation (Hz)	59.686	60.179
Total Duration of Excursions (sec)	35884	6980

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Hawaiian Electric Curtailment Report March 2019

Start Date/Time	Curtailment Set Point	MW output prior to start of curtailment	End Date/Time	MW output after curtailment released	Estimated MWh of curtailed energy during event (1)	IPP	Reason for Curtailment
03/01/19 06:33	0.0	0.00	03/02/19 07:35	0	*	KREP	System Constraints
03/01/19 09:44	0.0	4.30	03/01/19 09:56	0	*	Waianae	System Constraints
03/02/19 08:50	0.0	23.70	03/02/19 10:08	0	*	Waianae	System Constraints
03/04/19 15:50	49.0	14.00	03/04/19 15:52	0	*	Mauka	Facility Requested
03/04/19 15:50	19.0	9.00	03/04/19 15:52	0	*	Makai	Facility Requested
03/06/19 06:23	0.0	11.80	03/06/19 16:30	0	*	KWF	System Constraints
03/06/19 06:41	0.0	0.80	03/06/19 16:25	0	*	Makai	System Constraints
03/06/19 06:41	0.0	18.10	03/06/19 09:40	0	*	Mauka	System Constraints
03/06/19 15:32	0.0	23.30	03/06/19 16:24	0	*	Mauka	System Constraints
03/08/19 06:22	0.0	23.00	03/08/19 16:04	0	*	KWF	System Constraints
03/08/19 06:26	0.0	2.10	03/08/19 16:07	0	*	Makai	System Constraints
03/08/19 06:27	0.0	13.20	03/08/19 06:50	0	*	Mauka	System Constraints
03/08/19 15:28	0.0	42.00	03/08/19 16:07	0	*	Mauka	System Constraints
03/09/19 06:28	0.0	0.00	03/09/19 07:27	0	*	KREP	System Constraints
03/09/19 14:03	0.0	1.80	03/09/19 14:21	0	*	KREP	System Constraints
03/13/19 06:58	0.0	0.00	03/13/19 16:51	0	*	Waianae	System Constraints
03/13/19 07:14	0.0	0.10	03/13/19 07:25	0	*	Aloha1	System Constraints
03/13/19 14:38	0.0	1.80	03/13/19 15:46	0	*	Aloha1	System Constraints
03/15/19 06:18	0.0	3.00	03/16/19 08:17	0	*	KWF	System Constraints
03/15/19 06:23	0.0	0.00	03/15/19 21:30	0	*	Makai	System Constraints
03/15/19 06:23	0.0	0.00	03/15/19 06:36	0	*	Mauka	System Constraints
03/15/19 19:08	0.0	2.30	03/15/19 21:31	0	*	Mauka	System Constraints
03/17/19 07:13	0.0	0.20	03/17/19 07:36	0	*	KLS2	System Constraints
03/17/19 07:15	0.0	0.20	03/18/19 09:13	0	*	KREP	System Constraints
03/17/19 17:34	0.0	1.00	03/17/19 17:44	0	*	KLS2	System Constraints
03/18/19 05:40	0.0	4.00	03/18/19 23:17	0	*	KWF	System Constraints
03/18/19 05:45	0.0	0.00	03/18/19 23:23	0	*	Makai	System Constraints
03/18/19 05:46	0.0	0.00	03/18/19 06:32	0	*	Mauka	System Constraints
03/18/19 08:04	0.0	1.60	03/18/19 09:31	0	*	North	System Constraints
03/18/19 08:06	0.0	0.50	03/18/19 09:32	0	*	South	System Constraints
03/18/19 18:10	0.0	8.30	03/18/19 23:25	0	*	Mauka	System Constraints
03/19/19 06:55	0.0	0.00	03/19/19 17:23	0	*	Aloha1	System Constraints
03/19/19 06:56	0.0	0.00	03/19/19 07:23	0	*	Waianae	System Constraints
03/19/19 16:39	0.0	1.50	03/19/19 17:19	0	*	Waianae	System Constraints
03/23/19 15:37	0.0	3.00	03/23/19 16:17	0	*	KWF	System Constraints
03/23/19 15:40	0.0	2.00	03/23/19 16:19	0	*	Makai	System Constraints
03/25/19 22:35	0.0	0.00	03/25/19 23:00	0	*	KLS2	System Constraints
03/26/19 07:36	0.0	7.10	03/26/19 10:00	0	*	KWF	System Constraints
03/26/19 08:01	0.0	0.80	03/26/19 09:49	0	*	Makai	System Constraints
03/26/19 09:17	0.0	3.80	03/26/19 09:31	0	*	KLS2	System Constraints
03/26/19 18:20	0.0	5.00	03/26/19 19:02	0	*	KWF	System Constraints
03/26/19 18:24	0.0	6.40	03/26/19 19:04	0	*	Makai	System Constraints
03/27/19 06:11	0.0	0.00	03/27/19 07:56	0	*	KREP	System Constraints
03/27/19 14:48	0.0	2.40	03/27/19 16:54	0	*	KREP	System Constraints
03/28/19 09:00	0.0	1.00	03/28/19 14:11	0	*	KWF	Facility Requested
03/30/19 05:07	0.0	0.00	03/30/19 05:54	0	*	KLS2	System Constraints
03/30/19 05:07	0.0	0.00	03/30/19 05:54	0	*	KREP	System Constraints
03/30/19 13:43	0.0	4.40	03/30/19 14:06	0	*	KREP	System Constraints
03/30/19 18:06	0.0	0.70	03/30/19 18:31	0	*	KLS2	System Constraints
03/30/19 18:06	0.0	0.20	03/30/19 18:31	0	*	KREP	System Constraints

Aloha1 = Aloha Solar 1 PV Farm
KLS2 = Kalaeloa Solar 2 PV Farm
KREP = Kalaeloa Renewable Energy Park
KWF = Kahuku Wind Farm
Makai = Kawaiiloa Makai Wind Farm
Mauka = Kawaiiloa Mauka Wind Farm
North = Waihonu North PV Farm
South = Waihonu South PV Farm
Waianae = Waianae Solar PV Farm

(1) The estimated MWh of energy curtailed during the event is supplied by Kahuku Wind Farm and/or Kawaiiloa Wind Farm, and HECO does not make any representations as to its accuracy.

* Data has not been provided by IPP.



Maui Curtailment Report

March 2019

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/1/2019 1:21	0:01	KWP2	0.010	16.067	Oversupply
3/1/2019 3:14	0:02	KWP2	0.004	15.254	Oversupply
3/1/2019 3:18	0:01	KWP2	0.001	14.930	Oversupply
3/1/2019 3:38	0:17	KWP2	0.420	16.906	Oversupply
3/1/2019 3:57	0:01	KWP2	0.007	13.953	Oversupply
3/1/2019 4:31	0:03	KWP2	0.022	16.182	Oversupply
3/1/2019 4:42	0:02	KWP2	0.010	17.102	Oversupply
3/1/2019 4:45	0:09	KWP2	0.162	17.553	Oversupply
3/1/2019 9:59	0:01	KS	0.000	1.609	Oversupply
3/1/2019 10:00	0:01	KS	0.001	1.793	Oversupply
3/1/2019 10:01	0:01	SMRR	0.001	2.124	Oversupply
3/1/2019 10:01	0:01	SMRR	0.001	1.679	Oversupply
3/1/2019 10:21	0:01	SMRR	0.002	2.045	Oversupply
3/1/2019 10:21	0:01	KS	0.003	2.650	Oversupply
3/1/2019 10:22	0:01	SMRR	0.002	2.197	Oversupply
3/1/2019 10:22	0:01	KS	0.003	1.995	Oversupply
3/1/2019 10:23	0:01	SMRR	0.002	2.339	Oversupply
3/1/2019 10:24	0:01	SMRR	0.002	2.340	Oversupply
3/1/2019 10:26	0:01	SMRR	0.002	2.346	Oversupply
3/1/2019 10:27	0:01	SMRR	0.002	2.429	Oversupply
3/1/2019 10:28	0:01	SMRR	0.002	2.207	Oversupply
3/1/2019 10:28	0:01	KS	0.003	2.069	Oversupply
3/1/2019 10:29	0:01	KS	-0.005	1.117	Oversupply
3/1/2019 10:30	0:01	SMRR	0.002	1.875	Oversupply
3/1/2019 10:31	0:01	SMRR	0.002	2.048	Oversupply
3/1/2019 10:34	0:01	SMRR	0.002	2.625	Oversupply
3/1/2019 10:34	0:01	SMRR	0.002	2.621	Oversupply
3/1/2019 10:35	0:01	SMRR	0.002	2.616	Oversupply
3/1/2019 12:19	0:01	KS	0.005	2.264	Oversupply
3/1/2019 12:20	0:01	KS	0.005	2.046	Oversupply
3/1/2019 12:21	0:01	KS	0.004	1.715	Oversupply
3/1/2019 12:21	0:01	SMRR	0.004	2.135	Oversupply
3/1/2019 12:22	0:01	KS	0.005	2.526	Oversupply
3/1/2019 12:22	0:01	SMRR	0.004	1.962	Oversupply
3/1/2019 12:23	0:01	SMRR	0.004	1.720	Oversupply
3/1/2019 12:23	0:01	SMRR	0.004	2.457	Oversupply
3/1/2019 12:33	0:01	KS	0.011	2.323	Oversupply
3/1/2019 12:34	0:01	KS	0.011	2.071	Oversupply
3/1/2019 12:35	0:01	KS	0.011	1.522	Oversupply
3/1/2019 12:35	0:01	SMRR	0.008	2.901	Oversupply
3/1/2019 12:35	0:01	KS	0.011	1.224	Oversupply
3/1/2019 12:36	0:01	SMRR	0.008	2.325	Oversupply
3/1/2019 12:36	0:01	KS	0.011	1.622	Oversupply
3/1/2019 12:36	0:01	SMRR	0.008	2.211	Oversupply
3/1/2019 12:37	0:01	SMRR	0.008	1.722	Oversupply
3/1/2019 12:38	0:01	SMRR	0.008	2.213	Oversupply
3/1/2019 12:38	0:01	KS	0.011	2.430	Oversupply
3/1/2019 12:39	0:01	KS	0.011	1.498	Oversupply
3/1/2019 12:40	0:01	KS	0.011	1.343	Oversupply
3/1/2019 12:40	0:01	SMRR	0.008	2.311	Oversupply
3/1/2019 12:41	0:01	KS	0.011	1.797	Oversupply
3/1/2019 12:41	0:01	SMRR	0.008	2.001	Oversupply
3/1/2019 12:41	0:01	KS	0.011	1.024	Oversupply
3/1/2019 12:42	0:01	SMRR	0.008	1.750	Oversupply
3/1/2019 12:42	0:01	KS	0.011	0.722	Oversupply
3/1/2019 12:43	0:01	SMRR	0.008	1.470	Oversupply
3/1/2019 12:43	0:02	KS	0.027	0.037	Oversupply
3/1/2019 12:43	0:01	SMRR	0.008	1.060	Oversupply
3/1/2019 12:44	0:01	BS250	Data is not available	Data is not available	Oversupply
3/1/2019 12:44	0:01	SMRR	0.012	0.500	Oversupply
3/1/2019 12:45	0:01	SMRR	0.019	0.557	Oversupply
3/1/2019 12:45	0:01	KS	0.009	0.326	Oversupply
3/1/2019 12:46	0:01	SMRR	0.020	0.024	Oversupply
3/1/2019 12:46	0:01	KS	0.009	0.324	Oversupply
3/1/2019 12:46	0:01	SMRR	0.020	0.052	Oversupply
3/1/2019 12:47	0:01	KS	0.009	0.569	Oversupply
3/1/2019 12:47	0:01	SMRR	0.020	0.381	Oversupply
3/1/2019 12:47	0:01	KS	0.009	0.543	Oversupply
3/1/2019 12:48	0:01	SMRR	0.020	0.580	Oversupply
3/1/2019 12:48	0:01	KS	0.009	0.533	Oversupply
3/1/2019 12:49	0:01	SMRR	0.019	0.976	Oversupply
3/1/2019 12:49	0:01	KS	0.009	0.559	Oversupply
3/1/2019 12:49	0:01	SMRR	0.020	0.633	Oversupply



Maui Curtailment Report

March 2019

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/1/2019 12:50	0:01	KS	0.009	0.731	Oversupply
3/1/2019 12:50	0:01	SMRR	0.020	1.020	Oversupply
3/1/2019 12:51	0:01	SMRR	0.020	1.001	Oversupply
3/1/2019 12:51	0:01	KS	0.009	0.977	Oversupply
3/1/2019 12:52	0:01	SMRR	0.019	1.210	Oversupply
3/1/2019 12:52	0:01	KS	0.009	0.976	Oversupply
3/1/2019 12:52	0:01	SMRR	0.020	1.440	Oversupply
3/1/2019 12:53	0:01	KS	0.009	1.373	Oversupply
3/1/2019 12:53	0:01	SMRR	0.020	1.583	Oversupply
3/1/2019 12:54	0:01	SMRR	0.020	2.324	Oversupply
3/1/2019 12:55	0:01	KS	0.009	1.162	Oversupply
3/1/2019 12:56	0:01	KS	0.009	0.721	Oversupply
3/1/2019 12:56	0:01	SMRR	0.020	2.899	Oversupply
3/1/2019 12:57	0:01	KS	0.009	0.972	Oversupply
3/1/2019 12:58	0:01	SMRR	0.019	1.759	Oversupply
3/1/2019 12:58	0:01	KS	0.010	1.290	Oversupply
3/1/2019 12:59	0:01	SMRR	0.020	1.716	Oversupply
3/1/2019 12:59	0:01	KS	0.007	1.130	Oversupply
3/1/2019 12:59	0:01	SMRR	0.009	2.099	Oversupply
3/1/2019 13:00	0:01	KS	0.009	1.585	Oversupply
3/1/2019 13:00	0:01	SMRR	0.006	2.633	Oversupply
3/1/2019 13:01	0:01	SMRR	0.006	2.008	Oversupply
3/1/2019 13:06	0:01	KS	0.009	2.246	Oversupply
3/1/2019 13:07	0:01	SMRR	0.006	1.535	Oversupply
3/1/2019 13:07	0:01	KS	0.009	2.343	Oversupply
3/1/2019 13:08	0:01	SMRR	0.006	2.226	Oversupply
3/1/2019 13:08	0:01	KS	0.009	2.255	Oversupply
3/1/2019 13:09	0:01	SMRR	0.006	2.405	Oversupply
3/1/2019 13:09	0:01	KS	0.009	2.582	Oversupply
3/1/2019 13:09	0:01	SMRR	0.006	2.316	Oversupply
3/1/2019 13:10	0:01	SMRR	0.006	2.062	Oversupply
3/1/2019 13:11	0:01	SMRR	0.006	2.387	Oversupply
3/1/2019 13:12	0:01	SMRR	0.006	2.765	Oversupply
3/1/2019 13:13	0:01	KS	0.009	2.138	Oversupply
3/1/2019 13:13	0:02	KS	0.034	0.880	Oversupply
3/1/2019 13:14	0:01	BS250	Data is not available	Data is not available	Oversupply
3/1/2019 13:14	0:01	SMRR	0.009	2.834	Oversupply
3/1/2019 13:15	0:01	KWP11	0.006	9.032	Oversupply
3/1/2019 13:15	0:01	SMRR	0.025	1.938	Oversupply
3/1/2019 13:15	0:01	KS	0.015	0.152	Oversupply
3/1/2019 13:15	0:02	SMRR	0.050	0.685	Oversupply
3/1/2019 13:16	0:01	KS	0.015	0.590	Oversupply
3/1/2019 13:17	0:01	KS	0.015	0.525	Oversupply
3/1/2019 13:17	0:01	SMRR	0.024	0.023	Oversupply
3/1/2019 13:18	0:01	SMRR	0.025	0.412	Oversupply
3/1/2019 13:18	0:01	KS	0.015	0.602	Oversupply
3/1/2019 13:18	0:01	SMRR	0.025	0.463	Oversupply
3/1/2019 13:19	0:01	KS	0.015	0.606	Oversupply
3/1/2019 13:19	0:01	SMRR	0.025	0.793	Oversupply
3/1/2019 13:19	0:01	KS	0.015	0.562	Oversupply
3/1/2019 13:20	0:01	SMRR	0.024	1.020	Oversupply
3/1/2019 13:20	0:01	KS	0.015	0.622	Oversupply
3/1/2019 13:21	0:01	SMRR	0.025	0.752	Oversupply
3/1/2019 13:21	0:01	KS	0.015	0.484	Oversupply
3/1/2019 13:22	0:01	SMRR	0.025	0.719	Oversupply
3/1/2019 13:22	0:01	KS	0.015	0.030	Oversupply
3/1/2019 13:22	0:01	SMRR	0.025	1.040	Oversupply
3/1/2019 13:23	0:01	KS	0.015	0.394	Oversupply
3/1/2019 13:23	0:01	SMRR	0.025	0.773	Oversupply
3/1/2019 13:24	0:01	SMRR	0.024	0.186	Oversupply
3/1/2019 13:25	0:01	SMRR	0.025	0.251	Oversupply
3/1/2019 13:25	0:01	KS	0.015	1.054	Oversupply
3/1/2019 13:25	0:01	SMRR	0.025	1.366	Oversupply
3/1/2019 13:26	0:01	KS	0.015	0.499	Oversupply
3/1/2019 13:26	0:01	SMRR	0.025	2.115	Oversupply
3/1/2019 13:26	0:01	KS	0.015	0.813	Oversupply
3/1/2019 13:27	0:01	SMRR	0.024	1.460	Oversupply
3/1/2019 13:28	0:01	SMRR	0.025	1.362	Oversupply
3/1/2019 13:28	0:01	SMRR	0.025	1.948	Oversupply
3/1/2019 13:35	0:01	KS	-0.002	1.892	Oversupply
3/1/2019 13:37	0:01	SMRR	0.001	2.869	Oversupply
3/1/2019 13:38	0:01	AWE	0.002	0.100	Oversupply
3/1/2019 13:38	0:01	SMRR	0.001	2.681	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/1/2019 15:19	0:01	KS	0.024	1.878	Oversupply
3/1/2019 15:20	0:01	KS	0.024	1.251	Oversupply
3/1/2019 15:20	0:01	SMRR	0.012	1.958	Oversupply
3/1/2019 15:20	0:01	KS	0.024	1.191	Oversupply
3/1/2019 15:21	0:01	SMRR	0.012	1.518	Oversupply
3/1/2019 15:21	0:01	KS	0.024	1.025	Oversupply
3/1/2019 15:21	0:01	SMRR	0.012	0.884	Oversupply
3/1/2019 15:22	0:01	KS	0.024	0.813	Oversupply
3/1/2019 15:22	0:01	SMRR	0.012	0.897	Oversupply
3/1/2019 15:23	0:01	SMRR	0.012	0.694	Oversupply
3/1/2019 15:23	0:19	KS	0.648	0.024	Oversupply
3/1/2019 15:24	0:18	BS250	Data is not available	Data is not available	Oversupply
3/1/2019 15:24	0:22	KWPII	0.470	9.560	Oversupply
3/1/2019 15:24	0:01	SMRR	0.012	1.094	Oversupply
3/1/2019 15:24	0:01	SMRR	0.012	0.495	Oversupply
3/1/2019 15:25	0:18	SMRR	0.590	0.019	Oversupply
3/1/2019 15:42	0:01	KS	0.032	0.130	Oversupply
3/1/2019 15:43	0:02	BS250	Data is not available	Data is not available	Oversupply
3/1/2019 15:43	0:01	KS	0.032	0.006	Oversupply
3/1/2019 15:44	0:01	SMRR	0.028	0.001	Oversupply
3/1/2019 15:44	0:01	KS	0.031	0.002	Oversupply
3/1/2019 15:44	0:02	SMRR	0.040	0.029	Oversupply
3/1/2019 15:45	0:01	KS	0.020	0.069	Oversupply
3/1/2019 15:45	0:01	KS	0.020	0.162	Oversupply
3/1/2019 15:46	0:02	SMRR	0.035	0.001	Oversupply
3/1/2019 15:46	0:01	KS	0.020	0.537	Oversupply
3/1/2019 15:47	0:01	KS	0.019	0.739	Oversupply
3/1/2019 15:47	0:01	SMRR	0.017	0.144	Oversupply
3/1/2019 15:48	0:01	KS	0.020	1.491	Oversupply
3/1/2019 15:48	0:01	SMRR	0.018	0.353	Oversupply
3/1/2019 15:49	0:01	KS	0.020	1.470	Oversupply
3/1/2019 15:49	0:01	SMRR	0.018	0.498	Oversupply
3/1/2019 15:50	0:01	SMRR	0.018	0.672	Oversupply
3/1/2019 15:50	0:01	KS	0.020	1.299	Oversupply
3/1/2019 15:50	0:01	SMRR	0.017	0.666	Oversupply
3/1/2019 15:51	0:01	KS	0.020	1.263	Oversupply
3/1/2019 15:51	0:01	SMRR	0.018	0.680	Oversupply
3/1/2019 15:52	0:01	KS	0.019	1.477	Oversupply
3/1/2019 15:52	0:01	SMRR	0.018	0.838	Oversupply
3/1/2019 15:52	0:01	KS	0.020	0.809	Oversupply
3/1/2019 15:53	0:01	SMRR	0.018	1.056	Oversupply
3/1/2019 15:53	0:01	KS	0.020	1.165	Oversupply
3/1/2019 15:53	0:01	SMRR	0.018	1.314	Oversupply
3/1/2019 15:54	0:01	KS	0.020	0.677	Oversupply
3/1/2019 15:54	0:01	SMRR	0.018	2.008	Oversupply
3/1/2019 15:55	0:01	KS	0.020	1.031	Oversupply
3/1/2019 15:55	0:01	SMRR	0.017	1.099	Oversupply
3/1/2019 15:56	0:01	SMRR	0.018	0.941	Oversupply
3/1/2019 15:56	0:01	KS	0.020	0.859	Oversupply
3/1/2019 15:57	0:01	SMRR	0.018	0.974	Oversupply
3/1/2019 15:57	0:01	KS	0.020	1.344	Oversupply
3/1/2019 15:57	0:01	SMRR	0.018	0.698	Oversupply
3/1/2019 15:58	0:01	KS	0.020	1.042	Oversupply
3/1/2019 15:58	0:01	SMRR	0.017	0.779	Oversupply
3/1/2019 15:58	0:01	KS	0.020	1.695	Oversupply
3/1/2019 15:59	0:01	SMRR	0.017	0.912	Oversupply
3/1/2019 16:00	0:01	SMRR	0.008	0.871	Oversupply
3/1/2019 16:00	0:01	KS	0.011	1.999	Oversupply
3/1/2019 16:00	0:01	SMRR	0.008	1.306	Oversupply
3/1/2019 16:01	0:01	KS	0.011	1.523	Oversupply
3/1/2019 16:01	0:01	SMRR	0.008	1.882	Oversupply
3/1/2019 16:02	0:01	KS	0.011	1.434	Oversupply
3/1/2019 16:02	0:01	SMRR	0.008	2.058	Oversupply
3/1/2019 16:03	0:01	SMRR	0.008	1.493	Oversupply
3/1/2019 16:03	0:01	KS	0.011	1.592	Oversupply
3/1/2019 16:03	0:01	SMRR	0.008	1.202	Oversupply
3/1/2019 16:04	0:01	KS	0.011	0.832	Oversupply
3/1/2019 16:04	0:01	SMRR	0.008	1.272	Oversupply
3/1/2019 16:04	0:01	KS	0.011	1.470	Oversupply
3/1/2019 16:05	0:01	SMRR	0.008	1.135	Oversupply
3/1/2019 16:05	0:01	KS	0.011	1.313	Oversupply
3/1/2019 16:06	0:01	SMRR	0.008	0.832	Oversupply
3/1/2019 16:06	0:01	KS	0.011	1.159	Oversupply



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3/1/2019 16:06	0:01	SMRR	0.008	1.218	Oversupply
3/1/2019 16:07	0:01	KS	0.011	1.395	Oversupply
3/1/2019 16:07	0:01	SMRR	0.008	0.932	Oversupply
3/1/2019 16:08	0:01	KS	0.011	1.547	Oversupply
3/1/2019 16:08	0:01	SMRR	0.008	0.846	Oversupply
3/1/2019 16:09	0:01	SMRR	0.008	1.027	Oversupply
3/1/2019 16:09	0:01	KS	0.011	1.926	Oversupply
3/1/2019 16:10	0:01	SMRR	0.008	1.305	Oversupply
3/1/2019 16:10	0:01	KS	0.011	1.591	Oversupply
3/1/2019 16:10	0:01	SMRR	0.008	1.538	Oversupply
3/1/2019 16:11	0:01	KS	0.011	1.645	Oversupply
3/1/2019 16:11	0:01	SMRR	0.008	1.470	Oversupply
3/1/2019 16:11	0:01	KS	0.011	1.207	Oversupply
3/1/2019 16:12	0:01	SMRR	0.008	1.356	Oversupply
3/1/2019 16:12	0:01	KS	0.011	1.220	Oversupply
3/1/2019 16:13	0:01	SMRR	0.008	1.345	Oversupply
3/1/2019 16:13	0:01	KS	0.011	1.723	Oversupply
3/1/2019 16:13	0:01	SMRR	0.008	0.904	Oversupply
3/1/2019 16:14	0:01	KS	0.008	1.055	Oversupply
3/1/2019 16:14	0:01	SMRR	0.006	0.929	Oversupply
3/1/2019 16:15	0:01	KS	0.001	1.343	Oversupply
3/1/2019 16:15	0:01	SMRR	0.002	1.174	Oversupply
3/1/2019 16:16	0:02	SMRR	0.004	1.139	Oversupply
3/1/2019 16:16	0:01	KS	0.001	1.618	Oversupply
3/1/2019 16:17	0:01	SMRR	0.002	1.063	Oversupply
3/1/2019 16:17	0:01	KS	0.001	1.965	Oversupply
3/1/2019 16:18	0:01	KS	0.001	1.835	Oversupply
3/1/2019 16:19	0:01	KS	0.001	1.286	Oversupply
3/1/2019 16:19	0:01	SMRR	0.002	1.848	Oversupply
3/1/2019 16:20	0:01	SMRR	0.002	1.238	Oversupply
3/1/2019 16:21	0:01	SMRR	0.002	1.529	Oversupply
3/2/2019 4:58	0:22	KWPPII	0.694	18.178	Oversupply
3/2/2019 5:23	0:01	KWPPII	0.005	17.006	Oversupply
3/2/2019 8:19	0:01	KS	0.003	0.625	Oversupply
3/2/2019 8:20	0:01	KS	0.003	0.639	Oversupply
3/2/2019 8:21	0:01	SMRR	0.000	1.091	Oversupply
3/2/2019 8:21	0:01	KS	0.003	0.665	Oversupply
3/2/2019 8:22	0:01	SMRR	0.000	1.118	Oversupply
3/2/2019 8:23	0:01	SMRR	0.000	0.870	Oversupply
3/2/2019 8:25	0:01	KS	0.003	0.721	Oversupply
3/2/2019 8:26	0:01	SMRR	0.000	1.031	Oversupply
3/2/2019 8:27	0:01	KS	0.003	0.746	Oversupply
3/2/2019 8:27	0:01	SMRR	0.000	0.988	Oversupply
3/2/2019 8:27	0:01	KS	0.003	0.759	Oversupply
3/2/2019 8:28	0:02	KS	0.008	0.734	Oversupply
3/2/2019 8:29	0:01	BS250	Data is not available	Data is not available	Oversupply
3/2/2019 8:29	0:01	SMRR	0.000	0.932	Oversupply
3/2/2019 8:29	0:01	SMRR	0.004	0.598	Oversupply
3/2/2019 8:30	0:01	KWPPII	0.010	17.741	Oversupply
3/2/2019 8:30	0:01	KS	0.009	0.121	Oversupply
3/2/2019 8:30	0:01	SMRR	0.008	0.090	Oversupply
3/2/2019 8:31	0:01	SMRR	0.008	0.005	Oversupply
3/2/2019 8:31	0:01	KS	0.009	0.577	Oversupply
3/2/2019 8:32	0:01	SMRR	0.008	0.010	Oversupply
3/2/2019 8:32	0:03	KS	0.027	0.161	Oversupply
3/2/2019 8:32	0:01	SMRR	0.008	0.469	Oversupply
3/2/2019 8:33	0:01	BS250	Data is not available	Data is not available	Oversupply
3/2/2019 8:33	0:03	KWPPII	0.032	18.638	Oversupply
3/2/2019 8:33	0:01	SMRR	0.008	0.470	Oversupply
3/2/2019 8:34	0:03	SMRR	0.032	0.015	Oversupply
3/2/2019 8:34	0:01	KS	0.009	0.064	Oversupply
3/2/2019 8:35	0:01	KS	0.009	0.316	Oversupply
3/2/2019 8:37	0:01	SMRR	0.008	0.416	Oversupply
3/2/2019 8:38	0:01	SMRR	0.008	0.832	Oversupply
3/2/2019 8:40	0:01	KS	0.009	0.527	Oversupply
3/2/2019 8:40	0:01	KS	0.009	0.668	Oversupply
3/2/2019 8:41	0:01	KS	0.009	0.671	Oversupply
3/2/2019 8:42	0:01	SMRR	0.008	0.951	Oversupply
3/2/2019 8:42	0:01	KS	0.009	0.678	Oversupply
3/2/2019 8:42	0:01	SMRR	0.008	0.875	Oversupply
3/2/2019 8:43	0:01	KS	0.009	0.719	Oversupply
3/2/2019 8:44	0:01	KS	0.009	0.872	Oversupply
3/2/2019 8:45	0:01	SMRR	0.008	0.864	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/2/2019 8:45	0:01	KS	0.010	1.053	Oversupply
3/2/2019 8:45	0:01	SMRR	0.008	0.918	Oversupply
3/2/2019 8:47	0:01	SMRR	0.008	1.384	Oversupply
3/2/2019 8:48	0:01	KS	0.010	1.108	Oversupply
3/2/2019 8:49	0:01	KS	0.010	0.735	Oversupply
3/2/2019 8:50	0:01	BS250	Data is not available	Data is not available	Oversupply
3/2/2019 8:50	0:01	SMRR	0.008	1.538	Oversupply
3/2/2019 8:50	0:01	KS	0.010	0.013	Oversupply
3/2/2019 8:51	0:01	KWPPII	0.011	18.468	Oversupply
3/2/2019 8:51	0:01	SMRR	0.008	0.963	Oversupply
3/2/2019 8:51	0:01	KS	0.010	0.607	Oversupply
3/2/2019 8:51	0:02	SMRR	0.016	0.310	Oversupply
3/2/2019 8:52	0:01	KS	0.010	0.495	Oversupply
3/2/2019 8:53	0:01	BS250	Data is not available	Data is not available	Oversupply
3/2/2019 8:53	0:02	KS	0.020	0.089	Oversupply
3/2/2019 8:53	0:01	SMRR	0.008	0.835	Oversupply
3/2/2019 8:54	0:01	SMRR	0.008	0.626	Oversupply
3/2/2019 8:54	0:01	KS	0.010	0.704	Oversupply
3/2/2019 8:55	0:02	SMRR	0.015	0.148	Oversupply
3/2/2019 8:55	0:01	KS	0.010	0.721	Oversupply
3/2/2019 8:56	0:01	KS	0.010	0.129	Oversupply
3/2/2019 8:56	0:01	SMRR	0.008	0.731	Oversupply
3/2/2019 8:57	5:55	BS250	Data is not available	Data is not available	Oversupply
3/2/2019 8:57	0:01	SMRR	0.008	0.713	Oversupply
3/2/2019 8:57	5:55	KS	14.791	0.018	Oversupply
3/2/2019 8:58	5:55	KWPPII	56.385	18.160	Oversupply
3/2/2019 8:58	0:01	SMRR	0.008	0.502	Oversupply
3/2/2019 8:58	0:01	SMRR	0.008	0.028	Oversupply
3/2/2019 8:59	5:54	SMRR	13.309	0.010	Oversupply
3/2/2019 10:02	4:44	AWE	27.917	16.100	Oversupply
3/2/2019 11:48	0:01	5A	Data is not available	Data is not available	Oversupply
3/2/2019 12:03	0:03	5A	Data is not available	Data is not available	Oversupply
3/2/2019 12:03	0:03	BS	Data is not available	Data is not available	Oversupply
3/2/2019 12:07	0:03	5A	Data is not available	Data is not available	Oversupply
3/2/2019 12:07	0:03	BS	Data is not available	Data is not available	Oversupply
3/2/2019 14:47	0:01	AWE	0.011	17.000	Oversupply
3/2/2019 14:52	0:01	KS	0.040	0.222	Oversupply
3/2/2019 14:53	0:01	KS	0.040	0.544	Oversupply
3/2/2019 14:53	0:41	KS	1.759	0.557	Oversupply
3/2/2019 14:54	0:38	BS250	Data is not available	Data is not available	Oversupply
3/2/2019 14:54	0:01	SMRR	0.031	0.239	Oversupply
3/2/2019 14:54	0:01	SMRR	0.031	0.548	Oversupply
3/2/2019 14:55	0:39	KWPPII	4.891	16.119	Oversupply
3/2/2019 14:55	0:01	SMRR	0.031	0.777	Oversupply
3/2/2019 14:56	0:40	SMRR	1.558	0.275	Oversupply
3/2/2019 15:33	0:02	BS250	Data is not available	Data is not available	Oversupply
3/2/2019 15:35	0:01	KWPPII	0.001	15.932	Oversupply
3/2/2019 15:35	0:01	KS	0.039	0.306	Oversupply
3/2/2019 15:36	0:01	KS	0.039	0.113	Oversupply
3/2/2019 15:36	0:01	SMRR	0.026	0.068	Oversupply
3/2/2019 15:37	0:13	BS250	Data is not available	Data is not available	Oversupply
3/2/2019 15:37	0:13	KWPPII	0.342	18.331	Oversupply
3/2/2019 15:37	0:13	KS	0.509	0.005	Oversupply
3/2/2019 15:37	0:01	SMRR	0.026	0.205	Oversupply
3/2/2019 15:38	0:01	SMRR	0.026	0.086	Oversupply
3/2/2019 15:39	0:13	SMRR	0.366	0.004	Oversupply
3/2/2019 15:50	0:01	KS	0.026	0.364	Oversupply
3/2/2019 15:50	0:02	KS	0.051	0.209	Oversupply
3/2/2019 15:52	0:01	SMRR	0.018	0.272	Oversupply
3/2/2019 15:52	0:01	KS	0.025	0.705	Oversupply
3/2/2019 15:52	0:01	SMRR	0.018	0.150	Oversupply
3/2/2019 15:53	0:01	KS	0.026	0.890	Oversupply
3/2/2019 15:53	0:01	SMRR	0.018	0.117	Oversupply
3/2/2019 15:54	0:01	SMRR	0.018	0.394	Oversupply
3/2/2019 15:54	0:01	KS	0.026	1.181	Oversupply
3/2/2019 15:55	0:01	SMRR	0.018	1.314	Oversupply
3/2/2019 15:55	0:01	KS	0.026	1.660	Oversupply
3/2/2019 15:55	0:01	SMRR	0.018	1.713	Oversupply
3/2/2019 15:56	0:01	KS	0.026	2.009	Oversupply
3/2/2019 15:56	0:01	SMRR	0.018	1.979	Oversupply
3/2/2019 15:57	0:01	KS	0.025	2.121	Oversupply
3/2/2019 15:57	0:01	SMRR	0.018	1.738	Oversupply
3/2/2019 15:57	0:01	KS	0.026	1.714	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/2/2019 15:58	0:01	SMRR	0.018	1.778	Oversupply
3/2/2019 15:58	0:01	KS	0.026	2.182	Oversupply
3/2/2019 15:58	0:01	SMRR	0.018	1.713	Oversupply
3/2/2019 15:59	0:01	SMRR	0.010	1.159	Oversupply
3/2/2019 16:00	0:01	SMRR	-0.001	1.652	Oversupply
3/2/2019 20:51	0:04	KWPPII	0.036	16.816	Oversupply
3/2/2019 21:00	0:01	KWPPII	0.004	16.136	Oversupply
3/3/2019 0:05	0:03	KWPPII	0.009	20.478	Oversupply
3/3/2019 0:18	0:01	KWPPII	0.008	19.900	Oversupply
3/3/2019 0:20	0:15	KWPPII	0.211	20.105	Oversupply
3/3/2019 0:36	0:22	KWPPII	1.208	19.519	Oversupply
3/3/2019 0:59	1:55	KWPPII	5.543	19.256	Oversupply
3/3/2019 2:56	1:26	KWPPII	6.098	18.917	Oversupply
3/3/2019 4:42	0:01	KWPPII	0.000	16.853	Oversupply
3/3/2019 4:45	0:02	KWPPII	0.012	17.246	Oversupply
3/3/2019 5:13	0:01	KWPPII	0.003	16.736	Oversupply
3/3/2019 8:40	0:01	KS	0.002	1.000	Oversupply
3/3/2019 8:42	0:01	SMRR	-0.002	1.441	Oversupply
3/3/2019 8:42	0:01	SMRR	-0.002	1.155	Oversupply
3/3/2019 8:45	0:01	KS	0.008	1.088	Oversupply
3/3/2019 8:46	0:01	KS	0.008	1.097	Oversupply
3/3/2019 8:47	0:01	KS	0.008	0.744	Oversupply
3/3/2019 8:47	0:01	SMRR	0.006	1.267	Oversupply
3/3/2019 8:48	0:01	KS	0.008	0.750	Oversupply
3/3/2019 8:48	0:01	SMRR	0.006	1.356	Oversupply
3/3/2019 8:49	0:01	KS	0.008	0.878	Oversupply
3/3/2019 8:49	0:01	SMRR	0.006	0.706	Oversupply
3/3/2019 8:49	0:01	SMRR	0.006	0.753	Oversupply
3/3/2019 8:49	0:01	KS	0.007	0.400	Oversupply
3/3/2019 8:50	0:01	SMRR	0.006	1.042	Oversupply
3/3/2019 8:50	0:01	KS	0.007	0.181	Oversupply
3/3/2019 8:51	0:01	SMRR	0.006	0.997	Oversupply
3/3/2019 8:51	0:01	KS	0.008	1.144	Oversupply
3/3/2019 8:52	0:01	SMRR	0.006	0.264	Oversupply
3/3/2019 8:52	0:01	KS	0.007	1.192	Oversupply
3/3/2019 8:52	0:01	SMRR	0.006	0.211	Oversupply
3/3/2019 8:53	0:01	KS	0.008	1.207	Oversupply
3/3/2019 8:54	0:01	KS	0.008	0.718	Oversupply
3/3/2019 8:55	0:01	KS	0.008	0.239	Oversupply
3/3/2019 8:55	0:01	SMRR	0.006	1.549	Oversupply
3/3/2019 8:55	0:01	KS	0.008	0.307	Oversupply
3/3/2019 8:55	0:01	SMRR	0.006	1.008	Oversupply
3/3/2019 8:56	0:01	SMRR	0.006	0.550	Oversupply
3/3/2019 8:56	0:01	KS	0.008	0.199	Oversupply
3/3/2019 8:57	0:01	SMRR	0.006	0.362	Oversupply
3/3/2019 8:57	0:01	KS	0.008	0.321	Oversupply
3/3/2019 8:58	0:01	SMRR	0.006	0.285	Oversupply
3/3/2019 8:58	0:01	KS	0.008	0.016	Oversupply
3/3/2019 8:59	0:01	SMRR	0.006	0.334	Oversupply
3/3/2019 8:59	0:01	KS	0.005	0.759	Oversupply
3/3/2019 8:59	0:01	SMRR	0.000	0.398	Oversupply
3/3/2019 9:00	0:01	KS	0.001	0.738	Oversupply
3/3/2019 9:00	0:01	SMRR	0.000	0.133	Oversupply
3/3/2019 9:01	0:01	SMRR	0.000	0.831	Oversupply
3/3/2019 9:02	0:01	SMRR	0.000	0.828	Oversupply
3/3/2019 9:02	0:01	KS	0.001	1.357	Oversupply
3/3/2019 9:02	0:01	SMRR	0.000	1.454	Oversupply
3/3/2019 9:05	0:01	SMRR	0.000	1.664	Oversupply
3/3/2019 9:15	0:01	KS	0.009	1.553	Oversupply
3/3/2019 9:16	0:01	KS	0.009	1.050	Oversupply
3/3/2019 9:17	0:01	SMRR	0.005	1.939	Oversupply
3/3/2019 9:18	0:01	SMRR	0.005	1.410	Oversupply
3/3/2019 9:18	0:01	SMRR	0.005	1.474	Oversupply
3/3/2019 9:19	0:01	KS	0.009	1.616	Oversupply
3/3/2019 9:20	0:01	KS	0.009	1.489	Oversupply
3/3/2019 9:20	0:01	KS	0.009	1.257	Oversupply
3/3/2019 9:21	0:01	SMRR	0.005	1.998	Oversupply
3/3/2019 9:21	0:01	KS	0.009	1.235	Oversupply
3/3/2019 9:21	0:01	SMRR	0.005	1.638	Oversupply
3/3/2019 9:22	0:01	KS	0.009	1.162	Oversupply
3/3/2019 9:22	0:01	SMRR	0.005	1.479	Oversupply
3/3/2019 9:23	0:01	SMRR	0.005	1.224	Oversupply
3/3/2019 9:23	0:01	KS	0.009	1.373	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/3/2019 9:24	0:01	SMRR	0.005	1.519	Oversupply
3/3/2019 9:24	0:01	KS	0.009	1.245	Oversupply
3/3/2019 9:24	0:01	SMRR	0.005	1.187	Oversupply
3/3/2019 9:25	0:01	KS	0.009	0.435	Oversupply
3/3/2019 9:25	0:01	SMRR	0.005	1.530	Oversupply
3/3/2019 9:26	0:01	KS	0.009	0.422	Oversupply
3/3/2019 9:26	0:01	SMRR	0.005	1.124	Oversupply
3/3/2019 9:26	0:01	KS	0.009	0.239	Oversupply
3/3/2019 9:27	0:01	SMRR	0.005	0.491	Oversupply
3/3/2019 9:27	0:01	KS	0.009	0.193	Oversupply
3/3/2019 9:28	0:01	SMRR	0.005	0.588	Oversupply
3/3/2019 9:28	0:01	KS	0.009	0.299	Oversupply
3/3/2019 9:28	0:01	SMRR	0.005	0.190	Oversupply
3/3/2019 9:29	0:01	KS	0.015	0.591	Oversupply
3/3/2019 9:29	0:01	SMRR	0.011	0.249	Oversupply
3/3/2019 9:30	0:01	SMRR	0.023	0.403	Oversupply
3/3/2019 9:30	0:01	KS	0.024	0.430	Oversupply
3/3/2019 9:31	0:01	SMRR	0.022	0.338	Oversupply
3/3/2019 9:31	0:01	KS	0.024	0.255	Oversupply
3/3/2019 9:31	0:01	SMRR	0.023	0.673	Oversupply
3/3/2019 9:32	0:01	KS	0.024	0.086	Oversupply
3/3/2019 9:32	0:01	SMRR	0.023	0.577	Oversupply
3/3/2019 9:33	0:03	BS250	Data is not available	Data is not available	Oversupply
3/3/2019 9:33	0:03	KS	0.098	0.022	Oversupply
3/3/2019 9:33	0:01	SMRR	0.023	0.225	Oversupply
3/3/2019 9:34	0:03	KWP2	0.047	17.147	Oversupply
3/3/2019 9:34	0:01	SMRR	0.022	0.205	Oversupply
3/3/2019 9:34	0:03	SMRR	0.091	0.039	Oversupply
3/3/2019 9:36	0:01	KS	0.024	0.154	Oversupply
3/3/2019 9:37	0:01	KS	0.024	0.071	Oversupply
3/3/2019 9:37	0:01	SMRR	0.023	0.113	Oversupply
3/3/2019 9:38	0:01	BS250	Data is not available	Data is not available	Oversupply
3/3/2019 9:38	0:01	KWP2	0.002	16.164	Oversupply
3/3/2019 9:38	0:01	KS	0.024	0.012	Oversupply
3/3/2019 9:38	0:01	SMRR	0.023	0.223	Oversupply
3/3/2019 9:39	0:01	KS	0.024	0.147	Oversupply
3/3/2019 9:39	0:02	SMRR	0.046	0.017	Oversupply
3/3/2019 9:39	0:11	KS	0.340	0.045	Oversupply
3/3/2019 9:40	0:11	BS250	Data is not available	Data is not available	Oversupply
3/3/2019 9:40	0:11	KWP2	0.121	16.751	Oversupply
3/3/2019 9:41	0:01	SMRR	0.022	0.234	Oversupply
3/3/2019 9:41	0:11	SMRR	0.379	0.031	Oversupply
3/3/2019 9:51	0:01	KS	0.027	0.310	Oversupply
3/3/2019 9:51	0:31	KS	1.080	0.003	Oversupply
3/3/2019 9:52	0:31	BS250	Data is not available	Data is not available	Oversupply
3/3/2019 9:52	0:32	KWP2	0.998	15.260	Oversupply
3/3/2019 9:53	0:01	SMRR	0.026	0.420	Oversupply
3/3/2019 9:53	0:31	SMRR	1.148	0.007	Oversupply
3/3/2019 10:23	0:01	KS	0.031	0.289	Oversupply
3/3/2019 10:24	0:01	KS	0.031	1.044	Oversupply
3/3/2019 10:24	0:01	KS	0.031	0.631	Oversupply
3/3/2019 10:25	0:01	SMRR	0.028	0.483	Oversupply
3/3/2019 10:25	0:01	KS	0.031	0.590	Oversupply
3/3/2019 10:26	0:01	SMRR	0.028	1.144	Oversupply
3/3/2019 10:26	0:01	KS	0.031	0.282	Oversupply
3/3/2019 10:26	0:01	SMRR	0.028	0.702	Oversupply
3/3/2019 10:27	0:06	BS250	Data is not available	Data is not available	Oversupply
3/3/2019 10:27	0:05	KS	0.197	0.020	Oversupply
3/3/2019 10:27	0:01	SMRR	0.028	0.409	Oversupply
3/3/2019 10:28	0:01	SMRR	0.028	0.405	Oversupply
3/3/2019 10:29	0:04	KWP2	0.032	10.946	Oversupply
3/3/2019 10:29	0:05	SMRR	0.211	0.124	Oversupply
3/3/2019 10:32	0:01	KS	0.034	0.345	Oversupply
3/3/2019 10:33	0:01	KS	0.034	0.372	Oversupply
3/3/2019 10:34	0:01	KS	0.034	0.296	Oversupply
3/3/2019 10:34	0:01	SMRR	0.031	0.111	Oversupply
3/3/2019 10:35	3:47	BS250	Data is not available	Data is not available	Oversupply
3/3/2019 10:35	0:01	SMRR	0.031	0.632	Oversupply
3/3/2019 10:35	0:06	KS	0.240	0.040	Oversupply
3/3/2019 10:36	0:01	SMRR	0.030	0.305	Oversupply
3/3/2019 10:36	3:47	KWP2	47.020	17.571	Oversupply
3/3/2019 10:36	0:06	SMRR	0.247	0.219	Oversupply
3/3/2019 10:41	3:41	KS	7.133	0.006	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/3/2019 10:42	3:41	SMRR	10.412	0.087	Oversupply
3/3/2019 12:20	0:02	5A	Data is not available	Data is not available	Oversupply
3/3/2019 12:20	0:02	BS	Data is not available	Data is not available	Oversupply
3/3/2019 12:20	0:01	AWE	0.002	0.100	Oversupply
3/3/2019 12:24	0:02	5A	Data is not available	Data is not available	Oversupply
3/3/2019 12:24	0:02	BS	Data is not available	Data is not available	Oversupply
3/3/2019 12:24	0:01	KWP	0.001	8.360	Oversupply
3/3/2019 12:26	0:01	KWP	0.002	6.989	Oversupply
3/3/2019 12:27	0:02	5A	Data is not available	Data is not available	Oversupply
3/3/2019 12:27	0:02	BS	Data is not available	Data is not available	Oversupply
3/3/2019 12:27	0:01	AWE	0.008	0.500	Oversupply
3/3/2019 12:30	0:05	5A	Data is not available	Data is not available	Oversupply
3/3/2019 12:30	0:05	BS	Data is not available	Data is not available	Oversupply
3/3/2019 12:30	0:03	AWE	0.005	0.100	Oversupply
3/3/2019 12:34	0:08	AWE	0.024	0.300	Oversupply
3/3/2019 12:35	0:01	KWP	0.001	6.620	Oversupply
3/3/2019 12:36	0:02	5A	Data is not available	Data is not available	Oversupply
3/3/2019 12:36	0:02	BS	Data is not available	Data is not available	Oversupply
3/3/2019 12:38	0:02	KWP	0.003	7.358	Oversupply
3/3/2019 12:39	0:03	5A	Data is not available	Data is not available	Oversupply
3/3/2019 12:39	0:03	BS	Data is not available	Data is not available	Oversupply
3/3/2019 12:41	0:01	KWP	0.001	7.200	Oversupply
3/3/2019 12:44	0:03	AWE	0.006	0.200	Oversupply
3/3/2019 12:45	0:05	5A	Data is not available	Data is not available	Oversupply
3/3/2019 12:45	0:05	BS	Data is not available	Data is not available	Oversupply
3/3/2019 12:45	0:01	KWP	0.002	7.727	Oversupply
3/3/2019 12:48	0:01	KWP	0.002	8.097	Oversupply
3/3/2019 12:48	0:07	AWE	0.024	0.300	Oversupply
3/3/2019 12:51	0:08	5A	Data is not available	Data is not available	Oversupply
3/3/2019 12:51	0:08	BS	Data is not available	Data is not available	Oversupply
3/3/2019 12:56	0:01	KWP	0.002	6.884	Oversupply
3/3/2019 12:59	0:01	AWE	0.001	0.100	Oversupply
3/3/2019 12:59	0:01	KWP	0.001	5.248	Oversupply
3/3/2019 13:01	0:01	5A	Data is not available	Data is not available	Oversupply
3/3/2019 13:03	0:01	5A	Data is not available	Data is not available	Oversupply
3/3/2019 13:04	0:01	KWP	0.002	7.411	Oversupply
3/3/2019 13:06	0:02	5A	Data is not available	Data is not available	Oversupply
3/3/2019 13:06	0:02	BS	Data is not available	Data is not available	Oversupply
3/3/2019 13:07	0:02	AWE	0.005	0.200	Oversupply
3/3/2019 13:11	0:02	5A	Data is not available	Data is not available	Oversupply
3/3/2019 13:11	0:02	BS	Data is not available	Data is not available	Oversupply
3/3/2019 13:12	0:01	KWP	0.003	10.418	Oversupply
3/3/2019 13:12	0:02	AWE	0.007	0.700	Oversupply
3/3/2019 13:15	0:03	AWE	0.018	0.500	Oversupply
3/3/2019 13:16	0:01	5A	Data is not available	Data is not available	Oversupply
3/3/2019 13:20	0:03	5A	Data is not available	Data is not available	Oversupply
3/3/2019 13:20	0:03	BS	Data is not available	Data is not available	Oversupply
3/3/2019 13:20	0:04	AWE	0.032	0.800	Oversupply
3/3/2019 13:22	0:02	KWP	0.002	8.941	Oversupply
3/3/2019 13:25	0:01	5A	Data is not available	Data is not available	Oversupply
3/3/2019 13:25	0:02	AWE	0.005	0.400	Oversupply
3/3/2019 13:28	0:02	5A	Data is not available	Data is not available	Oversupply
3/3/2019 13:28	0:02	BS	Data is not available	Data is not available	Oversupply
3/3/2019 13:28	0:11	AWE	0.090	1.100	Oversupply
3/3/2019 13:31	0:02	5A	Data is not available	Data is not available	Oversupply
3/3/2019 13:31	0:02	BS	Data is not available	Data is not available	Oversupply
3/3/2019 13:35	0:01	5A	Data is not available	Data is not available	Oversupply
3/3/2019 13:37	0:01	5A	Data is not available	Data is not available	Oversupply
3/3/2019 13:38	0:01	KWP	0.001	9.679	Oversupply
3/3/2019 13:41	0:05	5A	Data is not available	Data is not available	Oversupply
3/3/2019 13:41	0:05	BS	Data is not available	Data is not available	Oversupply
3/3/2019 13:41	0:07	AWE	0.070	0.800	Oversupply
3/3/2019 13:44	0:01	KWP	0.001	11.947	Oversupply
3/3/2019 13:50	0:02	5A	Data is not available	Data is not available	Oversupply
3/3/2019 13:50	0:02	BS	Data is not available	Data is not available	Oversupply
3/3/2019 13:50	0:04	AWE	0.048	1.400	Oversupply
3/3/2019 13:57	0:03	AWE	0.045	2.900	Oversupply
3/3/2019 14:04	0:01	AWE	0.002	2.600	Oversupply
3/3/2019 14:07	0:05	AWE	0.066	2.900	Oversupply
3/3/2019 14:10	0:01	5A	Data is not available	Data is not available	Oversupply
3/3/2019 14:10	0:01	KWP	0.001	13.371	Oversupply
3/3/2019 14:16	0:02	AWE	0.024	1.900	Oversupply
3/3/2019 14:22	0:01	KS	0.020	0.695	Oversupply



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3/3/2019 14:23	0:46	BS250	Data is not available	Data is not available	Oversupply
3/3/2019 14:23	0:47	KS	1.764	0.012	Oversupply
3/3/2019 14:24	0:46	KWP2	6.156	18.221	Oversupply
3/3/2019 14:24	0:01	SMRR	0.036	0.294	Oversupply
3/3/2019 14:25	0:46	SMRR	1.882	0.007	Oversupply
3/3/2019 14:26	0:02	AWE	0.013	2.900	Oversupply
3/3/2019 14:45	0:01	AWE	0.003	0.200	Oversupply
3/3/2019 15:09	0:01	KS	0.037	0.966	Oversupply
3/3/2019 15:10	0:01	KS	0.037	1.362	Oversupply
3/3/2019 15:10	0:01	SMRR	0.032	0.081	Oversupply
3/3/2019 15:11	0:17	KS	0.754	0.030	Oversupply
3/3/2019 15:11	0:01	SMRR	0.032	0.484	Oversupply
3/3/2019 15:12	0:17	BS250	Data is not available	Data is not available	Oversupply
3/3/2019 15:12	0:17	KWP2	0.739	19.087	Oversupply
3/3/2019 15:12	0:01	SMRR	0.032	0.894	Oversupply
3/3/2019 15:13	0:01	SMRR	0.032	0.099	Oversupply
3/3/2019 15:13	0:17	SMRR	0.613	0.016	Oversupply
3/3/2019 15:28	0:01	KS	0.038	0.001	Oversupply
3/3/2019 15:29	0:01	KS	0.021	0.142	Oversupply
3/3/2019 15:30	0:01	KS	0.001	1.084	Oversupply
3/3/2019 15:30	0:01	SMRR	0.004	0.101	Oversupply
3/3/2019 15:31	0:01	KS	0.001	2.437	Oversupply
3/3/2019 15:31	0:01	SMRR	0.004	0.183	Oversupply
3/3/2019 15:32	0:01	KS	0.001	2.245	Oversupply
3/3/2019 15:32	0:01	SMRR	0.004	0.928	Oversupply
3/3/2019 15:33	0:01	SMRR	0.004	1.608	Oversupply
3/3/2019 15:33	0:01	SMRR	0.004	1.956	Oversupply
3/3/2019 15:34	0:01	SMRR	0.004	2.258	Oversupply
3/4/2019 0:08	0:05	KWP2	0.070	20.643	Oversupply
3/4/2019 0:14	0:10	KWP2	0.168	20.666	Oversupply
3/4/2019 0:27	0:02	KWP2	0.004	20.552	Oversupply
3/4/2019 0:35	3:40	KWP2	17.591	20.697	Oversupply
3/4/2019 4:24	0:01	KWP2	0.002	20.339	Oversupply
3/4/2019 8:14	0:01	KS	0.000	0.621	Oversupply
3/4/2019 9:13	0:01	KS	0.000	1.545	Oversupply
3/4/2019 9:14	0:01	KS	0.006	1.547	Oversupply
3/4/2019 9:14	0:01	SMRR	0.007	1.912	Oversupply
3/4/2019 9:15	0:01	KS	0.018	0.788	Oversupply
3/4/2019 9:16	0:09	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 9:16	0:01	KWP2	0.004	20.275	Oversupply
3/4/2019 9:16	0:01	SMRR	0.018	1.732	Oversupply
3/4/2019 9:16	0:09	KS	0.197	0.024	Oversupply
3/4/2019 9:16	0:01	SMRR	0.019	0.673	Oversupply
3/4/2019 9:17	0:01	SMRR	0.018	0.029	Oversupply
3/4/2019 9:18	0:08	KWP2	0.252	20.586	Oversupply
3/4/2019 9:18	0:01	SMRR	0.018	0.029	Oversupply
3/4/2019 9:19	0:08	SMRR	0.179	0.017	Oversupply
3/4/2019 9:25	0:01	KS	0.018	0.431	Oversupply
3/4/2019 9:26	0:01	KS	0.018	1.674	Oversupply
3/4/2019 9:26	0:01	SMRR	0.018	0.000	Oversupply
3/4/2019 9:27	0:01	KS	0.018	1.557	Oversupply
3/4/2019 9:27	0:01	SMRR	0.018	0.376	Oversupply
3/4/2019 9:28	0:01	KS	0.018	1.004	Oversupply
3/4/2019 9:28	0:01	SMRR	0.018	0.616	Oversupply
3/4/2019 9:29	0:01	SMRR	0.018	0.709	Oversupply
3/4/2019 9:29	0:01	KS	0.018	0.977	Oversupply
3/4/2019 9:29	0:01	SMRR	0.017	0.730	Oversupply
3/4/2019 9:30	0:01	KS	0.022	1.004	Oversupply
3/4/2019 9:30	0:01	SMRR	0.021	0.774	Oversupply
3/4/2019 9:30	0:01	KS	0.022	1.020	Oversupply
3/4/2019 9:31	0:01	SMRR	0.021	0.949	Oversupply
3/4/2019 9:31	0:01	KS	0.022	0.725	Oversupply
3/4/2019 9:32	0:01	SMRR	0.020	0.980	Oversupply
3/4/2019 9:32	0:03	KS	0.087	0.020	Oversupply
3/4/2019 9:33	0:03	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 9:33	0:01	SMRR	0.021	1.121	Oversupply
3/4/2019 9:33	0:03	KWP2	0.054	20.560	Oversupply
3/4/2019 9:33	0:01	SMRR	0.021	1.665	Oversupply
3/4/2019 9:34	0:03	SMRR	0.082	0.341	Oversupply
3/4/2019 9:36	0:01	KS	0.022	0.195	Oversupply
3/4/2019 9:37	0:01	KS	0.022	0.656	Oversupply
3/4/2019 9:37	0:01	SMRR	0.021	0.178	Oversupply
3/4/2019 9:37	0:01	KS	0.022	0.663	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/4/2019 9:38	0:01	SMRR	0.021	0.360	Oversupply
3/4/2019 9:38	2:07	KS	5.216	0.552	Oversupply
3/4/2019 9:39	2:07	KWP	29.181	20.644	Oversupply
3/4/2019 9:39	0:01	SMRR	0.021	0.766	Oversupply
3/4/2019 9:39	0:01	SMRR	0.020	0.758	Oversupply
3/4/2019 9:40	2:05	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 9:40	2:07	SMRR	5.243	0.347	Oversupply
3/4/2019 10:46	0:09	AWE	0.110	3.800	Oversupply
3/4/2019 10:57	0:13	AWE	0.307	4.200	Oversupply
3/4/2019 11:00	0:01	5A	Data is not available	Data is not available	Oversupply
3/4/2019 11:01	0:01	KWP	0.002	19.912	Oversupply
3/4/2019 11:02	0:05	5A	Data is not available	Data is not available	Oversupply
3/4/2019 11:03	0:05	BS	Data is not available	Data is not available	Oversupply
3/4/2019 11:08	0:02	5A	Data is not available	Data is not available	Oversupply
3/4/2019 11:09	0:02	BS	Data is not available	Data is not available	Oversupply
3/4/2019 11:11	0:04	AWE	0.063	2.100	Oversupply
3/4/2019 11:16	0:01	AWE	0.015	1.900	Oversupply
3/4/2019 11:20	0:01	AWE	0.014	2.900	Oversupply
3/4/2019 11:22	0:03	AWE	0.044	3.300	Oversupply
3/4/2019 11:27	0:04	AWE	0.056	3.300	Oversupply
3/4/2019 11:31	0:01	5A	Data is not available	Data is not available	Oversupply
3/4/2019 11:32	0:02	AWE	0.024	2.300	Oversupply
3/4/2019 11:45	0:01	KS	0.034	0.837	Oversupply
3/4/2019 11:46	0:01	KS	0.033	1.811	Oversupply
3/4/2019 11:47	0:38	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 11:47	0:01	SMRR	0.034	0.011	Oversupply
3/4/2019 11:47	0:39	KS	1.721	1.248	Oversupply
3/4/2019 11:48	0:38	KWP	11.143	20.692	Oversupply
3/4/2019 11:48	0:01	SMRR	0.034	0.541	Oversupply
3/4/2019 11:48	0:01	SMRR	0.034	1.155	Oversupply
3/4/2019 11:49	0:38	SMRR	1.683	1.316	Oversupply
3/4/2019 12:00	0:02	AWE	0.036	3.500	Oversupply
3/4/2019 12:03	0:01	5A	Data is not available	Data is not available	Oversupply
3/4/2019 12:04	0:02	AWE	0.034	2.100	Oversupply
3/4/2019 12:06	0:02	5A	Data is not available	Data is not available	Oversupply
3/4/2019 12:07	0:03	AWE	0.044	2.500	Oversupply
3/4/2019 12:11	0:01	AWE	0.005	1.700	Oversupply
3/4/2019 12:14	0:02	AWE	0.022	2.700	Oversupply
3/4/2019 12:21	0:01	AWE	0.008	3.700	Oversupply
3/4/2019 12:26	0:01	KS	0.039	2.156	Oversupply
3/4/2019 12:27	0:18	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 12:27	0:01	KS	0.038	0.734	Oversupply
3/4/2019 12:27	0:01	SMRR	0.029	0.242	Oversupply
3/4/2019 12:27	0:18	KS	0.860	0.024	Oversupply
3/4/2019 12:28	0:18	KWP	5.838	20.655	Oversupply
3/4/2019 12:28	0:01	SMRR	0.030	0.327	Oversupply
3/4/2019 12:29	0:18	SMRR	0.862	0.316	Oversupply
3/4/2019 12:30	0:01	AWE	0.012	4.100	Oversupply
3/4/2019 12:32	0:01	AWE	0.007	3.300	Oversupply
3/4/2019 12:36	0:02	AWE	0.047	7.100	Oversupply
3/4/2019 12:40	0:02	AWE	0.037	6.900	Oversupply
3/4/2019 12:46	0:55	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 12:46	0:01	KS	0.041	0.510	Oversupply
3/4/2019 12:46	0:55	KS	2.568	0.010	Oversupply
3/4/2019 12:47	0:01	SMRR	0.036	0.116	Oversupply
3/4/2019 12:48	0:54	KWP	17.960	20.702	Oversupply
3/4/2019 12:48	0:01	SMRR	0.036	0.188	Oversupply
3/4/2019 12:49	0:54	SMRR	2.569	0.020	Oversupply
3/4/2019 12:52	0:19	AWE	0.913	14.300	Oversupply
3/4/2019 13:13	0:18	AWE	0.764	8.600	Oversupply
3/4/2019 13:19	0:03	5A	Data is not available	Data is not available	Oversupply
3/4/2019 13:21	0:01	KWP	0.001	25.240	Oversupply
3/4/2019 13:24	0:01	5A	Data is not available	Data is not available	Oversupply
3/4/2019 13:25	0:01	BS	Data is not available	Data is not available	Oversupply
3/4/2019 13:34	0:03	AWE	0.052	5.900	Oversupply
3/4/2019 13:42	0:14	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 13:42	0:01	KS	0.038	0.900	Oversupply
3/4/2019 13:43	0:14	KS	0.570	0.021	Oversupply
3/4/2019 13:43	0:01	SMRR	0.035	0.003	Oversupply
3/4/2019 13:44	0:13	KWP	4.043	20.624	Oversupply
3/4/2019 13:44	0:01	SMRR	0.036	0.194	Oversupply
3/4/2019 13:45	0:05	AWE	0.118	7.500	Oversupply
3/4/2019 13:45	0:14	SMRR	0.579	0.306	Oversupply



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3/4/2019 13:52	0:01	AWE	0.015	8.900	Oversupply
3/4/2019 13:58	0:01	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 13:58	0:02	KS	0.070	2.268	Oversupply
3/4/2019 13:59	0:45	KWP11	8.432	20.698	Oversupply
3/4/2019 14:00	0:01	SMRR	0.026	1.672	Oversupply
3/4/2019 14:01	0:27	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 14:01	0:01	SMRR	0.026	1.218	Oversupply
3/4/2019 14:01	0:01	SMRR	0.026	0.075	Oversupply
3/4/2019 14:01	0:34	KS	1.412	1.749	Oversupply
3/4/2019 14:02	0:01	SMRR	0.026	0.069	Oversupply
3/4/2019 14:03	0:34	SMRR	1.320	0.011	Oversupply
3/4/2019 14:05	0:04	AWE	0.122	7.400	Oversupply
3/4/2019 14:29	0:05	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 14:35	0:01	KS	0.027	1.200	Oversupply
3/4/2019 14:36	0:07	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 14:36	0:07	KS	0.215	0.623	Oversupply
3/4/2019 14:36	0:02	SMRR	0.060	0.052	Oversupply
3/4/2019 14:38	0:07	SMRR	0.270	0.269	Oversupply
3/4/2019 14:43	0:01	KS	0.027	0.164	Oversupply
3/4/2019 14:44	0:12	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 14:44	0:01	KS	0.026	0.247	Oversupply
3/4/2019 14:45	0:12	KS	0.306	0.005	Oversupply
3/4/2019 14:45	0:01	SMRR	0.023	0.084	Oversupply
3/4/2019 14:46	0:01	SMRR	0.023	0.205	Oversupply
3/4/2019 14:46	0:01	SMRR	0.023	0.327	Oversupply
3/4/2019 14:47	0:11	KWP11	0.517	20.690	Oversupply
3/4/2019 14:47	0:01	SMRR	0.023	0.049	Oversupply
3/4/2019 14:48	0:11	SMRR	0.324	0.011	Oversupply
3/4/2019 14:57	0:01	KS	0.021	0.966	Oversupply
3/4/2019 14:58	0:01	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 14:58	0:01	KS	0.022	0.223	Oversupply
3/4/2019 14:58	0:06	KS	0.129	0.015	Oversupply
3/4/2019 14:59	0:07	KWP11	0.089	20.559	Oversupply
3/4/2019 14:59	0:01	SMRR	0.023	0.127	Oversupply
3/4/2019 14:59	0:01	SMRR	0.022	0.276	Oversupply
3/4/2019 15:00	0:04	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 15:00	0:01	SMRR	0.025	0.067	Oversupply
3/4/2019 15:01	0:01	SMRR	0.024	-0.002	Oversupply
3/4/2019 15:02	0:01	SMRR	0.025	0.252	Oversupply
3/4/2019 15:02	0:05	SMRR	0.148	0.005	Oversupply
3/4/2019 15:05	0:01	KS	0.017	0.006	Oversupply
3/4/2019 15:05	0:01	KS	0.017	0.502	Oversupply
3/4/2019 15:06	0:01	KS	0.017	0.780	Oversupply
3/4/2019 15:07	0:01	SMRR	0.025	0.096	Oversupply
3/4/2019 15:07	0:01	KS	0.017	0.648	Oversupply
3/4/2019 15:08	0:01	SMRR	0.025	0.495	Oversupply
3/4/2019 15:08	0:01	KS	0.017	0.224	Oversupply
3/4/2019 15:09	0:01	SMRR	0.024	0.803	Oversupply
3/4/2019 15:09	0:01	KS	0.017	0.483	Oversupply
3/4/2019 15:09	0:01	SMRR	0.025	0.913	Oversupply
3/4/2019 15:10	0:05	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 15:10	0:05	KS	0.102	0.183	Oversupply
3/4/2019 15:10	0:01	SMRR	0.025	0.581	Oversupply
3/4/2019 15:11	0:05	KWP11	0.076	20.680	Oversupply
3/4/2019 15:11	0:01	SMRR	0.025	0.454	Oversupply
3/4/2019 15:12	0:01	SMRR	0.024	0.246	Oversupply
3/4/2019 15:12	0:05	SMRR	0.136	0.014	Oversupply
3/4/2019 15:15	0:01	KS	0.011	0.071	Oversupply
3/4/2019 15:16	0:01	KS	0.011	0.671	Oversupply
3/4/2019 15:17	0:01	SMRR	0.021	0.055	Oversupply
3/4/2019 15:18	0:01	SMRR	0.021	0.531	Oversupply
3/4/2019 15:18	0:01	KS	0.011	1.318	Oversupply
3/4/2019 15:18	0:01	SMRR	0.020	0.808	Oversupply
3/4/2019 15:19	0:06	BS250	Data is not available	Data is not available	Oversupply
3/4/2019 15:19	0:01	KS	0.011	0.425	Oversupply
3/4/2019 15:20	0:01	SMRR	0.021	1.065	Oversupply
3/4/2019 15:20	0:06	KS	0.079	0.023	Oversupply
3/4/2019 15:21	0:06	KWP11	0.258	20.699	Oversupply
3/4/2019 15:21	0:01	SMRR	0.021	1.399	Oversupply
3/4/2019 15:22	0:06	SMRR	0.166	0.627	Oversupply
3/4/2019 15:26	0:01	KS	0.011	0.187	Oversupply
3/4/2019 15:27	0:01	KS	0.011	0.514	Oversupply
3/4/2019 15:28	0:01	BS250	Data is not available	Data is not available	Oversupply



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3/4/2019 15:28	0:01	SMRR	0.020	0.019	Oversupply
3/4/2019 15:28	0:01	KS	0.011	0.638	Oversupply
3/4/2019 15:28	0:01	SMRR	0.021	0.591	Oversupply
3/4/2019 15:29	0:01	KS	0.011	0.030	Oversupply
3/4/2019 15:29	0:01	SMRR	0.016	0.886	Oversupply
3/4/2019 15:29	0:01	KS	0.009	0.426	Oversupply
3/4/2019 15:30	0:01	SMRR	0.011	1.145	Oversupply
3/4/2019 15:31	0:01	SMRR	0.010	0.042	Oversupply
3/4/2019 15:31	0:01	KS	0.004	0.382	Oversupply
3/4/2019 15:31	0:01	SMRR	0.010	0.526	Oversupply
3/4/2019 15:32	0:01	KS	0.004	0.011	Oversupply
3/4/2019 15:32	0:01	SMRR	0.010	1.266	Oversupply
3/4/2019 15:33	0:01	KWPPII	0.001	20.472	Oversupply
3/4/2019 15:33	0:01	KS	0.004	0.327	Oversupply
3/4/2019 15:33	0:01	SMRR	0.010	1.200	Oversupply
3/4/2019 15:34	0:01	SMRR	0.010	0.524	Oversupply
3/4/2019 15:34	0:01	KS	0.004	0.208	Oversupply
3/4/2019 15:34	0:01	SMRR	0.010	0.157	Oversupply
3/4/2019 15:35	0:01	KS	0.004	0.468	Oversupply
3/4/2019 15:35	0:01	SMRR	0.010	0.372	Oversupply
3/4/2019 15:36	0:01	KS	0.004	0.411	Oversupply
3/4/2019 15:36	0:01	SMRR	0.010	0.796	Oversupply
3/4/2019 15:36	0:01	KS	0.004	0.017	Oversupply
3/4/2019 15:37	0:01	SMRR	0.010	1.173	Oversupply
3/4/2019 15:37	0:01	KS	0.004	0.168	Oversupply
3/4/2019 15:38	0:01	SMRR	0.010	1.119	Oversupply
3/4/2019 15:38	0:01	SMRR	0.010	0.376	Oversupply
3/4/2019 15:39	0:01	SMRR	0.010	0.221	Oversupply
3/4/2019 15:57	0:01	SMRR	-0.002	1.459	Oversupply
3/4/2019 23:54	5:20	KWPPII	45.836	20.708	Oversupply
3/5/2019 5:15	0:01	KWPPII	0.004	20.696	Oversupply
3/5/2019 5:18	0:08	KWPPII	0.090	20.708	Oversupply
3/5/2019 5:27	0:12	KWPPII	0.159	20.700	Oversupply
3/5/2019 9:00	0:01	KS	0.000	1.050	Oversupply
3/5/2019 9:02	0:01	SMRR	-0.002	1.952	Oversupply
3/5/2019 9:22	0:01	KS	0.002	1.115	Oversupply
3/5/2019 9:23	0:01	SMRR	0.001	0.911	Oversupply
3/5/2019 9:23	0:01	KS	0.002	0.169	Oversupply
3/5/2019 9:24	0:01	SMRR	0.001	0.883	Oversupply
3/5/2019 9:24	0:01	KS	0.002	0.278	Oversupply
3/5/2019 9:24	0:01	SMRR	0.001	0.517	Oversupply
3/5/2019 9:25	0:01	KS	0.002	1.265	Oversupply
3/5/2019 9:25	0:01	SMRR	0.001	0.003	Oversupply
3/5/2019 9:26	0:01	SMRR	0.001	0.412	Oversupply
3/5/2019 9:27	0:01	SMRR	0.001	0.678	Oversupply
3/5/2019 9:31	0:01	KS	0.014	1.744	Oversupply
3/5/2019 9:32	0:01	KS	0.014	1.210	Oversupply
3/5/2019 9:33	0:01	KS	0.014	1.680	Oversupply
3/5/2019 9:33	0:01	SMRR	0.012	1.277	Oversupply
3/5/2019 9:33	0:01	KS	0.014	0.252	Oversupply
3/5/2019 9:34	0:01	BS250	Data is not available	Data is not available	Oversupply
3/5/2019 9:34	0:01	SMRR	0.012	0.961	Oversupply
3/5/2019 9:34	0:01	KS	0.014	0.044	Oversupply
3/5/2019 9:34	0:01	SMRR	0.012	0.923	Oversupply
3/5/2019 9:35	0:01	KWPPII	0.004	20.708	Oversupply
3/5/2019 9:35	0:01	SMRR	0.012	0.129	Oversupply
3/5/2019 9:35	0:01	KS	0.014	0.019	Oversupply
3/5/2019 9:36	0:03	BS250	Data is not available	Data is not available	Oversupply
3/5/2019 9:36	0:01	SMRR	0.013	0.026	Oversupply
3/5/2019 9:36	0:01	KS	0.014	0.761	Oversupply
3/5/2019 9:37	0:01	SMRR	0.012	0.004	Oversupply
3/5/2019 9:37	0:03	KS	0.042	0.016	Oversupply
3/5/2019 9:37	0:01	SMRR	0.012	0.311	Oversupply
3/5/2019 9:38	0:03	KWPPII	0.055	20.708	Oversupply
3/5/2019 9:38	0:01	SMRR	0.012	0.315	Oversupply
3/5/2019 9:39	0:03	SMRR	0.050	0.009	Oversupply
3/5/2019 9:39	0:01	KS	0.014	0.036	Oversupply
3/5/2019 9:40	0:02	BS250	Data is not available	Data is not available	Oversupply
3/5/2019 9:40	0:02	KS	0.028	0.405	Oversupply
3/5/2019 9:42	0:01	KWPPII	0.015	20.705	Oversupply
3/5/2019 9:42	0:01	SMRR	0.012	0.411	Oversupply
3/5/2019 9:42	0:01	KS	0.014	0.067	Oversupply
3/5/2019 9:43	0:02	SMRR	0.024	0.097	Oversupply



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3/5/2019 9:43	0:01	KS	0.014	0.374	Oversupply
3/5/2019 9:44	0:01	KS	0.015	0.572	Oversupply
3/5/2019 9:44	0:01	SMRR	0.017	0.180	Oversupply
3/5/2019 9:45	1:04	BS250	Data is not available	Data is not available	Oversupply
3/5/2019 9:45	0:01	KS	0.021	0.747	Oversupply
3/5/2019 9:45	0:01	SMRR	0.020	0.624	Oversupply
3/5/2019 9:46	4:25	KWP	86.356	20.708	Oversupply
3/5/2019 9:46	4:25	KS	11.614	0.453	Oversupply
3/5/2019 9:46	0:01	SMRR	0.020	0.665	Oversupply
3/5/2019 9:47	0:01	SMRR	0.020	0.662	Oversupply
3/5/2019 9:47	4:24	SMRR	10.082	0.017	Oversupply
3/5/2019 10:04	0:02	AWE	0.054	19.300	Oversupply
3/5/2019 10:07	0:01	AWE	0.009	18.100	Oversupply
3/5/2019 10:10	0:02	AWE	0.042	17.900	Oversupply
3/5/2019 10:14	0:02	AWE	0.031	17.400	Oversupply
3/5/2019 10:17	0:11	AWE	0.322	19.400	Oversupply
3/5/2019 10:39	3:04	AWE	28.735	20.200	Oversupply
3/5/2019 11:02	0:02	KWP	0.003	21.442	Oversupply
3/5/2019 11:10	2:59	BS250	Data is not available	Data is not available	Oversupply
3/5/2019 11:31	0:01	5A	Data is not available	Data is not available	Oversupply
3/5/2019 11:33	0:04	5A	Data is not available	Data is not available	Oversupply
3/5/2019 11:34	0:04	BS	Data is not available	Data is not available	Oversupply
3/5/2019 11:34	0:03	KWP	0.004	21.705	Oversupply
3/5/2019 11:39	0:02	5A	Data is not available	Data is not available	Oversupply
3/5/2019 11:41	0:01	KWP	0.003	22.075	Oversupply
3/5/2019 11:43	0:03	5A	Data is not available	Data is not available	Oversupply
3/5/2019 11:48	0:03	5A	Data is not available	Data is not available	Oversupply
3/5/2019 11:52	0:01	5A	Data is not available	Data is not available	Oversupply
3/5/2019 11:52	0:01	KWP	0.001	22.497	Oversupply
3/5/2019 11:53	0:01	BS	Data is not available	Data is not available	Oversupply
3/5/2019 11:54	0:01	5A	Data is not available	Data is not available	Oversupply
3/5/2019 11:58	0:05	5A	Data is not available	Data is not available	Oversupply
3/5/2019 11:59	0:05	BS	Data is not available	Data is not available	Oversupply
3/5/2019 12:06	0:06	5A	Data is not available	Data is not available	Oversupply
3/5/2019 12:07	0:06	BS	Data is not available	Data is not available	Oversupply
3/5/2019 12:13	0:09	5A	Data is not available	Data is not available	Oversupply
3/5/2019 12:14	0:09	BS	Data is not available	Data is not available	Oversupply
3/5/2019 12:16	0:01	KWP	0.001	18.963	Oversupply
3/5/2019 12:23	0:01	KWP	0.002	11.736	Oversupply
3/5/2019 12:25	0:01	5A	Data is not available	Data is not available	Oversupply
3/5/2019 12:27	0:02	5A	Data is not available	Data is not available	Oversupply
3/5/2019 12:27	0:01	KWP	0.003	13.793	Oversupply
3/5/2019 12:28	0:02	BS	Data is not available	Data is not available	Oversupply
3/5/2019 12:29	0:01	KWP	0.002	13.213	Oversupply
3/5/2019 12:30	0:02	5A	Data is not available	Data is not available	Oversupply
3/5/2019 12:31	0:02	BS	Data is not available	Data is not available	Oversupply
3/5/2019 12:33	0:02	5A	Data is not available	Data is not available	Oversupply
3/5/2019 12:34	0:02	BS	Data is not available	Data is not available	Oversupply
3/5/2019 12:36	0:02	5A	Data is not available	Data is not available	Oversupply
3/5/2019 12:36	0:01	KWP	0.002	12.105	Oversupply
3/5/2019 12:37	0:02	BS	Data is not available	Data is not available	Oversupply
3/5/2019 12:42	0:02	5A	Data is not available	Data is not available	Oversupply
3/5/2019 12:44	0:01	KWP	0.006	18.277	Oversupply
3/5/2019 12:45	0:01	5A	Data is not available	Data is not available	Oversupply
3/5/2019 12:46	0:01	BS	Data is not available	Data is not available	Oversupply
3/5/2019 13:01	0:01	5A	Data is not available	Data is not available	Oversupply
3/5/2019 13:18	0:05	5A	Data is not available	Data is not available	Oversupply
3/5/2019 13:19	0:05	BS	Data is not available	Data is not available	Oversupply
3/5/2019 13:23	0:01	KWP	0.001	22.919	Oversupply
3/5/2019 13:47	0:03	AWE	0.046	10.700	Oversupply
3/5/2019 13:53	0:09	AWE	0.502	12.600	Oversupply
3/5/2019 14:03	0:03	AWE	0.049	9.800	Oversupply
3/5/2019 14:10	0:01	KS	0.039	0.428	Oversupply
3/5/2019 14:11	0:09	BS250	Data is not available	Data is not available	Oversupply
3/5/2019 14:11	0:01	KS	0.037	1.335	Oversupply
3/5/2019 14:12	0:01	SMRR	0.021	0.037	Oversupply
3/5/2019 14:12	0:09	KS	0.337	0.564	Oversupply
3/5/2019 14:12	0:01	SMRR	0.021	0.258	Oversupply
3/5/2019 14:13	1:25	KWP	15.131	20.707	Oversupply
3/5/2019 14:13	0:01	SMRR	0.020	0.688	Oversupply
3/5/2019 14:14	0:08	SMRR	0.150	0.239	Oversupply
3/5/2019 14:21	1:15	BS250	Data is not available	Data is not available	Oversupply
3/5/2019 14:21	0:01	KS	0.030	0.167	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/5/2019 14:21	1:17	KS	2.182	0.601	Oversupply
3/5/2019 14:22	0:01	SMRR	0.013	0.047	Oversupply
3/5/2019 14:23	1:16	SMRR	1.743	0.019	Oversupply
3/5/2019 15:37	0:01	BS250	Data is not available	Data is not available	Oversupply
3/5/2019 15:38	0:01	KS	0.006	0.110	Oversupply
3/5/2019 15:39	0:01	SMRR	0.020	0.079	Oversupply
3/5/2019 15:39	0:01	SMRR	0.020	0.080	Oversupply
3/5/2019 15:40	0:01	SMRR	0.020	0.111	Oversupply
3/5/2019 15:41	0:01	SMRR	0.020	0.646	Oversupply
3/5/2019 15:42	0:01	SMRR	0.020	1.084	Oversupply
3/5/2019 15:43	0:01	SMRR	0.020	1.231	Oversupply
3/5/2019 16:55	0:01	KS	0.004	1.847	Oversupply
3/5/2019 16:56	0:19	BS250	Data is not available	Data is not available	Oversupply
3/5/2019 16:56	0:01	KS	0.004	1.061	Oversupply
3/5/2019 16:57	0:20	KS	0.310	0.027	Oversupply
3/5/2019 16:57	0:01	SMRR	0.000	0.386	Oversupply
3/5/2019 16:58	0:19	KWPPII	0.922	20.708	Oversupply
3/5/2019 16:58	0:01	SMRR	0.000	0.406	Oversupply
3/5/2019 16:59	0:19	SMRR	0.145	0.429	Oversupply
3/5/2019 17:18	0:01	SMRR	0.002	0.003	Oversupply
3/5/2019 23:40	6:19	KWPPII	66.477	20.708	Oversupply
3/6/2019 7:41	0:01	AWE	0.002	0.100	Oversupply
3/6/2019 8:57	0:01	KS	0.000	0.684	Oversupply
3/6/2019 8:58	0:01	KS	0.000	0.091	Oversupply
3/6/2019 8:59	0:01	KWPPII	0.001	20.708	Oversupply
3/6/2019 8:59	0:01	SMRR	0.000	0.701	Oversupply
3/6/2019 8:59	0:01	KS	0.000	0.618	Oversupply
3/6/2019 9:00	0:01	SMRR	0.004	0.266	Oversupply
3/6/2019 9:00	0:01	KS	0.002	0.630	Oversupply
3/6/2019 9:00	0:01	SMRR	0.004	0.181	Oversupply
3/6/2019 9:01	0:01	KS	0.002	0.529	Oversupply
3/6/2019 9:01	0:01	SMRR	0.004	0.632	Oversupply
3/6/2019 9:02	0:03	BS250	Data is not available	Data is not available	Oversupply
3/6/2019 9:02	0:01	KS	0.002	0.475	Oversupply
3/6/2019 9:02	0:01	SMRR	0.004	0.627	Oversupply
3/6/2019 9:03	0:03	KS	0.009	0.012	Oversupply
3/6/2019 9:03	0:01	SMRR	0.004	0.694	Oversupply
3/6/2019 9:04	0:03	KWPPII	0.030	20.708	Oversupply
3/6/2019 9:04	0:01	SMRR	0.004	0.928	Oversupply
3/6/2019 9:04	0:03	SMRR	0.017	0.046	Oversupply
3/6/2019 9:07	0:01	SMRR	0.004	0.081	Oversupply
3/6/2019 10:51	0:01	KS	0.003	1.539	Oversupply
3/6/2019 10:52	0:01	KS	0.003	1.221	Oversupply
3/6/2019 10:54	0:01	SMRR	-0.001	1.213	Oversupply
3/6/2019 10:54	0:01	SMRR	-0.001	1.328	Oversupply
3/6/2019 10:57	0:14	BS250	Data is not available	Data is not available	Oversupply
3/6/2019 10:57	0:01	KS	0.003	0.903	Oversupply
3/6/2019 10:57	0:01	SMRR	-0.001	1.541	Oversupply
3/6/2019 10:57	0:14	KS	0.323	0.200	Oversupply
3/6/2019 10:58	0:01	SMRR	-0.001	1.181	Oversupply
3/6/2019 10:59	0:13	KWPPII	0.476	20.708	Oversupply
3/6/2019 10:59	0:01	SMRR	0.003	0.614	Oversupply
3/6/2019 11:00	0:14	SMRR	0.373	0.008	Oversupply
3/6/2019 11:11	0:01	KS	0.023	0.094	Oversupply
3/6/2019 11:12	0:01	KS	0.023	0.277	Oversupply
3/6/2019 11:13	0:01	KS	0.023	0.546	Oversupply
3/6/2019 11:13	0:01	SMRR	0.021	0.267	Oversupply
3/6/2019 11:14	0:01	KS	0.024	0.615	Oversupply
3/6/2019 11:14	0:01	SMRR	0.020	0.259	Oversupply
3/6/2019 11:15	0:01	KS	0.025	0.706	Oversupply
3/6/2019 11:15	0:01	SMRR	0.018	0.568	Oversupply
3/6/2019 11:16	0:21	BS250	Data is not available	Data is not available	Oversupply
3/6/2019 11:16	0:01	KS	0.025	0.469	Oversupply
3/6/2019 11:16	0:01	SMRR	0.019	0.559	Oversupply
3/6/2019 11:16	0:22	KS	0.627	0.015	Oversupply
3/6/2019 11:16	0:01	SMRR	0.018	0.414	Oversupply
3/6/2019 11:17	0:15	KWPPII	0.299	20.708	Oversupply
3/6/2019 11:17	0:01	SMRR	0.018	0.602	Oversupply
3/6/2019 11:18	0:01	SMRR	0.018	0.200	Oversupply
3/6/2019 11:19	0:14	SMRR	0.354	0.010	Oversupply
3/6/2019 11:33	0:02	KWPPII	0.035	20.708	Oversupply
3/6/2019 11:33	0:01	SMRR	0.020	0.086	Oversupply
3/6/2019 11:34	0:06	SMRR	0.164	0.010	Oversupply



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3/6/2019 11:36	0:03	KWP2	0.022	20.708	Oversupply
3/6/2019 11:38	0:01	KS	0.026	0.276	Oversupply
3/6/2019 11:39	0:48	BS250	Data is not available	Data is not available	Oversupply
3/6/2019 11:39	0:01	KS	0.026	0.260	Oversupply
3/6/2019 11:40	0:48	KWP2	9.630	20.708	Oversupply
3/6/2019 11:40	0:47	KS	1.537	0.008	Oversupply
3/6/2019 11:40	0:01	SMRR	0.020	0.249	Oversupply
3/6/2019 11:41	0:01	SMRR	0.020	0.208	Oversupply
3/6/2019 11:42	0:49	SMRR	1.575	0.006	Oversupply
3/6/2019 12:17	0:07	AWE	0.181	10.300	Oversupply
3/6/2019 12:26	0:01	AWE	0.004	3.300	Oversupply
3/6/2019 12:27	0:01	KS	0.028	0.001	Oversupply
3/6/2019 12:28	0:28	KS	0.751	0.001	Oversupply
3/6/2019 12:29	0:27	BS250	Data is not available	Data is not available	Oversupply
3/6/2019 12:29	0:03	AWE	0.029	4.100	Oversupply
3/6/2019 12:30	0:27	KWP2	6.526	19.211	Oversupply
3/6/2019 12:31	0:01	SMRR	0.029	0.084	Oversupply
3/6/2019 12:31	0:27	SMRR	0.878	0.006	Oversupply
3/6/2019 12:48	0:05	AWE	0.179	19.700	Oversupply
3/6/2019 12:57	0:01	KS	0.019	0.553	Oversupply
3/6/2019 12:57	0:01	KS	0.019	1.064	Oversupply
3/6/2019 12:58	2:14	BS250	Data is not available	Data is not available	Oversupply
3/6/2019 12:58	0:01	SMRR	0.021	0.069	Oversupply
3/6/2019 12:58	0:31	KS	0.912	0.558	Oversupply
3/6/2019 12:59	0:31	KWP2	9.020	20.708	Oversupply
3/6/2019 12:59	0:01	SMRR	0.021	0.567	Oversupply
3/6/2019 13:00	0:01	SMRR	0.019	1.019	Oversupply
3/6/2019 13:00	0:31	SMRR	0.770	0.607	Oversupply
3/6/2019 13:14	0:12	AWE	0.901	18.800	Oversupply
3/6/2019 13:29	0:01	KS	0.026	0.344	Oversupply
3/6/2019 13:30	1:43	KS	3.128	0.007	Oversupply
3/6/2019 13:31	1:43	KWP2	33.556	20.708	Oversupply
3/6/2019 13:31	0:01	SMRR	0.016	0.022	Oversupply
3/6/2019 13:32	1:43	SMRR	2.636	0.152	Oversupply
3/6/2019 13:45	0:53	AWE	3.681	21.000	Oversupply
3/6/2019 14:40	0:26	AWE	1.622	20.700	Oversupply
3/6/2019 15:13	0:01	KS	0.018	0.283	Oversupply
3/6/2019 15:14	1:00	BS250	Data is not available	Data is not available	Oversupply
3/6/2019 15:14	0:01	KS	0.018	0.856	Oversupply
3/6/2019 15:15	0:59	KS	0.899	0.528	Oversupply
3/6/2019 15:15	0:01	SMRR	0.016	0.213	Oversupply
3/6/2019 15:16	0:59	KWP2	8.709	20.708	Oversupply
3/6/2019 15:16	0:01	SMRR	0.016	0.883	Oversupply
3/6/2019 15:16	0:01	SMRR	0.016	0.596	Oversupply
3/6/2019 15:17	0:59	SMRR	1.116	0.009	Oversupply
3/6/2019 16:14	0:01	KS	0.005	0.128	Oversupply
3/6/2019 16:15	0:01	KS	0.004	0.473	Oversupply
3/6/2019 16:16	0:01	KS	0.004	0.456	Oversupply
3/6/2019 16:16	0:01	SMRR	0.005	0.019	Oversupply
3/6/2019 16:17	0:01	SMRR	0.006	0.459	Oversupply
3/6/2019 16:17	0:01	KS	0.004	0.488	Oversupply
3/6/2019 16:18	0:01	SMRR	0.006	0.285	Oversupply
3/6/2019 16:18	0:01	KS	0.004	0.716	Oversupply
3/6/2019 16:18	0:01	SMRR	0.006	0.599	Oversupply
3/6/2019 16:19	0:01	KS	0.004	0.675	Oversupply
3/6/2019 16:19	0:01	KS	0.004	0.759	Oversupply
3/6/2019 16:20	0:01	SMRR	0.006	0.510	Oversupply
3/6/2019 16:20	0:01	KS	0.004	0.802	Oversupply
3/6/2019 16:21	0:01	SMRR	0.006	0.694	Oversupply
3/6/2019 16:21	0:01	KS	0.004	0.466	Oversupply
3/6/2019 16:21	0:01	SMRR	0.006	0.693	Oversupply
3/6/2019 16:22	0:01	SMRR	0.005	0.924	Oversupply
3/6/2019 16:23	0:01	SMRR	0.006	0.792	Oversupply
3/6/2019 16:23	0:01	KS	0.004	0.673	Oversupply
3/6/2019 16:24	0:01	SMRR	0.006	0.831	Oversupply
3/6/2019 16:24	0:01	KS	0.004	0.305	Oversupply
3/6/2019 16:25	0:01	KS	0.004	0.358	Oversupply
3/6/2019 16:25	0:01	SMRR	0.006	0.805	Oversupply
3/6/2019 16:26	0:01	KS	0.004	0.245	Oversupply
3/6/2019 16:26	0:01	SMRR	0.005	0.524	Oversupply
3/6/2019 16:26	0:01	KS	0.004	0.407	Oversupply
3/6/2019 16:27	0:01	SMRR	0.006	0.153	Oversupply
3/6/2019 16:27	0:01	KS	0.004	0.200	Oversupply



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3/6/2019 16:27	0:01	SMRR	0.006	0.195	Oversupply
3/6/2019 16:28	0:01	SMRR	0.006	0.426	Oversupply
3/6/2019 16:29	0:01	SMRR	0.005	0.193	Oversupply
3/6/2019 16:30	0:01	SMRR	-0.001	0.661	Oversupply
3/6/2019 22:51	0:11	AWE	0.422	12.700	Oversupply
3/6/2019 23:28	0:25	KWP	1.890	20.708	Oversupply
3/7/2019 0:04	1:56	KWP	14.764	20.708	Oversupply
3/7/2019 1:40	0:04	AWE	0.082	15.700	Oversupply
3/7/2019 1:52	0:01	AWE	0.000	11.600	Oversupply
3/7/2019 1:54	0:02	AWE	0.005	10.800	Oversupply
3/7/2019 2:02	2:41	KWP	28.520	19.211	Oversupply
3/7/2019 9:09	0:01	SMRR	0.000	1.775	Oversupply
3/7/2019 9:10	0:01	SMRR	0.000	1.166	Oversupply
3/7/2019 9:11	0:01	SMRR	0.000	0.688	Oversupply
3/7/2019 9:11	0:01	SMRR	0.000	1.006	Oversupply
3/7/2019 9:12	0:01	SMRR	0.000	1.331	Oversupply
3/7/2019 9:13	0:01	SMRR	0.000	1.240	Oversupply
3/7/2019 9:15	0:01	SMRR	0.016	1.773	Oversupply
3/7/2019 9:15	0:01	SMRR	0.016	1.659	Oversupply
3/7/2019 9:16	0:01	SMRR	0.016	1.226	Oversupply
3/7/2019 9:17	0:01	SMRR	0.016	0.726	Oversupply
3/7/2019 9:18	0:01	SMRR	0.016	0.989	Oversupply
3/7/2019 9:18	0:01	SMRR	0.016	1.269	Oversupply
3/7/2019 9:19	4:23	BS250	Data is not available	Data is not available	Oversupply
3/7/2019 9:19	0:01	SMRR	0.016	1.093	Oversupply
3/7/2019 9:20	0:01	SMRR	0.016	0.544	Oversupply
3/7/2019 9:21	4:23	KS	11.276	0.000	Oversupply
3/7/2019 9:21	0:01	SMRR	0.016	0.873	Oversupply
3/7/2019 9:21	0:01	SMRR	0.016	0.443	Oversupply
3/7/2019 9:22	4:23	SMRR	8.701	0.303	Oversupply
3/7/2019 9:23	4:21	KWP	78.984	20.708	Oversupply
3/7/2019 9:51	0:03	AWE	0.031	17.100	Oversupply
3/7/2019 10:00	0:04	AWE	0.169	12.000	Oversupply
3/7/2019 10:08	2:59	AWE	29.468	18.400	Oversupply
3/7/2019 10:54	0:02	5A	Data is not available	Data is not available	Oversupply
3/7/2019 10:58	0:01	KWP	0.001	20.070	Oversupply
3/7/2019 11:02	0:04	5A	Data is not available	Data is not available	Oversupply
3/7/2019 11:07	0:01	5A	Data is not available	Data is not available	Oversupply
3/7/2019 11:07	0:01	KWP	0.001	20.070	Oversupply
3/7/2019 11:09	0:01	BS	Data is not available	Data is not available	Oversupply
3/7/2019 13:08	0:07	AWE	0.181	17.500	Oversupply
3/7/2019 13:16	0:17	AWE	1.297	18.900	Oversupply
3/7/2019 13:35	0:02	AWE	0.012	17.800	Oversupply
3/7/2019 13:43	1:17	BS250	Data is not available	Data is not available	Oversupply
3/7/2019 13:44	0:02	KS	0.081	0.000	Oversupply
3/7/2019 13:45	1:16	KS	3.166	0.000	Oversupply
3/7/2019 13:46	1:16	KWP	14.494	20.708	Oversupply
3/7/2019 13:46	0:01	SMRR	0.012	0.534	Oversupply
3/7/2019 13:46	0:01	SMRR	0.012	0.311	Oversupply
3/7/2019 13:47	1:16	SMRR	1.903	0.002	Oversupply
3/7/2019 15:01	1:30	BS250	Data is not available	Data is not available	Oversupply
3/7/2019 15:01	0:01	KS	0.017	0.100	Oversupply
3/7/2019 15:02	0:01	KS	0.017	0.361	Oversupply
3/7/2019 15:03	1:31	KS	2.333	0.009	Oversupply
3/7/2019 15:04	1:30	KWP	8.721	20.708	Oversupply
3/7/2019 15:04	0:01	SMRR	0.011	0.186	Oversupply
3/7/2019 15:04	0:01	SMRR	0.011	0.197	Oversupply
3/7/2019 15:05	1:30	SMRR	2.029	0.007	Oversupply
3/7/2019 16:34	0:01	KS	0.011	0.953	Oversupply
3/7/2019 16:35	0:01	KS	0.011	0.934	Oversupply
3/7/2019 16:35	0:01	SMRR	0.012	0.185	Oversupply
3/7/2019 16:35	0:01	KS	0.011	1.848	Oversupply
3/7/2019 16:36	0:01	SMRR	0.013	0.583	Oversupply
3/7/2019 16:36	0:01	KS	0.011	2.081	Oversupply
3/7/2019 16:37	0:01	SMRR	0.013	0.561	Oversupply
3/7/2019 16:37	0:01	KS	0.011	1.984	Oversupply
3/7/2019 16:38	0:01	SMRR	0.013	0.837	Oversupply
3/7/2019 16:38	0:01	SMRR	0.012	0.800	Oversupply
3/7/2019 16:39	0:01	SMRR	0.013	0.713	Oversupply
3/7/2019 23:41	0:05	AWE	0.089	14.200	Oversupply
3/8/2019 0:21	0:21	KWP	1.026	20.708	Oversupply
3/8/2019 2:34	0:03	KWP	0.026	19.211	Oversupply
3/8/2019 3:14	0:38	KWP	8.826	19.211	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/8/2019 3:33	0:04	AWE	0.041	19.100	Oversupply
3/8/2019 3:38	0:04	AWE	0.015	19.000	Oversupply
3/8/2019 3:44	0:01	AWE	0.000	18.700	Oversupply
3/8/2019 3:46	0:01	AWE	0.001	18.900	Oversupply
3/8/2019 3:53	0:14	KWP	1.661	17.714	Oversupply
3/8/2019 5:44	0:01	AWE	0.002	0.100	Oversupply
3/8/2019 5:50	0:01	AWE	0.002	0.100	Oversupply
3/8/2019 9:36	0:01	AWE	0.010	0.600	Oversupply
3/8/2019 9:37	0:01	KS	0.000	1.967	Oversupply
3/8/2019 9:45	0:01	KS	0.027	2.092	Oversupply
3/8/2019 9:46	6:28	KS	16.357	1.445	Oversupply
3/8/2019 9:46	0:01	SMRR	0.021	2.288	Oversupply
3/8/2019 9:47	6:26	BS250	Data is not available	Data is not available	Oversupply
3/8/2019 9:47	0:01	SMRR	0.020	2.306	Oversupply
3/8/2019 9:48	6:27	KWP	114.269	20.708	Oversupply
3/8/2019 9:48	0:01	SMRR	0.023	1.921	Oversupply
3/8/2019 9:49	6:28	SMRR	13.464	0.604	Oversupply
3/8/2019 9:58	0:02	AWE	0.022	14.000	Oversupply
3/8/2019 10:07	0:01	AWE	0.001	11.200	Oversupply
3/8/2019 10:10	0:11	AWE	0.707	19.200	Oversupply
3/8/2019 10:23	3:56	AWE	43.537	21.000	Oversupply
3/8/2019 12:35	0:01	5A	Data is not available	Data is not available	Oversupply
3/8/2019 12:38	0:01	5A	Data is not available	Data is not available	Oversupply
3/8/2019 12:38	0:01	KWP	0.001	18.171	Oversupply
3/8/2019 14:22	0:23	AWE	0.963	21.000	Oversupply
3/8/2019 14:50	0:06	AWE	0.103	20.500	Oversupply
3/8/2019 15:02	0:10	AWE	0.241	20.200	Oversupply
3/8/2019 16:14	0:01	KS	-0.004	0.168	Oversupply
3/8/2019 16:15	0:01	KS	0.005	0.739	Oversupply
3/8/2019 16:16	0:01	KS	0.005	0.724	Oversupply
3/8/2019 16:16	0:01	SMRR	0.008	0.172	Oversupply
3/8/2019 16:17	0:01	KS	0.005	0.753	Oversupply
3/8/2019 16:17	0:01	SMRR	0.008	0.648	Oversupply
3/8/2019 16:18	0:01	KS	0.005	2.052	Oversupply
3/8/2019 16:18	0:01	SMRR	0.008	0.454	Oversupply
3/8/2019 16:19	0:01	SMRR	0.008	0.281	Oversupply
3/8/2019 16:19	0:01	KS	0.005	1.666	Oversupply
3/8/2019 16:19	0:01	SMRR	0.008	1.035	Oversupply
3/8/2019 16:20	0:01	KS	0.005	2.525	Oversupply
3/8/2019 16:20	0:01	SMRR	0.008	1.402	Oversupply
3/8/2019 16:21	0:01	KS	0.005	2.087	Oversupply
3/8/2019 16:21	0:01	SMRR	0.008	1.505	Oversupply
3/8/2019 16:21	0:01	KS	0.005	2.440	Oversupply
3/8/2019 16:22	0:01	SMRR	0.008	1.518	Oversupply
3/8/2019 16:23	0:01	SMRR	0.008	1.607	Oversupply
3/8/2019 16:23	0:01	SMRR	0.008	1.873	Oversupply
3/8/2019 16:29	0:04	BS250	Data is not available	Data is not available	Oversupply
3/8/2019 16:29	0:01	KS	0.016	2.484	Oversupply
3/8/2019 16:30	0:01	KS	0.019	1.036	Oversupply
3/8/2019 16:31	0:04	KS	0.093	0.028	Oversupply
3/8/2019 16:31	0:01	SMRR	0.012	1.777	Oversupply
3/8/2019 16:32	0:04	KWP	0.055	20.708	Oversupply
3/8/2019 16:32	0:01	SMRR	0.012	0.661	Oversupply
3/8/2019 16:32	0:05	SMRR	0.074	0.031	Oversupply
3/8/2019 16:35	0:01	KS	0.019	-0.003	Oversupply
3/8/2019 16:36	0:01	KS	0.019	-0.003	Oversupply
3/8/2019 16:37	0:01	KS	0.019	0.153	Oversupply
3/8/2019 16:37	0:01	SMRR	0.012	0.097	Oversupply
3/8/2019 16:38	0:01	KS	0.019	0.530	Oversupply
3/8/2019 16:38	0:01	SMRR	0.012	0.246	Oversupply
3/8/2019 16:39	0:01	SMRR	0.012	0.006	Oversupply
3/8/2019 16:39	0:01	KS	0.018	0.408	Oversupply
3/8/2019 16:39	0:01	SMRR	0.013	0.111	Oversupply
3/8/2019 16:39	0:01	KS	0.019	0.645	Oversupply
3/8/2019 16:40	0:01	SMRR	0.012	0.144	Oversupply
3/8/2019 16:40	0:01	KS	0.019	1.424	Oversupply
3/8/2019 16:41	0:01	SMRR	0.012	0.330	Oversupply
3/8/2019 16:42	0:01	SMRR	0.012	0.576	Oversupply
3/8/2019 16:42	0:01	SMRR	0.012	1.162	Oversupply
3/9/2019 1:52	3:40	KWP	20.116	20.708	Oversupply
3/9/2019 7:01	0:01	AWE	0.002	0.100	Oversupply
3/9/2019 7:15	0:07	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 7:16	0:08	KS	0.008	0.100	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/9/2019 7:17	0:08	KWP	0.141	20.708	Oversupply
3/9/2019 7:18	0:08	SMRR	0.017	0.067	Oversupply
3/9/2019 7:24	0:01	KS	0.001	0.104	Oversupply
3/9/2019 7:26	0:01	SMRR	0.002	0.136	Oversupply
3/9/2019 7:31	0:14	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 7:32	0:15	KS	0.041	0.007	Oversupply
3/9/2019 7:34	0:13	KWP	0.618	20.708	Oversupply
3/9/2019 7:34	0:01	SMRR	0.004	0.315	Oversupply
3/9/2019 7:35	0:14	SMRR	0.076	0.037	Oversupply
3/9/2019 7:47	0:01	KS	0.004	0.063	Oversupply
3/9/2019 7:48	0:01	KS	0.004	0.063	Oversupply
3/9/2019 7:48	0:01	SMRR	0.004	-0.001	Oversupply
3/9/2019 7:49	0:01	SMRR	0.004	0.162	Oversupply
3/9/2019 7:50	0:01	SMRR	0.004	0.219	Oversupply
3/9/2019 8:11	5:47	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 8:13	4:10	KS	7.316	0.205	Oversupply
3/9/2019 8:14	5:47	KWP	112.322	20.708	Oversupply
3/9/2019 8:14	0:01	SMRR	0.007	0.749	Oversupply
3/9/2019 8:15	4:12	SMRR	8.458	0.011	Oversupply
3/9/2019 8:34	0:01	AWE	0.004	20.700	Oversupply
3/9/2019 8:36	0:11	AWE	0.192	21.000	Oversupply
3/9/2019 8:48	3:41	AWE	44.753	21.000	Oversupply
3/9/2019 10:43	0:07	5A	Data is not available	Data is not available	Oversupply
3/9/2019 10:45	0:07	BS	Data is not available	Data is not available	Oversupply
3/9/2019 10:46	0:01	KWP	0.002	21.336	Oversupply
3/9/2019 10:51	0:01	KWP	0.001	17.960	Oversupply
3/9/2019 10:52	0:09	5A	Data is not available	Data is not available	Oversupply
3/9/2019 10:54	0:09	BS	Data is not available	Data is not available	Oversupply
3/9/2019 10:55	0:02	KWP	0.004	18.488	Oversupply
3/9/2019 11:00	0:01	KWP	0.001	12.264	Oversupply
3/9/2019 11:02	0:01	5A	Data is not available	Data is not available	Oversupply
3/9/2019 11:02	0:01	KWP	0.002	9.415	Oversupply
3/9/2019 11:04	0:01	BS	Data is not available	Data is not available	Oversupply
3/9/2019 11:05	0:01	5A	Data is not available	Data is not available	Oversupply
3/9/2019 11:10	0:06	5A	Data is not available	Data is not available	Oversupply
3/9/2019 11:12	0:06	BS	Data is not available	Data is not available	Oversupply
3/9/2019 11:14	0:01	KWP	0.002	14.374	Oversupply
3/9/2019 11:17	0:01	5A	Data is not available	Data is not available	Oversupply
3/9/2019 11:19	0:01	BS	Data is not available	Data is not available	Oversupply
3/9/2019 11:22	0:04	5A	Data is not available	Data is not available	Oversupply
3/9/2019 11:27	0:02	5A	Data is not available	Data is not available	Oversupply
3/9/2019 11:29	0:02	BS	Data is not available	Data is not available	Oversupply
3/9/2019 11:29	0:01	KWP	0.001	11.262	Oversupply
3/9/2019 11:30	0:02	5A	Data is not available	Data is not available	Oversupply
3/9/2019 11:31	0:01	KWP	0.001	8.624	Oversupply
3/9/2019 11:32	0:02	BS	Data is not available	Data is not available	Oversupply
3/9/2019 11:33	0:01	5A	Data is not available	Data is not available	Oversupply
3/9/2019 11:34	0:01	KWP	0.001	6.567	Oversupply
3/9/2019 11:38	0:04	5A	Data is not available	Data is not available	Oversupply
3/9/2019 12:07	0:01	5A	Data is not available	Data is not available	Oversupply
3/9/2019 12:19	0:02	5A	Data is not available	Data is not available	Oversupply
3/9/2019 12:22	0:02	5A	Data is not available	Data is not available	Oversupply
3/9/2019 12:23	0:01	KS	0.037	0.196	Oversupply
3/9/2019 12:24	0:02	BS	Data is not available	Data is not available	Oversupply
3/9/2019 12:24	0:01	KS	0.037	0.005	Oversupply
3/9/2019 12:25	0:01	KS	0.037	0.023	Oversupply
3/9/2019 12:26	1:35	KS	3.826	0.874	Oversupply
3/9/2019 12:27	0:01	SMRR	0.033	0.190	Oversupply
3/9/2019 12:28	1:34	SMRR	3.322	0.387	Oversupply
3/9/2019 12:30	0:53	AWE	10.255	21.000	Oversupply
3/9/2019 13:24	0:03	AWE	0.297	21.000	Oversupply
3/9/2019 13:29	0:08	AWE	0.859	21.000	Oversupply
3/9/2019 13:38	0:02	AWE	0.035	20.000	Oversupply
3/9/2019 13:41	0:03	AWE	0.177	21.000	Oversupply
3/9/2019 13:45	0:05	AWE	0.238	21.000	Oversupply
3/9/2019 13:53	0:03	AWE	0.064	21.000	Oversupply
3/9/2019 13:59	0:14	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 14:01	0:14	KS	0.396	0.021	Oversupply
3/9/2019 14:02	0:05	AWE	0.138	21.000	Oversupply
3/9/2019 14:02	0:13	KWP	3.844	20.705	Oversupply
3/9/2019 14:02	0:01	SMRR	0.023	0.066	Oversupply
3/9/2019 14:03	0:14	SMRR	0.411	0.002	Oversupply
3/9/2019 14:08	0:03	AWE	0.141	21.000	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/9/2019 14:15	0:46	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 14:15	0:01	KS		1.498	Oversupply
3/9/2019 14:16	0:01	KS	0.029	2.458	Oversupply
3/9/2019 14:16	0:01	SMRR	0.020	0.123	Oversupply
3/9/2019 14:17	0:46	KWPPII	13.366	20.708	Oversupply
3/9/2019 14:17	0:46	KS	1.465	2.157	Oversupply
3/9/2019 14:17	0:01	SMRR	0.020	0.501	Oversupply
3/9/2019 14:18	0:01	SMRR	0.019	0.572	Oversupply
3/9/2019 14:19	0:46	SMRR	1.371	0.732	Oversupply
3/9/2019 14:25	0:10	AWE	0.672	21.000	Oversupply
3/9/2019 14:42	0:05	AWE	0.149	21.000	Oversupply
3/9/2019 14:51	0:08	AWE	0.348	21.000	Oversupply
3/9/2019 15:03	0:13	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 15:05	0:14	KWPPII	2.764	19.211	Oversupply
3/9/2019 15:05	0:13	KS	0.357	0.448	Oversupply
3/9/2019 15:07	0:13	SMRR	0.314	0.340	Oversupply
3/9/2019 15:10	0:05	AWE	0.161	21.000	Oversupply
3/9/2019 15:19	0:08	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 15:20	0:09	KS	0.192	0.143	Oversupply
3/9/2019 15:22	0:07	KWPPII	0.238	19.211	Oversupply
3/9/2019 15:22	0:01	SMRR	0.014	0.401	Oversupply
3/9/2019 15:23	0:08	SMRR	0.135	0.009	Oversupply
3/9/2019 15:29	0:01	KS	0.016	0.391	Oversupply
3/9/2019 15:31	0:01	SMRR	0.008	0.107	Oversupply
3/9/2019 15:31	0:01	SMRR	0.009	0.311	Oversupply
3/9/2019 15:35	0:02	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 15:35	0:01	KS	0.012	1.147	Oversupply
3/9/2019 15:36	0:03	KS	0.037	1.031	Oversupply
3/9/2019 15:37	0:01	SMRR	0.008	0.885	Oversupply
3/9/2019 15:38	0:01	KWPPII	0.005	19.211	Oversupply
3/9/2019 15:38	0:02	SMRR	0.026	0.060	Oversupply
3/9/2019 15:39	0:01	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 15:39	0:01	KS	0.012	0.342	Oversupply
3/9/2019 15:39	0:01	KS	0.012	0.632	Oversupply
3/9/2019 15:40	0:01	KS	0.012	0.424	Oversupply
3/9/2019 15:40	0:01	SMRR	0.009	0.155	Oversupply
3/9/2019 15:41	0:01	SMRR	0.008	0.373	Oversupply
3/9/2019 15:41	0:01	KS	0.012	0.268	Oversupply
3/9/2019 15:42	0:01	SMRR	0.009	0.366	Oversupply
3/9/2019 15:43	0:01	SMRR	0.009	0.037	Oversupply
3/9/2019 15:43	0:01	SMRR	0.009	0.277	Oversupply
3/9/2019 15:45	0:01	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 15:46	0:01	KS	0.015	0.990	Oversupply
3/9/2019 15:46	0:01	KS	0.015	0.997	Oversupply
3/9/2019 15:47	0:01	KS	0.015	0.432	Oversupply
3/9/2019 15:48	0:10	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 15:48	0:02	SMRR	0.025	0.144	Oversupply
3/9/2019 15:49	0:01	KS	0.015	1.123	Oversupply
3/9/2019 15:50	0:10	KS	0.176	0.113	Oversupply
3/9/2019 15:51	0:01	SMRR	0.012	1.175	Oversupply
3/9/2019 15:52	0:09	KWPPII	0.496	19.211	Oversupply
3/9/2019 15:52	0:10	SMRR	0.142	0.061	Oversupply
3/9/2019 16:00	0:01	KS	0.010	0.430	Oversupply
3/9/2019 16:02	0:01	SMRR	0.006	0.103	Oversupply
3/9/2019 16:03	0:01	SMRR	0.006	0.242	Oversupply
3/9/2019 16:08	0:04	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 16:09	0:01	KS	0.010	0.959	Oversupply
3/9/2019 16:10	0:04	KS	0.052	0.017	Oversupply
3/9/2019 16:10	0:01	SMRR	0.006	1.399	Oversupply
3/9/2019 16:11	0:04	KWPPII	0.047	19.211	Oversupply
3/9/2019 16:11	0:05	SMRR	0.043	0.164	Oversupply
3/9/2019 16:14	0:01	KS	0.008	0.144	Oversupply
3/9/2019 16:16	0:01	SMRR	0.007	0.188	Oversupply
3/9/2019 16:21	0:01	KS	0.005	1.897	Oversupply
3/9/2019 16:23	0:10	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 16:23	0:01	SMRR	0.007	0.739	Oversupply
3/9/2019 16:24	0:01	KS	0.005	1.377	Oversupply
3/9/2019 16:24	0:01	KS	0.005	0.405	Oversupply
3/9/2019 16:25	0:09	KS	0.049	0.029	Oversupply
3/9/2019 16:26	0:01	SMRR	0.007	0.887	Oversupply
3/9/2019 16:26	0:01	SMRR	0.007	0.596	Oversupply
3/9/2019 16:27	0:08	KWPPII	0.290	20.708	Oversupply
3/9/2019 16:27	0:09	SMRR	0.116	0.007	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/9/2019 16:35	0:01	KS	0.004	0.200	Oversupply
3/9/2019 16:36	0:01	SMRR	0.011	0.155	Oversupply
3/9/2019 17:00	0:16	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 17:02	0:01	KS	0.006	0.133	Oversupply
3/9/2019 17:02	0:16	KS	0.096	0.014	Oversupply
3/9/2019 17:03	0:16	KWP	0.995	20.708	Oversupply
3/9/2019 17:03	0:01	SMRR	0.007	0.568	Oversupply
3/9/2019 17:04	0:16	SMRR	0.115	0.008	Oversupply
3/9/2019 17:18	0:01	KS	0.001	0.107	Oversupply
3/9/2019 17:20	0:01	SMRR	0.003	0.031	Oversupply
3/9/2019 17:21	0:01	SMRR	0.003	0.143	Oversupply
3/9/2019 17:32	0:01	KS	0.000	0.257	Oversupply
3/9/2019 23:04	8:36	BS250	Data is not available	Data is not available	Oversupply
3/9/2019 23:07	8:35	KWP	138.788	20.708	Oversupply
3/10/2019 1:03	0:01	AWE	0.001	21.000	Oversupply
3/10/2019 1:05	4:01	AWE	15.478	21.000	Oversupply
3/10/2019 6:41	1:00	SMRR	0.256	0.012	Oversupply
3/10/2019 6:49	0:52	KS	0.128	0.000	Oversupply
3/10/2019 7:41	0:01	SMRR	0.006	0.109	Oversupply
3/10/2019 7:41	0:01	KS	0.003	0.000	Oversupply
3/10/2019 7:42	0:24	BS250	Data is not available	Data is not available	Oversupply
3/10/2019 7:42	0:01	SMRR	0.006	0.268	Oversupply
3/10/2019 7:43	0:01	KS	0.003	0.182	Oversupply
3/10/2019 7:43	0:01	SMRR	0.006	0.164	Oversupply
3/10/2019 7:44	0:01	KS	0.003	0.131	Oversupply
3/10/2019 7:44	0:24	SMRR	0.270	0.003	Oversupply
3/10/2019 7:44	0:23	KS	0.225	0.017	Oversupply
3/10/2019 7:45	0:24	KWP	2.217	20.708	Oversupply
3/10/2019 8:07	0:01	SMRR	0.006	0.070	Oversupply
3/10/2019 8:08	0:01	KS	0.011	-0.002	Oversupply
3/10/2019 8:09	0:01	BS250	Data is not available	Data is not available	Oversupply
3/10/2019 8:09	0:01	KS	0.011	-0.002	Oversupply
3/10/2019 8:09	0:01	SMRR	0.006	0.273	Oversupply
3/10/2019 8:09	0:01	KS	0.011	0.053	Oversupply
3/10/2019 8:10	0:01	SMRR	0.006	0.083	Oversupply
3/10/2019 8:10	0:01	KS	0.011	0.240	Oversupply
3/10/2019 8:11	0:01	KWP	0.001	20.621	Oversupply
3/10/2019 8:11	0:01	SMRR	0.006	0.004	Oversupply
3/10/2019 8:11	0:01	KS	0.011	0.145	Oversupply
3/10/2019 8:11	0:01	SMRR	0.006	0.216	Oversupply
3/10/2019 8:12	0:01	KS	0.011	0.414	Oversupply
3/10/2019 8:13	6:35	BS250	Data is not available	Data is not available	Oversupply
3/10/2019 8:13	0:01	SMRR	0.006	0.389	Oversupply
3/10/2019 8:13	0:01	KS	0.011	0.604	Oversupply
3/10/2019 8:14	0:01	SMRR	0.006	0.010	Oversupply
3/10/2019 8:14	0:01	KS	0.011	0.164	Oversupply
3/10/2019 8:14	6:36	SMRR	14.425	0.011	Oversupply
3/10/2019 8:15	6:36	KWP	121.202	20.708	Oversupply
3/10/2019 8:15	6:36	KS	11.383	0.013	Oversupply
3/10/2019 9:15	4:49	AWE	68.943	21.000	Oversupply
3/10/2019 11:16	0:03	5A	Data is not available	Data is not available	Oversupply
3/10/2019 11:19	0:01	KWP	0.001	21.916	Oversupply
3/10/2019 11:21	0:30	5A	Data is not available	Data is not available	Oversupply
3/10/2019 11:23	0:30	BS	Data is not available	Data is not available	Oversupply
3/10/2019 11:42	0:01	KWP	0.003	19.068	Oversupply
3/10/2019 12:02	0:10	5A	Data is not available	Data is not available	Oversupply
3/10/2019 12:04	0:10	BS	Data is not available	Data is not available	Oversupply
3/10/2019 12:10	0:01	KWP	0.002	15.059	Oversupply
3/10/2019 12:51	0:01	5A	Data is not available	Data is not available	Oversupply
3/10/2019 12:53	0:05	5A	Data is not available	Data is not available	Oversupply
3/10/2019 12:55	0:05	BS	Data is not available	Data is not available	Oversupply
3/10/2019 13:03	0:03	5A	Data is not available	Data is not available	Oversupply
3/10/2019 13:09	0:02	5A	Data is not available	Data is not available	Oversupply
3/10/2019 13:13	0:02	5A	Data is not available	Data is not available	Oversupply
3/10/2019 13:15	0:02	BS	Data is not available	Data is not available	Oversupply
3/10/2019 13:16	0:05	5A	Data is not available	Data is not available	Oversupply
3/10/2019 13:18	0:05	BS	Data is not available	Data is not available	Oversupply
3/10/2019 13:19	0:01	KWP	0.003	22.866	Oversupply
3/10/2019 13:25	0:02	5A	Data is not available	Data is not available	Oversupply
3/10/2019 13:31	0:01	5A	Data is not available	Data is not available	Oversupply
3/10/2019 13:33	0:01	5A	Data is not available	Data is not available	Oversupply
3/10/2019 14:50	0:01	SMRR	0.007	0.210	Oversupply
3/10/2019 14:51	0:01	KS	0.011	0.426	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/10/2019 14:51	0:01	SMRR	0.006	0.427	Oversupply
3/10/2019 14:51	0:01	SMRR	0.007	0.465	Oversupply
3/10/2019 14:51	0:01	KS	0.011	0.465	Oversupply
3/10/2019 14:52	0:01	SMRR	0.007	0.579	Oversupply
3/10/2019 14:52	0:01	KS	0.011	0.561	Oversupply
3/10/2019 14:53	0:01	SMRR	0.007	0.775	Oversupply
3/10/2019 14:53	0:01	KS	0.011	0.703	Oversupply
3/10/2019 14:54	0:01	SMRR	0.006	0.899	Oversupply
3/10/2019 14:54	0:01	KS	0.011	0.874	Oversupply
3/10/2019 14:54	0:01	SMRR	0.007	0.839	Oversupply
3/10/2019 14:55	0:01	KS	0.011	1.200	Oversupply
3/10/2019 14:55	0:01	SMRR	0.007	0.937	Oversupply
3/10/2019 14:56	0:01	KS	0.011	1.049	Oversupply
3/10/2019 14:57	0:01	SMRR	0.007	0.872	Oversupply
3/10/2019 14:58	0:01	KS	0.011	1.052	Oversupply
3/10/2019 15:07	0:01	SMRR	0.001	0.770	Oversupply
3/10/2019 15:08	0:01	KS	0.005	1.693	Oversupply
3/10/2019 15:08	0:01	SMRR	0.001	0.426	Oversupply
3/10/2019 15:09	0:01	KS	0.005	0.892	Oversupply
3/10/2019 15:09	0:01	SMRR	0.001	0.503	Oversupply
3/10/2019 15:10	0:01	KS	0.005	0.654	Oversupply
3/10/2019 15:10	0:01	SMRR	0.001	0.100	Oversupply
3/10/2019 15:10	0:01	KS	0.005	0.153	Oversupply
3/10/2019 15:10	0:01	SMRR	0.001	0.284	Oversupply
3/10/2019 15:11	0:01	SMRR	0.001	0.299	Oversupply
3/10/2019 15:11	0:01	KS	0.005	0.702	Oversupply
3/10/2019 15:12	0:01	SMRR	0.001	0.372	Oversupply
3/10/2019 15:12	0:01	KS	0.005	0.975	Oversupply
3/10/2019 15:15	0:01	KS	0.024	1.557	Oversupply
3/10/2019 15:15	0:01	SMRR	0.008	0.553	Oversupply
3/10/2019 15:16	0:01	KS	0.024	0.777	Oversupply
3/10/2019 15:16	0:01	SMRR	0.008	0.297	Oversupply
3/10/2019 15:16	0:01	KS	0.024	0.275	Oversupply
3/10/2019 15:17	0:05	BS250	Data is not available	Data is not available	Oversupply
3/10/2019 15:17	0:01	SMRR	0.008	0.064	Oversupply
3/10/2019 15:17	0:07	KS	0.195	0.192	Oversupply
3/10/2019 15:17	0:01	SMRR	0.008	0.100	Oversupply
3/10/2019 15:18	0:05	SMRR	0.053	0.016	Oversupply
3/10/2019 15:19	0:06	KWPPII	0.108	20.708	Oversupply
3/10/2019 15:23	0:01	SMRR	0.008	0.095	Oversupply
3/10/2019 15:24	0:01	SMRR	0.008	0.498	Oversupply
3/10/2019 15:24	0:01	KS	0.024	0.193	Oversupply
3/10/2019 15:25	0:18	BS250	Data is not available	Data is not available	Oversupply
3/10/2019 15:25	0:01	SMRR	0.007	0.600	Oversupply
3/10/2019 15:25	0:01	KS	0.024	0.544	Oversupply
3/10/2019 15:26	0:01	SMRR	0.008	0.178	Oversupply
3/10/2019 15:26	0:01	KS	0.024	0.932	Oversupply
3/10/2019 15:26	0:18	SMRR	0.270	0.009	Oversupply
3/10/2019 15:27	0:18	KS	0.516	0.009	Oversupply
3/10/2019 15:28	0:18	KWPPII	0.743	20.708	Oversupply
3/10/2019 15:45	0:01	SMRR	0.002	0.363	Oversupply
3/10/2019 15:45	0:01	KS	0.004	0.308	Oversupply
3/10/2019 15:46	0:01	KS	0.004	0.617	Oversupply
3/10/2019 15:54	0:01	KS	0.004	1.400	Oversupply
3/10/2019 15:54	0:01	SMRR	0.002	0.585	Oversupply
3/10/2019 15:54	0:01	KS	0.004	0.880	Oversupply
3/10/2019 15:55	0:01	SMRR	0.002	0.561	Oversupply
3/10/2019 15:55	0:01	KS	0.004	0.753	Oversupply
3/10/2019 15:56	0:01	SMRR	0.002	0.566	Oversupply
3/10/2019 15:56	0:01	KS	0.004	0.568	Oversupply
3/10/2019 15:56	0:01	SMRR	0.002	0.684	Oversupply
3/10/2019 15:57	0:01	SMRR	0.002	0.492	Oversupply
3/10/2019 15:57	0:01	KS	0.004	0.450	Oversupply
3/10/2019 15:58	0:01	SMRR	0.002	0.286	Oversupply
3/10/2019 15:58	0:01	KS	0.004	0.414	Oversupply
3/10/2019 15:59	0:01	SMRR	0.002	0.225	Oversupply
3/10/2019 15:59	0:01	KS	0.004	0.428	Oversupply
3/10/2019 15:59	0:01	SMRR	0.003	0.245	Oversupply
3/10/2019 16:00	0:01	KS	0.003	0.327	Oversupply
3/10/2019 16:00	0:02	SMRR	0.002	0.377	Oversupply
3/10/2019 16:00	0:01	KS	0.003	0.405	Oversupply
3/10/2019 16:01	0:01	KS	0.003	0.240	Oversupply
3/10/2019 16:02	0:01	SMRR	0.001	0.256	Oversupply



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3/10/2019 16:02	0:01	KS	0.003	0.483	Oversupply
3/10/2019 16:02	0:01	SMRR	0.001	0.580	Oversupply
3/10/2019 16:03	0:01	KS	0.003	0.684	Oversupply
3/10/2019 16:03	0:01	SMRR	0.001	0.920	Oversupply
3/10/2019 16:37	0:01	SMRR	0.000	0.694	Oversupply
3/10/2019 16:38	0:01	SMRR	0.000	0.662	Oversupply
3/10/2019 16:38	0:01	KS	0.002	0.723	Oversupply
3/10/2019 16:38	0:01	SMRR	0.000	0.325	Oversupply
3/10/2019 16:39	0:01	KS	0.002	0.198	Oversupply
3/10/2019 16:39	0:01	KS	0.002	0.592	Oversupply
3/10/2019 16:40	0:01	SMRR	0.000	0.294	Oversupply
3/10/2019 16:40	0:02	KS	0.003	0.254	Oversupply
3/10/2019 16:41	0:01	SMRR	0.000	0.149	Oversupply
3/10/2019 23:00	2:31	KWPPII	26.693	20.708	Oversupply
3/11/2019 1:37	0:24	KWPPII	3.637	19.682	Oversupply
3/11/2019 2:07	0:52	KWPPII	9.386	18.286	Oversupply
3/11/2019 2:44	0:02	AWE	0.026	21.000	Oversupply
3/11/2019 2:47	0:02	AWE	0.005	21.000	Oversupply
3/11/2019 2:51	0:01	AWE	0.010	21.000	Oversupply
3/11/2019 3:00	2:52	KWPPII	26.699	19.118	Oversupply
3/11/2019 3:59	0:01	AWE	0.003	21.000	Oversupply
3/11/2019 4:22	0:02	AWE	0.020	21.000	Oversupply
3/11/2019 4:25	0:01	AWE	0.000	21.000	Oversupply
3/11/2019 4:31	0:13	AWE	0.393	21.000	Oversupply
3/11/2019 4:49	0:01	AWE	0.013	21.000	Oversupply
3/11/2019 4:51	0:01	AWE	0.017	21.000	Oversupply
3/11/2019 4:53	0:01	AWE	0.021	20.900	Oversupply
3/11/2019 4:55	0:02	AWE	0.024	21.000	Oversupply
3/11/2019 4:58	0:01	AWE	0.001	21.000	Oversupply
3/11/2019 5:56	0:01	KWPPII	0.016	18.879	Oversupply
3/11/2019 7:09	0:17	BS250	Data is not available	Data is not available	Oversupply
3/11/2019 7:10	0:01	SMRR	0.001	0.130	Oversupply
3/11/2019 7:11	0:17	SMRR	0.055	0.001	Oversupply
3/11/2019 7:11	0:16	KS	0.033	0.112	Oversupply
3/11/2019 7:12	0:16	KWPPII	0.770	20.454	Oversupply
3/11/2019 7:34	0:01	SMRR	0.004	0.545	Oversupply
3/11/2019 7:35	0:01	KS	0.002	0.122	Oversupply
3/11/2019 7:36	0:38	BS250	Data is not available	Data is not available	Oversupply
3/11/2019 7:36	0:01	SMRR	0.004	0.535	Oversupply
3/11/2019 7:37	0:01	SMRR	0.004	0.376	Oversupply
3/11/2019 7:37	0:37	SMRR	0.319	0.114	Oversupply
3/11/2019 7:38	0:38	KWPPII	2.088	20.007	Oversupply
3/11/2019 7:38	0:01	KS	0.002	0.018	Oversupply
3/11/2019 7:38	0:37	KS	0.161	0.005	Oversupply
3/11/2019 8:52	3:40	BS250	Data is not available	Data is not available	Oversupply
3/11/2019 8:53	0:01	KS	0.008	1.196	Oversupply
3/11/2019 8:53	0:01	SMRR	0.007	1.271	Oversupply
3/11/2019 8:54	0:01	KS	0.008	0.853	Oversupply
3/11/2019 8:54	0:01	SMRR	0.007	0.172	Oversupply
3/11/2019 8:54	0:08	SMRR	0.119	0.021	Oversupply
3/11/2019 8:54	3:39	KS	7.697	0.016	Oversupply
3/11/2019 8:55	0:08	KWPPII	0.409	20.398	Oversupply
3/11/2019 9:02	0:01	SMRR	0.022	0.005	Oversupply
3/11/2019 9:03	0:01	SMRR	0.022	0.004	Oversupply
3/11/2019 9:04	3:30	SMRR	8.453	0.020	Oversupply
3/11/2019 9:05	3:30	KWPPII	41.182	20.148	Oversupply
3/11/2019 11:13	0:01	AWE	0.022	20.600	Oversupply
3/11/2019 11:17	0:01	AWE	0.005	20.200	Oversupply
3/11/2019 11:20	0:01	AWE	0.005	20.500	Oversupply
3/11/2019 11:22	0:03	AWE	0.060	20.600	Oversupply
3/11/2019 11:29	0:01	AWE	0.005	20.700	Oversupply
3/11/2019 11:38	0:02	AWE	0.014	20.600	Oversupply
3/11/2019 11:41	0:01	AWE	0.004	20.600	Oversupply
3/11/2019 12:08	0:03	AWE	0.007	20.500	Oversupply
3/11/2019 12:12	0:19	AWE	1.047	21.000	Oversupply
3/11/2019 12:33	0:21	BS250	Data is not available	Data is not available	Oversupply
3/11/2019 12:34	0:01	SMRR	0.035	0.834	Oversupply
3/11/2019 12:34	0:01	KS	0.027	0.495	Oversupply
3/11/2019 12:34	0:01	SMRR	0.036	0.662	Oversupply
3/11/2019 12:35	0:01	KS	0.027	0.276	Oversupply
3/11/2019 12:35	0:20	SMRR	0.900	0.005	Oversupply
3/11/2019 12:36	0:20	KWPPII	4.536	16.335	Oversupply
3/11/2019 12:36	0:20	KS	0.614	0.006	Oversupply



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3/11/2019 12:40	0:10	AWE	0.273	21.000	Oversupply
3/11/2019 12:55	0:01	SMRR	0.034	0.562	Oversupply
3/11/2019 12:56	2:11	BS250	Data is not available	Data is not available	Oversupply
3/11/2019 12:56	0:01	KS	0.026	0.847	Oversupply
3/11/2019 12:56	0:01	SMRR	0.034	1.700	Oversupply
3/11/2019 12:56	0:01	KS	0.026	1.024	Oversupply
3/11/2019 12:56	0:01	SMRR	0.034	1.553	Oversupply
3/11/2019 12:57	2:11	SMRR	5.443	0.622	Oversupply
3/11/2019 12:57	2:08	KS	5.187	0.367	Oversupply
3/11/2019 12:58	2:16	KWP2	22.257	18.240	Oversupply
3/11/2019 13:08	0:02	AWE	0.015	20.700	Oversupply
3/11/2019 13:40	0:03	AWE	0.046	20.900	Oversupply
3/11/2019 13:47	0:02	AWE	0.018	20.400	Oversupply
3/11/2019 15:05	0:01	KS	0.041	0.001	Oversupply
3/11/2019 15:06	0:04	KS	0.206	0.008	Oversupply
3/11/2019 15:08	0:06	BS250	Data is not available	Data is not available	Oversupply
3/11/2019 15:09	0:01	SMRR	0.013	0.023	Oversupply
3/11/2019 15:09	0:05	SMRR	0.077	0.001	Oversupply
3/11/2019 15:10	0:01	KS	0.041	0.005	Oversupply
3/11/2019 15:11	0:03	KS	0.163	0.003	Oversupply
3/11/2019 15:14	0:01	SMRR	0.011	0.107	Oversupply
3/11/2019 15:15	0:01	KWP2	0.002	15.309	Oversupply
3/11/2019 15:15	0:01	KS	0.028	0.155	Oversupply
3/11/2019 15:15	0:01	SMRR	0.012	0.042	Oversupply
3/11/2019 15:15	0:01	SMRR	0.012	0.405	Oversupply
3/11/2019 15:15	0:01	KS	0.028	0.443	Oversupply
3/11/2019 15:16	0:01	SMRR	0.012	0.699	Oversupply
3/11/2019 15:16	0:01	KS	0.028	0.845	Oversupply
3/11/2019 15:17	0:01	SMRR	0.012	0.682	Oversupply
3/11/2019 15:17	0:01	KS	0.028	1.064	Oversupply
3/11/2019 15:18	0:01	SMRR	0.012	0.472	Oversupply
3/11/2019 15:18	0:01	KS	0.028	0.948	Oversupply
3/11/2019 15:18	0:01	SMRR	0.012	0.394	Oversupply
3/11/2019 15:19	0:01	KS	0.028	0.609	Oversupply
3/11/2019 15:19	0:01	SMRR	0.012	0.624	Oversupply
3/11/2019 15:20	0:01	KS	0.028	0.787	Oversupply
3/11/2019 15:20	0:01	SMRR	0.012	0.912	Oversupply
3/11/2019 15:21	0:01	KS	0.028	1.639	Oversupply
3/11/2019 15:22	0:01	SMRR	0.012	1.883	Oversupply
3/11/2019 15:22	0:01	KS	0.028	2.642	Oversupply
3/11/2019 15:23	0:01	SMRR	0.012	1.285	Oversupply
3/11/2019 15:23	0:01	KS	0.028	1.923	Oversupply
3/11/2019 15:24	0:05	BS250	Data is not available	Data is not available	Oversupply
3/11/2019 15:24	0:01	SMRR	0.012	0.982	Oversupply
3/11/2019 15:24	0:01	KS	0.027	1.118	Oversupply
3/11/2019 15:25	0:01	SMRR	0.012	0.677	Oversupply
3/11/2019 15:25	0:01	KS	0.028	0.659	Oversupply
3/11/2019 15:25	0:05	SMRR	0.068	0.035	Oversupply
3/11/2019 15:26	0:05	KS	0.148	0.035	Oversupply
3/11/2019 15:27	0:04	KWP2	0.050	16.788	Oversupply
3/11/2019 15:30	0:01	SMRR	0.005	0.080	Oversupply
3/11/2019 15:31	0:01	SMRR	0.005	0.434	Oversupply
3/11/2019 15:31	0:01	KS	0.019	-0.002	Oversupply
3/11/2019 15:31	0:01	SMRR	0.005	0.484	Oversupply
3/11/2019 15:32	0:01	KS	0.019	0.076	Oversupply
3/11/2019 15:32	0:01	SMRR	0.005	0.445	Oversupply
3/11/2019 15:33	0:01	KS	0.019	0.303	Oversupply
3/11/2019 15:33	0:01	SMRR	0.005	0.563	Oversupply
3/11/2019 15:34	0:01	KS	0.019	0.832	Oversupply
3/11/2019 15:34	0:01	SMRR	0.005	0.654	Oversupply
3/11/2019 15:35	0:01	SMRR	0.005	1.109	Oversupply
3/11/2019 15:35	0:01	KS	0.019	1.721	Oversupply
3/11/2019 15:35	0:01	SMRR	0.005	0.557	Oversupply
3/11/2019 15:35	0:01	KS	0.019	2.501	Oversupply
3/11/2019 15:36	0:01	SMRR	0.005	1.304	Oversupply
3/11/2019 15:36	0:01	KS	0.019	1.523	Oversupply
3/11/2019 15:37	0:01	SMRR	0.005	1.306	Oversupply
3/11/2019 15:37	0:01	KS	0.019	1.417	Oversupply
3/11/2019 15:38	0:01	SMRR	0.005	1.406	Oversupply
3/11/2019 15:38	0:01	KS	0.019	1.743	Oversupply
3/11/2019 15:38	0:01	SMRR	0.005	0.761	Oversupply
3/11/2019 15:39	0:01	KS	0.019	1.651	Oversupply
3/11/2019 15:39	0:01	SMRR	0.005	1.226	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/11/2019 15:40	0:01	KS	0.018	2.700	Oversupply
3/11/2019 16:06	0:01	SMRR	0.000	1.895	Oversupply
3/11/2019 16:06	0:01	KS	0.002	1.903	Oversupply
3/11/2019 16:07	0:01	SMRR	0.000	1.452	Oversupply
3/11/2019 21:52	0:03	KWPPII	0.082	18.794	Oversupply
3/11/2019 22:02	0:01	KWPPII	0.000	17.498	Oversupply
3/11/2019 22:50	0:01	KWPPII	0.006	15.800	Oversupply
3/11/2019 22:52	0:07	KWPPII	0.166	14.993	Oversupply
3/11/2019 23:40	2:33	KWPPII	25.290	18.730	Oversupply
3/12/2019 1:51	0:03	AWE	0.052	21.000	Oversupply
3/12/2019 1:55	0:02	AWE	0.065	20.600	Oversupply
3/12/2019 2:00	0:01	AWE	0.003	19.900	Oversupply
3/12/2019 2:02	0:02	AWE	0.052	19.200	Oversupply
3/12/2019 2:05	0:01	AWE	0.011	18.800	Oversupply
3/12/2019 2:15	0:27	KWPPII	3.723	16.902	Oversupply
3/12/2019 2:49	0:40	KWPPII	1.808	16.920	Oversupply
3/12/2019 3:30	0:54	KWPPII	4.049	17.682	Oversupply
3/12/2019 4:28	0:40	KWPPII	1.827	17.655	Oversupply
3/12/2019 8:17	0:03	BS250	Data is not available	Data is not available	Oversupply
3/12/2019 8:17	0:01	SMRR	0.004	1.106	Oversupply
3/12/2019 8:17	0:01	KS	0.005	0.194	Oversupply
3/12/2019 8:18	0:01	SMRR	0.004	1.117	Oversupply
3/12/2019 8:18	0:02	KS	0.010	0.401	Oversupply
3/12/2019 8:18	0:01	SMRR	0.004	0.197	Oversupply
3/12/2019 8:19	0:01	SMRR	0.004	0.124	Oversupply
3/12/2019 8:20	0:02	SMRR	0.013	0.015	Oversupply
3/12/2019 8:20	0:02	KS	0.010	0.024	Oversupply
3/12/2019 8:22	0:01	KS	0.005	0.135	Oversupply
3/12/2019 8:24	0:01	SMRR	0.004	0.782	Oversupply
3/12/2019 8:25	0:01	KS	0.005	0.483	Oversupply
3/12/2019 8:25	0:01	SMRR	0.004	0.587	Oversupply
3/12/2019 8:26	0:01	KS	0.005	0.565	Oversupply
3/12/2019 8:33	0:01	SMRR	0.008	1.007	Oversupply
3/12/2019 8:33	0:01	KS	0.007	0.992	Oversupply
3/12/2019 8:34	0:01	SMRR	0.008	0.216	Oversupply
3/12/2019 8:34	0:01	KS	0.007	0.657	Oversupply
3/12/2019 8:34	0:01	SMRR	0.008	0.473	Oversupply
3/12/2019 8:35	0:01	KS	0.007	0.711	Oversupply
3/12/2019 8:35	0:01	SMRR	0.008	0.614	Oversupply
3/12/2019 8:35	0:01	KS	0.007	0.532	Oversupply
3/12/2019 8:36	0:01	SMRR	0.008	0.435	Oversupply
3/12/2019 8:36	0:01	KS	0.007	0.403	Oversupply
3/12/2019 8:37	0:01	SMRR	0.008	0.818	Oversupply
3/12/2019 8:37	0:01	KS	0.007	0.617	Oversupply
3/12/2019 8:38	0:01	KS	0.007	1.032	Oversupply
3/12/2019 8:38	0:01	SMRR	0.008	1.037	Oversupply
3/12/2019 8:39	1:08	BS250	Data is not available	Data is not available	Oversupply
3/12/2019 8:39	0:01	SMRR	0.008	1.204	Oversupply
3/12/2019 8:40	0:01	SMRR	0.008	0.203	Oversupply
3/12/2019 8:40	0:01	KS	0.007	0.485	Oversupply
3/12/2019 8:40	1:08	SMRR	1.882	0.016	Oversupply
3/12/2019 8:41	1:08	KS	1.495	0.050	Oversupply
3/12/2019 8:42	1:08	KWPPII	13.820	19.182	Oversupply
3/12/2019 9:33	0:01	AWE	0.000	17.400	Oversupply
3/12/2019 9:35	0:05	AWE	0.036	18.300	Oversupply
3/12/2019 9:44	0:02	AWE	0.008	19.200	Oversupply
3/12/2019 9:48	0:01	SMRR	0.025	0.063	Oversupply
3/12/2019 9:49	0:01	KS	0.027	0.138	Oversupply
3/12/2019 9:49	0:01	SMRR	0.025	0.561	Oversupply
3/12/2019 9:50	1:44	BS250	Data is not available	Data is not available	Oversupply
3/12/2019 9:50	0:01	KS	0.028	0.854	Oversupply
3/12/2019 9:51	0:01	KS	0.028	0.989	Oversupply
3/12/2019 9:51	2:43	SMRR	6.366	1.001	Oversupply
3/12/2019 9:51	4:11	KS	8.883	1.148	Oversupply
3/12/2019 9:52	3:04	KWPPII	25.077	18.929	Oversupply
3/12/2019 11:35	1:19	BS250	Data is not available	Data is not available	Oversupply
3/12/2019 12:34	0:01	AWE	0.013	14.800	Oversupply
3/12/2019 12:35	0:21	SMRR	0.807	0.006	Oversupply
3/12/2019 12:55	0:38	SMRR	0.287	0.389	Oversupply
3/12/2019 13:03	1:01	KWPPII	6.248	19.081	Oversupply
3/12/2019 13:32	0:28	BS250	Data is not available	Data is not available	Oversupply
3/12/2019 13:34	0:28	SMRR	0.578	0.675	Oversupply
3/12/2019 14:02	0:01	SMRR	0.008	0.070	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/12/2019 14:02	0:01	KS	0.021	-0.003	Oversupply
3/12/2019 14:03	0:01	SMRR	0.008	0.181	Oversupply
3/12/2019 14:03	0:01	KS	0.021	-0.003	Oversupply
3/12/2019 14:03	0:01	SMRR	0.008	0.280	Oversupply
3/12/2019 14:04	0:01	KS	0.021	-0.003	Oversupply
3/12/2019 14:04	0:01	SMRR	0.009	0.300	Oversupply
3/12/2019 14:05	0:04	BS250	Data is not available	Data is not available	Oversupply
3/12/2019 14:05	0:01	SMRR	0.008	0.346	Oversupply
3/12/2019 14:06	0:01	KS	0.021	0.027	Oversupply
3/12/2019 14:06	0:01	SMRR	0.008	0.237	Oversupply
3/12/2019 14:07	0:04	KS	0.104	0.199	Oversupply
3/12/2019 14:07	0:05	KWPPII	0.115	18.652	Oversupply
3/12/2019 14:07	0:04	SMRR	0.042	0.006	Oversupply
3/12/2019 14:10	0:01	SMRR	0.008	0.032	Oversupply
3/12/2019 14:11	0:01	KS	0.021	0.030	Oversupply
3/12/2019 14:12	0:01	KS	0.021	0.468	Oversupply
3/12/2019 14:12	0:01	SMRR	0.008	0.330	Oversupply
3/12/2019 14:13	0:01	KS	0.021	0.485	Oversupply
3/12/2019 14:13	0:01	SMRR	0.008	0.456	Oversupply
3/12/2019 14:13	0:01	KS	0.021	0.480	Oversupply
3/12/2019 14:13	0:01	SMRR	0.008	0.678	Oversupply
3/12/2019 14:14	0:01	SMRR	0.006	0.823	Oversupply
3/12/2019 14:14	0:01	KS	0.018	0.560	Oversupply
3/12/2019 14:15	0:01	KS	0.011	0.675	Oversupply
3/12/2019 14:19	0:03	BS250	Data is not available	Data is not available	Oversupply
3/12/2019 14:19	0:01	KS	0.011	0.869	Oversupply
3/12/2019 14:20	0:01	SMRR	0.007	0.750	Oversupply
3/12/2019 14:20	0:03	SMRR	0.026	0.059	Oversupply
3/12/2019 14:20	0:01	KS	0.012	0.990	Oversupply
3/12/2019 14:21	0:01	KS	0.012	0.035	Oversupply
3/12/2019 14:22	0:01	KWPPII	0.009	17.964	Oversupply
3/12/2019 14:22	0:02	KS	0.023	0.010	Oversupply
3/12/2019 14:23	0:01	SMRR	0.006	0.116	Oversupply
3/12/2019 14:24	0:01	BS250	Data is not available	Data is not available	Oversupply
3/12/2019 14:24	0:04	KWPPII	0.032	18.048	Oversupply
3/12/2019 14:24	0:01	KS	0.012	-0.003	Oversupply
3/12/2019 14:24	0:02	SMRR	0.020	0.014	Oversupply
3/12/2019 14:25	0:03	KS	0.035	-0.003	Oversupply
3/12/2019 14:26	0:01	SMRR	0.006	0.009	Oversupply
3/12/2019 14:27	0:01	SMRR	0.007	0.406	Oversupply
3/12/2019 14:27	0:01	KS	0.011	0.068	Oversupply
3/12/2019 14:31	0:05	BS250	Data is not available	Data is not available	Oversupply
3/12/2019 14:32	0:01	SMRR	0.012	0.871	Oversupply
3/12/2019 14:32	0:01	KS	0.021	1.641	Oversupply
3/12/2019 14:33	0:05	SMRR	0.082	0.025	Oversupply
3/12/2019 14:33	0:05	KS	0.126	0.236	Oversupply
3/12/2019 14:34	0:05	KWPPII	0.078	18.182	Oversupply
3/12/2019 14:38	0:01	SMRR	0.012	0.201	Oversupply
3/12/2019 14:38	0:01	KS	0.021	-0.003	Oversupply
3/12/2019 14:41	0:24	BS250	Data is not available	Data is not available	Oversupply
3/12/2019 14:41	0:01	SMRR	0.012	1.429	Oversupply
3/12/2019 14:41	0:01	KS	0.021	0.612	Oversupply
3/12/2019 14:42	0:01	SMRR	0.012	2.121	Oversupply
3/12/2019 14:42	0:01	KS	0.021	0.884	Oversupply
3/12/2019 14:42	0:01	SMRR	0.011	0.934	Oversupply
3/12/2019 14:43	0:01	KS	0.021	0.470	Oversupply
3/12/2019 14:43	0:21	SMRR	0.836	0.192	Oversupply
3/12/2019 14:44	0:21	KS	0.741	0.027	Oversupply
3/12/2019 14:45	0:20	KWPPII	0.684	18.784	Oversupply
3/12/2019 15:04	0:01	SMRR	0.018	0.126	Oversupply
3/12/2019 15:04	0:01	KS	0.040	0.202	Oversupply
3/12/2019 15:05	0:02	SMRR	0.053	0.014	Oversupply
3/12/2019 15:05	0:01	KS	0.040	0.092	Oversupply
3/12/2019 15:06	0:02	KS	0.080	0.018	Oversupply
3/12/2019 15:07	0:17	BS250	Data is not available	Data is not available	Oversupply
3/12/2019 15:07	0:01	KWPPII	0.002	18.699	Oversupply
3/12/2019 15:07	0:01	SMRR	0.018	0.167	Oversupply
3/12/2019 15:08	0:01	SMRR	0.018	0.453	Oversupply
3/12/2019 15:08	0:01	KS	0.040	0.749	Oversupply
3/12/2019 15:08	0:17	SMRR	0.557	0.058	Oversupply
3/12/2019 15:09	0:01	KS	0.040	0.203	Oversupply
3/12/2019 15:10	0:16	KWPPII	0.725	18.999	Oversupply
3/12/2019 15:10	0:16	KS	0.670	0.012	Oversupply



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3/12/2019 15:25	0:01	SMRR	0.030	0.520	Oversupply
3/12/2019 15:26	0:01	KS	0.033	0.795	Oversupply
3/12/2019 15:26	0:01	SMRR	0.030	0.844	Oversupply
3/12/2019 15:27	0:02	BS250	Data is not available	Data is not available	Oversupply
3/12/2019 15:27	0:01	SMRR	0.029	0.438	Oversupply
3/12/2019 15:27	0:01	KS	0.033	0.278	Oversupply
3/12/2019 15:27	0:01	SMRR	0.029	0.522	Oversupply
3/12/2019 15:28	0:01	KS	0.033	0.277	Oversupply
3/12/2019 15:28	0:02	SMRR	0.054	0.018	Oversupply
3/12/2019 15:29	0:02	KWP2	0.027	17.975	Oversupply
3/12/2019 15:29	0:03	KS	0.061	0.018	Oversupply
3/12/2019 15:30	0:01	SMRR	0.010	0.043	Oversupply
3/12/2019 15:31	0:01	SMRR	0.010	0.314	Oversupply
3/12/2019 15:31	0:01	KS	0.008	-0.003	Oversupply
3/12/2019 15:31	0:01	SMRR	0.010	0.711	Oversupply
3/12/2019 15:42	0:01	SMRR	0.010	2.207	Oversupply
3/12/2019 15:43	0:01	SMRR	0.010	1.793	Oversupply
3/12/2019 15:43	0:01	KS	0.008	2.043	Oversupply
3/12/2019 15:44	0:01	SMRR	0.010	1.608	Oversupply
3/12/2019 15:44	0:01	KS	0.013	2.051	Oversupply
3/12/2019 15:44	0:01	SMRR	0.022	1.253	Oversupply
3/12/2019 15:45	0:16	BS250	Data is not available	Data is not available	Oversupply
3/12/2019 15:45	0:01	KS	0.020	1.221	Oversupply
3/12/2019 15:45	0:01	SMRR	0.025	0.326	Oversupply
3/12/2019 15:46	0:17	KS	0.366	0.279	Oversupply
3/12/2019 15:46	0:16	SMRR	0.494	0.019	Oversupply
3/12/2019 15:47	0:15	KWP2	0.420	18.984	Oversupply
3/12/2019 16:02	0:01	SMRR	0.016	0.017	Oversupply
3/12/2019 16:03	0:01	SMRR	0.016	0.319	Oversupply
3/12/2019 16:03	0:01	KS	0.010	0.414	Oversupply
3/12/2019 16:03	0:02	SMRR	0.031	0.639	Oversupply
3/12/2019 16:04	0:01	KS	0.010	0.498	Oversupply
3/12/2019 16:05	0:01	KS	0.009	0.565	Oversupply
3/12/2019 16:05	0:01	SMRR	0.016	1.009	Oversupply
3/12/2019 16:06	0:01	KS	0.010	0.393	Oversupply
3/12/2019 16:06	0:01	SMRR	0.015	0.914	Oversupply
3/12/2019 16:06	0:01	SMRR	0.016	0.182	Oversupply
3/12/2019 16:06	0:01	KS	0.010	0.010	Oversupply
3/12/2019 16:07	0:01	SMRR	0.016	0.747	Oversupply
3/12/2019 16:07	0:01	KS	0.010	0.380	Oversupply
3/12/2019 16:08	0:01	SMRR	0.016	0.924	Oversupply
3/12/2019 16:08	0:01	KS	0.010	0.401	Oversupply
3/12/2019 16:09	0:01	SMRR	0.016	1.454	Oversupply
3/12/2019 16:09	0:01	KS	0.010	0.801	Oversupply
3/12/2019 16:10	0:01	SMRR	0.016	1.708	Oversupply
3/12/2019 16:11	0:01	BS250	Data is not available	Data is not available	Oversupply
3/12/2019 16:11	0:01	KS	0.010	1.029	Oversupply
3/12/2019 16:11	0:01	SMRR	0.015	1.326	Oversupply
3/12/2019 16:12	0:01	KS	0.010	0.541	Oversupply
3/12/2019 16:12	0:01	SMRR	0.016	0.917	Oversupply
3/12/2019 16:13	0:02	SMRR	0.031	0.017	Oversupply
3/12/2019 16:13	0:01	KS	0.010	0.187	Oversupply
3/12/2019 16:13	0:02	KS	0.016	0.016	Oversupply
3/12/2019 16:14	0:01	KWP2	0.005	19.055	Oversupply
3/12/2019 16:14	0:01	SMRR	0.012	0.015	Oversupply
3/12/2019 16:15	0:01	SMRR	0.002	0.246	Oversupply
3/12/2019 16:15	0:01	KS	0.006	-0.003	Oversupply
3/12/2019 23:06	0:01	AWE	0.002	0.100	Oversupply
3/13/2019 1:24	0:01	KWP2	0.002	19.083	Oversupply
3/13/2019 1:48	0:22	KWP2	0.780	19.185	Oversupply
3/13/2019 2:16	0:26	KWP2	1.709	19.188	Oversupply
3/13/2019 2:50	0:03	KWP2	0.028	19.035	Oversupply
3/13/2019 2:57	1:25	KWP2	6.780	19.210	Oversupply
3/13/2019 4:27	0:13	KWP2	0.115	19.211	Oversupply
3/13/2019 4:41	0:01	KWP2	0.002	19.156	Oversupply
3/13/2019 4:51	0:27	KWP2	0.954	19.209	Oversupply
3/13/2019 9:33	0:01	KS	0.006	1.894	Oversupply
3/13/2019 9:33	0:01	SMRR	0.007	2.038	Oversupply
3/13/2019 9:34	0:01	SMRR	0.007	1.945	Oversupply
3/13/2019 9:35	0:01	SMRR	0.006	1.292	Oversupply
3/13/2019 9:36	0:01	SMRR	0.006	1.338	Oversupply
3/13/2019 9:36	0:01	KS	0.006	1.530	Oversupply
3/13/2019 9:37	0:01	SMRR	0.006	1.360	Oversupply



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3/13/2019 9:37	0:01	KS	0.006	1.231	Oversupply
3/13/2019 9:37	0:01	SMRR	0.006	1.648	Oversupply
3/13/2019 9:38	0:01	KS	0.006	1.596	Oversupply
3/13/2019 9:38	0:01	SMRR	0.006	1.217	Oversupply
3/13/2019 9:38	0:01	KS	0.006	1.335	Oversupply
3/13/2019 9:39	0:01	SMRR	0.006	1.263	Oversupply
3/13/2019 9:39	0:01	KS	0.006	1.377	Oversupply
3/13/2019 9:40	0:01	SMRR	0.006	1.135	Oversupply
3/13/2019 9:40	0:01	KS	0.006	1.311	Oversupply
3/13/2019 9:40	0:01	SMRR	0.006	1.571	Oversupply
3/13/2019 9:41	0:01	KS	0.006	1.912	Oversupply
3/13/2019 9:41	0:01	SMRR	0.006	1.667	Oversupply
3/13/2019 9:42	0:01	KS	0.006	1.651	Oversupply
3/13/2019 9:42	0:01	SMRR	0.006	1.459	Oversupply
3/13/2019 9:43	0:01	SMRR	0.007	0.933	Oversupply
3/13/2019 9:43	0:01	KS	0.006	1.399	Oversupply
3/13/2019 9:43	0:01	SMRR	0.006	0.902	Oversupply
3/13/2019 9:44	0:01	BS250	Data is not available	Data is not available	Oversupply
3/13/2019 9:44	0:01	KS	0.006	0.576	Oversupply
3/13/2019 9:44	0:01	SMRR	0.012	0.816	Oversupply
3/13/2019 9:44	0:01	KS	0.020	0.665	Oversupply
3/13/2019 9:45	0:01	SMRR	0.018	0.656	Oversupply
3/13/2019 9:45	0:01	KS	0.024	0.752	Oversupply
3/13/2019 9:46	0:01	SMRR	0.018	0.709	Oversupply
3/13/2019 9:46	0:01	KS	0.023	0.880	Oversupply
3/13/2019 9:46	0:01	SMRR	0.018	1.398	Oversupply
3/13/2019 9:47	0:02	BS250	Data is not available	Data is not available	Oversupply
3/13/2019 9:47	0:01	KS	0.024	1.254	Oversupply
3/13/2019 9:47	0:01	SMRR	0.018	0.264	Oversupply
3/13/2019 9:48	0:01	KWP2	0.026	16.809	Oversupply
3/13/2019 9:48	0:01	KS	0.024	0.237	Oversupply
3/13/2019 9:48	0:01	SMRR	0.018	1.008	Oversupply
3/13/2019 9:49	0:01	SMRR	0.018	1.013	Oversupply
3/13/2019 9:49	0:01	KS	0.024	1.401	Oversupply
3/13/2019 9:50	0:02	SMRR	0.036	0.142	Oversupply
3/13/2019 9:50	0:01	KS	0.024	0.487	Oversupply
3/13/2019 9:51	0:01	KWP2	0.013	17.740	Oversupply
3/13/2019 9:51	0:01	KS	0.024	0.029	Oversupply
3/13/2019 9:51	0:01	SMRR	0.018	0.063	Oversupply
3/13/2019 9:51	0:01	KS	0.024	-0.001	Oversupply
3/13/2019 9:52	0:01	SMRR	0.018	0.462	Oversupply
3/13/2019 9:52	0:01	KS	0.024	-0.002	Oversupply
3/13/2019 9:59	0:01	KS	0.020	2.185	Oversupply
3/13/2019 10:00	0:01	SMRR	0.021	2.067	Oversupply
3/13/2019 10:01	0:01	BS250	Data is not available	Data is not available	Oversupply
3/13/2019 10:01	0:01	KS	0.022	1.777	Oversupply
3/13/2019 10:01	0:01	SMRR	0.021	0.960	Oversupply
3/13/2019 10:02	0:01	SMRR	0.021	1.133	Oversupply
3/13/2019 10:02	0:01	KS	0.022	0.846	Oversupply
3/13/2019 10:03	0:02	SMRR	0.042	0.211	Oversupply
3/13/2019 10:03	0:01	KS	0.022	0.792	Oversupply
3/13/2019 10:04	0:01	KS	0.022	0.875	Oversupply
3/13/2019 10:04	0:01	KWP2	0.000	15.574	Oversupply
3/13/2019 10:04	0:01	SMRR	0.022	0.164	Oversupply
3/13/2019 10:04	0:01	KS	0.021	0.161	Oversupply
3/13/2019 10:05	0:01	SMRR	0.021	0.295	Oversupply
3/13/2019 10:05	0:01	KS	0.022	0.490	Oversupply
3/13/2019 10:06	0:01	SMRR	0.021	0.094	Oversupply
3/13/2019 10:06	0:01	KS	0.022	0.081	Oversupply
3/13/2019 10:06	0:01	SMRR	0.021	0.637	Oversupply
3/13/2019 10:07	0:01	KS	0.021	0.802	Oversupply
3/13/2019 10:07	0:01	SMRR	0.022	0.809	Oversupply
3/13/2019 10:08	0:01	KS	0.022	1.233	Oversupply
3/13/2019 10:08	0:01	SMRR	0.021	1.629	Oversupply
3/13/2019 10:09	0:01	KS	0.022	2.329	Oversupply
3/13/2019 10:09	0:01	SMRR	0.021	1.713	Oversupply
3/13/2019 10:09	0:01	SMRR	0.021	0.579	Oversupply
3/13/2019 10:10	0:01	KS	0.022	1.328	Oversupply
3/13/2019 10:10	0:01	SMRR	0.021	0.358	Oversupply
3/13/2019 10:10	0:01	KS	0.022	0.180	Oversupply
3/13/2019 10:11	0:58	BS250	Data is not available	Data is not available	Oversupply
3/13/2019 10:11	0:01	SMRR	0.021	0.024	Oversupply
3/13/2019 10:11	0:01	KS	0.022	0.103	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/13/2019 10:12	0:01	KWP2	0.005	11.929	Oversupply
3/13/2019 10:12	0:01	SMRR	0.021	0.499	Oversupply
3/13/2019 10:12	0:01	KS	0.022	0.470	Oversupply
3/13/2019 10:13	0:59	SMRR	2.518	0.234	Oversupply
3/13/2019 10:13	0:01	KS	0.022	0.144	Oversupply
3/13/2019 10:14	0:58	KWP2	10.358	18.799	Oversupply
3/13/2019 10:14	0:58	KS	2.426	0.029	Oversupply
3/13/2019 10:47	0:02	AWE	0.014	19.700	Oversupply
3/13/2019 10:50	0:08	AWE	0.161	18.600	Oversupply
3/13/2019 11:00	0:06	AWE	0.118	19.500	Oversupply
3/13/2019 11:07	0:01	AWE	0.000	16.700	Oversupply
3/13/2019 11:11	0:44	BS250	Data is not available	Data is not available	Oversupply
3/13/2019 11:11	0:01	SMRR	0.033	0.177	Oversupply
3/13/2019 11:12	0:01	KS	0.038	0.326	Oversupply
3/13/2019 11:12	0:01	SMRR	0.033	0.728	Oversupply
3/13/2019 11:13	0:01	KS	0.038	1.049	Oversupply
3/13/2019 11:13	0:01	SMRR	0.033	1.600	Oversupply
3/13/2019 11:13	0:01	KS	0.038	1.230	Oversupply
3/13/2019 11:14	0:43	SMRR	1.998	1.440	Oversupply
3/13/2019 11:14	0:43	KS	2.034	1.415	Oversupply
3/13/2019 11:15	0:43	KWP2	4.673	16.938	Oversupply
3/13/2019 11:56	0:01	SMRR	0.036	0.004	Oversupply
3/13/2019 11:57	0:01	SMRR	0.035	0.019	Oversupply
3/13/2019 11:58	0:04	BS250	Data is not available	Data is not available	Oversupply
3/13/2019 11:58	0:01	KS	0.041	0.050	Oversupply
3/13/2019 11:58	0:01	SMRR	0.036	0.317	Oversupply
3/13/2019 11:58	0:01	KS	0.040	0.488	Oversupply
3/13/2019 11:59	0:01	SMRR	0.036	0.814	Oversupply
3/13/2019 11:59	0:01	KS	0.034	1.112	Oversupply
3/13/2019 11:59	0:01	SMRR	0.032	0.814	Oversupply
3/13/2019 12:00	0:01	KS	0.033	0.894	Oversupply
3/13/2019 12:00	0:01	SMRR	0.032	0.384	Oversupply
3/13/2019 12:01	0:03	SMRR	0.126	0.013	Oversupply
3/13/2019 12:01	0:03	KS	0.131	0.100	Oversupply
3/13/2019 12:02	0:03	KWP2	0.077	11.603	Oversupply
3/13/2019 12:04	0:01	SMRR	0.032	0.144	Oversupply
3/13/2019 12:04	0:01	KS	0.032	-0.003	Oversupply
3/13/2019 12:05	0:01	BS250	Data is not available	Data is not available	Oversupply
3/13/2019 12:05	0:01	SMRR	0.031	0.476	Oversupply
3/13/2019 12:05	0:01	KS	0.033	-0.002	Oversupply
3/13/2019 12:06	0:01	SMRR	0.032	0.297	Oversupply
3/13/2019 12:06	0:01	KS	0.033	-0.002	Oversupply
3/13/2019 12:06	0:01	SMRR	0.032	0.190	Oversupply
3/13/2019 12:07	0:01	KS	0.033	-0.002	Oversupply
3/13/2019 12:07	0:02	SMRR	0.063	0.005	Oversupply
3/13/2019 12:08	0:01	KWP2	0.016	9.725	Oversupply
3/13/2019 12:08	0:01	KS	0.033	0.251	Oversupply
3/13/2019 12:09	0:01	SMRR	0.032	0.247	Oversupply
3/13/2019 12:09	0:01	KS	0.033	0.674	Oversupply
3/13/2019 12:09	0:02	SMRR	0.064	0.641	Oversupply
3/13/2019 12:10	0:01	KS	0.033	0.835	Oversupply
3/13/2019 12:10	0:01	KS	0.033	1.443	Oversupply
3/13/2019 12:11	0:01	SMRR	0.031	0.783	Oversupply
3/13/2019 12:11	0:01	KS	0.033	1.536	Oversupply
3/13/2019 12:12	0:01	SMRR	0.032	0.789	Oversupply
3/13/2019 12:12	0:01	KS	0.033	1.903	Oversupply
3/13/2019 12:12	0:01	SMRR	0.032	0.792	Oversupply
3/13/2019 12:13	0:01	KS	0.033	1.439	Oversupply
3/13/2019 12:13	0:01	SMRR	0.032	0.873	Oversupply
3/13/2019 12:14	0:01	KS	0.032	0.485	Oversupply
3/13/2019 12:14	0:01	SMRR	0.030	0.961	Oversupply
3/13/2019 12:15	0:01	SMRR	0.026	1.211	Oversupply
3/13/2019 12:15	0:01	KS	0.029	1.314	Oversupply
3/13/2019 12:15	0:01	SMRR	0.025	1.614	Oversupply
3/13/2019 12:16	0:01	KS	0.029	2.332	Oversupply
3/13/2019 12:16	0:01	SMRR	0.026	2.454	Oversupply
3/13/2019 12:17	0:01	KS	0.029	2.338	Oversupply
3/13/2019 12:17	0:01	SMRR	0.026	2.114	Oversupply
3/13/2019 12:17	0:01	KS	0.029	2.213	Oversupply
3/13/2019 12:18	0:01	SMRR	0.026	2.043	Oversupply
3/13/2019 12:18	0:01	KS	0.029	2.150	Oversupply
3/13/2019 12:19	0:02	BS250	Data is not available	Data is not available	Oversupply
3/13/2019 12:19	0:01	SMRR	0.025	2.043	Oversupply



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3/13/2019 12:19	0:01	KS	0.028	1.871	Oversupply
3/13/2019 12:19	0:01	SMRR	0.026	1.643	Oversupply
3/13/2019 12:20	0:01	KS	0.029	1.667	Oversupply
3/13/2019 12:20	0:01	SMRR	0.026	1.141	Oversupply
3/13/2019 12:21	0:01	SMRR	0.026	0.262	Oversupply
3/13/2019 12:21	0:01	KS	0.029	0.836	Oversupply
3/13/2019 12:22	0:04	KWP2	0.037	12.005	Oversupply
3/13/2019 12:22	0:02	SMRR	0.078	0.024	Oversupply
3/13/2019 12:22	0:03	KS	0.087	0.032	Oversupply
3/13/2019 12:24	0:14	BS250	Data is not available	Data is not available	Oversupply
3/13/2019 12:24	0:01	SMRR	0.026	0.205	Oversupply
3/13/2019 12:24	0:01	KS	0.028	-0.002	Oversupply
3/13/2019 12:25	0:01	SMRR	0.026	0.304	Oversupply
3/13/2019 12:25	0:01	KS	0.029	-0.002	Oversupply
3/13/2019 12:25	0:01	SMRR	0.025	0.584	Oversupply
3/13/2019 12:26	0:01	KS	0.029	-0.003	Oversupply
3/13/2019 12:26	0:10	SMRR	0.333	0.363	Oversupply
3/13/2019 12:27	0:10	KWP2	0.345	12.912	Oversupply
3/13/2019 12:27	0:10	KS	0.453	-0.002	Oversupply
3/13/2019 12:36	0:01	SMRR	0.025	0.014	Oversupply
3/13/2019 12:37	0:01	SMRR	0.025	0.108	Oversupply
3/13/2019 12:37	0:01	KS	0.041	0.215	Oversupply
3/13/2019 12:38	0:03	SMRR	0.099	0.125	Oversupply
3/13/2019 12:38	0:01	KS	0.041	0.286	Oversupply
3/13/2019 12:39	0:03	BS250	Data is not available	Data is not available	Oversupply
3/13/2019 12:39	0:01	KWP2	0.009	11.729	Oversupply
3/13/2019 12:39	0:03	KS	0.121	0.007	Oversupply
3/13/2019 12:41	0:01	KWP2	0.010	12.341	Oversupply
3/13/2019 12:41	0:01	SMRR	0.025	0.051	Oversupply
3/13/2019 12:41	0:03	SMRR	0.099	0.017	Oversupply
3/13/2019 12:42	0:01	KS	0.041	0.094	Oversupply
3/13/2019 12:42	0:03	KS	0.109	0.004	Oversupply
3/13/2019 12:43	0:03	KWP2	0.073	13.583	Oversupply
3/13/2019 12:44	0:01	SMRR	-0.005	0.080	Oversupply
3/13/2019 12:45	0:01	KS	0.002	0.255	Oversupply
3/13/2019 12:45	0:01	SMRR	0.006	0.713	Oversupply
3/13/2019 12:46	0:01	KS	0.002	0.723	Oversupply
3/13/2019 12:46	0:01	SMRR	0.006	1.150	Oversupply
3/13/2019 12:47	0:01	KS	0.002	1.024	Oversupply
3/13/2019 12:55	0:01	SMRR	0.006	2.831	Oversupply
3/13/2019 13:02	0:01	SMRR	0.002	2.765	Oversupply
3/13/2019 13:02	0:01	KS	0.000	1.371	Oversupply
3/13/2019 13:03	0:01	SMRR	0.002	2.162	Oversupply
3/13/2019 13:03	0:01	KS	0.000	1.502	Oversupply
3/13/2019 13:04	0:01	SMRR	0.002	1.855	Oversupply
3/13/2019 13:04	0:01	KS	0.000	1.087	Oversupply
3/13/2019 13:18	0:01	SMRR	0.019	2.111	Oversupply
3/13/2019 13:19	0:01	KS	0.018	1.635	Oversupply
3/13/2019 13:19	0:01	SMRR	0.019	2.127	Oversupply
3/13/2019 13:20	0:06	BS250	Data is not available	Data is not available	Oversupply
3/13/2019 13:20	0:01	KS	0.018	0.429	Oversupply
3/13/2019 13:20	0:01	SMRR	0.018	0.968	Oversupply
3/13/2019 13:20	0:01	SMRR	0.019	0.235	Oversupply
3/13/2019 13:20	0:01	KS	0.018	0.038	Oversupply
3/13/2019 13:21	0:01	SMRR	0.019	0.180	Oversupply
3/13/2019 13:21	0:01	KS	0.018	0.366	Oversupply
3/13/2019 13:22	0:01	SMRR	0.019	0.346	Oversupply
3/13/2019 13:22	0:01	KS	0.018	0.338	Oversupply
3/13/2019 13:23	0:05	SMRR	0.112	0.025	Oversupply
3/13/2019 13:23	0:05	KS	0.108	0.029	Oversupply
3/13/2019 13:24	0:04	KWP2	0.125	15.801	Oversupply
3/13/2019 13:27	0:06	BS250	Data is not available	Data is not available	Oversupply
3/13/2019 13:27	0:02	SMRR	0.038	0.015	Oversupply
3/13/2019 13:28	0:08	KS	0.224	-0.002	Oversupply
3/13/2019 13:29	0:01	SMRR	0.019	0.030	Oversupply
3/13/2019 13:30	0:06	KWP2	0.140	16.898	Oversupply
3/13/2019 13:30	0:06	SMRR	0.192	0.001	Oversupply
3/13/2019 13:34	1:42	BS250	Data is not available	Data is not available	Oversupply
3/13/2019 13:36	0:01	SMRR	0.024	0.183	Oversupply
3/13/2019 13:36	0:01	KS	0.026	-0.003	Oversupply
3/13/2019 13:36	1:40	SMRR	3.318	0.001	Oversupply
3/13/2019 13:37	1:26	KWP2	19.530	19.005	Oversupply
3/13/2019 13:37	1:41	KS	4.503	0.144	Oversupply



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3/13/2019 14:10	0:01	AWE	0.003	18.000	Oversupply
3/13/2019 14:26	0:02	AWE	0.008	19.500	Oversupply
3/13/2019 14:31	0:03	AWE	0.011	19.200	Oversupply
3/13/2019 14:35	0:23	AWE	1.160	19.900	Oversupply
3/13/2019 15:04	0:15	KWP2	1.542	18.845	Oversupply
3/13/2019 15:16	0:01	SMRR	0.021	0.032	Oversupply
3/13/2019 15:17	0:01	SMRR	0.020	0.016	Oversupply
3/13/2019 15:18	0:01	KS	0.029	0.162	Oversupply
3/13/2019 15:18	0:01	SMRR	0.021	0.062	Oversupply
3/13/2019 15:19	0:01	BS250	Data is not available	Data is not available	Oversupply
3/13/2019 15:19	0:01	SMRR	0.021	0.231	Oversupply
3/13/2019 15:19	0:01	KS	0.029	0.496	Oversupply
3/13/2019 15:20	0:01	SMRR	0.021	0.496	Oversupply
3/13/2019 15:20	0:01	KS	0.029	0.531	Oversupply
3/13/2019 15:20	0:01	SMRR	0.020	0.377	Oversupply
3/13/2019 15:21	0:01	KS	0.029	0.345	Oversupply
3/13/2019 15:21	0:01	SMRR	0.021	0.009	Oversupply
3/13/2019 15:21	0:01	KS	0.029	0.033	Oversupply
3/13/2019 15:22	0:01	SMRR	0.021	0.166	Oversupply
3/13/2019 15:22	0:01	KS	0.029	0.404	Oversupply
3/13/2019 15:23	0:01	SMRR	0.021	0.803	Oversupply
3/13/2019 15:23	0:01	KS	0.027	1.139	Oversupply
3/13/2019 15:23	0:01	SMRR	0.021	1.081	Oversupply
3/13/2019 15:24	0:01	KS	0.029	1.395	Oversupply
3/13/2019 15:24	0:01	SMRR	0.020	1.064	Oversupply
3/13/2019 15:25	0:01	KS	0.028	1.494	Oversupply
3/13/2019 15:25	0:01	SMRR	0.021	1.559	Oversupply
3/13/2019 15:26	0:01	SMRR	0.021	1.406	Oversupply
3/13/2019 15:26	0:01	KS	0.029	2.016	Oversupply
3/13/2019 15:26	0:01	SMRR	0.021	1.602	Oversupply
3/13/2019 15:27	0:01	KS	0.029	1.374	Oversupply
3/13/2019 15:27	0:01	SMRR	0.020	2.137	Oversupply
3/13/2019 15:28	0:01	SMRR	0.021	1.464	Oversupply
3/13/2019 15:28	0:01	KS	0.029	2.049	Oversupply
3/13/2019 15:29	0:01	SMRR	0.021	1.150	Oversupply
3/13/2019 15:29	0:01	KS	0.020	1.418	Oversupply
3/13/2019 22:59	0:34	KWP2	1.788	19.060	Oversupply
3/13/2019 23:38	1:04	KWP2	5.691	19.075	Oversupply
3/14/2019 0:46	0:01	KWP2	0.002	12.237	Oversupply
3/14/2019 0:58	1:43	KWP2	16.233	17.200	Oversupply
3/14/2019 1:55	0:23	AWE	0.639	21.000	Oversupply
3/14/2019 2:20	0:17	AWE	0.439	20.100	Oversupply
3/14/2019 2:43	1:20	KWP2	17.265	16.971	Oversupply
3/14/2019 3:22	0:36	AWE	1.822	21.000	Oversupply
3/14/2019 4:05	0:30	KWP2	3.286	11.129	Oversupply
3/14/2019 4:16	0:02	AWE	0.044	21.000	Oversupply
3/14/2019 4:19	0:01	AWE	0.016	21.000	Oversupply
3/14/2019 4:27	0:01	AWE	0.003	21.000	Oversupply
3/14/2019 4:37	0:12	KWP2	0.697	13.999	Oversupply
3/14/2019 11:10	0:01	KWP2	0.000	0.022	Oversupply
3/14/2019 11:30	0:01	KWP2	0.000	0.015	Oversupply
3/14/2019 11:39	0:01	SMRR	0.002	2.831	Oversupply
3/14/2019 11:40	0:01	SMRR	0.002	2.585	Oversupply
3/14/2019 11:43	0:01	SMRR	0.002	2.697	Oversupply
3/14/2019 11:44	0:01	SMRR	0.002	2.786	Oversupply
3/14/2019 11:44	0:01	KS	0.002	2.727	Oversupply
3/14/2019 11:44	0:01	SMRR	0.004	2.558	Oversupply
3/14/2019 11:45	0:02	KS	0.007	2.762	Oversupply
3/14/2019 11:45	0:01	SMRR	0.004	2.545	Oversupply
3/14/2019 11:46	0:01	SMRR	0.004	2.374	Oversupply
3/14/2019 11:46	0:01	KS	0.004	2.446	Oversupply
3/14/2019 11:47	0:01	SMRR	0.004	2.369	Oversupply
3/14/2019 11:47	0:01	KS	0.004	2.355	Oversupply
3/14/2019 11:47	0:01	SMRR	0.004	2.535	Oversupply
3/14/2019 11:48	0:01	KS	0.004	2.701	Oversupply
3/14/2019 11:48	0:01	SMRR	0.004	2.560	Oversupply
3/14/2019 11:49	0:01	KS	0.004	2.509	Oversupply
3/14/2019 11:49	0:01	SMRR	0.004	2.786	Oversupply
3/14/2019 11:51	0:01	KS	0.004	2.893	Oversupply
3/14/2019 11:51	0:01	SMRR	0.004	2.875	Oversupply
3/14/2019 11:52	0:01	SMRR	0.004	2.560	Oversupply
3/14/2019 11:52	0:01	KS	0.004	2.512	Oversupply
3/14/2019 11:53	0:01	SMRR	0.004	2.432	Oversupply



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3/14/2019 11:53	0:01	KS	0.004	1.648	Oversupply
3/14/2019 11:54	0:01	SMRR	0.004	2.146	Oversupply
3/14/2019 11:54	0:01	KS	0.004	2.004	Oversupply
3/14/2019 11:54	0:01	SMRR	0.004	1.974	Oversupply
3/14/2019 11:55	0:01	KS	0.004	2.315	Oversupply
3/14/2019 11:55	0:01	SMRR	0.004	2.480	Oversupply
3/14/2019 11:56	0:01	SMRR	0.004	2.557	Oversupply
3/14/2019 11:56	0:01	KS	0.004	2.728	Oversupply
3/14/2019 11:57	0:01	SMRR	0.004	2.428	Oversupply
3/14/2019 11:57	0:01	KS	0.004	2.647	Oversupply
3/14/2019 11:58	0:01	KS	0.004	2.724	Oversupply
3/14/2019 11:59	0:01	SMRR	0.006	2.803	Oversupply
3/14/2019 11:59	0:01	KS	0.011	2.803	Oversupply
3/14/2019 12:00	0:01	SMRR	0.011	2.142	Oversupply
3/14/2019 12:00	0:01	KS	0.012	2.245	Oversupply
3/14/2019 12:00	0:01	SMRR	0.011	1.861	Oversupply
3/14/2019 12:01	0:01	KS	0.012	1.731	Oversupply
3/14/2019 12:01	0:01	SMRR	0.011	2.160	Oversupply
3/14/2019 12:02	0:01	KS	0.012	2.113	Oversupply
3/14/2019 12:02	0:01	SMRR	0.011	1.961	Oversupply
3/14/2019 12:03	0:01	SMRR	0.011	1.692	Oversupply
3/14/2019 12:03	0:01	KS	0.012	1.887	Oversupply
3/14/2019 12:04	0:01	SMRR	0.011	2.068	Oversupply
3/14/2019 12:04	0:01	KS	0.012	1.991	Oversupply
3/14/2019 12:04	0:01	SMRR	0.011	2.390	Oversupply
3/14/2019 12:05	0:01	KS	0.012	2.421	Oversupply
3/14/2019 12:05	0:01	SMRR	0.011	2.610	Oversupply
3/14/2019 12:05	0:01	KS	0.012	2.706	Oversupply
3/14/2019 12:06	0:01	SMRR	0.011	2.274	Oversupply
3/14/2019 12:06	0:01	KS	0.012	2.288	Oversupply
3/14/2019 12:07	0:01	SMRR	0.011	1.883	Oversupply
3/14/2019 12:07	0:01	KS	0.012	1.873	Oversupply
3/14/2019 12:07	0:01	SMRR	0.011	1.595	Oversupply
3/14/2019 12:08	0:01	KS	0.012	1.744	Oversupply
3/14/2019 12:08	0:01	SMRR	0.011	1.757	Oversupply
3/14/2019 12:09	0:01	KS	0.012	1.613	Oversupply
3/14/2019 12:09	0:01	SMRR	0.011	1.609	Oversupply
3/14/2019 12:10	0:01	SMRR	0.011	1.716	Oversupply
3/14/2019 12:10	0:01	KS	0.012	1.505	Oversupply
3/14/2019 12:10	0:01	SMRR	0.011	1.901	Oversupply
3/14/2019 12:11	0:01	KS	0.012	1.935	Oversupply
3/14/2019 12:11	0:01	SMRR	0.011	2.350	Oversupply
3/14/2019 12:11	0:01	KS	0.012	2.234	Oversupply
3/14/2019 12:12	0:01	SMRR	0.011	2.063	Oversupply
3/14/2019 12:12	0:01	KS	0.012	2.094	Oversupply
3/14/2019 12:13	0:01	SMRR	0.011	1.886	Oversupply
3/14/2019 12:13	0:01	KS	0.012	1.923	Oversupply
3/14/2019 12:13	0:01	SMRR	0.011	2.024	Oversupply
3/14/2019 12:14	0:01	KS	0.011	2.110	Oversupply
3/14/2019 12:14	0:01	SMRR	0.009	1.763	Oversupply
3/14/2019 12:15	0:01	KS	0.009	1.793	Oversupply
3/14/2019 12:15	0:01	SMRR	0.008	1.977	Oversupply
3/14/2019 12:16	0:01	SMRR	0.008	1.602	Oversupply
3/14/2019 12:16	0:01	KS	0.009	1.552	Oversupply
3/14/2019 12:17	0:01	SMRR	0.008	1.499	Oversupply
3/14/2019 12:17	0:01	KS	0.009	1.579	Oversupply
3/14/2019 12:17	0:01	SMRR	0.008	1.662	Oversupply
3/14/2019 12:18	0:01	KS	0.009	1.592	Oversupply
3/14/2019 12:18	0:01	SMRR	0.008	2.029	Oversupply
3/14/2019 12:18	0:01	KS	0.009	1.992	Oversupply
3/14/2019 12:19	0:01	SMRR	0.008	2.066	Oversupply
3/14/2019 12:19	0:01	KS	0.009	2.047	Oversupply
3/14/2019 12:20	0:01	SMRR	0.008	1.865	Oversupply
3/14/2019 12:20	0:01	KS	0.009	1.771	Oversupply
3/14/2019 12:20	0:01	SMRR	0.008	1.669	Oversupply
3/14/2019 12:21	0:01	KS	0.009	1.634	Oversupply
3/14/2019 12:21	0:01	SMRR	0.008	1.740	Oversupply
3/14/2019 12:22	0:01	KS	0.009	2.158	Oversupply
3/14/2019 12:22	0:01	SMRR	0.008	2.177	Oversupply
3/14/2019 12:23	0:01	SMRR	0.008	2.286	Oversupply
3/14/2019 12:23	0:01	KS	0.009	2.245	Oversupply
3/14/2019 12:24	0:01	KS	0.009	2.558	Oversupply
3/14/2019 14:21	0:01	SMRR	0.002	1.876	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/14/2019 14:22	0:01	KS	0.001	2.125	Oversupply
3/14/2019 14:23	0:01	KS	0.001	2.471	Oversupply
3/14/2019 14:24	0:01	KS	0.001	2.866	Oversupply
3/14/2019 14:26	0:01	SMRR	0.002	0.734	Oversupply
3/14/2019 14:26	0:01	KS	0.001	2.406	Oversupply
3/14/2019 14:26	0:01	SMRR	0.002	0.709	Oversupply
3/14/2019 14:27	0:01	KS	0.001	2.677	Oversupply
3/14/2019 14:32	0:01	SMRR	0.001	1.184	Oversupply
3/14/2019 14:32	0:01	KS	0.004	2.491	Oversupply
3/14/2019 14:32	0:01	SMRR	0.001	1.059	Oversupply
3/14/2019 14:33	0:01	KS	0.004	2.432	Oversupply
3/14/2019 17:04	0:18	KWPPII	0.682	18.530	Oversupply
3/15/2019 1:44	0:02	KWPPII	0.014	18.616	Oversupply
3/15/2019 1:55	0:02	KWPPII	0.017	18.663	Oversupply
3/15/2019 1:58	0:04	KWPPII	0.072	18.571	Oversupply
3/15/2019 2:06	0:08	KWPPII	0.125	18.543	Oversupply
3/15/2019 2:15	0:01	KWPPII	0.002	17.765	Oversupply
3/15/2019 2:19	0:02	KWPPII	0.011	18.117	Oversupply
3/15/2019 2:23	0:06	KWPPII	0.132	18.733	Oversupply
3/15/2019 2:30	0:01	KWPPII	0.009	18.556	Oversupply
3/15/2019 2:32	0:07	KWPPII	0.089	18.673	Oversupply
3/15/2019 2:40	0:01	KWPPII	0.013	17.841	Oversupply
3/15/2019 2:42	1:05	KWPPII	2.893	18.521	Oversupply
3/15/2019 9:31	0:01	KS	0.000	1.877	Oversupply
3/15/2019 9:31	0:01	SMRR	-0.001	1.824	Oversupply
3/15/2019 10:24	0:01	SMRR	0.001	2.621	Oversupply
3/15/2019 10:25	0:01	SMRR	0.001	2.839	Oversupply
3/15/2019 10:25	0:01	KS	0.001	2.512	Oversupply
3/15/2019 10:26	0:01	SMRR	0.001	2.669	Oversupply
3/15/2019 10:27	0:01	KS	0.001	2.533	Oversupply
3/15/2019 10:27	0:01	SMRR	0.001	1.950	Oversupply
3/15/2019 10:27	0:01	KS	0.001	1.225	Oversupply
3/15/2019 10:28	0:01	SMRR	0.001	2.039	Oversupply
3/15/2019 10:28	0:01	KS	0.001	1.757	Oversupply
3/15/2019 10:29	0:01	SMRR	0.001	2.175	Oversupply
3/15/2019 10:29	0:01	KS	-0.001	2.010	Oversupply
3/15/2019 10:42	0:01	SMRR	-0.002	2.432	Oversupply
3/15/2019 10:42	0:01	SMRR	-0.002	2.411	Oversupply
3/15/2019 10:43	0:01	KS	0.000	2.314	Oversupply
3/16/2019 8:55	0:01	KWPPII	0.000	0.005	Oversupply
3/17/2019 10:29	0:01	SMRR	-0.001	2.646	Oversupply
3/17/2019 10:30	0:01	AWE	0.002	0.100	Oversupply
3/17/2019 10:42	0:01	SMRR	0.000	2.689	Oversupply
3/17/2019 10:43	0:01	SMRR	0.000	2.302	Oversupply
3/17/2019 10:43	0:01	KS	0.001	2.654	Oversupply
3/17/2019 10:44	0:01	SMRR	0.000	2.389	Oversupply
3/17/2019 10:44	0:01	KS	-0.001	2.214	Oversupply
3/17/2019 10:45	0:01	SMRR	0.000	2.753	Oversupply
3/17/2019 10:46	0:01	SMRR	0.000	2.688	Oversupply
3/17/2019 10:47	0:01	KS	0.000	2.791	Oversupply
3/17/2019 10:47	0:01	SMRR	0.000	2.369	Oversupply
3/17/2019 10:48	0:01	KS	0.000	2.190	Oversupply
3/17/2019 10:48	0:01	KS	0.000	2.657	Oversupply
3/17/2019 10:49	0:01	KS	0.000	2.839	Oversupply
3/17/2019 11:03	0:01	SMRR	0.020	2.617	Oversupply
3/17/2019 11:03	0:01	KS	0.022	2.853	Oversupply
3/17/2019 11:04	0:01	SMRR	0.020	2.112	Oversupply
3/17/2019 11:04	0:01	KS	0.022	2.276	Oversupply
3/17/2019 11:04	0:01	SMRR	0.019	2.054	Oversupply
3/17/2019 11:05	0:01	KS	0.022	2.109	Oversupply
3/17/2019 11:05	0:01	SMRR	0.020	2.271	Oversupply
3/17/2019 11:06	0:01	KS	0.022	2.247	Oversupply
3/17/2019 11:06	0:01	SMRR	0.020	1.813	Oversupply
3/17/2019 11:07	0:01	KS	0.022	2.016	Oversupply
3/17/2019 11:07	0:01	SMRR	0.020	0.854	Oversupply
3/17/2019 11:07	0:01	KS	0.022	0.735	Oversupply
3/17/2019 11:08	0:01	SMRR	0.019	0.158	Oversupply
3/17/2019 11:08	0:01	KS	0.022	0.201	Oversupply
3/17/2019 11:08	0:02	SMRR	0.060	0.027	Oversupply
3/17/2019 11:09	0:07	KWPPII	0.070	14.031	Oversupply
3/17/2019 11:09	0:09	KS	0.295	0.030	Oversupply
3/17/2019 11:11	0:01	SMRR	0.019	0.020	Oversupply
3/17/2019 11:11	0:06	SMRR	0.189	0.010	Oversupply



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3/17/2019 11:17	0:02	KWP II	0.007	12.938	Oversupply
3/17/2019 11:17	0:01	SMRR	0.028	0.206	Oversupply
3/17/2019 11:18	0:01	SMRR	0.028	0.126	Oversupply
3/17/2019 11:19	0:01	KS	0.033	0.127	Oversupply
3/17/2019 11:19	0:01	SMRR	0.028	0.007	Oversupply
3/17/2019 11:19	0:01	KS	0.033	0.101	Oversupply
3/17/2019 11:20	0:01	SMRR	0.027	0.220	Oversupply
3/17/2019 11:20	0:01	KS	0.033	0.254	Oversupply
3/17/2019 11:20	0:03	SMRR	0.112	0.018	Oversupply
3/17/2019 11:21	0:04	KWP II	0.026	14.659	Oversupply
3/17/2019 11:21	0:03	KS	0.134	0.014	Oversupply
3/17/2019 11:24	0:01	SMRR	0.028	0.148	Oversupply
3/17/2019 11:24	0:01	SMRR	0.028	0.631	Oversupply
3/17/2019 11:25	0:01	KS	0.033	0.339	Oversupply
3/17/2019 11:25	0:01	SMRR	0.028	1.491	Oversupply
3/17/2019 11:26	0:01	KS	0.033	1.437	Oversupply
3/17/2019 11:26	0:01	SMRR	0.027	1.726	Oversupply
3/17/2019 11:26	0:01	KS	0.033	1.681	Oversupply
3/17/2019 11:27	0:01	SMRR	0.029	1.591	Oversupply
3/17/2019 11:27	0:01	KS	0.033	1.721	Oversupply
3/17/2019 11:27	0:01	SMRR	0.027	1.594	Oversupply
3/17/2019 11:28	0:01	KS	0.033	1.844	Oversupply
3/17/2019 11:28	0:01	SMRR	0.028	2.056	Oversupply
3/17/2019 11:29	0:01	SMRR	0.027	2.750	Oversupply
3/17/2019 11:29	0:01	KS	0.031	2.303	Oversupply
3/17/2019 11:30	0:01	SMRR	0.025	2.004	Oversupply
3/17/2019 11:30	0:01	KS	0.025	2.464	Oversupply
3/17/2019 11:30	0:01	SMRR	0.024	1.986	Oversupply
3/17/2019 11:31	0:01	KS	0.025	2.144	Oversupply
3/17/2019 11:31	0:01	SMRR	0.025	1.998	Oversupply
3/17/2019 11:32	0:01	KS	0.026	1.942	Oversupply
3/17/2019 11:32	0:01	SMRR	0.025	2.476	Oversupply
3/17/2019 11:32	0:01	KS	0.026	2.503	Oversupply
3/17/2019 11:33	0:01	SMRR	0.025	2.587	Oversupply
3/17/2019 11:33	0:01	KS	0.026	2.514	Oversupply
3/17/2019 11:33	0:01	SMRR	0.024	1.590	Oversupply
3/17/2019 11:34	0:01	KS	0.026	1.581	Oversupply
3/17/2019 11:34	0:01	SMRR	0.025	1.267	Oversupply
3/17/2019 11:35	0:01	KS	0.026	0.932	Oversupply
3/17/2019 11:35	0:01	SMRR	0.025	1.474	Oversupply
3/17/2019 11:36	0:01	SMRR	0.025	1.388	Oversupply
3/17/2019 11:36	0:01	KS	0.026	1.745	Oversupply
3/17/2019 11:37	0:01	SMRR	0.025	0.742	Oversupply
3/17/2019 11:37	0:01	KS	0.026	1.170	Oversupply
3/17/2019 11:37	0:01	SMRR	0.025	0.456	Oversupply
3/17/2019 11:38	0:01	KS	0.026	0.696	Oversupply
3/17/2019 11:38	0:51	SMRR	2.341	0.024	Oversupply
3/17/2019 11:38	0:01	KS	0.026	0.347	Oversupply
3/17/2019 11:39	0:41	KWP II	1.568	15.124	Oversupply
3/17/2019 11:39	0:39	KS	1.768	0.028	Oversupply
3/17/2019 12:18	0:01	KS	0.041	0.001	Oversupply
3/17/2019 12:19	0:11	KS	0.531	0.002	Oversupply
3/17/2019 12:21	0:09	KWP II	0.096	14.834	Oversupply
3/17/2019 12:29	0:01	SMRR	0.028	0.261	Oversupply
3/17/2019 12:30	0:01	SMRR	0.023	1.109	Oversupply
3/17/2019 12:30	0:01	KS	0.036	0.455	Oversupply
3/17/2019 12:31	0:01	SMRR	0.023	0.960	Oversupply
3/17/2019 12:31	0:01	KS	0.036	0.867	Oversupply
3/17/2019 12:31	0:01	SMRR	0.023	0.849	Oversupply
3/17/2019 12:32	0:01	KS	0.036	0.959	Oversupply
3/17/2019 12:32	0:01	SMRR	0.022	0.808	Oversupply
3/17/2019 12:33	0:01	KS	0.036	0.869	Oversupply
3/17/2019 12:33	0:01	SMRR	0.023	0.659	Oversupply
3/17/2019 12:34	0:01	KS	0.036	0.500	Oversupply
3/17/2019 12:34	0:01	SMRR	0.023	0.564	Oversupply
3/17/2019 12:35	0:01	SMRR	0.023	0.297	Oversupply
3/17/2019 12:35	0:01	KS	0.036	0.126	Oversupply
3/17/2019 12:35	0:02	SMRR	0.045	0.012	Oversupply
3/17/2019 12:35	0:01	KS	0.036	0.316	Oversupply
3/17/2019 12:36	0:02	KWP II	0.010	14.367	Oversupply
3/17/2019 12:36	0:02	KS	0.072	0.014	Oversupply
3/17/2019 12:37	0:01	SMRR	0.023	0.000	Oversupply
3/17/2019 12:38	0:01	SMRR	0.023	0.432	Oversupply



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3/17/2019 12:38	0:01	KS	0.036	-0.002	Oversupply
3/17/2019 12:38	0:01	SMRR	0.023	0.807	Oversupply
3/17/2019 12:39	0:01	KS	0.036	-0.002	Oversupply
3/17/2019 12:39	0:01	SMRR	0.022	1.537	Oversupply
3/17/2019 12:40	0:01	KS	0.036	-0.002	Oversupply
3/17/2019 12:41	0:01	KS	0.035	-0.002	Oversupply
3/17/2019 13:58	0:02	BS250	Data is not available	Data is not available	Oversupply
3/17/2019 14:02	0:10	BS250	Data is not available	Data is not available	Oversupply
3/17/2019 14:08	0:01	SMRR	0.000	2.784	Oversupply
3/17/2019 14:13	0:02	BS250	Data is not available	Data is not available	Oversupply
3/17/2019 14:23	0:03	BS250	Data is not available	Data is not available	Oversupply
3/17/2019 14:25	0:01	SMRR	0.001	2.774	Oversupply
3/17/2019 14:26	0:01	KS	0.002	2.534	Oversupply
3/17/2019 14:27	0:01	SMRR	0.001	2.647	Oversupply
3/17/2019 14:27	0:01	KS	0.002	2.882	Oversupply
3/17/2019 14:28	0:01	SMRR	0.001	2.104	Oversupply
3/17/2019 14:28	0:01	KS	0.002	2.496	Oversupply
3/17/2019 14:28	0:01	SMRR	0.001	2.311	Oversupply
3/17/2019 14:29	0:01	KS	0.002	2.167	Oversupply
3/17/2019 14:29	0:01	SMRR	0.005	2.103	Oversupply
3/17/2019 14:29	0:01	KS	0.007	2.220	Oversupply
3/17/2019 14:30	0:01	SMRR	0.006	1.325	Oversupply
3/17/2019 14:30	0:01	KS	0.008	1.653	Oversupply
3/17/2019 14:31	0:01	SMRR	0.006	1.163	Oversupply
3/17/2019 14:31	0:01	KS	0.008	1.190	Oversupply
3/17/2019 14:31	0:01	SMRR	0.006	1.274	Oversupply
3/17/2019 14:32	0:01	KS	0.008	1.190	Oversupply
3/17/2019 14:32	0:01	SMRR	0.006	1.360	Oversupply
3/17/2019 14:33	0:01	KS	0.008	1.614	Oversupply
3/17/2019 14:34	0:01	SMRR	0.006	0.857	Oversupply
3/17/2019 14:34	0:01	SMRR	0.006	1.759	Oversupply
3/17/2019 14:35	0:01	KS	0.008	1.846	Oversupply
3/17/2019 14:38	0:01	SMRR	0.006	2.752	Oversupply
3/17/2019 14:39	0:01	KS	0.008	2.544	Oversupply
3/17/2019 14:39	0:01	SMRR	0.006	2.322	Oversupply
3/17/2019 14:40	0:01	SMRR	0.006	2.570	Oversupply
3/17/2019 14:40	0:01	KS	0.008	2.756	Oversupply
3/17/2019 14:41	0:01	SMRR	0.006	2.397	Oversupply
3/17/2019 14:41	0:01	SMRR	0.006	2.156	Oversupply
3/17/2019 14:42	0:01	KS	0.008	1.841	Oversupply
3/17/2019 14:43	0:01	SMRR	0.006	2.509	Oversupply
3/17/2019 14:43	0:01	KS	0.008	2.751	Oversupply
3/17/2019 14:44	0:01	SMRR	0.006	2.463	Oversupply
3/17/2019 14:44	0:01	KS	0.008	2.470	Oversupply
3/17/2019 14:46	0:01	KS	0.007	2.791	Oversupply
3/17/2019 14:46	0:01	SMRR	0.004	2.242	Oversupply
3/17/2019 14:47	0:01	SMRR	0.004	1.586	Oversupply
3/17/2019 14:47	0:01	KS	0.007	2.224	Oversupply
3/17/2019 14:47	0:01	SMRR	0.004	1.609	Oversupply
3/17/2019 14:48	0:01	KS	0.007	1.423	Oversupply
3/17/2019 14:48	0:01	SMRR	0.004	1.924	Oversupply
3/17/2019 14:48	0:01	KS	0.007	2.168	Oversupply
3/17/2019 14:49	0:01	SMRR	0.004	1.566	Oversupply
3/17/2019 14:49	0:01	KS	0.007	1.736	Oversupply
3/17/2019 14:50	0:01	SMRR	0.004	1.113	Oversupply
3/17/2019 14:50	0:01	KS	0.007	1.392	Oversupply
3/17/2019 14:50	0:01	SMRR	0.004	1.576	Oversupply
3/17/2019 14:51	0:01	KS	0.007	1.595	Oversupply
3/17/2019 14:51	0:01	SMRR	0.004	2.240	Oversupply
3/17/2019 14:52	0:01	KS	0.007	2.402	Oversupply
3/17/2019 14:52	0:01	SMRR	0.004	2.524	Oversupply
3/17/2019 14:53	0:01	KS	0.007	2.716	Oversupply
3/17/2019 14:53	0:01	SMRR	0.004	2.471	Oversupply
3/17/2019 14:53	0:01	SMRR	0.004	2.300	Oversupply
3/17/2019 14:54	0:01	KS	0.007	2.677	Oversupply
3/17/2019 14:54	0:01	SMRR	0.004	2.094	Oversupply
3/17/2019 14:54	0:01	KS	0.007	2.143	Oversupply
3/17/2019 14:55	0:01	SMRR	0.004	2.456	Oversupply
3/17/2019 14:55	0:01	KS	0.007	2.636	Oversupply
3/17/2019 14:56	0:01	SMRR	0.004	2.486	Oversupply
3/18/2019 0:20	0:02	KWPPII	0.018	17.423	Oversupply
3/18/2019 0:25	0:10	KWPPII	0.244	18.318	Oversupply
3/18/2019 0:38	0:01	KWPPII	0.002	17.518	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/18/2019 0:46	0:03	KWPll	0.016	18.295	Oversupply
3/18/2019 0:51	0:36	KWPll	1.364	19.561	Oversupply
3/18/2019 9:30	0:01	SMRR	0.008	1.984	Oversupply
3/18/2019 9:31	0:01	KS	0.008	1.947	Oversupply
3/18/2019 9:31	0:01	SMRR	0.008	1.997	Oversupply
3/18/2019 9:32	0:01	KS	0.008	1.924	Oversupply
3/18/2019 9:35	0:01	SMRR	0.007	1.650	Oversupply
3/18/2019 9:36	0:01	KS	0.008	1.737	Oversupply
3/18/2019 9:36	0:01	SMRR	0.008	1.546	Oversupply
3/18/2019 9:36	0:01	KS	0.008	1.154	Oversupply
3/18/2019 9:37	0:11	BS250	Data is not available	Data is not available	Oversupply
3/18/2019 9:37	0:01	SMRR	0.008	1.582	Oversupply
3/18/2019 9:37	0:01	KS	0.008	1.162	Oversupply
3/18/2019 9:37	0:01	SMRR	0.008	1.291	Oversupply
3/18/2019 9:38	0:01	KS	0.008	1.288	Oversupply
3/18/2019 9:38	0:01	SMRR	0.007	1.268	Oversupply
3/18/2019 9:39	0:01	SMRR	0.008	0.890	Oversupply
3/18/2019 9:39	0:01	KS	0.008	0.798	Oversupply
3/18/2019 9:40	0:01	SMRR	0.008	0.295	Oversupply
3/18/2019 9:40	0:01	KS	0.008	0.795	Oversupply
3/18/2019 9:40	0:01	SMRR	0.008	0.372	Oversupply
3/18/2019 9:41	0:01	KS	0.008	0.435	Oversupply
3/18/2019 9:41	0:01	SMRR	0.008	0.628	Oversupply
3/18/2019 9:42	0:01	KS	0.008	0.795	Oversupply
3/18/2019 9:42	0:01	SMRR	0.008	0.284	Oversupply
3/18/2019 9:42	0:01	KS	0.008	0.398	Oversupply
3/18/2019 9:43	0:01	SMRR	0.008	0.013	Oversupply
3/18/2019 9:43	0:01	KS	0.008	0.027	Oversupply
3/18/2019 9:43	0:01	SMRR	0.007	0.206	Oversupply
3/18/2019 9:44	0:01	KS	0.013	0.651	Oversupply
3/18/2019 9:46	0:01	SMRR	0.010	0.324	Oversupply
3/18/2019 9:46	0:01	KS	0.019	2.085	Oversupply
3/18/2019 9:47	0:01	SMRR	0.010	0.402	Oversupply
3/18/2019 9:47	0:01	KS	0.020	1.276	Oversupply
3/18/2019 9:48	0:01	KS	0.020	0.644	Oversupply
3/18/2019 9:48	0:01	KS	0.020	1.570	Oversupply
3/18/2019 9:49	0:01	SMRR	0.010	0.687	Oversupply
3/18/2019 9:50	0:01	SMRR	0.010	0.382	Oversupply
3/18/2019 9:50	0:01	KS	0.020	1.049	Oversupply
3/18/2019 9:50	5:49	SMRR	15.354	0.029	Oversupply
3/18/2019 9:51	5:50	KWPll	82.442	20.388	Oversupply
3/18/2019 9:51	5:49	KS	15.483	0.112	Oversupply
3/18/2019 10:28	0:01	BS250	Data is not available	Data is not available	Oversupply
3/18/2019 10:34	0:03	AWE	0.063	12.900	Oversupply
3/18/2019 10:40	0:03	BS250	Data is not available	Data is not available	Oversupply
3/18/2019 10:40	1:35	AWE	6.107	16.400	Oversupply
3/18/2019 10:58	0:01	BS250	Data is not available	Data is not available	Oversupply
3/18/2019 11:08	0:07	BS250	Data is not available	Data is not available	Oversupply
3/18/2019 11:20	1:41	BS250	Data is not available	Data is not available	Oversupply
3/18/2019 12:16	1:09	AWE	3.316	15.300	Oversupply
3/18/2019 13:04	1:10	BS250	Data is not available	Data is not available	Oversupply
3/18/2019 13:26	0:04	AWE	0.087	13.900	Oversupply
3/18/2019 13:35	0:03	AWE	0.069	14.300	Oversupply
3/18/2019 13:39	0:02	AWE	0.017	13.200	Oversupply
3/18/2019 13:43	0:38	AWE	0.718	17.600	Oversupply
3/18/2019 14:15	0:01	BS250	Data is not available	Data is not available	Oversupply
3/18/2019 14:22	0:10	AWE	0.142	18.000	Oversupply
3/18/2019 14:34	0:01	AWE	0.007	16.800	Oversupply
3/18/2019 14:38	0:48	BS250	Data is not available	Data is not available	Oversupply
3/18/2019 15:27	0:01	BS250	Data is not available	Data is not available	Oversupply
3/18/2019 15:39	0:01	SMRR	0.026	0.141	Oversupply
3/18/2019 15:40	0:06	SMRR	0.186	0.021	Oversupply
3/18/2019 15:40	0:01	KS	0.036	0.581	Oversupply
3/18/2019 15:41	0:06	KS	0.211	0.005	Oversupply
3/18/2019 15:42	0:05	KWPll	0.045	20.367	Oversupply
3/18/2019 15:46	0:01	SMRR	0.015	-0.002	Oversupply
3/18/2019 15:47	0:01	SMRR	0.015	0.287	Oversupply
3/18/2019 15:47	0:01	KS	0.023	0.060	Oversupply
3/18/2019 15:48	0:01	SMRR	0.015	0.625	Oversupply
3/18/2019 15:48	0:01	KS	0.023	0.315	Oversupply
3/18/2019 15:49	0:01	SMRR	0.015	1.119	Oversupply
3/18/2019 15:49	0:01	KS	0.022	0.612	Oversupply
3/18/2019 15:49	0:01	SMRR	0.015	0.883	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/18/2019 15:50	0:01	KS	0.023	1.413	Oversupply
3/18/2019 15:50	0:01	SMRR	0.015	0.432	Oversupply
3/18/2019 15:51	0:01	KS	0.023	0.675	Oversupply
3/18/2019 15:51	0:01	SMRR	0.015	0.156	Oversupply
3/18/2019 15:52	0:01	KS	0.022	0.186	Oversupply
3/18/2019 15:52	0:01	SMRR	0.015	1.317	Oversupply
3/18/2019 15:52	0:01	KS	0.023	1.437	Oversupply
3/18/2019 15:52	0:01	SMRR	0.015	1.464	Oversupply
3/18/2019 15:53	0:01	SMRR	0.015	1.012	Oversupply
3/18/2019 15:53	0:01	KS	0.023	1.848	Oversupply
3/18/2019 15:54	0:01	SMRR	0.015	0.986	Oversupply
3/18/2019 15:54	0:01	KS	0.023	1.296	Oversupply
3/18/2019 15:55	0:01	SMRR	0.015	1.222	Oversupply
3/18/2019 15:55	0:01	KS	0.023	1.193	Oversupply
3/18/2019 15:56	0:01	SMRR	0.015	1.677	Oversupply
3/18/2019 15:56	0:01	KS	0.023	1.703	Oversupply
3/18/2019 15:56	0:01	SMRR	0.015	1.161	Oversupply
3/18/2019 15:57	0:01	KS	0.023	1.177	Oversupply
3/18/2019 15:57	0:01	SMRR	0.015	0.843	Oversupply
3/18/2019 15:58	0:01	KS	0.023	1.146	Oversupply
3/18/2019 15:58	0:01	SMRR	0.015	0.534	Oversupply
3/18/2019 15:58	0:01	KS	0.023	0.664	Oversupply
3/18/2019 15:59	0:01	SMRR	0.015	0.720	Oversupply
3/18/2019 15:59	0:01	KS	0.006	1.022	Oversupply
3/18/2019 15:59	0:01	SMRR	0.005	1.244	Oversupply
3/18/2019 16:00	0:01	KS	-0.001	1.787	Oversupply
3/18/2019 23:10	0:10	KWPPII	0.374	18.902	Oversupply
3/19/2019 0:00	0:01	KWPPII	0.007	18.402	Oversupply
3/19/2019 0:02	0:01	KWPPII	0.001	18.620	Oversupply
3/19/2019 0:11	0:03	KWPPII	0.038	18.324	Oversupply
3/19/2019 0:40	0:20	KWPPII	0.986	18.210	Oversupply
3/19/2019 1:09	2:05	KWPPII	23.082	18.747	Oversupply
3/19/2019 2:28	0:01	AWE	0.005	16.900	Oversupply
3/19/2019 2:38	0:28	AWE	0.781	21.000	Oversupply
3/19/2019 3:16	1:11	KWPPII	12.439	19.065	Oversupply
3/19/2019 3:50	0:02	AWE	0.010	13.400	Oversupply
3/19/2019 3:53	0:01	AWE	0.013	14.300	Oversupply
3/19/2019 4:51	1:10	KWPPII	8.380	18.785	Oversupply
3/19/2019 9:40	0:01	SMRR	0.002	2.044	Oversupply
3/19/2019 9:41	0:01	SMRR	0.002	1.727	Oversupply
3/19/2019 9:41	0:01	KS	-0.001	2.090	Oversupply
3/19/2019 9:42	0:01	SMRR	0.002	1.835	Oversupply
3/19/2019 9:42	0:01	KS	-0.001	1.619	Oversupply
3/19/2019 9:43	0:01	SMRR	0.002	2.069	Oversupply
3/19/2019 9:44	0:01	KS	-0.001	2.166	Oversupply
3/19/2019 9:44	0:01	SMRR	0.001	2.076	Oversupply
3/19/2019 9:45	0:01	KS	0.000	1.735	Oversupply
3/19/2019 9:45	0:01	SMRR	0.002	1.767	Oversupply
3/19/2019 9:45	0:01	KS	0.000	1.573	Oversupply
3/19/2019 9:45	0:01	SMRR	0.002	1.818	Oversupply
3/19/2019 9:46	0:01	SMRR	0.002	2.094	Oversupply
3/19/2019 9:46	0:01	KS	0.000	1.515	Oversupply
3/19/2019 9:47	0:01	SMRR	0.002	1.885	Oversupply
3/19/2019 9:47	0:01	KS	0.000	1.141	Oversupply
3/19/2019 9:48	0:01	SMRR	0.002	2.112	Oversupply
3/19/2019 9:48	0:01	KS	0.000	1.853	Oversupply
3/19/2019 9:49	0:01	KS	0.000	1.909	Oversupply
3/19/2019 9:53	0:01	SMRR	0.002	2.139	Oversupply
3/19/2019 11:08	0:01	KWPPII	0.000	0.029	Oversupply
3/20/2019 7:39	0:01	KWPPII	0.000	0.010	Oversupply
3/20/2019 11:43	0:01	SMRR	0.004	2.320	Oversupply
3/20/2019 11:44	0:01	KS	-0.002	2.134	Oversupply
3/20/2019 11:49	0:01	SMRR	0.009	2.385	Oversupply
3/20/2019 11:50	0:01	KS	0.004	2.597	Oversupply
3/20/2019 11:51	0:01	KS	0.004	2.579	Oversupply
3/20/2019 13:57	0:02	BS250	Data is not available	Data is not available	Oversupply
3/20/2019 14:00	0:21	BS250	Data is not available	Data is not available	Oversupply
3/20/2019 18:31	0:01	BS250	Data is not available	Data is not available	Oversupply
3/20/2019 18:34	0:01	BS250	Data is not available	Data is not available	Oversupply
3/21/2019 4:38	0:01	KWPPII	0.005	13.577	Oversupply
3/21/2019 4:40	0:01	KWPPII	0.005	14.214	Oversupply
3/21/2019 4:42	0:18	KWPPII	0.728	16.670	Oversupply
3/21/2019 5:01	0:02	KWPPII	0.011	16.199	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/21/2019 8:03	0:10	BS250	Data is not available	Data is not available	Oversupply
3/21/2019 8:16	0:14	BS250	Data is not available	Data is not available	Oversupply
3/21/2019 8:54	1:37	BS250	Data is not available	Data is not available	Oversupply
3/21/2019 8:57	0:01	SMRR	0.000	1.646	Oversupply
3/21/2019 8:58	0:01	KS	0.001	1.452	Oversupply
3/21/2019 8:58	0:01	SMRR	0.000	1.655	Oversupply
3/21/2019 8:59	0:01	KS	0.002	1.464	Oversupply
3/21/2019 8:59	0:01	SMRR	0.001	1.205	Oversupply
3/21/2019 9:00	0:01	SMRR	0.005	1.221	Oversupply
3/21/2019 9:00	0:01	KS	0.005	1.475	Oversupply
3/21/2019 9:01	0:01	SMRR	0.005	1.594	Oversupply
3/21/2019 9:01	0:01	KS	0.005	1.279	Oversupply
3/21/2019 9:01	0:01	SMRR	0.005	1.502	Oversupply
3/21/2019 9:02	0:01	KS	0.005	1.486	Oversupply
3/21/2019 9:02	0:01	SMRR	0.005	1.562	Oversupply
3/21/2019 9:02	0:01	KS	0.005	1.294	Oversupply
3/21/2019 9:03	0:01	SMRR	0.005	1.477	Oversupply
3/21/2019 9:03	0:01	KS	0.005	1.510	Oversupply
3/21/2019 9:04	0:01	SMRR	0.005	1.410	Oversupply
3/21/2019 9:10	0:01	SMRR	0.005	1.805	Oversupply
3/21/2019 9:10	0:01	KS	0.005	1.633	Oversupply
3/21/2019 9:10	0:01	SMRR	0.005	1.445	Oversupply
3/21/2019 9:11	0:01	KS	0.005	1.629	Oversupply
3/21/2019 9:11	0:01	SMRR	0.005	0.903	Oversupply
3/21/2019 9:12	0:01	KS	0.005	0.781	Oversupply
3/21/2019 9:12	0:01	SMRR	0.005	0.400	Oversupply
3/21/2019 9:13	0:01	KS	0.005	0.168	Oversupply
3/21/2019 9:13	0:02	SMRR	0.009	0.025	Oversupply
3/21/2019 9:14	0:01	KWPPII	0.004	18.833	Oversupply
3/21/2019 9:14	0:01	KS	0.005	0.020	Oversupply
3/21/2019 9:14	0:01	SMRR	0.010	0.248	Oversupply
3/21/2019 9:15	0:01	KS	0.018	0.088	Oversupply
3/21/2019 9:15	0:01	SMRR	0.014	0.247	Oversupply
3/21/2019 9:15	0:02	KS	0.037	0.233	Oversupply
3/21/2019 9:16	0:01	SMRR	0.014	0.121	Oversupply
3/21/2019 9:17	0:01	SMRR	0.014	0.860	Oversupply
3/21/2019 9:17	0:01	KS	0.018	0.431	Oversupply
3/21/2019 9:18	0:01	SMRR	0.014	1.874	Oversupply
3/21/2019 9:19	0:01	KS	0.018	0.572	Oversupply
3/21/2019 9:19	0:01	SMRR	0.014	1.877	Oversupply
3/21/2019 9:20	0:01	SMRR	0.014	1.744	Oversupply
3/21/2019 9:20	0:01	KS	0.018	0.750	Oversupply
3/21/2019 9:20	0:01	SMRR	0.014	1.883	Oversupply
3/21/2019 9:21	0:01	KS	0.018	1.023	Oversupply
3/21/2019 9:21	0:01	SMRR	0.014	1.607	Oversupply
3/21/2019 9:21	0:01	KS	0.018	1.309	Oversupply
3/21/2019 9:22	0:01	SMRR	0.014	0.954	Oversupply
3/21/2019 9:22	0:01	KS	0.018	1.787	Oversupply
3/21/2019 9:23	0:01	SMRR	0.014	0.811	Oversupply
3/21/2019 9:23	0:01	KS	0.018	0.854	Oversupply
3/21/2019 9:23	0:01	SMRR	0.014	0.860	Oversupply
3/21/2019 9:24	0:01	KS	0.018	0.855	Oversupply
3/21/2019 9:24	0:07	SMRR	0.154	0.309	Oversupply
3/21/2019 9:25	0:01	KS	0.018	0.500	Oversupply
3/21/2019 9:26	3:26	KWPPII	36.913	18.847	Oversupply
3/21/2019 9:26	0:06	KS	0.152	0.032	Oversupply
3/21/2019 9:31	3:20	SMRR	8.852	0.009	Oversupply
3/21/2019 9:32	3:21	KS	8.887	0.200	Oversupply
3/21/2019 10:32	0:04	BS250	Data is not available	Data is not available	Oversupply
3/21/2019 10:40	3:33	BS250	Data is not available	Data is not available	Oversupply
3/21/2019 10:41	0:01	AWE	0.005	0.300	Oversupply
3/21/2019 11:09	1:36	AWE	7.088	17.500	Oversupply
3/21/2019 12:47	0:01	AWE	0.013	14.900	Oversupply
3/21/2019 12:51	0:01	SMRR	0.036	0.104	Oversupply
3/21/2019 12:52	0:01	SMRR	0.035	0.482	Oversupply
3/21/2019 12:52	0:01	KS	0.040	0.472	Oversupply
3/21/2019 12:53	0:01	SMRR	0.036	0.727	Oversupply
3/21/2019 12:53	0:01	KS	0.039	0.748	Oversupply
3/21/2019 12:53	1:02	SMRR	2.904	0.375	Oversupply
3/21/2019 12:54	1:02	KWPPII	13.814	16.078	Oversupply
3/21/2019 12:54	1:02	KS	2.913	0.784	Oversupply
3/21/2019 13:02	0:02	AWE	0.023	11.900	Oversupply
3/21/2019 13:07	0:02	AWE	0.026	14.300	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/21/2019 13:11	0:14	AWE	0.564	16.200	Oversupply
3/21/2019 13:27	0:01	AWE	0.008	15.000	Oversupply
3/21/2019 13:29	0:05	AWE	0.179	16.000	Oversupply
3/21/2019 13:35	0:06	AWE	0.155	14.900	Oversupply
3/21/2019 13:45	0:04	AWE	0.036	15.300	Oversupply
3/21/2019 13:55	0:01	SMRR	0.033	0.310	Oversupply
3/21/2019 13:56	0:01	SMRR	0.033	1.220	Oversupply
3/21/2019 13:56	0:01	KS	0.038	0.541	Oversupply
3/21/2019 13:57	0:01	SMRR	0.033	1.744	Oversupply
3/21/2019 13:57	0:01	KS	0.038	1.280	Oversupply
3/21/2019 13:58	0:27	SMRR	1.159	1.416	Oversupply
3/21/2019 13:58	0:26	KS	1.178	1.872	Oversupply
3/21/2019 13:59	0:26	KWPPII	1.088	13.604	Oversupply
3/21/2019 14:15	0:08	BS250	Data is not available	Data is not available	Oversupply
3/21/2019 14:24	0:01	KS	0.037	0.011	Oversupply
3/21/2019 14:24	0:01	SMRR	0.029	0.296	Oversupply
3/21/2019 14:25	0:01	KS	0.037	0.250	Oversupply
3/21/2019 14:25	0:01	SMRR	0.029	0.697	Oversupply
3/21/2019 14:26	0:01	KS	0.035	0.616	Oversupply
3/21/2019 14:26	0:01	SMRR	0.029	0.571	Oversupply
3/21/2019 14:26	0:01	KS	0.037	1.492	Oversupply
3/21/2019 14:27	0:30	BS250	Data is not available	Data is not available	Oversupply
3/21/2019 14:27	0:01	SMRR	0.029	1.217	Oversupply
3/21/2019 14:27	0:01	KS	0.037	1.274	Oversupply
3/21/2019 14:27	0:01	SMRR	0.029	1.196	Oversupply
3/21/2019 14:28	0:01	KS	0.037	1.307	Oversupply
3/21/2019 14:28	0:01	SMRR	0.029	0.954	Oversupply
3/21/2019 14:29	0:01	SMRR	0.028	1.250	Oversupply
3/21/2019 14:29	0:01	KS	0.031	0.972	Oversupply
3/21/2019 14:30	0:01	SMRR	0.020	2.148	Oversupply
3/21/2019 14:30	0:01	KS	0.025	1.586	Oversupply
3/21/2019 14:30	0:01	SMRR	0.020	2.480	Oversupply
3/21/2019 14:31	0:01	KS	0.026	2.773	Oversupply
3/21/2019 14:31	0:01	SMRR	0.020	1.837	Oversupply
3/21/2019 14:32	0:01	KS	0.026	1.861	Oversupply
3/21/2019 14:32	0:01	SMRR	0.020	1.693	Oversupply
3/21/2019 14:32	0:01	KS	0.026	1.653	Oversupply
3/21/2019 14:33	0:01	SMRR	0.020	2.422	Oversupply
3/21/2019 14:33	0:01	KS	0.026	2.409	Oversupply
3/21/2019 14:34	0:02	SMRR	0.041	2.512	Oversupply
3/21/2019 14:34	0:01	KS	0.026	2.602	Oversupply
3/21/2019 14:35	0:01	KS	0.026	2.507	Oversupply
3/21/2019 14:35	0:01	SMRR	0.020	1.929	Oversupply
3/21/2019 14:36	0:01	SMRR	0.020	1.448	Oversupply
3/21/2019 14:36	0:01	KS	0.026	1.663	Oversupply
3/21/2019 14:37	0:01	SMRR	0.020	0.755	Oversupply
3/21/2019 14:37	0:01	KS	0.026	1.144	Oversupply
3/21/2019 14:37	0:05	SMRR	0.122	0.150	Oversupply
3/21/2019 14:38	0:01	KS	0.026	0.511	Oversupply
3/21/2019 14:39	0:10	KS	0.386	0.036	Oversupply
3/21/2019 14:39	0:30	KWPPII	0.913	13.060	Oversupply
3/21/2019 14:42	0:01	SMRR	0.020	0.028	Oversupply
3/21/2019 14:43	0:05	SMRR	0.190	0.002	Oversupply
3/21/2019 14:48	0:21	SMRR	0.796	0.026	Oversupply
3/21/2019 14:49	0:21	KS	0.964	0.010	Oversupply
3/21/2019 14:58	0:02	BS250	Data is not available	Data is not available	Oversupply
3/21/2019 15:09	0:02	SMRR	0.057	0.002	Oversupply
3/21/2019 15:10	0:01	KWPPII	0.004	13.075	Oversupply
3/21/2019 15:10	0:02	KS	0.079	0.003	Oversupply
3/21/2019 15:10	0:01	SMRR	0.028	0.140	Oversupply
3/21/2019 15:11	0:01	SMRR	0.029	0.523	Oversupply
3/21/2019 15:11	0:01	KS	0.039	0.465	Oversupply
3/21/2019 15:12	0:01	SMRR	0.029	0.617	Oversupply
3/21/2019 15:12	0:01	KS	0.039	0.546	Oversupply
3/21/2019 15:12	0:01	SMRR	0.029	0.613	Oversupply
3/21/2019 15:13	0:01	KS	0.039	0.706	Oversupply
3/21/2019 15:13	0:01	SMRR	0.029	0.294	Oversupply
3/21/2019 15:14	0:01	KS	0.031	0.474	Oversupply
3/21/2019 15:14	0:01	SMRR	0.022	0.663	Oversupply
3/21/2019 15:15	0:01	KS	0.011	0.679	Oversupply
3/21/2019 15:15	0:01	SMRR	0.005	1.485	Oversupply
3/21/2019 15:16	0:01	SMRR	0.005	1.917	Oversupply
3/21/2019 15:16	0:01	KS	0.011	1.140	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/21/2019 15:16	0:01	SMRR	0.005	1.729	Oversupply
3/21/2019 15:16	0:01	KS	0.011	1.389	Oversupply
3/21/2019 15:17	0:01	SMRR	0.005	1.482	Oversupply
3/21/2019 15:17	0:01	KS	0.011	1.610	Oversupply
3/21/2019 15:18	0:01	SMRR	0.005	1.753	Oversupply
3/21/2019 15:18	0:01	KS	0.011	2.322	Oversupply
3/21/2019 15:19	0:01	SMRR	0.005	1.701	Oversupply
3/21/2019 15:19	0:01	KS	0.011	1.761	Oversupply
3/21/2019 15:20	0:01	KS	0.011	2.478	Oversupply
3/21/2019 15:21	0:01	KS	0.011	2.808	Oversupply
3/21/2019 15:25	0:01	SMRR	0.005	2.202	Oversupply
3/21/2019 15:26	0:01	KS	0.011	2.781	Oversupply
3/21/2019 15:26	0:01	SMRR	0.005	1.783	Oversupply
3/21/2019 15:27	0:01	KS	0.011	1.542	Oversupply
3/21/2019 15:27	0:01	SMRR	0.006	0.649	Oversupply
3/21/2019 15:28	0:01	KS	0.011	0.456	Oversupply
3/21/2019 15:28	0:01	SMRR	0.005	0.356	Oversupply
3/21/2019 15:28	0:01	SMRR	0.005	1.504	Oversupply
3/21/2019 15:29	0:01	KS	0.011	0.681	Oversupply
3/21/2019 15:29	0:01	SMRR	0.003	2.019	Oversupply
3/21/2019 15:29	0:01	KS	0.004	2.148	Oversupply
3/21/2019 15:30	0:01	KS	0.000	2.450	Oversupply
3/21/2019 15:31	0:01	SMRR	0.001	2.147	Oversupply
3/21/2019 17:14	0:26	BS250	Data is not available	Data is not available	Oversupply
3/21/2019 22:48	0:09	KWP2	0.537	19.198	Oversupply
3/21/2019 23:01	0:14	KWP2	0.662	19.197	Oversupply
3/21/2019 23:40	1:35	KWP2	12.624	19.211	Oversupply
3/22/2019 1:16	0:06	KWP2	0.060	19.181	Oversupply
3/22/2019 1:24	3:33	KWP2	32.454	19.211	Oversupply
3/22/2019 3:25	0:04	AWE	0.063	15.400	Oversupply
3/22/2019 4:44	0:05	AWE	0.121	20.400	Oversupply
3/22/2019 4:59	0:11	KWP2	0.511	18.093	Oversupply
3/22/2019 5:12	0:29	KWP2	1.685	19.063	Oversupply
3/22/2019 5:42	0:03	KWP2	0.024	16.729	Oversupply
3/22/2019 5:47	0:01	KWP2	0.000	17.698	Oversupply
3/22/2019 7:57	0:26	SMRR	0.402	0.822	Oversupply
3/22/2019 7:58	0:26	KWP2	1.325	18.906	Oversupply
3/22/2019 7:58	0:27	KS	0.983	0.368	Oversupply
3/22/2019 8:23	0:01	SMRR	0.013	0.007	Oversupply
3/22/2019 8:24	0:01	SMRR	0.014	0.212	Oversupply
3/22/2019 8:24	0:01	KS	0.040	0.193	Oversupply
3/22/2019 8:25	0:01	SMRR	0.014	0.331	Oversupply
3/22/2019 8:25	0:01	KS	0.040	0.289	Oversupply
3/22/2019 8:25	0:02	SMRR	0.027	0.064	Oversupply
3/22/2019 8:26	0:02	KS	0.078	0.239	Oversupply
3/22/2019 8:27	0:01	KWP2	0.001	17.971	Oversupply
3/22/2019 8:27	0:01	SMRR	0.014	0.417	Oversupply
3/22/2019 8:28	0:01	KS	0.040	0.365	Oversupply
3/22/2019 8:28	0:01	SMRR	0.014	0.471	Oversupply
3/22/2019 8:29	0:01	SMRR	0.014	0.314	Oversupply
3/22/2019 8:29	0:01	KS	0.040	0.546	Oversupply
3/22/2019 8:29	0:01	SMRR	0.011	0.280	Oversupply
3/22/2019 8:29	0:01	KS	0.033	0.675	Oversupply
3/22/2019 8:30	0:01	SMRR	0.012	0.005	Oversupply
3/22/2019 8:30	0:01	KS	0.032	0.707	Oversupply
3/22/2019 8:31	0:01	SMRR	0.012	0.147	Oversupply
3/22/2019 8:31	0:01	KS	0.032	0.546	Oversupply
3/22/2019 8:32	0:01	SMRR	0.012	0.394	Oversupply
3/22/2019 8:32	0:01	KS	0.032	0.724	Oversupply
3/22/2019 8:32	0:01	SMRR	0.012	0.384	Oversupply
3/22/2019 8:33	0:01	KS	0.032	0.727	Oversupply
3/22/2019 8:33	0:01	SMRR	0.012	0.865	Oversupply
3/22/2019 8:34	0:01	KS	0.032	0.725	Oversupply
3/22/2019 8:34	0:01	SMRR	0.012	0.842	Oversupply
3/22/2019 8:35	0:01	SMRR	0.012	1.051	Oversupply
3/22/2019 8:35	0:01	KS	0.032	0.846	Oversupply
3/22/2019 8:35	0:01	SMRR	0.012	0.812	Oversupply
3/22/2019 8:36	0:01	KS	0.032	0.980	Oversupply
3/22/2019 8:36	0:01	SMRR	0.012	1.223	Oversupply
3/22/2019 8:36	0:01	KS	0.032	0.746	Oversupply
3/22/2019 8:37	0:01	SMRR	0.012	1.047	Oversupply
3/22/2019 8:37	0:01	KS	0.031	1.104	Oversupply
3/22/2019 8:38	0:01	SMRR	0.012	0.348	Oversupply



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3/22/2019 8:38	0:01	KS	0.032	1.087	Oversupply
3/22/2019 8:38	0:01	SMRR	0.012	0.350	Oversupply
3/22/2019 8:39	0:01	KS	0.032	1.120	Oversupply
3/22/2019 8:39	1:14	SMRR	2.186	0.018	Oversupply
3/22/2019 8:40	0:01	KS	0.032	1.066	Oversupply
3/22/2019 8:41	1:13	KWPPII	7.863	18.127	Oversupply
3/22/2019 8:41	1:13	KS	3.437	0.014	Oversupply
3/22/2019 9:38	0:01	AWE	0.001	19.700	Oversupply
3/22/2019 9:44	0:01	AWE	0.001	18.700	Oversupply
3/22/2019 9:46	0:01	AWE	0.002	18.800	Oversupply
3/22/2019 9:51	0:16	BS250	Data is not available	Data is not available	Oversupply
3/22/2019 9:53	0:01	SMRR	0.026	0.289	Oversupply
3/22/2019 9:54	0:01	KS	0.039	0.212	Oversupply
3/22/2019 9:54	0:01	SMRR	0.026	0.680	Oversupply
3/22/2019 9:55	0:01	KS	0.039	0.737	Oversupply
3/22/2019 9:55	0:18	SMRR	0.665	0.828	Oversupply
3/22/2019 9:56	0:18	KWPPII	1.768	12.931	Oversupply
3/22/2019 9:56	0:18	KS	0.856	0.738	Oversupply
3/22/2019 10:13	0:01	SMRR	0.029	-0.002	Oversupply
3/22/2019 10:13	0:21	SMRR	0.889	-0.002	Oversupply
3/22/2019 10:14	0:01	KS	0.040	0.453	Oversupply
3/22/2019 10:15	0:21	KS	0.990	-0.002	Oversupply
3/22/2019 10:16	1:58	KWPPII	8.151	13.707	Oversupply
3/22/2019 10:35	0:01	SMRR	0.033	0.122	Oversupply
3/22/2019 10:35	0:01	KS	0.041	0.053	Oversupply
3/22/2019 10:35	1:36	SMRR	3.790	-0.003	Oversupply
3/22/2019 10:36	0:46	KS	2.185	0.000	Oversupply
3/22/2019 11:13	0:02	BS250	Data is not available	Data is not available	Oversupply
3/22/2019 11:21	0:02	BS250	Data is not available	Data is not available	Oversupply
3/22/2019 11:25	0:01	BS250	Data is not available	Data is not available	Oversupply
3/22/2019 11:29	0:22	BS250	Data is not available	Data is not available	Oversupply
3/22/2019 11:34	0:34	KS	1.111	-0.001	Oversupply
3/22/2019 12:08	0:03	KS	0.165	0.006	Oversupply
3/22/2019 12:10	0:01	BS250	Data is not available	Data is not available	Oversupply
3/22/2019 12:11	0:01	KS	0.041	0.011	Oversupply
3/22/2019 12:12	0:01	SMRR	0.013	0.182	Oversupply
3/22/2019 12:12	0:03	KS	0.121	0.020	Oversupply
3/22/2019 12:12	0:01	SMRR	0.013	0.016	Oversupply
3/22/2019 12:13	0:01	SMRR	0.014	0.025	Oversupply
3/22/2019 12:14	0:01	SMRR	0.012	0.141	Oversupply
3/22/2019 12:15	0:01	KS	0.027	0.260	Oversupply
3/22/2019 12:15	0:01	SMRR	0.007	0.457	Oversupply
3/22/2019 12:16	0:01	KS	0.027	0.543	Oversupply
3/22/2019 12:16	0:01	SMRR	0.007	0.088	Oversupply
3/22/2019 12:16	0:01	SMRR	0.007	0.206	Oversupply
3/22/2019 12:16	0:01	KS	0.027	0.749	Oversupply
3/22/2019 12:17	0:01	SMRR	0.007	0.076	Oversupply
3/22/2019 12:17	0:01	KS	0.027	0.269	Oversupply
3/22/2019 12:18	0:02	SMRR	0.015	0.059	Oversupply
3/22/2019 12:18	0:01	KS	0.027	0.120	Oversupply
3/22/2019 12:19	0:01	KWPPII	0.010	13.490	Oversupply
3/22/2019 12:19	0:01	KS	0.027	0.018	Oversupply
3/22/2019 12:19	0:01	SMRR	0.007	-0.003	Oversupply
3/22/2019 12:20	0:02	BS250	Data is not available	Data is not available	Oversupply
3/22/2019 12:20	0:01	KS	0.027	0.004	Oversupply
3/22/2019 12:20	0:01	SMRR	0.007	-0.003	Oversupply
3/22/2019 12:21	0:01	KS	0.027	0.282	Oversupply
3/22/2019 12:21	0:01	SMRR	0.007	-0.003	Oversupply
3/22/2019 12:22	0:01	KS	0.027	0.956	Oversupply
3/22/2019 12:24	0:01	SMRR	0.007	0.163	Oversupply
3/22/2019 12:25	0:02	BS250	Data is not available	Data is not available	Oversupply
3/22/2019 12:25	0:01	SMRR	0.007	0.760	Oversupply
3/22/2019 12:26	0:01	KS	0.027	1.453	Oversupply
3/22/2019 12:27	0:01	KS	0.027	1.738	Oversupply
3/22/2019 12:28	1:01	BS250	Data is not available	Data is not available	Oversupply
3/22/2019 12:29	0:01	SMRR	0.004	0.954	Oversupply
3/22/2019 12:30	0:01	SMRR	0.006	0.662	Oversupply
3/22/2019 12:30	0:01	KS	0.022	2.328	Oversupply
3/22/2019 12:31	0:01	SMRR	0.006	0.165	Oversupply
3/22/2019 12:31	0:01	KS	0.022	1.403	Oversupply
3/22/2019 12:32	0:01	SMRR	0.006	0.582	Oversupply
3/22/2019 12:32	0:01	KS	0.022	0.426	Oversupply
3/22/2019 12:32	0:01	SMRR	0.006	0.771	Oversupply



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3/22/2019 12:33	0:01	KS	0.022	2.242	Oversupply
3/22/2019 12:33	0:01	SMRR	0.006	1.034	Oversupply
3/22/2019 12:34	0:01	KS	0.022	2.489	Oversupply
3/22/2019 12:34	0:01	SMRR	0.006	0.466	Oversupply
3/22/2019 12:35	0:01	KS	0.021	1.516	Oversupply
3/22/2019 12:35	0:01	SMRR	0.006	0.330	Oversupply
3/22/2019 12:35	0:01	KS	0.022	0.667	Oversupply
3/22/2019 12:35	0:01	SMRR	0.006	0.118	Oversupply
3/22/2019 12:36	0:01	SMRR	0.006	0.609	Oversupply
3/22/2019 12:36	0:01	KS	0.022	0.446	Oversupply
3/22/2019 12:37	0:01	SMRR	0.006	0.430	Oversupply
3/22/2019 12:37	0:01	KS	0.022	1.500	Oversupply
3/22/2019 12:38	0:01	SMRR	0.006	0.471	Oversupply
3/22/2019 12:38	0:01	KS	0.022	1.047	Oversupply
3/22/2019 12:39	0:01	SMRR	0.006	0.496	Oversupply
3/22/2019 12:39	0:01	KS	0.022	1.188	Oversupply
3/22/2019 12:39	0:01	SMRR	0.006	0.564	Oversupply
3/22/2019 12:40	0:01	KS	0.022	1.402	Oversupply
3/22/2019 12:40	0:01	SMRR	0.006	0.390	Oversupply
3/22/2019 12:41	0:01	KS	0.022	0.744	Oversupply
3/22/2019 12:41	0:01	SMRR	0.007	0.573	Oversupply
3/22/2019 12:41	0:01	KS	0.022	0.775	Oversupply
3/22/2019 12:42	0:01	SMRR	0.006	0.853	Oversupply
3/22/2019 12:42	0:01	KS	0.021	0.995	Oversupply
3/22/2019 12:43	0:01	KS	0.022	1.999	Oversupply
3/22/2019 12:43	0:01	SMRR	0.006	1.145	Oversupply
3/22/2019 12:44	0:01	KS	0.018	2.891	Oversupply
3/22/2019 12:45	0:01	SMRR	0.003	1.114	Oversupply
3/22/2019 12:46	0:01	SMRR	0.003	1.093	Oversupply
3/22/2019 12:46	0:01	KS	0.013	2.552	Oversupply
3/22/2019 12:46	0:01	SMRR	0.004	1.079	Oversupply
3/22/2019 12:47	0:01	KS	0.013	2.576	Oversupply
3/22/2019 12:47	0:01	SMRR	0.003	0.859	Oversupply
3/22/2019 12:47	0:01	KS	0.013	1.642	Oversupply
3/22/2019 12:48	0:01	SMRR	0.003	0.848	Oversupply
3/22/2019 12:48	0:01	KS	0.013	1.967	Oversupply
3/22/2019 12:49	0:01	SMRR	0.003	0.977	Oversupply
3/22/2019 12:49	0:01	KS	0.013	2.391	Oversupply
3/22/2019 12:50	0:01	SMRR	0.003	0.722	Oversupply
3/22/2019 12:50	0:01	KS	0.013	1.448	Oversupply
3/22/2019 12:50	0:01	SMRR	0.003	0.487	Oversupply
3/22/2019 12:51	0:01	KS	0.013	1.542	Oversupply
3/22/2019 12:51	0:01	SMRR	0.003	0.611	Oversupply
3/22/2019 12:52	0:01	KS	0.013	1.622	Oversupply
3/22/2019 12:52	0:01	SMRR	0.003	0.472	Oversupply
3/22/2019 12:53	0:01	SMRR	0.003	0.819	Oversupply
3/22/2019 12:53	0:02	KS	0.026	1.197	Oversupply
3/22/2019 12:53	0:01	SMRR	0.003	0.433	Oversupply
3/22/2019 12:54	0:01	SMRR	0.003	0.144	Oversupply
3/22/2019 12:54	0:01	KS	0.013	1.184	Oversupply
3/22/2019 12:55	0:01	SMRR	0.003	0.651	Oversupply
3/22/2019 12:55	0:01	KS	0.013	0.592	Oversupply
3/22/2019 12:56	0:01	SMRR	0.003	0.995	Oversupply
3/22/2019 12:56	0:01	KS	0.013	2.185	Oversupply
3/22/2019 12:56	0:01	SMRR	0.003	1.122	Oversupply
3/22/2019 12:57	0:01	KS	0.013	2.273	Oversupply
3/22/2019 12:57	0:01	SMRR	0.003	1.157	Oversupply
3/22/2019 12:58	0:01	KS	0.013	2.647	Oversupply
3/22/2019 12:58	0:01	SMRR	0.003	0.967	Oversupply
3/22/2019 12:59	0:01	KS	0.012	2.090	Oversupply
3/22/2019 13:31	0:01	BS250	Data is not available	Data is not available	Oversupply
3/22/2019 17:51	0:02	BS250	Data is not available	Data is not available	Oversupply
3/22/2019 17:54	0:02	BS250	Data is not available	Data is not available	Oversupply
3/23/2019 0:36	0:15	KWP2	0.762	19.198	Oversupply
3/23/2019 2:06	0:02	KWP2	0.015	18.909	Oversupply
3/23/2019 2:14	0:21	KWP2	1.893	19.209	Oversupply
3/23/2019 3:02	0:01	KWP2	0.003	18.653	Oversupply
3/23/2019 3:08	0:04	KWP2	0.065	18.237	Oversupply
3/23/2019 3:13	0:03	KWP2	0.051	18.252	Oversupply
3/23/2019 3:17	0:58	KWP2	5.424	18.429	Oversupply
3/23/2019 7:41	3:55	BS250	Data is not available	Data is not available	Oversupply
3/23/2019 8:26	0:01	SMRR	0.000	1.225	Oversupply
3/23/2019 8:27	0:01	KS	0.001	0.935	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/23/2019 8:27	0:01	SMRR	0.000	1.237	Oversupply
3/23/2019 8:27	0:01	KS	0.001	0.950	Oversupply
3/23/2019 8:29	0:01	SMRR	0.000	1.254	Oversupply
3/23/2019 8:29	0:01	KS	0.005	0.976	Oversupply
3/23/2019 8:29	0:01	SMRR	0.007	0.561	Oversupply
3/23/2019 8:30	0:01	KS	0.010	0.937	Oversupply
3/23/2019 8:30	0:01	SMRR	0.012	0.168	Oversupply
3/23/2019 8:31	0:01	SMRR	0.013	0.602	Oversupply
3/23/2019 8:31	0:01	KS	0.010	0.149	Oversupply
3/23/2019 8:32	0:01	SMRR	0.013	0.803	Oversupply
3/23/2019 8:32	0:01	KS	0.010	0.317	Oversupply
3/23/2019 8:32	0:01	SMRR	0.013	0.570	Oversupply
3/23/2019 8:33	0:01	KS	0.010	0.594	Oversupply
3/23/2019 8:33	0:01	SMRR	0.012	0.719	Oversupply
3/23/2019 8:33	0:01	KS	0.010	0.464	Oversupply
3/23/2019 8:34	0:01	SMRR	0.013	0.558	Oversupply
3/23/2019 8:34	0:01	KS	0.011	0.679	Oversupply
3/23/2019 8:35	0:02	SMRR	0.038	0.051	Oversupply
3/23/2019 8:35	0:05	KS	0.063	0.073	Oversupply
3/23/2019 8:36	0:02	KWPPII	0.021	18.756	Oversupply
3/23/2019 8:37	0:01	SMRR	0.013	-0.002	Oversupply
3/23/2019 8:38	0:01	SMRR	0.013	-0.002	Oversupply
3/23/2019 8:38	0:01	SMRR	0.013	-0.002	Oversupply
3/23/2019 8:39	0:01	KWPPII	0.007	18.652	Oversupply
3/23/2019 8:39	0:01	SMRR	0.013	-0.002	Oversupply
3/23/2019 8:40	0:01	SMRR	0.013	-0.002	Oversupply
3/23/2019 8:41	0:01	KS	0.010	0.368	Oversupply
3/23/2019 8:41	0:01	SMRR	0.013	0.254	Oversupply
3/23/2019 8:42	0:01	KS	0.010	0.629	Oversupply
3/23/2019 8:43	0:01	KS	0.010	0.870	Oversupply
3/23/2019 8:46	0:01	SMRR	0.011	1.507	Oversupply
3/23/2019 8:47	0:01	SMRR	0.012	1.207	Oversupply
3/23/2019 8:47	0:01	KS	0.010	1.287	Oversupply
3/23/2019 8:48	0:01	SMRR	0.011	0.447	Oversupply
3/23/2019 8:48	0:01	KS	0.010	0.453	Oversupply
3/23/2019 8:48	0:01	SMRR	0.011	0.595	Oversupply
3/23/2019 8:49	0:01	KS	0.010	0.567	Oversupply
3/23/2019 8:49	0:01	SMRR	0.012	0.349	Oversupply
3/23/2019 8:50	0:01	KS	0.010	0.297	Oversupply
3/23/2019 8:50	0:01	SMRR	0.011	0.725	Oversupply
3/23/2019 8:51	0:01	KS	0.010	0.553	Oversupply
3/23/2019 8:51	0:01	SMRR	0.011	1.162	Oversupply
3/23/2019 8:51	0:01	SMRR	0.011	1.071	Oversupply
3/23/2019 8:52	0:01	KS	0.010	1.362	Oversupply
3/23/2019 8:52	0:01	SMRR	0.011	1.292	Oversupply
3/23/2019 8:52	0:01	KS	0.010	0.780	Oversupply
3/23/2019 8:53	0:01	SMRR	0.011	1.439	Oversupply
3/23/2019 8:53	0:01	KS	0.010	1.355	Oversupply
3/23/2019 8:54	0:01	SMRR	0.011	0.857	Oversupply
3/23/2019 8:54	0:01	KS	0.010	0.818	Oversupply
3/23/2019 8:55	0:01	SMRR	0.011	0.314	Oversupply
3/23/2019 8:55	0:01	KS	0.010	0.400	Oversupply
3/23/2019 8:55	2:44	SMRR	6.125	0.019	Oversupply
3/23/2019 8:56	2:45	KWPPII	22.414	18.201	Oversupply
3/23/2019 8:56	4:50	KS	12.423	0.015	Oversupply
3/23/2019 10:12	0:02	AWE	0.029	18.700	Oversupply
3/23/2019 10:15	0:20	AWE	0.463	19.400	Oversupply
3/23/2019 10:37	0:56	AWE	3.379	17.700	Oversupply
3/23/2019 11:39	0:01	SMRR	0.036	0.150	Oversupply
3/23/2019 11:40	0:01	SMRR	0.036	0.630	Oversupply
3/23/2019 11:41	0:18	SMRR	0.836	0.510	Oversupply
3/23/2019 11:42	0:18	KWPPII	2.636	14.532	Oversupply
3/23/2019 11:59	0:01	SMRR	0.037	-0.003	Oversupply
3/23/2019 11:59	0:01	SMRR	0.027	-0.003	Oversupply
3/23/2019 12:00	0:01	SMRR	0.026	0.160	Oversupply
3/23/2019 12:01	0:01	SMRR	0.025	0.397	Oversupply
3/23/2019 12:02	0:01	SMRR	0.025	0.653	Oversupply
3/23/2019 12:02	0:01	SMRR	0.025	0.897	Oversupply
3/23/2019 12:03	0:01	KWPPII	0.013	14.547	Oversupply
3/23/2019 12:03	0:01	SMRR	0.025	0.107	Oversupply
3/23/2019 12:04	0:01	SMRR	0.025	0.466	Oversupply
3/23/2019 12:05	0:01	SMRR	0.025	0.332	Oversupply
3/23/2019 12:05	0:01	SMRR	0.025	0.967	Oversupply
3/23/2019 12:06	0:01	SMRR	0.025	1.823	Oversupply
3/23/2019 12:07	0:01	SMRR	0.025	2.093	Oversupply
3/23/2019 12:08	0:01	SMRR	0.025	2.410	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/23/2019 12:08	0:01	SMRR	0.025	2.005	Oversupply
3/23/2019 12:09	0:01	SMRR	0.025	1.895	Oversupply
3/23/2019 12:10	0:01	SMRR	0.025	1.720	Oversupply
3/23/2019 12:11	0:01	SMRR	0.025	1.344	Oversupply
3/23/2019 12:12	0:01	SMRR	0.025	0.402	Oversupply
3/23/2019 12:12	0:02	SMRR	0.075	0.032	Oversupply
3/23/2019 12:13	0:03	KWPPII	0.022	13.714	Oversupply
3/23/2019 12:15	0:01	SMRR	0.020	-0.003	Oversupply
3/23/2019 12:15	0:01	SMRR	0.020	-0.003	Oversupply
3/23/2019 12:16	0:01	SMRR	0.020	-0.003	Oversupply
3/23/2019 12:17	0:01	SMRR	0.020	-0.003	Oversupply
3/23/2019 12:18	0:01	SMRR	0.020	-0.003	Oversupply
3/23/2019 12:18	0:01	SMRR	0.020	0.331	Oversupply
3/23/2019 12:19	0:01	SMRR	0.020	0.677	Oversupply
3/23/2019 12:20	0:01	SMRR	0.020	1.081	Oversupply
3/23/2019 12:21	0:01	SMRR	0.020	0.284	Oversupply
3/23/2019 12:21	0:01	SMRR	0.020	0.630	Oversupply
3/23/2019 12:22	0:01	SMRR	0.020	0.462	Oversupply
3/23/2019 12:23	0:01	SMRR	0.020	1.534	Oversupply
3/23/2019 12:24	0:01	SMRR	0.020	2.244	Oversupply
3/23/2019 12:27	0:13	BS250	Data is not available	Data is not available	Oversupply
3/23/2019 12:28	0:01	SMRR	0.020	2.793	Oversupply
3/23/2019 12:28	0:01	SMRR	0.020	2.474	Oversupply
3/23/2019 12:29	0:01	SMRR	0.017	2.378	Oversupply
3/23/2019 12:30	0:01	SMRR	0.013	2.074	Oversupply
3/23/2019 12:31	0:01	SMRR	0.013	2.479	Oversupply
3/23/2019 12:31	0:01	SMRR	0.013	1.853	Oversupply
3/23/2019 12:32	0:01	SMRR	0.013	1.405	Oversupply
3/23/2019 12:33	0:01	SMRR	0.013	0.992	Oversupply
3/23/2019 12:34	0:01	SMRR	0.013	0.794	Oversupply
3/23/2019 12:34	0:01	SMRR	0.013	1.618	Oversupply
3/23/2019 12:35	0:01	SMRR	0.013	1.589	Oversupply
3/23/2019 12:36	0:01	SMRR	0.013	1.590	Oversupply
3/23/2019 12:40	0:01	SMRR	0.013	2.755	Oversupply
3/23/2019 12:41	0:01	SMRR	0.013	2.165	Oversupply
3/23/2019 12:41	0:01	SMRR	0.013	1.655	Oversupply
3/23/2019 12:42	0:01	SMRR	0.013	1.534	Oversupply
3/23/2019 12:43	0:01	SMRR	0.013	1.425	Oversupply
3/23/2019 12:44	0:01	SMRR	0.013	1.547	Oversupply
3/23/2019 12:44	0:01	SMRR	0.011	1.665	Oversupply
3/23/2019 12:45	0:01	SMRR	0.008	2.321	Oversupply
3/23/2019 12:57	1:07	BS250	Data is not available	Data is not available	Oversupply
3/23/2019 12:57	0:01	SMRR	0.008	2.698	Oversupply
3/23/2019 12:58	0:01	SMRR	0.008	2.451	Oversupply
3/23/2019 12:59	0:01	SMRR	0.009	2.393	Oversupply
3/23/2019 13:00	0:01	SMRR	0.015	2.542	Oversupply
3/23/2019 13:00	0:01	SMRR	0.015	2.128	Oversupply
3/23/2019 13:01	0:01	SMRR	0.014	1.524	Oversupply
3/23/2019 13:02	0:01	SMRR	0.015	1.879	Oversupply
3/23/2019 13:03	0:01	SMRR	0.015	1.800	Oversupply
3/23/2019 13:03	0:01	SMRR	0.015	2.252	Oversupply
3/23/2019 13:04	0:01	SMRR	0.015	2.187	Oversupply
3/23/2019 13:06	0:01	SMRR	0.015	2.857	Oversupply
3/23/2019 13:07	0:01	SMRR	0.016	2.303	Oversupply
3/23/2019 13:07	0:01	SMRR	0.015	1.232	Oversupply
3/23/2019 13:08	0:01	SMRR	0.015	1.250	Oversupply
3/23/2019 13:09	0:01	SMRR	0.015	1.080	Oversupply
3/23/2019 13:10	0:01	SMRR	0.015	1.028	Oversupply
3/23/2019 13:10	0:01	SMRR	0.015	0.979	Oversupply
3/23/2019 13:11	0:01	SMRR	0.014	1.090	Oversupply
3/23/2019 13:12	0:01	SMRR	0.015	0.957	Oversupply
3/23/2019 13:13	0:01	SMRR	0.014	1.552	Oversupply
3/23/2019 13:13	0:01	SMRR	0.015	1.779	Oversupply
3/23/2019 13:14	0:01	SMRR	0.023	1.788	Oversupply
3/23/2019 13:15	0:01	SMRR	0.029	1.712	Oversupply
3/23/2019 13:16	0:01	SMRR	0.029	1.074	Oversupply
3/23/2019 13:17	0:01	SMRR	0.028	0.495	Oversupply
3/23/2019 13:17	0:01	SMRR	0.029	0.527	Oversupply
3/23/2019 13:18	0:01	SMRR	0.029	0.503	Oversupply
3/23/2019 13:19	0:01	SMRR	0.029	0.645	Oversupply
3/23/2019 13:20	0:01	SMRR	0.028	0.713	Oversupply
3/23/2019 13:20	0:01	SMRR	0.029	0.035	Oversupply
3/23/2019 13:21	0:01	SMRR	0.029	0.581	Oversupply
3/23/2019 13:22	0:01	SMRR	0.033	1.073	Oversupply
3/23/2019 13:23	0:01	SMRR	0.029	1.425	Oversupply
3/23/2019 13:23	0:01	SMRR	0.029	0.979	Oversupply
3/23/2019 13:24	0:01	SMRR	0.028	0.607	Oversupply
3/23/2019 13:25	0:01	SMRR	0.029	0.308	Oversupply
3/23/2019 13:26	0:01	SMRR	0.029	0.168	Oversupply
3/23/2019 13:27	0:18	SMRR	0.841	0.241	Oversupply
3/23/2019 13:28	0:18	KWPPII	0.935	14.316	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/23/2019 13:45	0:01	SMRR	0.006	-0.002	Oversupply
3/23/2019 13:46	0:01	SMRR	0.006	0.221	Oversupply
3/23/2019 13:46	0:01	KS	0.039	0.000	Oversupply
3/23/2019 13:46	0:01	SMRR	0.006	0.443	Oversupply
3/23/2019 13:47	0:01	KS	0.039	0.000	Oversupply
3/23/2019 13:47	0:01	SMRR	0.006	0.851	Oversupply
3/23/2019 13:48	0:01	KS	0.039	0.000	Oversupply
3/23/2019 13:48	0:01	SMRR	0.006	0.958	Oversupply
3/23/2019 13:55	0:01	SMRR	0.006	1.910	Oversupply
3/23/2019 13:56	0:01	SMRR	0.006	1.918	Oversupply
3/23/2019 13:57	0:01	SMRR	0.006	1.879	Oversupply
3/23/2019 13:59	0:01	SMRR	0.006	1.482	Oversupply
3/23/2019 14:00	0:01	SMRR	0.004	0.988	Oversupply
3/23/2019 14:00	0:01	SMRR	0.004	0.052	Oversupply
3/23/2019 14:01	0:01	KS	0.025	0.000	Oversupply
3/23/2019 14:01	0:01	SMRR	0.004	0.747	Oversupply
3/23/2019 14:02	0:01	KS	0.024	0.000	Oversupply
3/23/2019 14:02	0:01	SMRR	0.004	1.226	Oversupply
3/23/2019 14:02	0:01	KS	0.025	0.000	Oversupply
3/23/2019 14:05	0:01	BS250	Data is not available	Data is not available	Oversupply
3/23/2019 14:08	0:01	SMRR	0.004	1.619	Oversupply
3/23/2019 14:09	0:01	SMRR	0.004	1.125	Oversupply
3/23/2019 14:09	0:01	KS	0.025	0.000	Oversupply
3/23/2019 14:10	0:01	SMRR	0.004	1.028	Oversupply
3/23/2019 14:10	0:01	KS	0.025	0.000	Oversupply
3/23/2019 14:13	0:01	SMRR	0.004	1.349	Oversupply
3/23/2019 14:14	0:01	SMRR	0.004	1.276	Oversupply
3/23/2019 14:16	0:01	SMRR	0.000	1.121	Oversupply
3/23/2019 14:17	0:01	SMRR	0.000	1.012	Oversupply
3/23/2019 14:25	0:01	BS250	Data is not available	Data is not available	Oversupply
3/23/2019 14:31	0:01	BS250	Data is not available	Data is not available	Oversupply
3/23/2019 14:52	0:01	SMRR	0.004	1.190	Oversupply
3/23/2019 14:53	0:01	SMRR	0.004	1.149	Oversupply
3/23/2019 14:54	0:01	SMRR	0.004	1.129	Oversupply
3/23/2019 14:55	0:03	BS250	Data is not available	Data is not available	Oversupply
3/23/2019 14:55	0:01	SMRR	0.004	0.794	Oversupply
3/23/2019 14:56	0:01	SMRR	0.004	0.324	Oversupply
3/23/2019 14:59	0:01	SMRR	0.004	1.168	Oversupply
3/23/2019 14:59	0:01	SMRR	0.003	1.143	Oversupply
3/23/2019 16:01	0:01	SMRR	0.004	1.489	Oversupply
3/23/2019 17:15	0:01	BS250	Data is not available	Data is not available	Oversupply
3/23/2019 17:18	0:29	BS250	Data is not available	Data is not available	Oversupply
3/23/2019 17:48	0:01	BS250	Data is not available	Data is not available	Oversupply
3/23/2019 22:26	3:54	KWPPII	38.134	20.708	Oversupply
3/24/2019 3:12	0:12	KWPPII	0.355	20.491	Oversupply
3/24/2019 3:42	1:02	KWPPII	2.700	20.342	Oversupply
3/24/2019 4:45	0:03	KWPPII	0.030	18.531	Oversupply
3/24/2019 5:09	0:01	KWPPII	0.003	19.165	Oversupply
3/24/2019 5:25	0:01	KWPPII	0.010	20.138	Oversupply
3/24/2019 5:40	0:02	KWPPII	0.037	19.054	Oversupply
3/24/2019 7:04	0:04	BS250	Data is not available	Data is not available	Oversupply
3/24/2019 7:09	0:01	BS250	Data is not available	Data is not available	Oversupply
3/24/2019 7:50	0:12	BS250	Data is not available	Data is not available	Oversupply
3/24/2019 7:57	0:01	SMRR	0.000	0.672	Oversupply
3/24/2019 7:58	0:01	KS	0.000	0.523	Oversupply
3/24/2019 7:58	0:02	SMRR	0.001	0.671	Oversupply
3/24/2019 7:59	0:34	KWPPII	3.514	20.555	Oversupply
3/24/2019 7:59	0:01	KS	0.000	0.352	Oversupply
3/24/2019 8:00	0:01	KS	0.009	0.545	Oversupply
3/24/2019 8:00	0:01	SMRR	0.009	0.665	Oversupply
3/24/2019 8:01	0:30	SMRR	0.374	0.011	Oversupply
3/24/2019 8:01	0:01	KS	0.008	0.610	Oversupply
3/24/2019 8:02	0:29	KS	0.343	0.006	Oversupply
3/24/2019 8:19	0:39	BS250	Data is not available	Data is not available	Oversupply
3/24/2019 8:31	0:01	SMRR	0.005	0.012	Oversupply
3/24/2019 8:31	0:03	KS	0.022	0.079	Oversupply
3/24/2019 8:32	0:01	SMRR	0.005	0.154	Oversupply
3/24/2019 8:32	0:01	SMRR	0.005	0.126	Oversupply
3/24/2019 8:33	0:01	SMRR	0.005	0.005	Oversupply
3/24/2019 8:34	0:01	KWPPII	0.003	18.838	Oversupply
3/24/2019 8:34	0:01	SMRR	0.005	0.687	Oversupply
3/24/2019 8:35	0:01	SMRR	0.005	0.631	Oversupply
3/24/2019 8:35	0:01	KS	0.006	0.389	Oversupply
3/24/2019 8:36	0:01	SMRR	0.004	0.635	Oversupply
3/24/2019 8:36	0:01	KS	0.006	0.502	Oversupply
3/24/2019 8:37	0:02	KWPPII	0.027	18.575	Oversupply
3/24/2019 8:37	0:01	KS	0.006	0.646	Oversupply
3/24/2019 8:37	0:01	SMRR	0.004	0.757	Oversupply
3/24/2019 8:38	0:01	KS	0.006	0.711	Oversupply
3/24/2019 9:47	0:01	SMRR	0.020	1.834	Oversupply
3/24/2019 9:47	0:01	SMRR	0.020	1.603	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/24/2019 9:47	0:01	KS	0.016	1.399	Oversupply
3/24/2019 9:48	4:12	SMRR	8.783	0.478	Oversupply
3/24/2019 9:48	0:01	KS	0.016	0.654	Oversupply
3/24/2019 9:49	1:21	KWPPII	12.442	19.909	Oversupply
3/24/2019 9:49	4:11	KS	8.114	0.022	Oversupply
3/24/2019 11:11	0:04	KWPPII	0.058	15.179	Oversupply
3/24/2019 11:16	2:44	KWPPII	23.614	20.200	Oversupply
3/24/2019 14:00	0:01	SMRR	0.004	0.308	Oversupply
3/24/2019 14:00	0:01	KS	0.010	0.152	Oversupply
3/24/2019 14:00	0:01	SMRR	0.004	0.561	Oversupply
3/24/2019 14:01	0:01	SMRR	0.004	0.529	Oversupply
3/24/2019 14:01	0:01	KS	0.010	0.533	Oversupply
3/24/2019 14:02	0:01	SMRR	0.004	0.604	Oversupply
3/24/2019 14:02	0:01	KS	0.010	0.535	Oversupply
3/24/2019 14:03	0:01	SMRR	0.004	0.717	Oversupply
3/24/2019 14:03	0:01	KS	0.010	0.537	Oversupply
3/24/2019 14:04	0:01	SMRR	0.004	0.441	Oversupply
3/24/2019 14:04	0:01	KS	0.010	0.550	Oversupply
3/24/2019 14:04	0:01	SMRR	0.004	0.570	Oversupply
3/24/2019 14:05	0:01	KS	0.010	0.541	Oversupply
3/24/2019 14:06	0:01	KS	0.010	0.613	Oversupply
3/24/2019 14:11	0:01	KS	0.010	1.300	Oversupply
3/24/2019 14:11	0:01	SMRR	0.004	1.292	Oversupply
3/24/2019 14:12	0:01	KS	0.010	1.589	Oversupply
3/24/2019 14:12	0:01	SMRR	0.004	1.271	Oversupply
3/24/2019 14:12	0:01	KS	0.010	1.598	Oversupply
3/24/2019 14:13	0:01	SMRR	0.004	1.354	Oversupply
3/24/2019 14:13	0:01	KS	0.009	1.452	Oversupply
3/24/2019 14:20	0:01	SMRR	0.000	1.419	Oversupply
3/24/2019 14:21	0:01	SMRR	0.000	1.298	Oversupply
3/24/2019 14:21	0:01	KS	0.001	1.286	Oversupply
3/24/2019 14:22	0:01	SMRR	0.000	1.421	Oversupply
3/24/2019 14:22	0:01	KS	0.001	1.066	Oversupply
3/24/2019 14:23	0:01	SMRR	0.000	1.139	Oversupply
3/24/2019 14:23	0:01	KS	0.001	1.253	Oversupply
3/24/2019 14:24	0:01	KS	0.001	1.289	Oversupply
3/24/2019 14:37	0:01	SMRR	0.000	1.673	Oversupply
3/24/2019 14:38	0:01	KS	0.000	1.863	Oversupply
3/24/2019 14:38	0:01	SMRR	0.000	1.629	Oversupply
3/24/2019 14:38	0:01	KS	0.000	1.723	Oversupply
3/24/2019 14:39	0:01	SMRR	0.000	1.223	Oversupply
3/24/2019 14:39	0:01	KS	0.000	1.501	Oversupply
3/24/2019 14:39	0:01	SMRR	0.000	1.507	Oversupply
3/24/2019 14:40	0:01	SMRR	0.000	1.774	Oversupply
3/24/2019 14:40	0:01	KS	0.000	1.586	Oversupply
3/24/2019 19:09	0:11	KWPPII	1.020	19.323	Oversupply
3/24/2019 21:48	0:06	KWPPII	0.123	20.241	Oversupply
3/24/2019 22:34	0:12	KWPPII	0.702	18.962	Oversupply
3/24/2019 23:04	0:38	KWPPII	6.803	18.128	Oversupply
3/24/2019 23:25	0:06	AWE	0.086	21.000	Oversupply
3/25/2019 7:03	0:01	KWPPII	0.001	0.047	Oversupply
3/25/2019 7:23	0:04	BS250	Data is not available	Data is not available	Oversupply
3/25/2019 7:53	2:04	BS250	Data is not available	Data is not available	Oversupply
3/25/2019 9:58	1:09	BS250	Data is not available	Data is not available	Oversupply
3/25/2019 9:58	0:01	SMRR	0.002	2.302	Oversupply
3/25/2019 9:59	0:01	KS	-0.001	0.957	Oversupply
3/25/2019 9:59	0:01	SMRR	0.001	1.668	Oversupply
3/25/2019 10:00	0:01	KS	0.003	1.010	Oversupply
3/25/2019 10:00	0:01	SMRR	0.010	1.008	Oversupply
3/25/2019 10:00	0:01	KS	0.003	0.740	Oversupply
3/25/2019 10:00	0:01	SMRR	0.010	1.495	Oversupply
3/25/2019 10:01	0:01	SMRR	0.010	1.490	Oversupply
3/25/2019 10:01	0:01	KS	0.003	0.689	Oversupply
3/25/2019 10:02	0:01	SMRR	0.010	0.759	Oversupply
3/25/2019 10:02	0:01	KS	0.003	0.862	Oversupply
3/25/2019 10:03	0:01	SMRR	0.010	0.145	Oversupply
3/25/2019 10:03	0:01	KS	0.003	0.343	Oversupply
3/25/2019 10:04	0:01	SMRR	0.010	0.794	Oversupply
3/25/2019 10:04	0:01	KS	0.003	0.019	Oversupply
3/25/2019 10:04	0:01	SMRR	0.010	0.629	Oversupply
3/25/2019 10:05	0:01	KS	0.003	0.291	Oversupply
3/25/2019 10:05	0:01	SMRR	0.010	1.218	Oversupply
3/25/2019 10:06	0:01	KS	0.003	0.510	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/25/2019 10:06	0:01	KS	0.003	0.745	Oversupply
3/25/2019 11:09	2:15	BS250	Data is not available	Data is not available	Oversupply
3/25/2019 11:39	0:01	SMRR	0.003	2.654	Oversupply
3/25/2019 11:40	0:01	SMRR	0.003	1.790	Oversupply
3/25/2019 11:40	0:01	KS	-0.001	1.404	Oversupply
3/25/2019 11:41	0:01	SMRR	0.003	2.207	Oversupply
3/25/2019 11:41	0:01	KS	-0.001	1.424	Oversupply
3/25/2019 11:41	0:01	SMRR	0.003	2.759	Oversupply
3/25/2019 11:42	0:01	SMRR	0.003	2.492	Oversupply
3/25/2019 11:42	0:01	KS	-0.001	1.521	Oversupply
3/25/2019 11:45	0:01	KS	0.006	1.571	Oversupply
3/25/2019 11:46	0:01	SMRR	0.014	2.511	Oversupply
3/25/2019 11:47	0:01	SMRR	0.014	2.308	Oversupply
3/25/2019 11:47	0:01	KS	0.006	1.479	Oversupply
3/25/2019 11:47	0:02	SMRR	0.028	2.031	Oversupply
3/25/2019 11:49	0:01	KS	0.006	0.896	Oversupply
3/25/2019 11:49	0:01	SMRR	0.014	0.879	Oversupply
3/25/2019 11:49	0:01	KS	0.006	0.732	Oversupply
3/25/2019 11:50	0:01	SMRR	0.014	0.410	Oversupply
3/25/2019 11:50	0:01	KS	0.006	0.245	Oversupply
3/25/2019 11:50	0:01	SMRR	0.014	1.114	Oversupply
3/25/2019 11:51	0:01	KS	0.006	0.383	Oversupply
3/25/2019 11:54	0:01	SMRR	0.014	2.130	Oversupply
3/25/2019 11:55	0:01	KS	0.006	0.992	Oversupply
3/25/2019 11:55	0:02	SMRR	0.029	0.956	Oversupply
3/25/2019 11:55	0:01	KS	0.006	0.309	Oversupply
3/25/2019 11:56	0:02	KWP11	0.003	10.258	Oversupply
3/25/2019 11:56	0:01	KS	0.006	0.030	Oversupply
3/25/2019 11:57	0:01	SMRR	0.014	0.530	Oversupply
3/25/2019 11:57	0:01	KS	0.006	-0.001	Oversupply
3/25/2019 11:57	0:01	SMRR	0.014	0.943	Oversupply
3/25/2019 11:58	0:01	KS	0.006	-0.001	Oversupply
3/25/2019 11:58	0:01	SMRR	0.014	1.367	Oversupply
3/25/2019 11:59	0:01	KS	0.006	-0.001	Oversupply
3/25/2019 11:59	0:01	SMRR	0.013	1.986	Oversupply
3/25/2019 12:00	0:02	KS	0.007	-0.001	Oversupply
3/25/2019 12:02	0:01	SMRR	0.005	2.525	Oversupply
3/25/2019 12:03	0:01	SMRR	0.005	2.775	Oversupply
3/25/2019 12:04	0:01	SMRR	0.005	2.080	Oversupply
3/25/2019 12:05	0:01	KS	0.003	0.756	Oversupply
3/25/2019 12:05	0:01	SMRR	0.005	2.271	Oversupply
3/25/2019 12:06	0:01	SMRR	0.005	2.402	Oversupply
3/25/2019 12:06	0:01	KS	0.003	0.814	Oversupply
3/25/2019 12:07	0:01	KS	0.003	0.671	Oversupply
3/25/2019 12:07	0:01	SMRR	0.005	2.636	Oversupply
3/25/2019 12:09	0:01	KS	0.003	0.795	Oversupply
3/25/2019 12:10	0:01	SMRR	0.005	2.425	Oversupply
3/25/2019 12:10	0:01	SMRR	0.005	1.902	Oversupply
3/25/2019 12:11	0:01	KS	0.003	0.464	Oversupply
3/25/2019 12:14	0:01	SMRR	0.013	2.626	Oversupply
3/25/2019 12:14	0:01	KS	0.007	0.751	Oversupply
3/25/2019 12:15	0:01	SMRR	0.022	2.379	Oversupply
3/25/2019 12:15	0:01	KS	0.007	0.731	Oversupply
3/25/2019 12:16	0:01	SMRR	0.022	1.810	Oversupply
3/25/2019 12:16	0:01	KS	0.007	0.577	Oversupply
3/25/2019 12:16	0:01	SMRR	0.022	1.573	Oversupply
3/25/2019 12:17	0:01	KS	0.007	0.486	Oversupply
3/25/2019 12:17	0:01	SMRR	0.021	1.770	Oversupply
3/25/2019 12:18	0:01	KS	0.007	0.333	Oversupply
3/25/2019 12:18	0:01	SMRR	0.022	2.506	Oversupply
3/25/2019 12:19	0:01	KS	0.006	0.673	Oversupply
3/25/2019 12:21	0:01	SMRR	0.021	2.539	Oversupply
3/25/2019 12:22	0:01	SMRR	0.022	1.586	Oversupply
3/25/2019 12:22	0:01	KS	0.007	0.625	Oversupply
3/25/2019 12:23	0:24	SMRR	0.982	0.303	Oversupply
3/25/2019 12:23	0:23	KS	0.370	0.012	Oversupply
3/25/2019 12:24	0:23	KWP11	1.538	7.601	Oversupply
3/25/2019 12:37	0:03	AWE	0.027	20.600	Oversupply
3/25/2019 12:42	0:01	AWE	0.002	20.600	Oversupply
3/25/2019 12:46	0:01	SMRR	0.032	1.098	Oversupply
3/25/2019 12:46	0:01	KS	0.032	0.074	Oversupply
3/25/2019 12:47	0:01	SMRR	0.031	1.729	Oversupply
3/25/2019 12:47	0:01	KS	0.032	0.666	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/25/2019 12:48	0:01	SMRR	0.032	1.005	Oversupply
3/25/2019 12:48	0:01	KS	0.032	0.544	Oversupply
3/25/2019 12:48	0:10	SMRR	0.413	0.021	Oversupply
3/25/2019 12:49	0:10	KWPPII	0.804	8.472	Oversupply
3/25/2019 12:49	0:10	KS	0.384	0.012	Oversupply
3/25/2019 12:58	0:01	SMRR	0.032	0.121	Oversupply
3/25/2019 12:59	1:08	SMRR	3.109	0.350	Oversupply
3/25/2019 12:59	0:01	KS	0.033	0.238	Oversupply
3/25/2019 13:00	1:08	KS	2.439	0.012	Oversupply
3/25/2019 13:01	1:07	KWPPII	9.790	13.672	Oversupply
3/25/2019 13:30	0:06	AWE	0.155	20.200	Oversupply
3/25/2019 13:38	0:02	AWE	0.013	20.400	Oversupply
3/25/2019 13:42	0:05	AWE	0.054	20.100	Oversupply
3/25/2019 13:48	0:02	AWE	0.012	19.900	Oversupply
3/25/2019 13:51	0:01	BS250	Data is not available	Data is not available	Oversupply
3/25/2019 13:51	0:05	AWE	0.058	20.000	Oversupply
3/25/2019 14:01	0:01	BS250	Data is not available	Data is not available	Oversupply
3/25/2019 14:02	0:01	AWE	0.003	20.600	Oversupply
3/25/2019 14:07	0:44	BS250	Data is not available	Data is not available	Oversupply
3/25/2019 14:07	0:01	SMRR	0.024	0.165	Oversupply
3/25/2019 14:08	0:01	KS	0.036	0.213	Oversupply
3/25/2019 14:08	0:01	SMRR	0.025	0.962	Oversupply
3/25/2019 14:09	0:01	SMRR	0.025	1.411	Oversupply
3/25/2019 14:09	0:01	KS	0.036	1.223	Oversupply
3/25/2019 14:09	0:17	SMRR	0.625	0.998	Oversupply
3/25/2019 14:10	0:01	KS	0.036	1.421	Oversupply
3/25/2019 14:10	0:17	KWPPII	1.064	11.861	Oversupply
3/25/2019 14:10	0:16	KS	0.419	0.504	Oversupply
3/25/2019 14:26	0:01	SMRR	0.030	0.221	Oversupply
3/25/2019 14:27	0:01	KS	0.017	0.050	Oversupply
3/25/2019 14:27	0:01	SMRR	0.030	0.188	Oversupply
3/25/2019 14:28	0:01	KS	0.017	0.264	Oversupply
3/25/2019 14:29	0:01	KS	0.017	0.296	Oversupply
3/25/2019 14:54	0:02	BS250	Data is not available	Data is not available	Oversupply
3/25/2019 15:49	0:01	SMRR	0.015	0.857	Oversupply
3/25/2019 15:49	0:01	KS	0.008	0.631	Oversupply
3/25/2019 15:49	0:01	SMRR	0.014	1.391	Oversupply
3/25/2019 15:50	0:01	KS	0.008	0.974	Oversupply
3/25/2019 15:50	0:05	SMRR	0.088	0.404	Oversupply
3/25/2019 15:51	0:01	KS	0.008	0.966	Oversupply
3/25/2019 15:52	0:56	KWPPII	5.769	20.677	Oversupply
3/25/2019 15:52	0:05	KS	0.046	0.031	Oversupply
3/25/2019 15:55	0:53	SMRR	0.680	0.007	Oversupply
3/25/2019 15:57	0:01	KS	0.008	-0.002	Oversupply
3/25/2019 15:58	0:51	KS	1.669	0.108	Oversupply
3/25/2019 16:49	0:01	KS	0.006	1.831	Oversupply
3/25/2019 17:22	0:11	BS250	Data is not available	Data is not available	Oversupply
3/25/2019 17:38	0:01	BS250	Data is not available	Data is not available	Oversupply
3/25/2019 17:45	0:37	BS250	Data is not available	Data is not available	Oversupply
3/25/2019 22:07	0:03	KWPPII	0.061	20.694	Oversupply
3/25/2019 22:11	0:01	KWPPII	0.007	20.683	Oversupply
3/25/2019 22:38	2:02	KWPPII	22.344	20.708	Oversupply
3/26/2019 0:28	0:08	AWE	0.240	18.200	Oversupply
3/26/2019 0:42	1:09	KWPPII	19.927	19.201	Oversupply
3/26/2019 1:05	0:40	AWE	1.437	17.600	Oversupply
3/26/2019 1:53	2:15	KWPPII	17.993	19.207	Oversupply
3/26/2019 2:48	0:01	AWE	0.003	0.200	Oversupply
3/26/2019 4:36	0:01	KWPPII	0.000	19.001	Oversupply
3/26/2019 4:53	0:43	KWPPII	2.735	19.207	Oversupply
3/26/2019 4:56	0:01	AWE	0.005	0.300	Oversupply
3/26/2019 5:40	0:01	KWPPII	0.003	19.207	Oversupply
3/26/2019 8:05	0:01	SMRR	0.008	0.899	Oversupply
3/26/2019 8:05	0:01	KS	0.006	0.413	Oversupply
3/26/2019 8:05	0:11	SMRR	0.120	0.006	Oversupply
3/26/2019 8:06	0:10	KS	0.065	0.547	Oversupply
3/26/2019 8:07	0:11	KWPPII	0.786	20.545	Oversupply
3/26/2019 8:17	0:01	KS	0.006	0.096	Oversupply
3/26/2019 8:17	0:01	SMRR	0.007	0.349	Oversupply
3/26/2019 8:17	0:01	KS	0.006	0.056	Oversupply
3/26/2019 8:18	0:01	SMRR	0.007	0.757	Oversupply
3/26/2019 8:19	0:01	KS	0.006	0.807	Oversupply
3/26/2019 8:20	0:01	SMRR	0.007	1.096	Oversupply
3/26/2019 8:21	0:01	SMRR	0.007	0.772	Oversupply



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3/26/2019 8:21	0:01	KS	0.006	0.835	Oversupply
3/26/2019 8:21	0:01	SMRR	0.007	0.007	Oversupply
3/26/2019 8:22	0:01	KS	0.006	0.637	Oversupply
3/26/2019 8:22	0:01	SMRR	0.007	0.006	Oversupply
3/26/2019 8:23	0:01	KWPPI	0.003	20.032	Oversupply
3/26/2019 8:23	0:01	KS	0.006	0.039	Oversupply
3/26/2019 8:23	0:01	SMRR	0.007	0.446	Oversupply
3/26/2019 8:23	0:01	KS	0.006	0.059	Oversupply
3/26/2019 8:24	0:01	KS	0.006	0.881	Oversupply
3/26/2019 8:28	0:01	SMRR	0.007	1.082	Oversupply
3/26/2019 8:28	0:37	SMRR	0.763	0.035	Oversupply
3/26/2019 8:29	0:01	KS	0.006	0.956	Oversupply
3/26/2019 8:29	0:37	KS	0.703	0.015	Oversupply
3/26/2019 8:30	0:37	KWPPI	3.211	20.413	Oversupply
3/26/2019 9:06	0:01	SMRR	0.010	0.567	Oversupply
3/26/2019 9:07	0:01	KS	0.009	0.971	Oversupply
3/26/2019 9:13	0:01	SMRR	0.010	1.752	Oversupply
3/26/2019 9:14	0:01	SMRR	0.014	1.544	Oversupply
3/26/2019 9:14	0:01	KS	0.011	0.703	Oversupply
3/26/2019 9:15	0:01	SMRR	0.020	1.340	Oversupply
3/26/2019 9:15	0:01	KS	0.017	0.705	Oversupply
3/26/2019 9:16	0:01	SMRR	0.020	1.268	Oversupply
3/26/2019 9:16	0:01	KS	0.017	0.499	Oversupply
3/26/2019 9:16	0:01	SMRR	0.020	0.707	Oversupply
3/26/2019 9:17	0:01	KS	0.017	0.331	Oversupply
3/26/2019 9:17	0:01	SMRR	0.020	1.334	Oversupply
3/26/2019 9:18	0:01	KS	0.017	0.606	Oversupply
3/26/2019 9:18	0:01	SMRR	0.020	0.839	Oversupply
3/26/2019 9:19	0:01	SMRR	0.020	0.674	Oversupply
3/26/2019 9:19	0:01	KS	0.017	0.440	Oversupply
3/26/2019 9:19	0:01	SMRR	0.020	0.411	Oversupply
3/26/2019 9:20	0:01	KS	0.017	0.664	Oversupply
3/26/2019 9:20	3:12	SMRR	8.289	0.029	Oversupply
3/26/2019 9:20	0:01	KS	0.017	0.462	Oversupply
3/26/2019 9:21	3:13	KS	4.515	0.018	Oversupply
3/26/2019 9:22	3:12	KWPPI	21.828	20.039	Oversupply
3/26/2019 10:37	0:03	AWE	0.053	15.600	Oversupply
3/26/2019 10:42	0:04	AWE	0.039	15.000	Oversupply
3/26/2019 10:47	0:03	AWE	0.033	14.600	Oversupply
3/26/2019 10:52	0:07	AWE	0.165	15.800	Oversupply
3/26/2019 11:02	0:03	AWE	0.080	16.100	Oversupply
3/26/2019 11:11	0:11	AWE	0.358	15.800	Oversupply
3/26/2019 11:23	0:10	AWE	0.213	15.600	Oversupply
3/26/2019 11:34	0:05	AWE	0.140	15.700	Oversupply
3/26/2019 11:40	0:02	AWE	0.015	15.900	Oversupply
3/26/2019 11:43	0:01	AWE	0.003	15.500	Oversupply
3/26/2019 11:49	0:03	AWE	0.046	15.600	Oversupply
3/26/2019 11:55	0:09	AWE	0.199	15.500	Oversupply
3/26/2019 12:05	0:02	AWE	0.005	15.100	Oversupply
3/26/2019 12:09	0:04	AWE	0.043	16.600	Oversupply
3/26/2019 12:14	0:04	AWE	0.033	16.400	Oversupply
3/26/2019 12:20	0:02	AWE	0.032	16.600	Oversupply
3/26/2019 12:24	0:01	AWE	0.007	15.700	Oversupply
3/26/2019 12:33	0:01	SMRR	0.030	0.035	Oversupply
3/26/2019 12:33	0:01	SMRR	0.030	0.682	Oversupply
3/26/2019 12:34	0:01	KS	0.032	0.045	Oversupply
3/26/2019 12:34	0:01	SMRR	0.029	1.043	Oversupply
3/26/2019 12:35	0:01	KS	0.032	0.288	Oversupply
3/26/2019 12:35	0:05	SMRR	0.178	1.345	Oversupply
3/26/2019 12:36	0:05	KWPPI	0.153	6.173	Oversupply
3/26/2019 12:36	0:01	KS	0.032	0.498	Oversupply
3/26/2019 12:37	0:04	KS	0.159	0.634	Oversupply
3/26/2019 12:40	0:01	SMRR	0.030	0.248	Oversupply
3/26/2019 12:40	0:01	SMRR	0.029	0.647	Oversupply
3/26/2019 12:41	0:01	KS	0.031	-0.002	Oversupply
3/26/2019 12:41	0:01	SMRR	0.030	1.050	Oversupply
3/26/2019 12:42	0:01	KS	0.032	-0.002	Oversupply
3/26/2019 12:44	0:01	SMRR	0.025	1.798	Oversupply
3/26/2019 12:45	0:01	SMRR	0.020	2.463	Oversupply
3/26/2019 12:45	0:01	KS	0.021	0.563	Oversupply
3/26/2019 12:46	0:01	SMRR	0.021	1.764	Oversupply
3/26/2019 12:46	0:01	KS	0.022	0.979	Oversupply
3/26/2019 12:46	0:01	SMRR	0.020	1.624	Oversupply



Maui Curtailment Report

March 2019

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/26/2019 12:47	0:01	KS	0.022	0.526	Oversupply
3/26/2019 12:47	0:01	SMRR	0.021	1.570	Oversupply
3/26/2019 12:48	0:01	KS	0.022	0.629	Oversupply
3/26/2019 12:48	0:01	SMRR	0.020	0.805	Oversupply
3/26/2019 12:49	0:01	KS	0.022	0.447	Oversupply
3/26/2019 12:49	0:01	SMRR	0.020	0.620	Oversupply
3/26/2019 12:49	0:01	KS	0.022	0.260	Oversupply
3/26/2019 12:50	0:01	SMRR	0.020	1.034	Oversupply
3/26/2019 12:50	0:01	SMRR	0.020	2.050	Oversupply
3/26/2019 12:50	0:01	KS	0.022	0.468	Oversupply
3/26/2019 12:51	0:01	SMRR	0.020	2.117	Oversupply
3/26/2019 12:51	0:01	KS	0.022	0.953	Oversupply
3/26/2019 12:52	0:01	SMRR	0.020	1.859	Oversupply
3/26/2019 12:52	0:01	KS	0.022	1.034	Oversupply
3/26/2019 12:53	0:01	SMRR	0.020	1.328	Oversupply
3/26/2019 12:53	0:01	KS	0.022	1.256	Oversupply
3/26/2019 12:53	0:01	SMRR	0.020	0.077	Oversupply
3/26/2019 12:54	0:01	KS	0.022	0.484	Oversupply
3/26/2019 12:54	0:01	SMRR	0.020	0.201	Oversupply
3/26/2019 12:55	0:01	KS	0.021	0.343	Oversupply
3/26/2019 12:55	0:01	SMRR	0.020	0.567	Oversupply
3/26/2019 12:55	0:01	KS	0.022	0.538	Oversupply
3/26/2019 12:56	0:01	SMRR	0.020	0.717	Oversupply
3/26/2019 12:56	0:01	KS	0.022	0.868	Oversupply
3/26/2019 12:56	0:01	SMRR	0.020	1.059	Oversupply
3/26/2019 12:57	0:01	SMRR	0.020	1.023	Oversupply
3/26/2019 12:57	0:01	KS	0.022	1.114	Oversupply
3/26/2019 12:58	0:01	SMRR	0.020	1.563	Oversupply
3/26/2019 12:58	0:01	KS	0.022	1.199	Oversupply
3/26/2019 12:59	0:01	SMRR	0.020	1.825	Oversupply
3/26/2019 12:59	0:01	KS	0.018	1.524	Oversupply
3/26/2019 12:59	0:01	SMRR	0.008	0.793	Oversupply
3/26/2019 13:00	0:01	KS	0.005	1.717	Oversupply
3/26/2019 13:00	0:01	SMRR	0.007	1.017	Oversupply
3/26/2019 13:01	0:01	KS	0.005	1.007	Oversupply
3/26/2019 13:01	0:01	SMRR	0.007	1.753	Oversupply
3/26/2019 13:02	0:01	KS	0.005	0.983	Oversupply
3/26/2019 13:02	0:01	SMRR	0.007	2.016	Oversupply
3/26/2019 13:02	0:01	KS	0.005	1.238	Oversupply
3/26/2019 13:02	0:01	SMRR	0.007	1.967	Oversupply
3/26/2019 13:03	0:01	SMRR	0.007	1.547	Oversupply
3/26/2019 13:03	0:01	KS	0.005	0.873	Oversupply
3/26/2019 13:04	0:01	SMRR	0.007	1.997	Oversupply
3/26/2019 13:04	0:01	KS	0.005	1.038	Oversupply
3/26/2019 13:05	0:01	KS	0.005	1.419	Oversupply
3/26/2019 13:06	0:01	SMRR	0.007	2.675	Oversupply
3/26/2019 13:06	0:01	SMRR	0.007	2.106	Oversupply
3/26/2019 13:07	0:01	KS	0.005	1.393	Oversupply
3/26/2019 13:07	0:01	SMRR	0.007	2.386	Oversupply
3/26/2019 13:08	0:01	KS	0.005	1.390	Oversupply
3/26/2019 13:18	0:01	SMRR	0.002	1.291	Oversupply
3/27/2019 10:58	0:01	KS	-0.001	2.841	Oversupply
3/27/2019 10:58	0:01	SMRR	0.003	2.192	Oversupply
3/27/2019 10:59	0:01	KS	-0.005	2.173	Oversupply
3/27/2019 10:59	0:01	SMRR	0.004	1.634	Oversupply
3/27/2019 11:00	0:01	SMRR	0.005	1.804	Oversupply
3/27/2019 11:00	0:01	KS	0.008	1.739	Oversupply
3/27/2019 11:01	0:01	SMRR	0.005	1.895	Oversupply
3/27/2019 11:01	0:01	KS	0.007	1.734	Oversupply
3/27/2019 11:01	0:01	SMRR	0.005	2.420	Oversupply
3/27/2019 11:02	0:01	KS	0.008	1.975	Oversupply
3/27/2019 11:02	0:01	SMRR	0.005	2.570	Oversupply
3/27/2019 11:02	0:01	KS	0.008	2.668	Oversupply
3/27/2019 11:03	0:01	SMRR	0.005	2.299	Oversupply
3/27/2019 11:03	0:01	KS	0.008	2.657	Oversupply
3/27/2019 11:04	0:01	SMRR	0.005	2.474	Oversupply
3/27/2019 11:04	0:01	KS	0.008	2.124	Oversupply
3/27/2019 11:04	0:01	SMRR	0.005	2.576	Oversupply
3/27/2019 11:05	0:01	KS	0.008	2.654	Oversupply
3/27/2019 11:05	0:01	SMRR	0.005	2.600	Oversupply
3/27/2019 11:06	0:01	KS	0.008	2.733	Oversupply
3/27/2019 11:06	0:01	SMRR	0.005	2.600	Oversupply
3/27/2019 11:07	0:01	SMRR	0.005	2.495	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
3/27/2019 11:07	0:01	KS	0.008	2.598	Oversupply
3/27/2019 11:07	0:01	SMRR	0.005	2.370	Oversupply
3/27/2019 11:08	0:01	KS	0.008	2.604	Oversupply
3/27/2019 11:08	0:01	SMRR	0.005	2.238	Oversupply
3/27/2019 11:09	0:01	KS	0.008	2.379	Oversupply
3/27/2019 11:09	0:01	SMRR	0.005	2.324	Oversupply
3/27/2019 11:09	0:01	KS	0.008	2.387	Oversupply
3/27/2019 11:10	0:01	SMRR	0.005	2.509	Oversupply
3/27/2019 11:10	0:01	KS	0.008	2.375	Oversupply
3/27/2019 11:11	0:01	SMRR	0.005	2.600	Oversupply
3/27/2019 11:11	0:01	KS	0.008	2.548	Oversupply
3/27/2019 11:11	0:01	SMRR	0.005	2.619	Oversupply
3/27/2019 11:12	0:01	KS	0.008	2.682	Oversupply
3/27/2019 11:12	0:01	SMRR	0.005	2.446	Oversupply
3/27/2019 11:13	0:01	SMRR	0.005	2.403	Oversupply
3/27/2019 11:13	0:01	KS	0.008	2.389	Oversupply
3/27/2019 11:14	0:01	SMRR	0.005	2.535	Oversupply
3/27/2019 11:14	0:01	KS	0.008	2.432	Oversupply
3/27/2019 11:14	0:01	SMRR	0.011	2.544	Oversupply
3/27/2019 11:15	0:01	KS	0.014	2.514	Oversupply
3/27/2019 11:15	0:01	SMRR	0.014	2.223	Oversupply
3/27/2019 11:15	0:01	KS	0.014	2.453	Oversupply
3/27/2019 11:16	0:01	SMRR	0.013	2.039	Oversupply
3/27/2019 11:16	0:01	KS	0.014	1.936	Oversupply
3/27/2019 11:17	0:01	SMRR	0.014	2.066	Oversupply
3/27/2019 11:17	0:01	KS	0.014	2.152	Oversupply
3/27/2019 11:17	0:01	SMRR	0.014	1.797	Oversupply
3/27/2019 11:18	0:01	KS	0.014	1.835	Oversupply
3/27/2019 11:18	0:01	SMRR	0.014	1.876	Oversupply
3/27/2019 11:19	0:01	KS	0.014	1.904	Oversupply
3/27/2019 11:19	0:01	SMRR	0.014	1.645	Oversupply
3/27/2019 11:20	0:01	SMRR	0.014	1.641	Oversupply
3/27/2019 11:20	0:01	KS	0.014	1.757	Oversupply
3/27/2019 11:20	0:01	SMRR	0.014	1.869	Oversupply
3/27/2019 11:21	0:01	KS	0.014	1.138	Oversupply
3/27/2019 11:21	0:01	SMRR	0.013	2.277	Oversupply
3/27/2019 11:21	0:01	KS	0.014	1.912	Oversupply
3/27/2019 11:22	0:01	SMRR	0.014	2.000	Oversupply
3/27/2019 11:22	0:01	KS	0.014	2.266	Oversupply
3/27/2019 11:23	0:01	SMRR	0.014	1.545	Oversupply
3/27/2019 11:23	0:01	KS	0.014	1.709	Oversupply
3/27/2019 11:24	0:01	SMRR	0.013	1.765	Oversupply
3/27/2019 11:24	0:01	KS	0.014	1.627	Oversupply
3/27/2019 11:24	0:01	SMRR	0.014	1.787	Oversupply
3/27/2019 11:25	0:01	KS	0.014	1.748	Oversupply
3/27/2019 11:25	0:01	SMRR	0.014	1.635	Oversupply
3/27/2019 11:26	0:01	KS	0.014	1.651	Oversupply
3/27/2019 11:26	0:01	SMRR	0.014	1.387	Oversupply
3/27/2019 11:27	0:01	SMRR	0.013	1.680	Oversupply
3/27/2019 11:27	0:01	KS	0.014	1.384	Oversupply
3/27/2019 11:27	0:01	SMRR	0.014	1.814	Oversupply
3/27/2019 11:28	0:01	KS	0.014	1.713	Oversupply
3/27/2019 11:28	0:01	SMRR	0.014	1.793	Oversupply
3/27/2019 11:28	0:01	KS	0.014	1.916	Oversupply
3/27/2019 11:29	0:01	SMRR	0.012	1.831	Oversupply
3/27/2019 11:29	0:01	KS	0.008	1.895	Oversupply
3/27/2019 11:30	0:01	SMRR	0.005	1.619	Oversupply
3/27/2019 11:30	0:01	KS	0.005	1.760	Oversupply
3/27/2019 11:30	0:01	SMRR	0.005	1.940	Oversupply
3/27/2019 11:31	0:01	KS	0.005	1.701	Oversupply
3/27/2019 11:31	0:01	SMRR	0.005	2.117	Oversupply
3/27/2019 11:32	0:01	KS	0.005	2.085	Oversupply
3/27/2019 11:32	0:01	SMRR	0.005	2.223	Oversupply
3/27/2019 11:33	0:01	SMRR	0.005	2.247	Oversupply
3/27/2019 11:33	0:01	KS	0.005	2.244	Oversupply
3/27/2019 11:33	0:02	SMRR	0.011	2.175	Oversupply
3/27/2019 11:34	0:01	KS	0.005	2.294	Oversupply
3/27/2019 11:34	0:01	KS	0.005	2.232	Oversupply
3/27/2019 11:35	0:01	SMRR	0.005	2.553	Oversupply
3/27/2019 11:35	0:01	KS	0.005	2.292	Oversupply
3/27/2019 11:36	0:01	KS	0.005	2.684	Oversupply
3/27/2019 12:56	0:01	KWP II	0.000	0.002	Oversupply
3/29/2019 13:00	0:01	KWP II	0.001	0.034	Oversupply



Maui Curtailment Report

March 2019

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWh	Peak MW Curtailed	Reasons for Curtailment
3/29/2019 13:39	0:01	KWP	0.001	0.064	Oversupply
3/29/2019 13:53	0:01	KWP	0.000	0.008	Oversupply
3/29/2019 14:08	0:01	AWE	0.002	0.100	Oversupply
3/29/2019 14:16	0:01	AWE	0.002	0.100	Oversupply
3/30/2019 9:30	0:01	KWP	0.000	0.013	Oversupply
3/31/2019 12:30	0:01	BS250	Data is not available	Data is not available	Oversupply
3/31/2019 13:08	0:11	BS250	Data is not available	Data is not available	Oversupply
3/31/2019 13:22	4:30	BS250	Data is not available	Data is not available	Oversupply
3/31/2019 13:36	0:01	SMRR	0.003	2.404	Oversupply
3/31/2019 13:36	0:01	SMRR	0.003	1.821	Oversupply
3/31/2019 13:37	0:01	KS	0.001	2.121	Oversupply
3/31/2019 13:37	0:01	SMRR	0.003	2.005	Oversupply
3/31/2019 13:38	0:01	KS	0.001	1.632	Oversupply
3/31/2019 13:39	0:01	KS	0.001	1.882	Oversupply
Total Estimated Curtailed MWh			2,828.730		

Notes:

- Curtailment for Kaheawa Wind Power ("KWP"), Makila Hydroelectric ("MH"), AAAAA Rent-A-Space Maui LTD ("5A"), Bioreal Solar, LLC ("BS"), Auwahi Wind Energy ("AWE"), Kaheawa Wind Power II ("KWPII") Bioreal Solar 250, LLC ("BS250"), Extra Spaces A ("ESA"), Extra Spaces B ("ESB"), South Maui Renewable Resources ("SMRR"), and Ku'ia Solar ("KS") may now be controlled by Maui Electric's Automatic Generation Control System ("AGC") or a Maui Electric operator-entered curtailment limit. The AGC curtailment control automatically calculates the amount of Maximum Allowable Variable Generation ("MAVG") that Maui Electric can accept into the Maui system, based on the system current available variable generation ("CAVG"), regulating reserve down requirement ("RRDR"), and available regulating reserve down ("ARRD"). Thus, the AGC MAVG - calculated is equal to CAVG less (RRDR less ARRD). Additionally, the AGC curtailment control allows the Maui Electric operator to enter an AGC MAVG value. The AGC curtailment control will employ the lesser of the AGC MAVG - calculated and AGC MAVG - entered values in the control logic.
- Curtailment signals sent to 5A, BS, BS250, ESA, ESB, SMRR, or KS during nighttime hours only are not recorded as curtailment events because no energy generation is possible during that time.
- The curtailment reasons have been modified to oversupply, system constraints, and facility requested, to provide continuity with HPUC Docket No. 2013-0141 Decoupling for HECO companies metrics.
- The data to calculate the Estimated Curtailed MWh and Peak MW Curtailed is not provided by 5A, BS, BS 250, ESA, ESB, and MH.
- The MH facility was offline for the entire month of February. No curtailment events recorded.
- The ESA facility was offline for the entire month of February. No curtailment events recorded.
- The ESB facility was offline for the entire month of February. No curtailment events recorded.
- The Estimated Curtailed MWh and Peak MW Curtailed are calculated with information provided by AWE, KWP, KWPII, KS and SMRR. Maui Electric does not make any representation as to its accuracy.



Lanai Curtailment Report

March 2019

Start Date and Time	Duration	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
3/1/2019 7:08	0:01	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 7:13	0:10	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 7:48	0:03	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 7:57	0:03	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 8:01	0:05	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 8:07	0:04	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 8:14	0:12	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 8:27	0:04	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 8:35	0:11	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 8:47	0:05	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 8:53	0:56	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 9:52	0:05	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 10:00	0:13	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 10:17	0:27	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 10:49	0:14	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 11:27	0:02	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 12:02	2:34	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 15:27	1:05	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 16:33	0:05	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 16:40	0:12	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 16:53	0:04	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 17:01	0:11	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 17:13	0:04	LSR	Data is not available	Data is not available	Oversupply
3/1/2019 17:21	0:04	LSR	Data is not available	Data is not available	Oversupply
3/2/2019 7:31	0:02	LSR	Data is not available	Data is not available	Oversupply
3/2/2019 7:44	0:06	LSR	Data is not available	Data is not available	Oversupply
3/2/2019 7:51	1:18	LSR	Data is not available	Data is not available	Oversupply
3/2/2019 9:12	0:55	LSR	Data is not available	Data is not available	Oversupply
3/2/2019 10:08	0:43	LSR	Data is not available	Data is not available	Oversupply
3/2/2019 10:52	0:55	LSR	Data is not available	Data is not available	Oversupply
3/2/2019 12:12	0:50	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 7:08	0:06	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 7:19	0:52	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 8:12	0:22	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 8:35	0:03	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 8:43	0:02	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 8:46	0:07	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 9:06	0:09	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 9:16	0:06	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 9:23	0:08	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 9:32	0:03	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 9:37	0:01	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 9:45	0:02	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 9:51	0:02	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 9:56	0:01	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 9:58	0:01	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 10:04	0:11	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 10:17	0:04	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 10:24	0:04	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 10:29	0:07	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 10:37	5:37	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 16:19	0:16	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 16:37	0:26	LSR	Data is not available	Data is not available	Oversupply
3/5/2019 17:16	0:02	LSR	Data is not available	Data is not available	Oversupply
3/6/2019 7:19	0:42	LSR	Data is not available	Data is not available	Oversupply
3/6/2019 9:14	0:09	LSR	Data is not available	Data is not available	Oversupply
3/6/2019 10:07	0:01	LSR	Data is not available	Data is not available	Oversupply
3/6/2019 10:09	0:35	LSR	Data is not available	Data is not available	Oversupply
3/6/2019 10:45	0:10	LSR	Data is not available	Data is not available	Oversupply
3/6/2019 11:57	0:02	LSR	Data is not available	Data is not available	Oversupply
3/6/2019 12:02	0:04	LSR	Data is not available	Data is not available	Oversupply
3/6/2019 12:07	0:01	LSR	Data is not available	Data is not available	Oversupply
3/6/2019 12:15	0:01	LSR	Data is not available	Data is not available	Oversupply
3/7/2019 11:47	0:01	LSR	Data is not available	Data is not available	Oversupply
3/7/2019 12:00	0:11	LSR	Data is not available	Data is not available	Oversupply
3/7/2019 12:12	0:04	LSR	Data is not available	Data is not available	Oversupply
3/7/2019 12:19	0:12	LSR	Data is not available	Data is not available	Oversupply
3/7/2019 12:32	0:01	LSR	Data is not available	Data is not available	Oversupply
3/7/2019 14:22	0:01	LSR	Data is not available	Data is not available	Oversupply
3/7/2019 14:25	0:05	LSR	Data is not available	Data is not available	Oversupply
3/7/2019 14:31	1:00	LSR	Data is not available	Data is not available	Oversupply
3/7/2019 15:37	0:06	LSR	Data is not available	Data is not available	Oversupply
3/7/2019 15:54	0:03	LSR	Data is not available	Data is not available	Oversupply
3/7/2019 16:04	0:02	LSR	Data is not available	Data is not available	Oversupply
3/7/2019 16:10	0:07	LSR	Data is not available	Data is not available	Oversupply
3/7/2019 16:22	0:07	LSR	Data is not available	Data is not available	Oversupply
3/8/2019 9:47	0:04	LSR	Data is not available	Data is not available	Oversupply
3/8/2019 9:55	0:11	LSR	Data is not available	Data is not available	Oversupply
3/8/2019 10:07	0:04	LSR	Data is not available	Data is not available	Oversupply



Lanai Curtailment Report

March 2019

Start Date and Time	Duration	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
3/23/2019 9:59	0:01	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 10:02	0:03	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 10:10	0:12	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 10:23	0:19	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 10:43	1:14	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 11:58	0:04	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 12:08	0:02	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 12:11	0:01	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 12:22	0:02	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 12:54	0:09	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 13:13	0:02	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 13:27	0:02	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 13:32	0:01	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 13:38	0:05	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 13:47	0:09	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 13:59	0:06	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 14:48	0:03	LSR	Data is not available	Data is not available	Oversupply
3/23/2019 14:56	0:07	LSR	Data is not available	Data is not available	Oversupply
3/24/2019 9:52	0:01	LSR	Data is not available	Data is not available	Oversupply
3/24/2019 10:13	0:06	LSR	Data is not available	Data is not available	Oversupply
3/24/2019 10:23	0:01	LSR	Data is not available	Data is not available	Oversupply
3/24/2019 11:30	0:10	LSR	Data is not available	Data is not available	Oversupply
3/24/2019 11:41	0:02	LSR	Data is not available	Data is not available	Oversupply
3/24/2019 12:42	0:01	LSR	Data is not available	Data is not available	Oversupply
3/24/2019 12:52	0:09	LSR	Data is not available	Data is not available	Oversupply
3/24/2019 13:02	0:04	LSR	Data is not available	Data is not available	Oversupply
3/24/2019 13:09	0:02	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 7:41	0:10	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 7:52	0:04	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 8:00	0:11	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 8:13	0:03	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 8:32	0:16	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 8:53	0:08	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 9:05	0:05	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 9:21	0:04	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 9:35	0:01	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 10:04	0:02	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 10:11	0:07	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 10:28	0:02	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 10:53	0:02	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 11:03	0:02	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 11:15	0:03	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 11:19	0:01	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 11:29	0:01	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 11:36	0:03	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 11:42	0:01	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 11:44	0:03	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 11:49	0:01	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 11:51	0:03	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 12:03	0:01	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 12:09	0:03	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 12:16	0:04	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 13:31	0:01	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 13:33	0:02	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 13:38	0:02	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 13:44	0:03	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 14:04	0:31	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 14:53	0:01	LSR	Data is not available	Data is not available	Oversupply
3/26/2019 15:32	0:01	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 6:48	0:31	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 8:27	0:03	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 8:38	0:08	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 8:47	0:04	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 8:54	0:02	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 8:57	0:03	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 9:08	0:03	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 9:20	0:05	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 9:35	0:02	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 9:54	0:09	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 10:05	0:02	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 10:08	0:05	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 10:16	0:11	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 10:28	0:04	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 10:36	0:11	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 10:48	0:01	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 10:56	0:11	LSR	Data is not available	Data is not available	Oversupply



Lanai Curtailment Report

March 2019

Start Date and Time	Duration	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
3/28/2019 11:08	0:04	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 11:16	0:03	LSR	Data is not available	Data is not available	Oversupply
3/28/2019 11:20	0:03	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 8:24	0:02	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 8:32	0:07	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 8:40	0:01	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 8:46	0:02	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 8:53	0:02	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 9:00	0:03	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 9:07	0:01	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 9:17	0:01	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 9:20	0:01	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 9:34	0:03	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 9:38	0:05	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 9:45	0:04	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 9:52	0:01	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 9:54	0:07	LSR	Data is not available	Data is not available	Oversupply
3/29/2019 10:05	0:02	LSR	Data is not available	Data is not available	Oversupply
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3/31/2019 7:48	0:09	LSR	Data is not available	Data is not available	Oversupply
3/31/2019 7:58	0:04	LSR	Data is not available	Data is not available	Oversupply
3/31/2019 8:05	0:12	LSR	Data is not available	Data is not available	Oversupply
3/31/2019 8:25	0:12	LSR	Data is not available	Data is not available	Oversupply
3/31/2019 8:38	0:04	LSR	Data is not available	Data is not available	Oversupply
3/31/2019 8:46	0:11	LSR	Data is not available	Data is not available	Oversupply
3/31/2019 8:58	0:04	LSR	Data is not available	Data is not available	Oversupply
3/31/2019 9:06	0:03	LSR	Data is not available	Data is not available	Oversupply

Notes:

On June 27, 2012, Maui Electric notified LSR that although LSR has not operated in compliance with the revised ramp rate of 360 kW/minute, Maui Electric would conditionally allow LSR to operate at the allowed capacity of 1.2 MW while the Maui Electric-Lanai Diesel Operator was in the control room.

LSR possible output data is not available. Therefore, Maui Electric assumes LSR is curtailed if the LSR curtailment set point is less than 1,200 kW and LSR's output is within 50 kW of the curtailment set point.

The curtailment reasons have been modified to oversupply, system constraints, and facility requested, to provide continuity with HPUC Docket No. 2013-0141 Decoupling for HECO companies metrics.

Hawai'i Electric Light Company Curtailment Report March 2019

Start Date/Time	MW output prior to start of curtailment	End Date/Time	MW output after curtailment released ¹	IPP	Reason for Curtailment
03/05/19 08:17	2.7 MW	03/05/19 08:24	2.5 MW	Pakini Nui Windfarm	System constraint
03/05/19 15:32	19.2 MW	03/05/19 16:06	18.6 MW	Pakini Nui Windfarm	System constraint
03/07/19 09:05	18.1 MW	03/07/19 10:41	17.5 MW	Pakini Nui Windfarm	Facility requested
03/10/19 09:34	17.3 MW	03/11/19 07:09	17.4 MW	Pakini Nui Windfarm	Facility requested
03/15/19 09:45	3.8 MW	03/15/19 17:32	0.2 MW	Hawi Renewable Dev	Facility requested

¹ The MW output values are taken soon after curtailment is released by Hawai'i Electric Light and may not reflect their full output depending on ramp rate for the facility. The wind farms generally return immediately to full available levels, whereas PGV and Wailuku may take longer to return to scheduled or full available output levels.

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