



May 23, 2019

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2019 MAY 23 P 3:13

The Honorable Chair and Members  
of the Hawai'i Public Utilities Commission  
Kekuanaoa 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'<sup>1</sup> monthly report for April 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](mailto: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

<sup>1</sup> 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 April 30, 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 April 30, 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 April. 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 April. 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 April. 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 April 30, 2019):

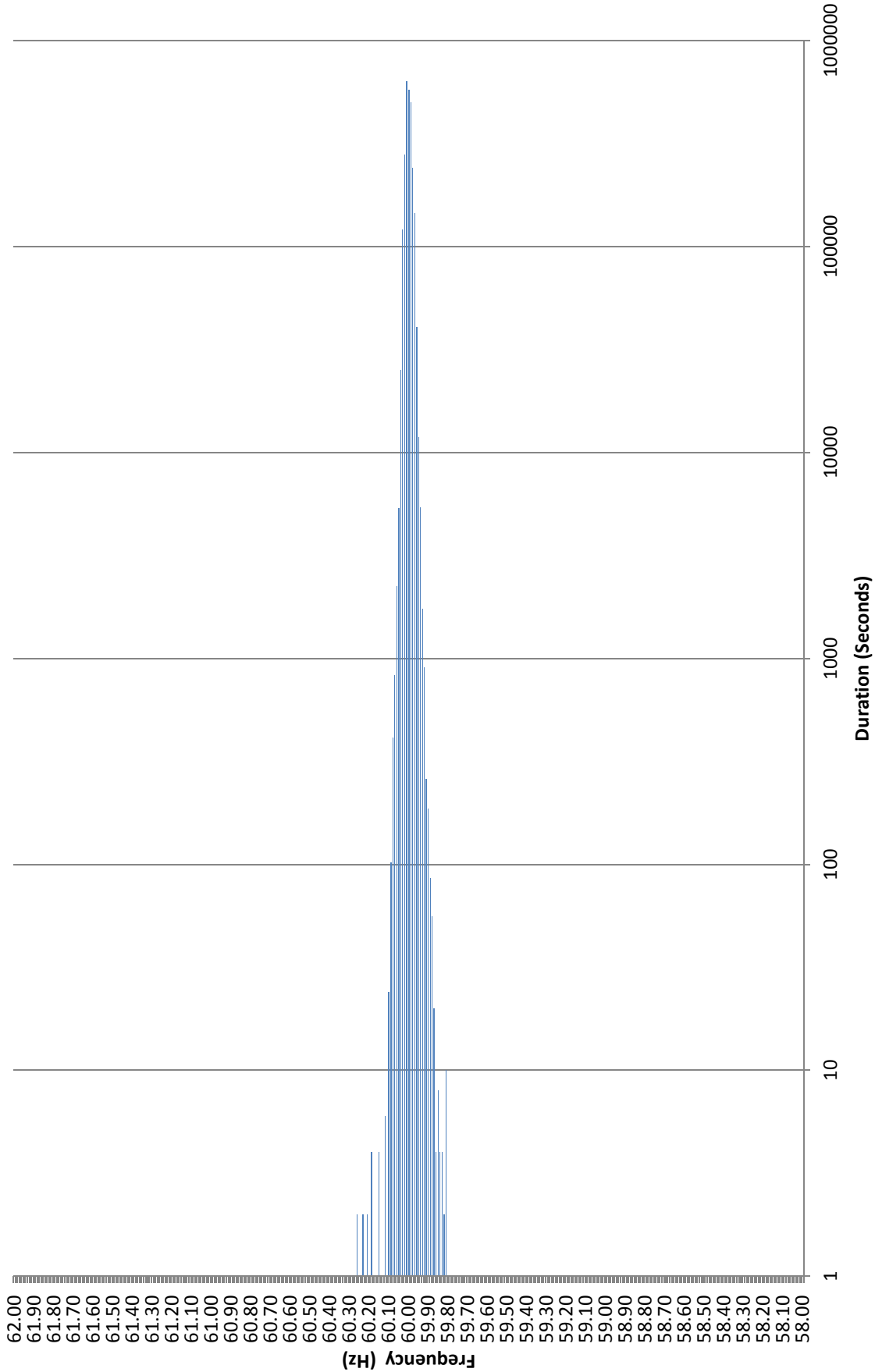
**3a) Tabulation of each curtailment event for each resource including the starting date and time, duration, megawatt hours curtailed, peak MW curtailed, and reason for curtailment:**

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

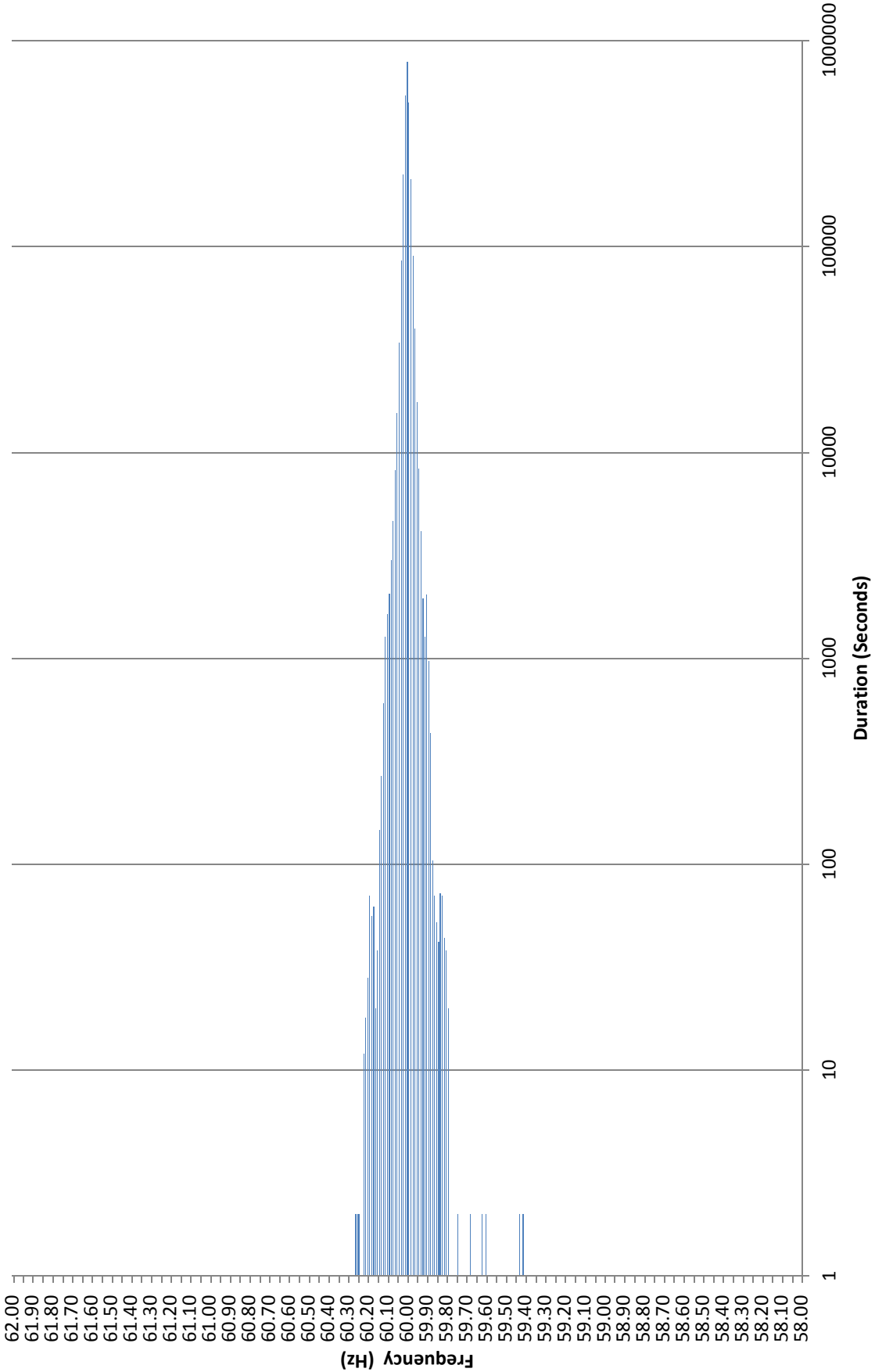
**3b) Total MWh of non-dispatchable renewable resources curtailed for the month:**

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.

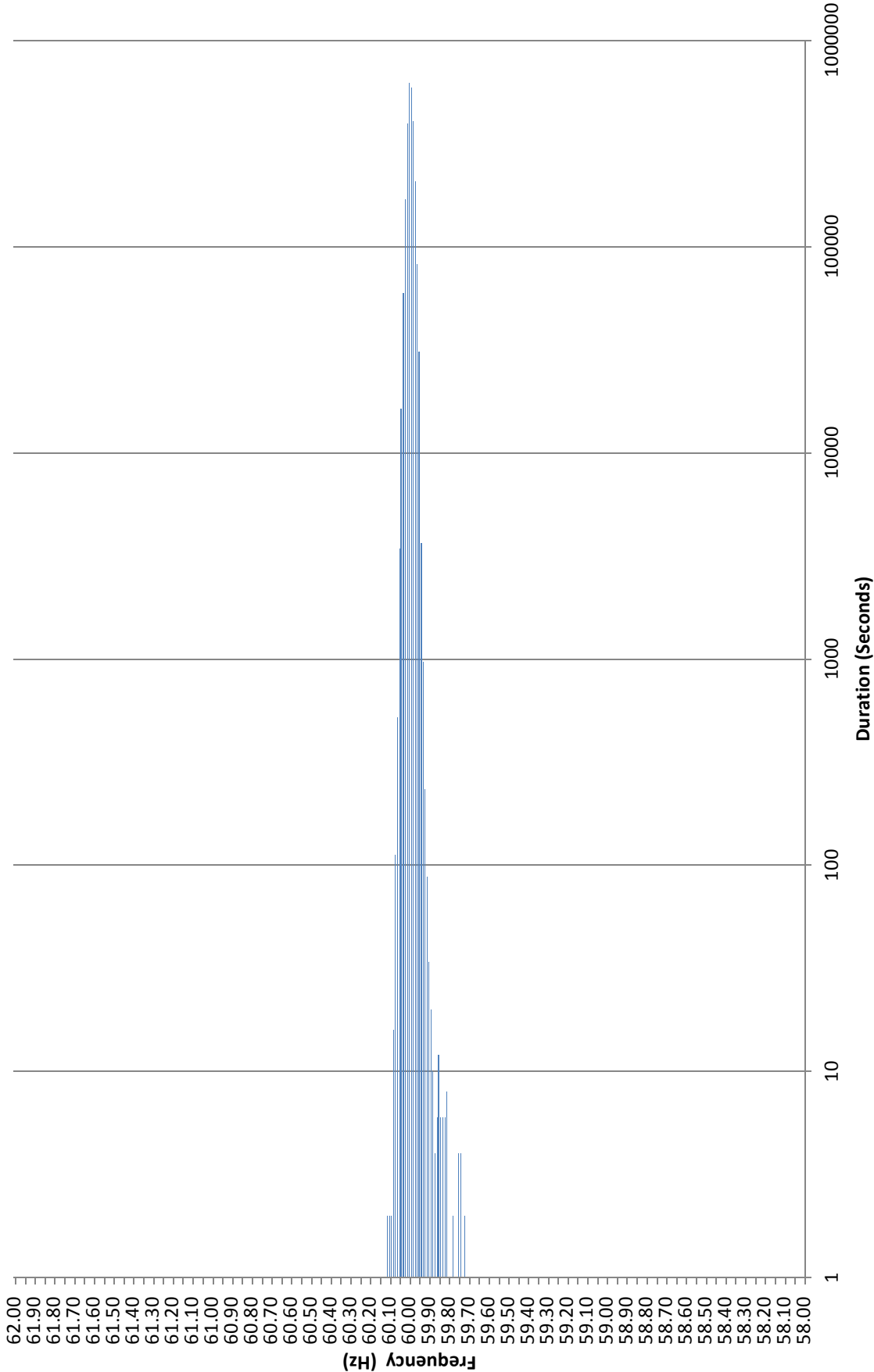
# Frequency Distribution Plot - Hawaiian Electric April 2019



# Frequency Distribution Plot - Maui Electric April 2019



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



Hawaiian Electric Frequency Excursion Statistics April 2019		
Data Rounded to the nearest	<59.95 Hz	>60.05 Hz
Number of Excursions	1298	430
Maximum Duration (sec)	204	290
Maximum Deviation (Hz)	59.806	60.26
Total Duration of Excursions (sec)	12646	5218

Maui Electric Frequency Excursion Statistics April 2019		
	<59.95 Hz	>60.05 Hz
Number of Excursions	4432	3382
Maximum Duration (sec)	872	750
Maximum Deviation (Hz)	59.410	60.263
Total Duration of Excursions (sec)	26748	28196



Hawai'i Electric Light Frequency Excursion Statistics April 2019		
	<59.95 Hz	>60.05 Hz
Number of Excursions	3460	421
Maximum Duration (sec)	102	46
Maximum Deviation (Hz)	59.720	60.111
Total Duration of Excursions (sec)	19302	1768

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Hawaiian Electric Curtailment Report April 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
04/01/19 20:56	0.0	0.10	04/01/19 21:29	0	*	Makai	System Constraints
04/02/19 11:38	0.0	10.00	04/02/19 12:21	0	*	Makai	System Constraints
04/02/19 11:55	0.0	5.00	04/02/19 12:17	0	4.24	KWF	System Constraints
04/04/19 06:27	0.0	0.00	04/04/19 19:05	0	*	Mauka	System Constraints
04/04/19 06:54	0.0	9.80	04/04/19 08:17	0	24.74	KWF	System Constraints
04/04/19 07:00	0.0	0.00	04/04/19 08:08	0	*	Makai	System Constraints
04/04/19 14:30	0.0	7.00	04/04/19 15:12	0	5.95	KWF	System Constraints
04/04/19 14:32	0.0	6.70	04/04/19 15:04	0	*	Makai	System Constraints
04/04/19 15:05	0.0	4.90	04/04/19 15:23	0	*	KLS2	System Constraints
04/04/19 15:06	0.0	3.60	04/04/19 15:24	0	*	KREP	System Constraints
04/05/19 18:01	0.0	1.30	04/05/19 18:24	0	*	KLS2	System Constraints
04/05/19 18:04	0.0	0.30	04/05/19 18:26	0	*	KREP	System Constraints
04/06/19 05:35	0.0	0.00	04/06/19 07:19	0	*	KREP	System Constraints
04/06/19 07:41	0.0	1.00	04/06/19 17:58	0	*	Aloha1	System Constraints
04/06/19 07:54	0.0	16.50	04/06/19 08:05	0	*	Waianae	System Constraints
04/06/19 14:47	0.0	3.90	04/06/19 15:51	0	*	KREP	System Constraints
04/06/19 17:09	0.0	19.60	04/06/19 17:56	0	*	Waianae	System Constraints
04/07/19 05:32	0.0	0.00	04/07/19 16:19	0	*	Aloha1	System Constraints
04/07/19 05:41	0.0	0.00	04/07/19 06:00	0	*	Waianae	System Constraints
04/07/19 15:52	0.0	15.60	04/07/19 16:15	0	*	Waianae	System Constraints
04/09/19 05:45	0.0	0.00	04/09/19 07:58	0	*	Makai	System Constraints
04/09/19 06:27	0.0	4.50	04/09/19 08:16	0	8.96	KWF	System Constraints
04/09/19 17:12	0.0	5.10	04/09/19 17:43	0	*	Makai	System Constraints
04/09/19 17:23	0.0	0.00	04/09/19 17:42	0	4.95	KWF	System Constraints
04/10/19 06:39	0.0	17.20	04/10/19 07:49	0	24.04	KWF	System Constraints
04/10/19 06:44	0.0	6.30	04/10/19 07:48	0	*	Makai	System Constraints
04/10/19 15:32	0.0	15.70	04/10/19 16:00	0	10.70	KWF	System Constraints
04/10/19 15:34	0.0	7.20	04/10/19 15:59	0	*	Makai	System Constraints
04/11/19 07:29	0.0	0.00	04/12/19 00:05	0	*	Mauka	System Constraints
04/12/19 18:11	0.0	24.70	04/12/19 18:46	0	*	Mauka	System Constraints
04/12/19 18:11	0.0	10.10	04/12/19 18:46	0	*	Makai	System Constraints
04/12/19 18:13	0.0	0.00	04/12/19 18:48	0	*	KWF	System Constraints
04/13/19 06:47	0.0	0.10	04/13/19 07:26	0	*	KREP	System Constraints
04/13/19 14:28	0.0	1.10	04/13/19 14:28	0	*	KREP	System Constraints
04/17/19 06:43	0.0	0.00	04/17/19 15:23	0	*	North	System Constraints
04/17/19 06:44	0.0	0.00	04/17/19 15:24	0	*	South	System Constraints
04/17/19 07:45	0.0	15.40	04/17/19 08:08	0	10.03	KWF	System Constraints
04/17/19 07:23	0.0	1.10	04/17/19 08:01	0	*	Makai	System Constraints
04/17/19 07:45	0.0	0.00	04/17/19 15:18	0	*	Mauka	System Constraints
04/17/19 12:52	0.0	8.80	04/17/19 14:21	0	*	Makai	System Constraints
04/17/19 13:36	0.0	8.50	04/17/19 14:24	0	*	KWF	System Constraints
04/17/19 19:30	0.0	9.60	04/17/19 22:03	0	16.18	KWF	System Constraints
04/17/19 19:18	0.0	0.00	04/17/19 19:46	0	*	Makai	System Constraints
04/18/19 02:39	0.0	0.00	04/18/19 03:05	0	*	Makai	System Constraints
04/18/19 02:42	0.0	0.00	04/18/19 03:03	0	3.96	KWF	System Constraints
04/22/19 05:25	0.0	0.00	04/22/19 05:56	0	*	KLS2	System Constraints
04/22/19 06:10	0.0	0.00	04/22/19 20:41	0	*	Mauka	System Constraints
04/22/19 15:05	0.0	4.80	04/22/19 15:45	0	*	KLS2	System Constraints
04/23/19 05:11	0.0	0.00	04/23/19 05:39	0	*	KLS2	System Constraints
04/23/19 16:16	0.0	4.40	04/23/19 17:07	0	*	KLS2	System Constraints
04/24/19 05:17	0.0	0.00	04/25/19 07:53	0	*	KREP	System Constraints
04/25/19 05:22	0.0	0.00	04/25/19 05:54	0	*	KLS2	System Constraints
04/25/19 04:58	0.0	7.60	04/25/19 21:02	0	145.90	KWF	System Constraints
04/25/19 05:04	0.0	0.10	04/25/19 19:08	0	*	Makai	System Constraints
04/25/19 05:09	0.0	0.40	04/25/19 05:15	0	*	Mauka	System Constraints
04/25/19 17:50	0.0	15.00	04/25/19 19:09	0	*	Mauka	System Constraints
04/25/19 15:23	0.0	3.00	04/25/19 15:56	0	*	KLS2	System Constraints
04/26/19 05:54	0.0	0.00	04/26/19 06:14	0	*	KLS2	System Constraints
04/26/19 06:28	0.0	0.00	04/26/19 06:59	0	*	Waianae	System Constraints
04/26/19 06:34	0.0	0.10	04/26/19 07:02	0	*	Aloha1	System Constraints
04/26/19 11:29	0.0	26.20	04/26/19 12:06	0	*	Waianae	System Constraints
04/26/19 11:32	0.0	2.00	04/26/19 12:09	0	*	Aloha1	System Constraints
04/26/19 13:51	0.0	3.50	04/26/19 14:21	0	*	KLS2	System Constraints
04/27/19 06:15	0.0	0.00	04/27/19 06:24	0	*	KLS2	System Constraints
04/27/19 12:37	0.0	1.50	04/27/19 13:10	0	*	KLS2	System Constraints
04/30/19 06:58	0.0	0.30	04/30/19 08:27	0	*	Makai	System Constraints
04/30/19 06:56	0.0	3.20	04/30/19 13:38	0	22.16	KWF	System Constraints

Aloha1 = Aloha Solar 1 PV Farm  
KLS2 = Kalaeloa Solar 2 PV Farm  
KREP = Kalaeloa Renewable Energy Park  
KWF = Kahuku Wind Farm  
Makai = Kawailoa Makai Wind Farm  
Mauka = Kawailoa 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 Kawailoa Wind Farm, and HECO does not make any representations as to its accuracy.

\* Data has not been provided by IPP.



**Maui Curtailment Report**

April 2019

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/1/2019 12:40	0:01	AWE	0.002	0.100	Oversupply
4/1/2019 12:43	0:01	AWE	0.002	0.100	Oversupply
4/2/2019 9:46	0:01	SMRR	0.006	2.192	System constraint
4/2/2019 9:47	0:01	KS	0.005	2.141	System constraint
4/2/2019 9:47	0:01	SMRR	0.006	1.981	System constraint
4/2/2019 9:48	0:01	SMRR	0.006	1.090	System constraint
4/2/2019 9:48	0:01	KS	0.005	2.148	System constraint
4/2/2019 9:49	0:01	SMRR	0.006	0.584	System constraint
4/2/2019 9:49	0:01	KS	0.005	1.220	System constraint
4/2/2019 9:49	0:01	SMRR	0.006	0.696	System constraint
4/2/2019 9:50	0:01	KS	0.005	0.806	System constraint
4/2/2019 9:50	0:01	SMRR	0.006	1.784	System constraint
4/2/2019 9:51	0:01	KS	0.005	0.702	System constraint
4/2/2019 9:51	0:01	SMRR	0.006	1.972	System constraint
4/2/2019 9:51	0:01	KS	0.005	1.445	System constraint
4/2/2019 9:52	0:01	SMRR	0.006	2.174	System constraint
4/2/2019 9:52	0:01	KS	0.005	1.812	System constraint
4/2/2019 9:52	0:01	SMRR	0.006	2.260	System constraint
4/2/2019 9:53	0:01	KS	0.005	1.986	System constraint
4/2/2019 9:53	0:01	SMRR	0.006	2.086	System constraint
4/2/2019 9:54	0:01	SMRR	0.006	2.102	System constraint
4/2/2019 9:54	0:01	KS	0.005	1.786	System constraint
4/2/2019 9:55	0:01	SMRR	0.006	2.078	System constraint
4/2/2019 9:55	0:01	KS	0.005	2.175	System constraint
4/2/2019 9:56	0:01	SMRR	0.006	2.241	System constraint
4/2/2019 9:56	0:01	KS	0.005	2.119	System constraint
4/2/2019 9:56	0:01	SMRR	0.006	1.989	System constraint
4/2/2019 9:57	0:01	KS	0.005	2.224	System constraint
4/2/2019 9:57	0:01	SMRR	0.006	0.936	System constraint
4/2/2019 9:57	0:01	KS	0.005	2.204	System constraint
4/2/2019 9:58	0:01	SMRR	0.006	0.397	System constraint
4/2/2019 9:58	0:01	KS	0.005	0.664	System constraint
4/2/2019 9:59	0:01	SMRR	0.006	0.897	System constraint
4/2/2019 9:59	0:01	KS	0.016	0.737	System constraint
4/2/2019 9:59	0:01	SMRR	0.017	1.212	System constraint
4/2/2019 10:00	0:01	KS	0.024	0.971	System constraint
4/2/2019 10:00	0:01	SMRR	0.022	1.740	System constraint
4/2/2019 10:01	0:01	SMRR	0.022	1.389	System constraint
4/2/2019 10:01	0:01	KS	0.024	1.496	System constraint
4/2/2019 10:02	0:01	SMRR	0.022	1.504	System constraint
4/2/2019 10:02	0:01	KS	0.023	1.525	System constraint
4/2/2019 10:02	0:01	SMRR	0.022	1.188	System constraint
4/2/2019 10:03	0:01	KS	0.024	1.435	System constraint
4/2/2019 10:03	0:01	SMRR	0.022	0.871	System constraint
4/2/2019 10:04	0:01	KS	0.024	1.256	System constraint
4/2/2019 10:04	0:01	SMRR	0.022	1.077	System constraint
4/2/2019 10:04	0:01	KS	0.024	0.852	System constraint
4/2/2019 10:05	0:01	SMRR	0.022	0.943	System constraint
4/2/2019 10:05	0:01	KS	0.024	0.895	System constraint
4/2/2019 10:05	0:01	SMRR	0.022	0.244	System constraint
4/2/2019 10:06	0:01	KS	0.024	0.725	System constraint
4/2/2019 10:06	0:01	SMRR	0.022	0.017	System constraint
4/2/2019 10:07	0:01	SMRR	0.022	0.011	System constraint
4/2/2019 10:07	0:01	KS	0.024	0.196	System constraint
4/2/2019 10:08	0:08	BS250	Data is not available	Data is not available	System constraint
4/2/2019 10:08	0:08	SMRR	0.225	0.009	System constraint
4/2/2019 10:08	0:01	KS	0.024	0.117	System constraint
4/2/2019 10:09	0:07	KWP11	0.164	16.588	System constraint
4/2/2019 10:09	0:08	KS	0.220	0.029	System constraint
4/2/2019 10:15	0:01	SMRR	0.024	0.228	System constraint
4/2/2019 10:16	0:01	SMRR	0.024	0.424	System constraint
4/2/2019 10:16	0:01	KS	0.027	0.218	System constraint
4/2/2019 10:17	0:01	SMRR	0.024	0.766	System constraint
4/2/2019 10:17	0:01	KS	0.027	0.505	System constraint
4/2/2019 10:18	0:01	SMRR	0.024	0.347	System constraint
4/2/2019 10:18	0:01	KS	0.027	0.439	System constraint
4/2/2019 10:18	0:01	SMRR	0.024	0.233	System constraint
4/2/2019 10:19	0:01	KS	0.027	0.015	System constraint
4/2/2019 10:19	0:01	SMRR	0.024	0.133	System constraint
4/2/2019 10:20	0:01	KWP11	0.003	15.951	System constraint
4/2/2019 10:20	0:01	SMRR	0.024	0.585	System constraint
4/2/2019 10:20	0:01	KS	0.026	0.665	System constraint



**Maui Curtailment Report**

April 2019

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/2/2019 10:21	0:01	BS250	Data is not available	Data is not available	System constraint
4/2/2019 10:21	0:01	SMRR	0.024	0.037	System constraint
4/2/2019 10:21	0:01	KS	0.027	0.474	System constraint
4/2/2019 10:21	0:01	SMRR	0.024	0.098	System constraint
4/2/2019 10:22	0:01	KWP2	0.002	16.790	System constraint
4/2/2019 10:22	0:01	KS	0.027	0.290	System constraint
4/2/2019 10:22	0:01	SMRR	0.024	0.623	System constraint
4/2/2019 10:23	0:01	KS	0.027	0.123	System constraint
4/2/2019 10:23	0:01	SMRR	0.024	0.779	System constraint
4/2/2019 10:23	0:01	KS	0.026	0.617	System constraint
4/2/2019 10:24	0:01	SMRR	0.024	0.663	System constraint
4/2/2019 10:24	0:01	KS	0.027	0.644	System constraint
4/2/2019 10:25	0:01	SMRR	0.024	0.109	System constraint
4/2/2019 10:25	0:01	KS	0.026	0.505	System constraint
4/2/2019 10:25	0:01	SMRR	0.024	0.396	System constraint
4/2/2019 10:26	0:01	KS	0.027	0.338	System constraint
4/2/2019 10:26	0:01	SMRR	0.024	0.639	System constraint
4/2/2019 10:27	0:01	SMRR	0.025	0.760	System constraint
4/2/2019 10:27	0:01	KS	0.027	0.328	System constraint
4/2/2019 10:28	0:01	SMRR	0.024	1.399	System constraint
4/2/2019 10:28	0:01	KS	0.027	0.807	System constraint
4/2/2019 10:28	0:02	SMRR	0.049	1.319	System constraint
4/2/2019 10:29	0:01	KS	0.027	0.708	System constraint
4/2/2019 10:29	0:01	KS	0.029	1.140	System constraint
4/2/2019 10:30	0:01	SMRR	0.029	1.011	System constraint
4/2/2019 10:30	0:01	KS	0.033	0.971	System constraint
4/2/2019 10:31	0:01	SMRR	0.029	1.055	System constraint
4/2/2019 10:31	0:01	KS	0.033	1.106	System constraint
4/2/2019 10:31	0:01	SMRR	0.029	0.671	System constraint
4/2/2019 10:32	0:01	KS	0.033	0.870	System constraint
4/2/2019 10:32	0:01	SMRR	0.029	0.225	System constraint
4/2/2019 10:33	0:01	KS	0.033	0.427	System constraint
4/2/2019 10:33	0:01	SMRR	0.029	0.026	System constraint
4/2/2019 10:34	0:01	SMRR	0.029	0.312	System constraint
4/2/2019 10:34	0:01	KS	0.033	0.073	System constraint
4/2/2019 10:34	0:22	SMRR	0.895	0.135	System constraint
4/2/2019 10:35	0:01	KS	0.033	0.317	System constraint
4/2/2019 10:35	0:01	KS	0.033	0.114	System constraint
4/2/2019 10:36	0:25	KWP2	0.940	19.000	System constraint
4/2/2019 10:36	0:25	KS	1.054	0.055	System constraint
4/2/2019 10:37	0:20	BS250	Data is not available	Data is not available	System constraint
4/2/2019 10:57	0:01	SMRR	0.032	0.043	System constraint
4/2/2019 10:57	0:03	SMRR	0.129	0.011	System constraint
4/2/2019 10:58	0:03	BS250	Data is not available	Data is not available	System constraint
4/2/2019 11:00	0:01	SMRR	0.032	0.144	System constraint
4/2/2019 11:01	0:01	SMRR	0.032	0.662	System constraint
4/2/2019 11:01	0:01	KS	0.037	0.071	System constraint
4/2/2019 11:02	0:01	SMRR	0.032	0.736	System constraint
4/2/2019 11:02	0:01	KS	0.037	0.733	System constraint
4/2/2019 11:03	0:01	SMRR	0.032	0.412	System constraint
4/2/2019 11:03	0:01	KS	0.037	0.757	System constraint
4/2/2019 11:03	0:01	SMRR	0.032	0.583	System constraint
4/2/2019 11:04	0:01	KS	0.036	0.397	System constraint
4/2/2019 11:04	0:01	SMRR	0.032	0.241	System constraint
4/2/2019 11:05	1:40	BS250	Data is not available	Data is not available	System constraint
4/2/2019 11:05	0:01	KS	0.037	0.630	System constraint
4/2/2019 11:05	1:45	SMRR	4.870	0.012	System constraint
4/2/2019 11:06	1:44	KWP2	8.173	19.028	System constraint
4/2/2019 11:06	1:40	KS	4.744	0.241	System constraint
4/2/2019 12:46	0:04	BS250	Data is not available	Data is not available	System constraint
4/2/2019 12:46	0:01	KS	0.039	0.139	System constraint
4/2/2019 12:47	0:03	KS	0.157	0.009	System constraint
4/2/2019 12:50	0:01	SMRR	0.034	0.148	System constraint
4/2/2019 12:50	0:01	KS	0.039	-0.003	System constraint
4/2/2019 12:50	0:01	SMRR	0.034	0.153	System constraint
4/2/2019 12:51	0:01	KWP2	0.001	17.067	System constraint
4/2/2019 12:51	0:01	KS	0.039	-0.002	System constraint
4/2/2019 12:51	0:01	SMRR	0.034	0.350	System constraint
4/2/2019 12:52	0:01	SMRR	0.034	0.222	System constraint
4/2/2019 12:52	0:01	KS	0.039	-0.002	System constraint
4/2/2019 12:53	0:04	BS250	Data is not available	Data is not available	System constraint
4/2/2019 12:53	0:04	KWP2	0.071	17.976	System constraint



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4/2/2019 12:53	0:04	SMRR	0.170	0.011	System constraint
4/2/2019 12:53	0:01	KS	0.039	-0.003	System constraint
4/2/2019 12:54	0:04	KS	0.196	-0.002	System constraint
4/2/2019 12:56	0:01	SMRR	0.034	0.169	System constraint
4/2/2019 12:57	0:01	SMRR	0.034	0.609	System constraint
4/2/2019 12:58	0:01	KS	0.039	0.498	System constraint
4/2/2019 12:58	0:01	SMRR	0.034	0.707	System constraint
4/2/2019 12:59	0:01	SMRR	0.034	1.002	System constraint
4/2/2019 12:59	0:01	KS	0.037	0.765	System constraint
4/2/2019 13:00	0:01	SMRR	0.030	1.170	System constraint
4/2/2019 13:00	0:01	KS	0.034	1.033	System constraint
4/2/2019 13:00	0:01	SMRR	0.031	0.997	System constraint
4/2/2019 13:01	0:01	KS	0.034	1.210	System constraint
4/2/2019 13:01	0:01	SMRR	0.031	0.628	System constraint
4/2/2019 13:01	0:01	KS	0.034	0.656	System constraint
4/2/2019 13:02	0:01	SMRR	0.031	0.606	System constraint
4/2/2019 13:02	0:01	KS	0.033	0.570	System constraint
4/2/2019 13:03	0:01	SMRR	0.032	0.788	System constraint
4/2/2019 13:03	0:01	KS	0.034	0.610	System constraint
4/2/2019 13:03	0:01	SMRR	0.031	1.664	System constraint
4/2/2019 13:04	0:01	KS	0.034	1.079	System constraint
4/2/2019 13:04	0:02	SMRR	0.061	0.803	System constraint
4/2/2019 13:05	0:01	KS	0.033	1.516	System constraint
4/2/2019 13:06	0:01	SMRR	0.031	0.302	System constraint
4/2/2019 13:06	0:01	KS	0.034	0.512	System constraint
4/2/2019 13:06	0:01	SMRR	0.031	0.214	System constraint
4/2/2019 13:07	0:01	KS	0.034	0.445	System constraint
4/2/2019 13:07	0:01	SMRR	0.030	0.245	System constraint
4/2/2019 13:07	0:01	KS	0.033	0.166	System constraint
4/2/2019 13:08	0:01	SMRR	0.031	0.732	System constraint
4/2/2019 13:08	0:01	KS	0.034	0.286	System constraint
4/2/2019 13:09	0:01	SMRR	0.031	0.427	System constraint
4/2/2019 13:09	0:01	KS	0.033	0.694	System constraint
4/2/2019 13:09	0:02	SMRR	0.092	0.019	System constraint
4/2/2019 13:10	0:04	BS250	Data is not available	Data is not available	System constraint
4/2/2019 13:10	0:05	KWP11	0.054	18.727	System constraint
4/2/2019 13:10	0:01	KS	0.034	0.376	System constraint
4/2/2019 13:11	0:03	KS	0.102	0.022	System constraint
4/2/2019 13:12	0:01	SMRR	0.031	0.001	System constraint
4/2/2019 13:13	0:02	SMRR	0.062	0.019	System constraint
4/2/2019 13:13	0:01	KS	0.034	-0.002	System constraint
4/2/2019 13:14	0:01	SMRR	0.028	0.291	System constraint
4/2/2019 13:14	0:01	KS	0.031	-0.002	System constraint
4/2/2019 13:15	0:01	BS250	Data is not available	Data is not available	System constraint
4/2/2019 13:15	0:01	SMRR	0.025	0.035	System constraint
4/2/2019 13:15	0:01	KS	0.030	-0.002	System constraint
4/2/2019 13:16	0:01	SMRR	0.025	0.655	System constraint
4/2/2019 13:16	0:01	KS	0.030	-0.002	System constraint
4/2/2019 13:16	0:01	SMRR	0.025	0.922	System constraint
4/2/2019 13:17	0:01	KS	0.030	0.294	System constraint
4/2/2019 13:17	0:01	SMRR	0.024	1.158	System constraint
4/2/2019 13:18	0:01	KS	0.030	0.682	System constraint
4/2/2019 13:18	0:01	SMRR	0.025	1.162	System constraint
4/2/2019 13:19	0:01	SMRR	0.025	1.020	System constraint
4/2/2019 13:19	0:01	KS	0.030	1.328	System constraint
4/2/2019 13:19	0:01	SMRR	0.025	1.092	System constraint
4/2/2019 13:20	0:01	KS	0.030	1.587	System constraint
4/2/2019 13:20	0:01	SMRR	0.024	0.790	System constraint
4/2/2019 13:20	0:01	KS	0.030	1.278	System constraint
4/2/2019 13:21	0:01	SMRR	0.025	0.571	System constraint
4/2/2019 13:21	0:01	KS	0.030	0.831	System constraint
4/2/2019 13:22	0:01	SMRR	0.025	0.350	System constraint
4/2/2019 13:22	0:01	KS	0.030	0.443	System constraint
4/2/2019 13:22	0:01	SMRR	0.025	0.472	System constraint
4/2/2019 13:23	0:01	KS	0.029	0.422	System constraint
4/2/2019 13:23	0:01	SMRR	0.025	0.498	System constraint
4/2/2019 13:24	0:01	KS	0.030	0.676	System constraint
4/2/2019 13:24	0:01	SMRR	0.024	0.619	System constraint
4/2/2019 13:25	0:01	KS	0.029	0.262	System constraint
4/2/2019 13:25	0:01	SMRR	0.025	0.937	System constraint
4/2/2019 13:25	0:01	SMRR	0.025	1.127	System constraint
4/2/2019 13:26	0:01	KS	0.030	0.972	System constraint





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4/2/2019 13:26	0:01	SMRR	0.025	1.149	System constraint
4/2/2019 13:26	0:01	KS	0.030	0.927	System constraint
4/2/2019 13:27	0:01	SMRR	0.024	1.050	System constraint
4/2/2019 13:27	0:01	KS	0.030	1.163	System constraint
4/2/2019 13:28	0:01	SMRR	0.025	0.906	System constraint
4/2/2019 13:28	0:01	KS	0.030	1.162	System constraint
4/2/2019 13:29	0:01	SMRR	0.025	1.603	System constraint
4/2/2019 13:29	0:01	KS	0.029	1.040	System constraint
4/2/2019 13:29	0:01	SMRR	0.025	2.029	System constraint
4/2/2019 13:30	0:01	KS	0.027	1.597	System constraint
4/2/2019 13:30	0:01	SMRR	0.024	2.009	System constraint
4/2/2019 13:31	0:01	KS	0.027	2.173	System constraint
4/2/2019 13:31	0:01	SMRR	0.025	1.233	System constraint
4/2/2019 13:32	0:01	KS	0.027	1.534	System constraint
4/2/2019 13:32	0:01	SMRR	0.025	1.199	System constraint
4/2/2019 13:32	0:01	SMRR	0.025	0.756	System constraint
4/2/2019 13:32	0:01	KS	0.027	1.263	System constraint
4/2/2019 13:33	0:01	SMRR	0.025	0.827	System constraint
4/2/2019 13:33	0:01	KS	0.027	0.870	System constraint
4/2/2019 13:34	0:01	SMRR	0.024	0.951	System constraint
4/2/2019 13:34	0:01	KS	0.027	0.648	System constraint
4/2/2019 13:35	0:01	SMRR	0.025	0.209	System constraint
4/2/2019 13:35	0:01	KS	0.026	1.114	System constraint
4/2/2019 13:35	0:01	SMRR	0.025	0.274	System constraint
4/2/2019 13:36	0:01	KWPPII	0.000	19.157	System constraint
4/2/2019 13:36	0:01	KS	0.027	0.113	System constraint
4/2/2019 13:36	0:01	SMRR	0.025	0.392	System constraint
4/2/2019 13:37	0:01	KS	0.027	0.239	System constraint
4/2/2019 13:37	0:01	SMRR	0.024	0.854	System constraint
4/2/2019 13:38	0:01	KS	0.027	0.463	System constraint
4/2/2019 13:38	0:01	SMRR	0.025	0.932	System constraint
4/2/2019 13:38	0:01	KS	0.027	1.041	System constraint
4/2/2019 13:38	0:01	SMRR	0.025	0.762	System constraint
4/2/2019 13:39	0:01	SMRR	0.025	0.669	System constraint
4/2/2019 13:39	0:01	KS	0.027	1.024	System constraint
4/2/2019 13:40	0:01	SMRR	0.024	0.930	System constraint
4/2/2019 13:40	0:01	KS	0.027	0.772	System constraint
4/2/2019 13:41	0:01	SMRR	0.025	0.925	System constraint
4/2/2019 13:41	0:01	KS	0.027	0.837	System constraint
4/2/2019 13:42	0:01	SMRR	0.025	1.007	System constraint
4/2/2019 13:42	0:01	KS	0.027	0.908	System constraint
4/2/2019 13:42	0:01	SMRR	0.025	1.409	System constraint
4/2/2019 13:43	0:01	KS	0.027	0.912	System constraint
4/2/2019 13:43	0:01	SMRR	0.024	0.430	System constraint
4/2/2019 13:44	0:01	KS	0.027	1.169	System constraint
4/2/2019 13:44	0:01	SMRR	0.024	0.595	System constraint
4/2/2019 13:45	0:01	KS	0.025	0.268	System constraint
4/2/2019 13:45	0:01	SMRR	0.019	0.449	System constraint
4/2/2019 13:45	0:01	SMRR	0.019	0.460	System constraint
4/2/2019 13:45	0:01	KS	0.025	0.453	System constraint
4/2/2019 13:46	0:01	SMRR	0.019	0.533	System constraint
4/2/2019 13:46	0:01	KS	0.025	0.522	System constraint
4/2/2019 13:47	0:01	SMRR	0.019	0.255	System constraint
4/2/2019 13:47	0:01	KS	0.024	0.688	System constraint
4/2/2019 13:48	0:01	SMRR	0.019	0.761	System constraint
4/2/2019 13:48	0:01	KS	0.025	0.110	System constraint
4/2/2019 13:48	0:01	SMRR	0.019	0.509	System constraint
4/2/2019 13:49	0:01	KS	0.025	0.885	System constraint
4/2/2019 13:49	0:01	SMRR	0.019	0.376	System constraint
4/2/2019 13:50	0:01	KS	0.025	0.371	System constraint
4/2/2019 13:50	0:01	SMRR	0.019	1.027	System constraint
4/2/2019 13:51	0:01	KS	0.024	0.545	System constraint
4/2/2019 13:51	0:01	SMRR	0.019	1.149	System constraint
4/2/2019 13:51	0:01	KS	0.025	1.277	System constraint
4/2/2019 13:51	0:01	SMRR	0.019	0.765	System constraint
4/2/2019 13:52	0:01	SMRR	0.019	0.995	System constraint
4/2/2019 13:52	0:01	KS	0.025	1.234	System constraint
4/2/2019 13:53	0:01	SMRR	0.019	1.246	System constraint
4/2/2019 13:53	0:01	KS	0.024	0.945	System constraint
4/2/2019 13:54	0:01	SMRR	0.019	1.713	System constraint
4/2/2019 13:54	0:01	KS	0.025	1.449	System constraint
4/2/2019 13:55	0:01	SMRR	0.019	1.756	System constraint



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4/2/2019 13:55	0:01	KS	0.025	1.856	System constraint
4/2/2019 13:55	0:01	SMRR	0.019	2.037	System constraint
4/2/2019 13:56	0:01	KS	0.025	1.714	System constraint
4/2/2019 13:56	0:01	SMRR	0.019	2.347	System constraint
4/2/2019 13:57	0:01	KS	0.025	1.884	System constraint
4/2/2019 13:57	0:01	SMRR	0.019	2.247	System constraint
4/2/2019 13:57	0:01	KS	0.025	2.292	System constraint
4/2/2019 13:58	0:01	SMRR	0.019	1.860	System constraint
4/2/2019 13:58	0:01	KS	0.024	2.088	System constraint
4/2/2019 13:59	0:01	SMRR	0.014	2.713	System constraint
4/2/2019 13:59	0:01	KS	0.014	2.188	System constraint
4/2/2019 14:00	0:01	SMRR	0.006	2.660	System constraint
4/2/2019 14:01	0:01	SMRR	0.006	2.680	System constraint
4/2/2019 14:01	0:01	KS	0.007	2.545	System constraint
4/2/2019 14:01	0:01	SMRR	0.006	2.493	System constraint
4/2/2019 14:02	0:01	KS	0.007	2.732	System constraint
4/2/2019 14:02	0:01	SMRR	0.006	2.700	System constraint
4/2/2019 14:04	0:01	KS	0.007	1.761	System constraint
4/2/2019 14:04	0:01	SMRR	0.006	2.530	System constraint
4/2/2019 14:04	0:01	KS	0.007	2.720	System constraint
4/2/2019 14:05	0:01	KS	0.007	2.704	System constraint
4/2/2019 14:09	0:01	SMRR	0.006	2.491	System constraint
4/2/2019 14:10	0:01	KS	0.007	1.797	System constraint
4/2/2019 14:10	0:01	SMRR	0.006	1.794	System constraint
4/2/2019 14:10	0:01	KS	0.007	2.369	System constraint
4/2/2019 14:11	0:01	SMRR	0.006	1.375	System constraint
4/2/2019 14:11	0:01	KS	0.007	1.479	System constraint
4/2/2019 14:11	0:01	SMRR	0.006	0.924	System constraint
4/2/2019 14:12	0:01	SMRR	0.006	1.243	System constraint
4/2/2019 14:12	0:01	KS	0.007	1.019	System constraint
4/2/2019 14:13	0:01	SMRR	0.006	1.589	System constraint
4/2/2019 14:13	0:01	KS	0.007	1.174	System constraint
4/2/2019 14:14	0:01	SMRR	0.006	1.796	System constraint
4/2/2019 14:14	0:01	KS	0.006	1.635	System constraint
4/2/2019 14:14	0:01	SMRR	0.003	1.822	System constraint
4/2/2019 14:15	0:01	KS	0.003	1.765	System constraint
4/2/2019 14:15	0:01	SMRR	0.001	2.285	System constraint
4/2/2019 14:16	0:01	KS	0.003	1.962	System constraint
4/2/2019 14:16	0:01	KS	0.003	2.455	System constraint
4/2/2019 14:21	0:01	SMRR	0.001	2.613	System constraint
4/2/2019 14:22	0:01	KS	0.003	2.691	System constraint
4/2/2019 14:24	0:01	SMRR	0.001	2.617	System constraint
4/2/2019 14:25	0:01	KS	0.003	2.749	System constraint
4/2/2019 14:26	0:01	SMRR	0.001	2.542	System constraint
4/2/2019 14:27	0:01	KS	0.003	2.810	System constraint
4/2/2019 14:27	0:01	SMRR	0.001	2.585	System constraint
4/2/2019 14:28	0:01	SMRR	0.001	2.582	System constraint
4/2/2019 14:29	0:01	KS	0.003	2.826	System constraint
4/2/2019 14:29	0:01	SMRR	0.001	1.926	System constraint
4/2/2019 14:29	0:01	KS	0.001	2.355	System constraint
4/2/2019 14:30	0:01	SMRR	0.001	2.132	System constraint
4/2/2019 14:30	0:01	KS	0.001	1.829	System constraint
4/2/2019 14:32	0:01	KS	0.001	2.892	System constraint
4/2/2019 15:46	0:01	KWPPII	0.011	20.297	System constraint
4/3/2019 0:49	0:03	KWPPII	0.027	20.704	Oversupply
4/3/2019 0:54	0:02	KWPPII	0.004	20.707	Oversupply
4/3/2019 1:08	0:08	KWPPII	0.083	20.688	Oversupply
4/3/2019 8:53	0:01	KS	0.005	1.423	Oversupply
4/3/2019 8:53	0:01	SMRR	0.007	1.313	Oversupply
4/3/2019 8:54	0:01	KS	0.006	1.434	Oversupply
4/3/2019 8:54	0:01	SMRR	0.007	0.813	Oversupply
4/3/2019 8:55	0:01	SMRR	0.007	0.278	Oversupply
4/3/2019 8:55	0:01	KS	0.005	1.371	Oversupply
4/3/2019 8:56	0:01	BS250	Data is not available	Data is not available	Oversupply
4/3/2019 8:56	0:02	KWPPII	0.008	19.799	Oversupply
4/3/2019 8:56	0:01	SMRR	0.007	0.045	Oversupply
4/3/2019 8:56	0:01	KS	0.005	0.821	Oversupply
4/3/2019 8:56	0:01	SMRR	0.007	-0.002	Oversupply
4/3/2019 8:57	0:02	KS	0.010	0.019	Oversupply
4/3/2019 8:57	0:01	SMRR	0.007	-0.002	Oversupply
4/3/2019 8:58	0:01	SMRR	0.007	-0.002	Oversupply
4/3/2019 8:58	0:01	KS	0.005	0.482	Oversupply



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4/3/2019 8:59	0:01	SMRR	0.007	-0.002	Oversupply
4/3/2019 8:59	0:01	KS	0.007	0.517	Oversupply
4/3/2019 8:59	0:02	SMRR	0.021	-0.002	Oversupply
4/3/2019 9:00	0:01	KS	0.010	0.521	Oversupply
4/3/2019 9:01	0:01	SMRR	0.012	-0.002	Oversupply
4/3/2019 9:01	0:01	KS	0.010	0.525	Oversupply
4/3/2019 9:02	0:01	SMRR	0.012	0.309	Oversupply
4/3/2019 9:02	0:01	KS	0.011	0.530	Oversupply
4/3/2019 9:02	0:01	SMRR	0.012	0.645	Oversupply
4/3/2019 9:03	0:01	KS	0.011	0.559	Oversupply
4/3/2019 9:03	0:01	SMRR	0.012	1.123	Oversupply
4/3/2019 9:04	0:01	KS	0.010	0.682	Oversupply
4/3/2019 9:04	0:01	SMRR	0.012	1.659	Oversupply
4/3/2019 9:04	0:01	KS	0.010	1.136	Oversupply
4/3/2019 9:05	0:01	SMRR	0.012	1.437	Oversupply
4/3/2019 9:05	0:01	KS	0.010	1.591	Oversupply
4/3/2019 9:05	0:01	SMRR	0.012	1.019	Oversupply
4/3/2019 9:06	0:01	KS	0.010	1.484	Oversupply
4/3/2019 9:06	0:01	SMRR	0.012	1.199	Oversupply
4/3/2019 9:07	0:01	SMRR	0.012	1.157	Oversupply
4/3/2019 9:07	0:01	KS	0.010	1.086	Oversupply
4/3/2019 9:08	0:01	SMRR	0.012	1.181	Oversupply
4/3/2019 9:08	0:01	KS	0.011	0.937	Oversupply
4/3/2019 9:08	0:01	SMRR	0.012	1.525	Oversupply
4/3/2019 9:09	0:01	KS	0.010	1.188	Oversupply
4/3/2019 9:09	0:01	SMRR	0.012	1.734	Oversupply
4/3/2019 9:10	0:01	KS	0.010	1.593	Oversupply
4/3/2019 9:10	0:01	SMRR	0.012	0.992	Oversupply
4/3/2019 9:11	0:01	KS	0.011	1.677	Oversupply
4/3/2019 9:11	0:01	SMRR	0.012	0.513	Oversupply
4/3/2019 9:11	0:01	KS	0.010	0.801	Oversupply
4/3/2019 9:12	0:01	SMRR	0.012	0.641	Oversupply
4/3/2019 9:12	0:01	KS	0.010	0.274	Oversupply
4/3/2019 9:12	0:01	SMRR	0.012	0.674	Oversupply
4/3/2019 9:13	0:01	SMRR	0.012	0.162	Oversupply
4/3/2019 9:13	0:01	KS	0.010	0.745	Oversupply
4/3/2019 9:14	0:01	SMRR	0.013	0.568	Oversupply
4/3/2019 9:14	0:01	KS	0.014	0.104	Oversupply
4/3/2019 9:15	0:06	BS250	Data is not available	Data is not available	Oversupply
4/3/2019 9:15	0:09	KWP11	0.228	18.925	Oversupply
4/3/2019 9:15	0:08	SMRR	0.253	0.008	Oversupply
4/3/2019 9:15	0:01	KS	0.020	0.592	Oversupply
4/3/2019 9:16	0:09	KS	0.207	0.018	Oversupply
4/3/2019 9:22	0:01	BS250	Data is not available	Data is not available	Oversupply
4/3/2019 9:23	0:01	SMRR	0.023	-0.002	Oversupply
4/3/2019 9:24	0:01	SMRR	0.023	-0.002	Oversupply
4/3/2019 9:24	0:01	KS	0.022	0.316	Oversupply
4/3/2019 9:25	0:01	SMRR	0.023	-0.002	Oversupply
4/3/2019 9:25	0:01	KS	0.022	0.784	Oversupply
4/3/2019 9:25	0:01	SMRR	0.023	-0.003	Oversupply
4/3/2019 9:26	0:01	KS	0.020	1.160	Oversupply
4/3/2019 9:26	0:01	SMRR	0.023	-0.003	Oversupply
4/3/2019 9:27	0:01	KS	0.022	1.030	Oversupply
4/3/2019 9:27	0:01	SMRR	0.023	-0.003	Oversupply
4/3/2019 9:28	0:02	BS250	Data is not available	Data is not available	Oversupply
4/3/2019 9:28	0:02	SMRR	0.060	0.290	Oversupply
4/3/2019 9:28	0:01	KS	0.020	1.163	Oversupply
4/3/2019 9:29	0:02	KWP11	0.021	15.615	Oversupply
4/3/2019 9:29	0:03	KS	0.048	0.395	Oversupply
4/3/2019 9:30	0:01	SMRR	0.007	0.463	Oversupply
4/3/2019 9:31	0:01	SMRR	0.007	0.951	Oversupply
4/3/2019 9:31	0:01	KS	0.013	0.395	Oversupply
4/3/2019 9:31	0:01	SMRR	0.007	1.480	Oversupply
4/3/2019 9:32	0:01	KS	0.014	0.653	Oversupply
4/3/2019 9:32	0:01	SMRR	0.007	1.345	Oversupply
4/3/2019 9:33	0:01	KS	0.013	0.656	Oversupply
4/3/2019 9:33	0:01	SMRR	0.007	0.850	Oversupply
4/3/2019 9:34	0:01	BS250	Data is not available	Data is not available	Oversupply
4/3/2019 9:34	0:02	SMRR	0.015	0.131	Oversupply
4/3/2019 9:34	0:01	KS	0.014	0.662	Oversupply
4/3/2019 9:35	0:01	KS	0.014	0.665	Oversupply
4/3/2019 9:35	0:01	SMRR	0.007	0.949	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/3/2019 9:36	0:01	KS	0.014	0.437	Oversupply
4/3/2019 9:36	0:01	SMRR	0.007	1.204	Oversupply
4/3/2019 9:36	0:01	KS	0.014	0.592	Oversupply
4/3/2019 9:37	0:01	SMRR	0.007	1.961	Oversupply
4/3/2019 9:37	0:01	KS	0.014	1.029	Oversupply
4/3/2019 9:38	0:01	KS	0.013	1.344	Oversupply
4/3/2019 9:44	0:01	SMRR	0.008	2.196	Oversupply
4/3/2019 9:45	0:01	KS	-0.002	2.120	Oversupply
4/3/2019 9:46	0:01	KS	-0.002	2.133	Oversupply
4/3/2019 9:47	0:01	SMRR	0.000	2.348	Oversupply
4/3/2019 9:47	0:01	SMRR	0.000	2.338	Oversupply
4/3/2019 9:48	0:01	SMRR	0.000	2.393	Oversupply
4/3/2019 9:49	0:01	KS	-0.002	2.169	Oversupply
4/3/2019 9:49	0:01	SMRR	0.000	2.119	Oversupply
4/3/2019 9:49	0:01	KS	-0.002	2.175	Oversupply
4/3/2019 9:50	0:01	SMRR	0.000	1.932	Oversupply
4/3/2019 9:50	0:01	KS	-0.002	1.857	Oversupply
4/3/2019 10:43	0:01	SMRR	0.000	2.664	Oversupply
4/3/2019 10:44	0:01	SMRR	0.006	2.352	Oversupply
4/3/2019 10:45	0:01	SMRR	0.012	1.339	Oversupply
4/3/2019 10:45	0:01	KS	0.016	2.499	Oversupply
4/3/2019 10:45	0:01	SMRR	0.012	1.248	Oversupply
4/3/2019 10:46	0:01	KS	0.016	1.456	Oversupply
4/3/2019 10:46	0:01	SMRR	0.012	0.469	Oversupply
4/3/2019 10:47	0:01	KS	0.017	1.190	Oversupply
4/3/2019 10:47	0:01	SMRR	0.012	0.977	Oversupply
4/3/2019 10:48	0:01	KS	0.017	0.784	Oversupply
4/3/2019 10:48	0:01	SMRR	0.012	1.542	Oversupply
4/3/2019 10:48	0:01	KS	0.016	1.358	Oversupply
4/3/2019 10:49	0:01	SMRR	0.013	1.427	Oversupply
4/3/2019 10:49	0:01	SMRR	0.012	1.792	Oversupply
4/3/2019 10:49	0:01	KS	0.016	1.610	Oversupply
4/3/2019 10:50	0:01	SMRR	0.012	0.727	Oversupply
4/3/2019 10:50	0:01	KS	0.016	1.629	Oversupply
4/3/2019 10:51	0:01	SMRR	0.012	0.260	Oversupply
4/3/2019 10:51	0:01	KS	0.016	1.164	Oversupply
4/3/2019 10:52	0:01	SMRR	0.012	0.234	Oversupply
4/3/2019 10:52	0:01	KS	0.017	0.709	Oversupply
4/3/2019 10:52	0:01	SMRR	0.012	0.064	Oversupply
4/3/2019 10:53	0:01	KS	0.018	0.818	Oversupply
4/3/2019 10:53	0:01	SMRR	0.012	0.173	Oversupply
4/3/2019 10:54	0:01	KS	0.016	0.326	Oversupply
4/3/2019 10:54	0:01	SMRR	0.012	0.625	Oversupply
4/3/2019 10:55	0:01	KS	0.016	1.343	Oversupply
4/3/2019 10:55	0:01	SMRR	0.012	0.916	Oversupply
4/3/2019 10:56	0:01	SMRR	0.012	1.679	Oversupply
4/3/2019 10:56	0:01	KS	0.018	2.770	Oversupply
4/3/2019 10:57	0:01	SMRR	0.012	1.692	Oversupply
4/3/2019 10:57	0:01	KS	0.016	2.166	Oversupply
4/3/2019 10:58	0:01	SMRR	0.012	1.124	Oversupply
4/3/2019 10:58	0:01	KS	0.016	1.826	Oversupply
4/3/2019 10:58	0:01	SMRR	0.013	1.031	Oversupply
4/3/2019 10:59	0:01	KS	0.019	1.154	Oversupply
4/3/2019 10:59	0:01	SMRR	0.013	1.091	Oversupply
4/3/2019 11:00	0:01	KS	0.025	1.485	Oversupply
4/3/2019 11:00	0:05	SMRR	0.146	0.229	Oversupply
4/3/2019 11:01	0:04	BS250	Data is not available	Data is not available	Oversupply
4/3/2019 11:01	0:05	KWP11	0.089	13.377	Oversupply
4/3/2019 11:01	0:01	KS	0.024	1.365	Oversupply
4/3/2019 11:02	0:04	KS	0.121	0.034	Oversupply
4/3/2019 11:05	0:01	SMRR	0.021	-0.002	Oversupply
4/3/2019 11:06	0:01	KS	0.027	0.000	Oversupply
4/3/2019 11:06	0:01	SMRR	0.021	0.009	Oversupply
4/3/2019 11:07	0:01	KS	0.025	0.251	Oversupply
4/3/2019 11:07	0:01	SMRR	0.021	0.334	Oversupply
4/3/2019 11:08	0:01	KS	0.025	0.359	Oversupply
4/3/2019 11:08	0:01	SMRR	0.021	0.669	Oversupply
4/3/2019 11:08	0:01	SMRR	0.021	1.007	Oversupply
4/3/2019 11:08	0:01	KS	0.024	0.676	Oversupply
4/3/2019 11:09	0:02	SMRR	0.041	1.371	Oversupply
4/3/2019 11:09	0:01	KS	0.026	1.020	Oversupply
4/3/2019 11:11	0:01	SMRR	0.021	1.532	Oversupply



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4/3/2019 11:11	0:01	KS	0.025	2.796	Oversupply
4/3/2019 11:11	0:01	SMRR	0.021	2.135	Oversupply
4/3/2019 11:12	0:01	KS	0.024	2.217	Oversupply
4/3/2019 11:12	0:01	SMRR	0.021	2.436	Oversupply
4/3/2019 11:13	0:01	KS	0.025	2.105	Oversupply
4/3/2019 11:14	0:01	KS	0.024	2.686	Oversupply
4/3/2019 11:18	0:01	SMRR	0.003	2.795	Oversupply
4/3/2019 11:18	0:01	SMRR	0.003	2.113	Oversupply
4/3/2019 11:19	0:01	KS	0.003	2.922	Oversupply
4/3/2019 11:19	0:01	SMRR	0.003	1.537	Oversupply
4/3/2019 11:20	0:01	KS	0.003	2.181	Oversupply
4/3/2019 11:20	0:01	SMRR	0.003	1.836	Oversupply
4/3/2019 11:21	0:01	SMRR	0.003	2.175	Oversupply
4/3/2019 11:21	0:01	KS	0.003	1.575	Oversupply
4/3/2019 11:21	0:01	KS	0.003	2.093	Oversupply
4/3/2019 11:22	0:01	KS	0.003	2.780	Oversupply
4/3/2019 12:23	0:01	SMRR	0.002	2.849	Oversupply
4/3/2019 12:24	0:01	SMRR	0.002	2.681	Oversupply
4/3/2019 12:25	0:01	KS	0.000	2.709	Oversupply
4/3/2019 12:29	0:01	SMRR	0.002	2.652	Oversupply
4/3/2019 12:29	0:01	SMRR	0.012	2.193	Oversupply
4/3/2019 12:30	0:01	KS	0.013	2.429	Oversupply
4/3/2019 12:30	0:01	SMRR	0.013	1.849	Oversupply
4/3/2019 12:31	0:01	KS	0.013	2.102	Oversupply
4/3/2019 12:31	0:01	SMRR	0.013	1.936	Oversupply
4/3/2019 12:32	0:01	KS	0.013	2.012	Oversupply
4/3/2019 12:32	0:01	SMRR	0.013	0.997	Oversupply
4/3/2019 12:32	0:01	SMRR	0.013	1.395	Oversupply
4/3/2019 12:33	0:01	KS	0.013	1.688	Oversupply
4/3/2019 12:33	0:01	SMRR	0.013	2.148	Oversupply
4/3/2019 12:33	0:01	KS	0.013	1.333	Oversupply
4/3/2019 12:34	0:01	SMRR	0.013	2.358	Oversupply
4/3/2019 12:34	0:01	KS	0.013	1.829	Oversupply
4/3/2019 12:35	0:01	SMRR	0.013	2.465	Oversupply
4/3/2019 12:35	0:01	KS	0.014	2.318	Oversupply
4/3/2019 12:36	0:01	KS	0.014	2.636	Oversupply
4/3/2019 12:36	0:01	SMRR	0.013	2.765	Oversupply
4/3/2019 12:37	0:01	SMRR	0.013	2.517	Oversupply
4/3/2019 12:38	0:01	KS	0.013	2.572	Oversupply
4/3/2019 12:38	0:01	SMRR	0.013	2.315	Oversupply
4/3/2019 12:39	0:01	SMRR	0.013	2.205	Oversupply
4/3/2019 12:39	0:01	KS	0.013	2.524	Oversupply
4/3/2019 12:39	0:01	SMRR	0.013	2.258	Oversupply
4/3/2019 12:40	0:01	KS	0.014	1.975	Oversupply
4/3/2019 12:40	0:01	SMRR	0.013	1.804	Oversupply
4/3/2019 12:40	0:01	KS	0.013	2.508	Oversupply
4/3/2019 12:41	0:01	SMRR	0.013	1.348	Oversupply
4/3/2019 12:41	0:01	KS	0.013	1.854	Oversupply
4/3/2019 12:42	0:01	SMRR	0.013	0.873	Oversupply
4/3/2019 12:42	0:01	KS	0.013	1.108	Oversupply
4/3/2019 12:42	0:01	SMRR	0.013	0.727	Oversupply
4/3/2019 12:43	0:01	KS	0.014	1.141	Oversupply
4/3/2019 12:43	0:01	SMRR	0.013	0.440	Oversupply
4/3/2019 12:44	0:01	KS	0.015	0.825	Oversupply
4/3/2019 12:44	0:01	SMRR	0.014	0.045	Oversupply
4/3/2019 12:45	0:01	SMRR	0.017	0.395	Oversupply
4/3/2019 12:45	0:01	KS	0.019	0.271	Oversupply
4/3/2019 12:45	0:01	SMRR	0.017	0.639	Oversupply
4/3/2019 12:46	0:01	KS	0.019	0.474	Oversupply
4/3/2019 12:46	0:01	SMRR	0.017	1.223	Oversupply
4/3/2019 12:46	0:01	KS	0.019	0.620	Oversupply
4/3/2019 12:47	0:01	SMRR	0.017	1.673	Oversupply
4/3/2019 12:47	0:01	KS	0.019	1.292	Oversupply
4/3/2019 12:48	0:01	SMRR	0.017	1.380	Oversupply
4/3/2019 12:48	0:01	KS	0.019	1.687	Oversupply
4/3/2019 12:48	0:01	SMRR	0.017	1.424	Oversupply
4/3/2019 12:49	0:01	KS	0.019	2.231	Oversupply
4/3/2019 12:49	0:01	SMRR	0.017	1.921	Oversupply
4/3/2019 12:50	0:01	KS	0.019	1.691	Oversupply
4/3/2019 12:50	0:01	SMRR	0.017	2.101	Oversupply
4/3/2019 12:51	0:01	KS	0.020	2.234	Oversupply
4/3/2019 12:52	0:01	SMRR	0.017	2.288	Oversupply



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4/3/2019 12:52	0:01	KS	0.019	2.129	Oversupply
4/3/2019 12:52	0:01	SMRR	0.017	2.512	Oversupply
4/3/2019 12:52	0:01	KS	0.019	2.712	Oversupply
4/3/2019 12:53	0:01	SMRR	0.017	1.988	Oversupply
4/3/2019 12:53	0:01	KS	0.019	2.799	Oversupply
4/3/2019 12:54	0:01	SMRR	0.017	1.423	Oversupply
4/3/2019 12:54	0:01	KS	0.019	1.771	Oversupply
4/3/2019 12:55	0:01	SMRR	0.017	1.169	Oversupply
4/3/2019 12:55	0:01	KS	0.019	1.797	Oversupply
4/3/2019 12:55	0:01	SMRR	0.017	0.953	Oversupply
4/3/2019 12:56	0:01	KS	0.019	1.009	Oversupply
4/3/2019 12:56	0:01	SMRR	0.017	0.855	Oversupply
4/3/2019 12:57	0:01	KS	0.019	1.093	Oversupply
4/3/2019 12:57	0:01	SMRR	0.017	0.772	Oversupply
4/3/2019 12:58	0:01	SMRR	0.017	1.499	Oversupply
4/3/2019 12:58	0:01	KS	0.019	1.006	Oversupply
4/3/2019 12:58	0:01	SMRR	0.017	2.026	Oversupply
4/3/2019 12:59	0:01	KS	0.019	1.034	Oversupply
4/3/2019 12:59	0:01	SMRR	0.025	2.153	Oversupply
4/3/2019 12:59	0:01	KS	0.029	1.928	Oversupply
4/3/2019 13:00	0:01	KS	0.031	2.342	Oversupply
4/3/2019 13:01	0:01	SMRR	0.020	1.119	Oversupply
4/3/2019 13:02	0:01	SMRR	0.020	1.166	Oversupply
4/3/2019 13:03	0:01	KS	0.031	1.984	Oversupply
4/3/2019 13:03	0:01	SMRR	0.020	0.392	Oversupply
4/3/2019 13:04	0:01	BS250	Data is not available	Data is not available	Oversupply
4/3/2019 13:04	0:01	KS	0.031	1.173	Oversupply
4/3/2019 13:04	0:01	SMRR	0.019	0.061	Oversupply
4/3/2019 13:05	0:01	SMRR	0.020	0.135	Oversupply
4/3/2019 13:05	0:01	KS	0.031	0.374	Oversupply
4/3/2019 13:05	2:02	SMRR	5.179	0.018	Oversupply
4/3/2019 13:05	0:01	KS	0.031	0.499	Oversupply
4/3/2019 13:06	2:08	BS250	Data is not available	Data is not available	Oversupply
4/3/2019 13:06	2:03	KS	5.745	0.227	Oversupply
4/3/2019 13:07	2:01	KWP11	14.978	19.119	Oversupply
4/3/2019 15:07	0:01	SMRR	0.028	-0.003	Oversupply
4/3/2019 15:08	0:05	SMRR	0.201	-0.003	Oversupply
4/3/2019 15:09	0:06	KWP11	0.167	18.240	Oversupply
4/3/2019 15:09	0:06	KS	0.275	0.287	Oversupply
4/3/2019 15:14	0:01	SMRR	0.029	-0.003	Oversupply
4/3/2019 15:14	0:01	SMRR	0.020	-0.003	Oversupply
4/3/2019 15:15	0:01	KS	0.016	0.136	Oversupply
4/3/2019 15:15	0:01	SMRR	0.017	-0.004	Oversupply
4/3/2019 15:16	0:01	KS	0.016	1.021	Oversupply
4/3/2019 15:16	0:01	SMRR	0.016	-0.004	Oversupply
4/3/2019 15:17	0:01	KS	0.016	1.328	Oversupply
4/3/2019 15:17	0:01	SMRR	0.017	-0.004	Oversupply
4/3/2019 15:17	0:01	SMRR	0.017	0.081	Oversupply
4/3/2019 15:17	0:01	KS	0.016	1.516	Oversupply
4/3/2019 15:18	0:01	SMRR	0.017	0.373	Oversupply
4/3/2019 15:18	0:01	KS	0.016	2.689	Oversupply
4/3/2019 15:19	0:01	SMRR	0.016	0.703	Oversupply
4/3/2019 15:19	0:01	KS	0.016	2.013	Oversupply
4/3/2019 15:20	0:01	SMRR	0.017	1.105	Oversupply
4/3/2019 15:20	0:01	KS	0.016	2.359	Oversupply
4/3/2019 15:21	0:01	KS	0.016	2.724	Oversupply
4/3/2019 15:22	0:01	SMRR	0.016	2.187	Oversupply
4/3/2019 15:23	0:01	SMRR	0.017	2.150	Oversupply
4/3/2019 15:23	0:01	KS	0.016	2.718	Oversupply
4/3/2019 15:24	0:01	SMRR	0.017	1.135	Oversupply
4/3/2019 15:24	0:01	SMRR	0.016	0.833	Oversupply
4/3/2019 15:24	0:01	KS	0.016	1.456	Oversupply
4/3/2019 15:25	0:01	SMRR	0.017	0.990	Oversupply
4/3/2019 15:25	0:01	KS	0.016	1.286	Oversupply
4/3/2019 15:26	0:01	SMRR	0.016	0.446	Oversupply
4/3/2019 15:26	0:01	KS	0.016	1.121	Oversupply
4/3/2019 15:27	0:01	SMRR	0.017	0.617	Oversupply
4/3/2019 15:27	0:01	KS	0.016	0.606	Oversupply
4/3/2019 15:27	0:01	SMRR	0.017	0.102	Oversupply
4/3/2019 15:28	0:01	KWP11	0.000	17.650	Oversupply
4/3/2019 15:28	0:01	KS	0.016	0.816	Oversupply
4/3/2019 15:28	0:01	SMRR	0.017	0.758	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/3/2019 15:29	0:01	KS	0.016	0.174	Oversupply
4/3/2019 15:29	0:01	SMRR	0.015	1.428	Oversupply
4/3/2019 15:30	0:01	KS	0.002	1.191	Oversupply
4/3/2019 15:30	0:01	SMRR	0.002	2.081	Oversupply
4/3/2019 15:30	0:01	SMRR	0.002	2.088	Oversupply
4/3/2019 15:31	0:01	SMRR	0.002	2.077	Oversupply
4/3/2019 15:31	0:01	KS	0.002	2.477	Oversupply
4/3/2019 15:32	0:01	SMRR	0.002	1.750	Oversupply
4/3/2019 15:32	0:01	KS	0.002	2.023	Oversupply
4/3/2019 15:33	0:01	SMRR	0.002	1.897	Oversupply
4/3/2019 15:33	0:01	KS	0.002	2.211	Oversupply
4/3/2019 15:33	0:01	SMRR	0.002	2.073	Oversupply
4/3/2019 15:34	0:01	KS	0.002	2.114	Oversupply
4/3/2019 15:35	0:01	KS	0.002	2.441	Oversupply
4/3/2019 15:36	0:01	KS	0.002	2.626	Oversupply
4/3/2019 23:52	0:01	KWPPII	0.002	20.708	Oversupply
4/3/2019 23:54	0:39	KWPPII	2.824	20.708	Oversupply
4/4/2019 1:56	0:02	KWPPII	0.043	20.607	Oversupply
4/4/2019 2:02	0:01	KWP	0.001	24.343	Oversupply
4/4/2019 2:05	0:13	KWPPII	0.510	20.658	Oversupply
4/4/2019 2:19	0:01	KWPPII	0.002	20.578	Oversupply
4/4/2019 2:36	0:01	KWPPII	0.003	20.553	Oversupply
4/4/2019 2:40	1:28	KWPPII	7.434	20.708	Oversupply
4/4/2019 4:11	0:12	KWPPII	0.201	20.679	Oversupply
4/4/2019 4:24	0:03	KWPPII	0.036	20.707	Oversupply
4/4/2019 4:39	0:07	KWPPII	0.092	20.673	Oversupply
4/4/2019 8:07	0:01	SMRR	0.002	1.033	Oversupply
4/4/2019 8:07	0:01	SMRR	0.002	1.043	Oversupply
4/4/2019 8:08	0:01	KS	0.002	0.721	Oversupply
4/4/2019 8:08	0:01	SMRR	0.002	0.743	Oversupply
4/4/2019 8:09	0:01	KS	0.002	0.735	Oversupply
4/4/2019 8:09	0:01	SMRR	0.002	0.877	Oversupply
4/4/2019 8:10	0:01	SMRR	0.002	0.521	Oversupply
4/4/2019 8:10	0:01	KS	0.002	0.669	Oversupply
4/4/2019 8:10	0:01	SMRR	0.002	0.545	Oversupply
4/4/2019 8:11	0:01	KS	0.002	0.533	Oversupply
4/4/2019 8:12	0:01	SMRR	0.002	1.112	Oversupply
4/4/2019 8:13	0:01	SMRR	0.002	0.902	Oversupply
4/4/2019 8:13	0:01	KS	0.002	0.797	Oversupply
4/4/2019 8:13	0:01	SMRR	0.002	1.079	Oversupply
4/4/2019 8:14	0:01	SMRR	-0.001	1.138	Oversupply
4/4/2019 8:33	0:01	SMRR	0.006	1.387	Oversupply
4/4/2019 8:35	0:01	SMRR	0.006	1.408	Oversupply
4/4/2019 8:37	0:01	SMRR	0.006	1.296	Oversupply
4/4/2019 8:38	0:01	KS	-0.001	1.215	Oversupply
4/4/2019 8:38	0:01	SMRR	0.006	1.443	Oversupply
4/4/2019 8:39	0:01	SMRR	0.006	0.799	Oversupply
4/4/2019 8:40	0:01	SMRR	0.006	0.685	Oversupply
4/4/2019 8:40	0:01	KS	-0.001	1.097	Oversupply
4/4/2019 8:40	0:01	SMRR	0.006	0.804	Oversupply
4/4/2019 8:41	0:01	KS	-0.001	0.457	Oversupply
4/4/2019 8:41	0:01	SMRR	0.006	0.297	Oversupply
4/4/2019 8:41	0:01	KS	-0.001	0.822	Oversupply
4/4/2019 8:42	0:01	BS250	Data is not available	Data is not available	Oversupply
4/4/2019 8:42	0:01	SMRR	0.006	0.004	Oversupply
4/4/2019 8:42	0:01	KS	-0.001	0.343	Oversupply
4/4/2019 8:43	0:02	KWPPII	0.022	16.332	Oversupply
4/4/2019 8:43	0:01	SMRR	0.006	0.100	Oversupply
4/4/2019 8:43	0:01	KS	-0.001	0.014	Oversupply
4/4/2019 8:43	0:01	SMRR	0.006	0.021	Oversupply
4/4/2019 8:44	0:01	KS	0.001	0.050	Oversupply
4/4/2019 8:44	0:01	SMRR	0.008	0.014	Oversupply
4/4/2019 8:45	0:01	BS250	Data is not available	Data is not available	Oversupply
4/4/2019 8:45	0:01	KS	0.005	0.009	Oversupply
4/4/2019 8:45	0:01	SMRR	0.012	0.006	Oversupply
4/4/2019 8:46	0:01	KWPPII	0.010	17.007	Oversupply
4/4/2019 8:46	0:01	SMRR	0.012	0.255	Oversupply
4/4/2019 8:46	0:01	KS	0.006	0.121	Oversupply
4/4/2019 8:46	0:01	SMRR	0.012	0.831	Oversupply
4/4/2019 8:47	0:01	KS	0.006	0.064	Oversupply
4/4/2019 8:47	0:01	SMRR	0.012	0.790	Oversupply
4/4/2019 8:47	0:01	KS	0.006	0.792	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/4/2019 8:48	0:01	SMRR	0.012	0.046	Oversupply
4/4/2019 8:48	0:01	KS	0.005	0.927	Oversupply
4/4/2019 8:49	0:01	SMRR	0.012	0.345	Oversupply
4/4/2019 8:49	0:01	KS	0.006	0.145	Oversupply
4/4/2019 8:49	0:01	SMRR	0.012	0.656	Oversupply
4/4/2019 8:50	0:01	KS	0.006	0.200	Oversupply
4/4/2019 8:50	0:01	SMRR	0.012	0.826	Oversupply
4/4/2019 8:51	0:01	KS	0.006	0.844	Oversupply
4/4/2019 8:51	0:01	SMRR	0.012	1.028	Oversupply
4/4/2019 8:52	0:01	KS	0.006	0.949	Oversupply
4/4/2019 8:52	0:01	SMRR	0.012	1.582	Oversupply
4/4/2019 8:53	0:01	SMRR	0.012	1.232	Oversupply
4/4/2019 8:53	0:01	KS	0.006	0.965	Oversupply
4/4/2019 8:53	0:01	SMRR	0.012	1.598	Oversupply
4/4/2019 8:53	0:01	KS	0.006	0.978	Oversupply
4/4/2019 8:54	0:01	SMRR	0.012	1.595	Oversupply
4/4/2019 8:55	0:01	SMRR	0.012	1.184	Oversupply
4/4/2019 8:55	0:01	KS	0.006	1.204	Oversupply
4/4/2019 8:56	0:01	SMRR	0.012	0.236	Oversupply
4/4/2019 8:56	0:01	KS	0.006	1.310	Oversupply
4/4/2019 8:56	0:54	SMRR	1.663	0.025	Oversupply
4/4/2019 8:57	0:26	BS250	Data is not available	Data is not available	Oversupply
4/4/2019 8:57	0:26	KWPPII	0.973	20.022	Oversupply
4/4/2019 8:57	0:01	KS	0.006	0.436	Oversupply
4/4/2019 8:58	0:26	KS	0.459	0.016	Oversupply
4/4/2019 9:24	0:33	BS250	Data is not available	Data is not available	Oversupply
4/4/2019 9:24	0:33	KWPPII	1.271	18.316	Oversupply
4/4/2019 9:24	0:01	KS	0.017	0.051	Oversupply
4/4/2019 9:24	0:01	KS	0.017	0.001	Oversupply
4/4/2019 9:25	0:32	KS	0.712	0.000	Oversupply
4/4/2019 9:50	0:01	SMRR	0.028	0.007	Oversupply
4/4/2019 9:51	0:05	SMRR	0.192	0.013	Oversupply
4/4/2019 9:56	0:01	SMRR	0.028	0.056	Oversupply
4/4/2019 9:57	0:01	SMRR	0.028	0.337	Oversupply
4/4/2019 9:57	0:01	KS	0.020	0.018	Oversupply
4/4/2019 9:58	0:03	BS250	Data is not available	Data is not available	Oversupply
4/4/2019 9:58	0:03	SMRR	0.112	0.110	Oversupply
4/4/2019 9:58	0:01	KS	0.020	0.350	Oversupply
4/4/2019 9:59	0:03	KWPPII	0.023	14.093	Oversupply
4/4/2019 9:59	0:03	KS	0.064	0.008	Oversupply
4/4/2019 10:01	0:01	SMRR	0.029	0.035	Oversupply
4/4/2019 10:01	0:01	SMRR	0.030	0.096	Oversupply
4/4/2019 10:02	1:20	BS250	Data is not available	Data is not available	Oversupply
4/4/2019 10:02	0:01	KS	0.022	0.005	Oversupply
4/4/2019 10:02	1:15	SMRR	3.185	0.003	Oversupply
4/4/2019 10:02	0:01	KS	0.022	0.164	Oversupply
4/4/2019 10:03	1:21	KWPPII	4.623	14.941	Oversupply
4/4/2019 10:03	1:15	KS	2.109	0.013	Oversupply
4/4/2019 11:17	0:05	SMRR	0.191	0.032	Oversupply
4/4/2019 11:18	0:04	KS	0.125	0.017	Oversupply
4/4/2019 11:22	0:01	SMRR	0.032	0.083	Oversupply
4/4/2019 11:22	0:01	SMRR	0.031	0.014	Oversupply
4/4/2019 11:23	0:01	BS250	Data is not available	Data is not available	Oversupply
4/4/2019 11:23	0:01	KS	0.025	0.119	Oversupply
4/4/2019 11:23	0:01	SMRR	0.032	0.302	Oversupply
4/4/2019 11:24	0:01	KS	0.025	0.001	Oversupply
4/4/2019 11:24	0:01	SMRR	0.032	0.312	Oversupply
4/4/2019 11:25	0:01	KS	0.025	0.437	Oversupply
4/4/2019 11:25	0:01	SMRR	0.032	0.320	Oversupply
4/4/2019 11:25	0:01	KS	0.025	0.356	Oversupply
4/4/2019 11:25	0:01	SMRR	0.031	0.102	Oversupply
4/4/2019 11:26	0:01	SMRR	0.032	0.285	Oversupply
4/4/2019 11:26	0:01	KS	0.025	0.197	Oversupply
4/4/2019 11:27	0:01	SMRR	0.032	0.765	Oversupply
4/4/2019 11:27	0:01	KS	0.025	0.369	Oversupply
4/4/2019 11:28	0:01	SMRR	0.032	0.728	Oversupply
4/4/2019 11:28	0:01	KS	0.025	0.646	Oversupply
4/4/2019 11:28	0:01	SMRR	0.032	0.911	Oversupply
4/4/2019 11:29	0:01	KS	0.022	0.718	Oversupply
4/4/2019 11:29	0:01	SMRR	0.026	1.133	Oversupply
4/4/2019 11:30	0:01	KS	0.015	1.024	Oversupply
4/4/2019 11:30	0:01	SMRR	0.025	1.143	Oversupply





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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/4/2019 11:31	0:01	KS	0.015	1.169	Oversupply
4/4/2019 11:31	0:01	SMRR	0.025	0.884	Oversupply
4/4/2019 11:31	0:01	KS	0.015	1.044	Oversupply
4/4/2019 11:32	0:01	SMRR	0.025	0.928	Oversupply
4/4/2019 11:32	0:01	SMRR	0.024	0.976	Oversupply
4/4/2019 11:32	0:01	KS	0.015	0.887	Oversupply
4/4/2019 11:33	0:01	SMRR	0.025	1.165	Oversupply
4/4/2019 11:33	0:01	KS	0.015	0.957	Oversupply
4/4/2019 11:34	0:01	SMRR	0.025	1.192	Oversupply
4/4/2019 11:34	0:01	KS	0.015	1.073	Oversupply
4/4/2019 11:35	0:01	SMRR	0.025	1.014	Oversupply
4/4/2019 11:35	0:01	KS	0.015	1.190	Oversupply
4/4/2019 11:35	0:01	SMRR	0.024	1.027	Oversupply
4/4/2019 11:36	0:01	KS	0.015	0.995	Oversupply
4/4/2019 11:36	0:01	SMRR	0.025	0.687	Oversupply
4/4/2019 11:37	0:01	KS	0.015	1.025	Oversupply
4/4/2019 11:37	0:01	SMRR	0.025	0.783	Oversupply
4/4/2019 11:38	0:01	KS	0.015	0.838	Oversupply
4/4/2019 11:38	0:01	SMRR	0.025	0.334	Oversupply
4/4/2019 11:38	0:01	KS	0.015	0.467	Oversupply
4/4/2019 11:38	0:01	SMRR	0.024	0.887	Oversupply
4/4/2019 11:39	0:01	SMRR	0.025	0.013	Oversupply
4/4/2019 11:39	0:01	KS	0.015	0.801	Oversupply
4/4/2019 11:40	0:01	SMRR	0.025	0.863	Oversupply
4/4/2019 11:40	0:01	KS	0.015	0.426	Oversupply
4/4/2019 11:41	0:01	SMRR	0.025	1.027	Oversupply
4/4/2019 11:41	0:01	KS	0.015	0.661	Oversupply
4/4/2019 11:41	0:01	SMRR	0.025	0.555	Oversupply
4/4/2019 11:42	0:01	KS	0.015	1.046	Oversupply
4/4/2019 11:42	0:01	SMRR	0.025	0.976	Oversupply
4/4/2019 11:43	0:01	KS	0.015	0.555	Oversupply
4/4/2019 11:43	0:01	SMRR	0.025	1.015	Oversupply
4/4/2019 11:44	0:01	KS	0.015	1.064	Oversupply
4/4/2019 11:44	0:01	SMRR	0.025	0.720	Oversupply
4/4/2019 11:44	0:01	KS	0.017	0.819	Oversupply
4/4/2019 11:45	0:01	SMRR	0.028	1.007	Oversupply
4/4/2019 11:45	0:01	KS	0.018	0.881	Oversupply
4/4/2019 11:45	0:01	SMRR	0.028	1.118	Oversupply
4/4/2019 11:46	0:01	SMRR	0.028	1.005	Oversupply
4/4/2019 11:46	0:01	KS	0.018	1.058	Oversupply
4/4/2019 11:47	0:01	SMRR	0.028	0.911	Oversupply
4/4/2019 11:47	0:01	KS	0.018	1.361	Oversupply
4/4/2019 11:48	0:01	SMRR	0.028	0.923	Oversupply
4/4/2019 11:48	0:01	KS	0.018	0.838	Oversupply
4/4/2019 11:48	0:01	SMRR	0.028	0.876	Oversupply
4/4/2019 11:49	0:01	KS	0.018	1.042	Oversupply
4/4/2019 11:49	0:01	SMRR	0.028	0.760	Oversupply
4/4/2019 11:50	0:01	KS	0.018	0.964	Oversupply
4/4/2019 11:50	0:01	SMRR	0.028	0.430	Oversupply
4/4/2019 11:50	0:01	KS	0.018	0.656	Oversupply
4/4/2019 11:51	0:01	SMRR	0.028	0.013	Oversupply
4/4/2019 11:51	0:01	KS	0.018	0.199	Oversupply
4/4/2019 11:51	0:01	SMRR	0.028	0.152	Oversupply
4/4/2019 11:52	0:01	SMRR	0.028	0.370	Oversupply
4/4/2019 11:52	0:01	KS	0.018	0.057	Oversupply
4/4/2019 11:53	0:01	SMRR	0.028	0.343	Oversupply
4/4/2019 11:53	0:01	KS	0.018	0.157	Oversupply
4/4/2019 11:54	0:01	SMRR	0.028	0.347	Oversupply
4/4/2019 11:54	0:02	KS	0.036	0.447	Oversupply
4/4/2019 11:54	0:01	SMRR	0.028	0.505	Oversupply
4/4/2019 11:55	0:01	SMRR	0.029	0.652	Oversupply
4/4/2019 11:56	0:01	KS	0.018	0.688	Oversupply
4/4/2019 11:56	0:01	SMRR	0.028	0.622	Oversupply
4/4/2019 11:57	0:01	KS	0.018	0.690	Oversupply
4/4/2019 11:57	0:01	SMRR	0.028	0.663	Oversupply
4/4/2019 11:57	0:01	KS	0.018	0.644	Oversupply
4/4/2019 11:58	0:01	SMRR	0.028	0.499	Oversupply
4/4/2019 11:58	0:01	KS	0.018	0.486	Oversupply
4/4/2019 11:58	0:01	SMRR	0.028	0.992	Oversupply
4/4/2019 11:59	0:01	SMRR	0.027	0.631	Oversupply
4/4/2019 11:59	0:01	KS	0.015	0.779	Oversupply
4/4/2019 12:00	0:01	SMRR	0.022	0.908	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/4/2019 12:00	0:01	KS	0.012	0.850	Oversupply
4/4/2019 12:01	0:01	SMRR	0.022	0.892	Oversupply
4/4/2019 12:01	0:01	KS	0.012	0.830	Oversupply
4/4/2019 12:01	0:01	SMRR	0.022	0.827	Oversupply
4/4/2019 12:02	0:01	KS	0.012	0.914	Oversupply
4/4/2019 12:02	0:01	SMRR	0.023	0.847	Oversupply
4/4/2019 12:03	0:01	KS	0.012	0.845	Oversupply
4/4/2019 12:03	0:01	SMRR	0.022	1.000	Oversupply
4/4/2019 12:03	0:01	KS	0.012	0.973	Oversupply
4/4/2019 12:04	0:01	SMRR	0.022	1.247	Oversupply
4/4/2019 12:04	0:01	KS	0.012	1.096	Oversupply
4/4/2019 12:04	0:01	SMRR	0.022	1.319	Oversupply
4/4/2019 12:05	0:01	KS	0.011	1.216	Oversupply
4/4/2019 12:05	0:01	SMRR	0.022	0.837	Oversupply
4/4/2019 12:06	0:01	SMRR	0.022	1.001	Oversupply
4/4/2019 12:06	0:01	KS	0.011	1.252	Oversupply
4/4/2019 12:07	0:01	SMRR	0.022	1.005	Oversupply
4/4/2019 12:07	0:01	KS	0.012	0.920	Oversupply
4/4/2019 12:08	0:01	SMRR	0.022	1.200	Oversupply
4/4/2019 12:08	0:01	KS	0.012	1.032	Oversupply
4/4/2019 12:08	0:01	SMRR	0.022	1.254	Oversupply
4/4/2019 12:09	0:01	KS	0.011	1.194	Oversupply
4/4/2019 12:09	0:01	SMRR	0.022	1.769	Oversupply
4/4/2019 12:09	0:01	KS	0.012	1.292	Oversupply
4/4/2019 12:10	0:01	SMRR	0.022	1.700	Oversupply
4/4/2019 12:10	0:01	KS	0.012	1.809	Oversupply
4/4/2019 12:11	0:01	SMRR	0.023	1.204	Oversupply
4/4/2019 12:11	0:01	KS	0.012	1.552	Oversupply
4/4/2019 12:11	0:01	SMRR	0.022	1.006	Oversupply
4/4/2019 12:12	0:01	KS	0.012	1.034	Oversupply
4/4/2019 12:12	0:01	SMRR	0.022	1.067	Oversupply
4/4/2019 12:13	0:01	SMRR	0.022	1.307	Oversupply
4/4/2019 12:13	0:01	KS	0.012	1.340	Oversupply
4/4/2019 12:14	0:01	SMRR	0.023	0.884	Oversupply
4/4/2019 12:14	0:01	KS	0.012	1.266	Oversupply
4/4/2019 12:14	0:01	SMRR	0.024	0.856	Oversupply
4/4/2019 12:15	0:01	KS	0.013	1.128	Oversupply
4/4/2019 12:15	0:01	SMRR	0.024	0.433	Oversupply
4/4/2019 12:15	0:01	KS	0.013	0.975	Oversupply
4/4/2019 12:16	0:01	SMRR	0.024	0.886	Oversupply
4/4/2019 12:16	0:01	KS	0.013	0.540	Oversupply
4/4/2019 12:17	0:01	SMRR	0.024	0.239	Oversupply
4/4/2019 12:17	0:01	KS	0.013	0.928	Oversupply
4/4/2019 12:17	0:01	SMRR	0.024	0.767	Oversupply
4/4/2019 12:18	0:01	KS	0.013	0.225	Oversupply
4/4/2019 12:18	0:01	SMRR	0.024	0.845	Oversupply
4/4/2019 12:19	0:01	KS	0.013	1.123	Oversupply
4/4/2019 12:19	0:01	SMRR	0.024	0.307	Oversupply
4/4/2019 12:20	0:01	SMRR	0.024	0.489	Oversupply
4/4/2019 12:20	0:01	KS	0.013	0.470	Oversupply
4/4/2019 12:21	0:01	SMRR	0.024	1.087	Oversupply
4/4/2019 12:21	0:01	KS	0.013	0.299	Oversupply
4/4/2019 12:21	0:01	SMRR	0.024	1.514	Oversupply
4/4/2019 12:22	0:01	KS	0.013	0.999	Oversupply
4/4/2019 12:22	0:01	SMRR	0.024	0.817	Oversupply
4/4/2019 12:22	0:01	KS	0.013	1.423	Oversupply
4/4/2019 12:23	0:01	SMRR	0.024	1.721	Oversupply
4/4/2019 12:23	0:01	KS	0.013	0.949	Oversupply
4/4/2019 12:24	0:01	SMRR	0.024	1.575	Oversupply
4/4/2019 12:24	0:01	KS	0.013	1.764	Oversupply
4/4/2019 12:24	0:01	SMRR	0.024	1.420	Oversupply
4/4/2019 12:25	0:01	KS	0.013	1.439	Oversupply
4/4/2019 12:25	0:01	SMRR	0.024	1.224	Oversupply
4/4/2019 12:26	0:01	KS	0.013	1.225	Oversupply
4/4/2019 12:26	0:01	SMRR	0.025	1.369	Oversupply
4/4/2019 12:27	0:01	SMRR	0.024	1.439	Oversupply
4/4/2019 12:27	0:02	KS	0.026	1.408	Oversupply
4/4/2019 12:27	0:01	SMRR	0.024	0.989	Oversupply
4/4/2019 12:28	0:01	SMRR	0.024	1.076	Oversupply
4/4/2019 12:28	0:01	KS	0.013	0.967	Oversupply
4/4/2019 12:29	0:01	SMRR	0.023	1.049	Oversupply
4/4/2019 12:29	0:01	KS	0.009	1.058	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/4/2019 12:30	0:01	SMRR	0.019	0.913	Oversupply
4/4/2019 12:30	0:01	KS	0.008	1.023	Oversupply
4/4/2019 12:30	0:01	SMRR	0.020	1.757	Oversupply
4/4/2019 12:31	0:01	KS	0.008	0.938	Oversupply
4/4/2019 12:31	0:01	SMRR	0.019	2.006	Oversupply
4/4/2019 12:32	0:01	SMRR	0.019	1.583	Oversupply
4/4/2019 12:33	0:01	KS	0.008	1.905	Oversupply
4/4/2019 12:33	0:01	SMRR	0.019	1.450	Oversupply
4/4/2019 12:34	0:01	SMRR	0.019	1.690	Oversupply
4/4/2019 12:34	0:01	KS	0.008	1.666	Oversupply
4/4/2019 12:34	0:01	SMRR	0.019	1.079	Oversupply
4/4/2019 12:34	0:01	KS	0.008	1.579	Oversupply
4/4/2019 12:35	0:01	SMRR	0.019	1.037	Oversupply
4/4/2019 12:35	0:01	KS	0.008	1.381	Oversupply
4/4/2019 12:36	0:01	SMRR	0.019	1.300	Oversupply
4/4/2019 12:36	0:01	KS	0.008	1.068	Oversupply
4/4/2019 12:37	0:01	SMRR	0.019	1.233	Oversupply
4/4/2019 12:37	0:01	KS	0.008	1.265	Oversupply
4/4/2019 12:37	0:01	SMRR	0.019	1.778	Oversupply
4/4/2019 12:38	0:01	KS	0.008	1.293	Oversupply
4/4/2019 12:38	0:01	SMRR	0.019	1.151	Oversupply
4/4/2019 12:39	0:01	KS	0.008	1.705	Oversupply
4/4/2019 12:39	0:01	SMRR	0.019	1.483	Oversupply
4/4/2019 12:40	0:01	SMRR	0.019	1.467	Oversupply
4/4/2019 12:40	0:01	KS	0.008	1.326	Oversupply
4/4/2019 12:40	0:01	SMRR	0.020	1.415	Oversupply
4/4/2019 12:41	0:01	KS	0.008	1.410	Oversupply
4/4/2019 12:41	0:01	SMRR	0.019	0.827	Oversupply
4/4/2019 12:41	0:01	KS	0.008	1.713	Oversupply
4/4/2019 12:42	0:01	SMRR	0.019	0.973	Oversupply
4/4/2019 12:42	0:01	KS	0.008	0.922	Oversupply
4/4/2019 12:43	0:01	SMRR	0.019	0.997	Oversupply
4/4/2019 12:43	0:01	KS	0.008	0.912	Oversupply
4/4/2019 12:43	0:01	SMRR	0.019	1.774	Oversupply
4/4/2019 12:44	0:01	KS	0.004	1.233	Oversupply
4/4/2019 12:44	0:01	SMRR	0.009	1.767	Oversupply
4/4/2019 12:45	0:01	KS	-0.003	1.647	Oversupply
4/4/2019 12:45	0:01	SMRR	0.003	2.096	Oversupply
4/4/2019 12:46	0:01	KS	-0.003	1.836	Oversupply
4/4/2019 12:47	0:01	SMRR	0.003	2.267	Oversupply
4/4/2019 12:48	0:01	SMRR	0.003	2.398	Oversupply
4/4/2019 12:49	0:01	SMRR	0.003	2.271	Oversupply
4/4/2019 12:50	0:01	SMRR	0.003	2.331	Oversupply
4/4/2019 12:53	0:01	SMRR	0.003	2.801	Oversupply
4/4/2019 12:55	0:01	SMRR	0.003	2.523	Oversupply
4/4/2019 12:56	0:01	SMRR	0.003	2.546	Oversupply
4/4/2019 13:00	0:01	SMRR	0.001	2.701	Oversupply
4/5/2019 13:35	0:01	AWE	0.003	0.200	System constraint
4/8/2019 3:02	0:01	KWP2	0.004	17.639	Oversupply
4/8/2019 3:05	0:02	KWP2	0.007	17.947	Oversupply
4/8/2019 3:18	0:02	KWP2	0.009	17.467	Oversupply
4/8/2019 21:21	0:01	AWE	0.002	0.100	Oversupply
4/9/2019 0:16	1:00	KWP2	4.386	19.165	Oversupply
4/9/2019 1:19	0:01	KWP2	0.005	18.284	Oversupply
4/9/2019 1:22	0:03	KWP2	0.026	18.775	Oversupply
4/9/2019 1:26	0:01	KWP2	0.003	18.625	Oversupply
4/9/2019 1:28	3:38	KWP2	17.544	19.204	Oversupply
4/9/2019 8:58	0:19	KWP2	1.323	20.572	Oversupply
4/9/2019 9:05	0:12	BS250	Data is not available	Data is not available	Oversupply
4/9/2019 9:05	0:11	SMRR	0.169	1.375	Oversupply
4/9/2019 9:06	0:12	KS	0.035	0.305	Oversupply
4/9/2019 9:16	0:01	SMRR	0.009	-0.003	Oversupply
4/9/2019 9:17	0:01	SMRR	0.009	-0.002	Oversupply
4/9/2019 9:18	0:01	KS	0.002	0.597	Oversupply
4/9/2019 9:24	0:01	SMRR	0.009	1.898	Oversupply
4/9/2019 9:26	0:01	SMRR	0.009	1.913	Oversupply
4/9/2019 9:26	0:01	KS	0.002	0.534	Oversupply
4/9/2019 9:28	0:01	KS	0.002	0.551	Oversupply
4/9/2019 9:34	0:01	SMRR	0.005	1.994	Oversupply
4/9/2019 9:39	0:01	SMRR	0.005	2.041	Oversupply
4/9/2019 9:40	0:01	SMRR	0.005	1.661	Oversupply
4/9/2019 9:40	0:01	SMRR	0.005	1.528	Oversupply



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4/9/2019 9:41	0:01	KS	0.000	0.658	Oversupply
4/9/2019 9:41	0:01	SMRR	0.005	1.128	Oversupply
4/9/2019 9:41	0:01	KS	0.000	0.679	Oversupply
4/9/2019 9:42	0:01	SMRR	0.005	1.193	Oversupply
4/9/2019 9:42	0:01	KS	0.000	0.689	Oversupply
4/9/2019 9:43	0:01	SMRR	0.005	0.699	Oversupply
4/9/2019 9:43	0:01	KS	0.000	0.567	Oversupply
4/9/2019 9:43	0:05	SMRR	0.080	0.020	Oversupply
4/9/2019 9:44	0:05	BS250	Data is not available	Data is not available	Oversupply
4/9/2019 9:44	0:01	KS	0.001	0.948	Oversupply
4/9/2019 9:45	0:05	KWP II	0.056	19.653	Oversupply
4/9/2019 9:45	0:05	KS	0.032	0.021	Oversupply
4/9/2019 9:49	0:01	SMRR	0.013	-0.002	Oversupply
4/9/2019 9:50	0:01	SMRR	0.013	0.231	Oversupply
4/9/2019 9:50	0:01	KS	0.005	0.057	Oversupply
4/9/2019 9:50	0:01	SMRR	0.013	0.757	Oversupply
4/9/2019 9:51	0:01	KS	0.005	0.018	Oversupply
4/9/2019 9:51	0:01	SMRR	0.013	1.040	Oversupply
4/9/2019 9:52	0:01	KS	0.005	0.429	Oversupply
4/9/2019 9:52	0:01	SMRR	0.013	1.467	Oversupply
4/9/2019 9:53	0:01	KS	0.005	0.579	Oversupply
4/9/2019 9:53	0:01	SMRR	0.013	2.112	Oversupply
4/9/2019 9:54	0:01	KS	0.005	0.439	Oversupply
4/9/2019 9:54	0:01	KS	0.005	1.092	Oversupply
4/9/2019 10:06	0:01	SMRR	0.002	2.340	Oversupply
4/9/2019 10:06	0:01	SMRR	0.002	2.169	Oversupply
4/9/2019 10:07	0:01	SMRR	0.002	2.071	Oversupply
4/9/2019 10:07	0:01	KS	-0.001	0.812	Oversupply
4/9/2019 10:08	0:01	KS	-0.001	0.922	Oversupply
4/9/2019 10:16	0:01	SMRR	0.019	1.547	Oversupply
4/9/2019 10:17	0:01	SMRR	0.019	1.452	Oversupply
4/9/2019 10:18	0:01	SMRR	0.019	1.283	Oversupply
4/9/2019 10:18	0:01	KS	0.003	1.771	Oversupply
4/9/2019 10:19	0:01	SMRR	0.018	0.312	Oversupply
4/9/2019 10:19	0:01	SMRR	0.019	0.786	Oversupply
4/9/2019 10:19	0:01	KS	0.003	0.998	Oversupply
4/9/2019 10:20	0:01	SMRR	0.019	1.276	Oversupply
4/9/2019 10:20	0:01	KS	0.003	0.362	Oversupply
4/9/2019 10:21	0:01	KS	0.003	0.693	Oversupply
4/9/2019 10:22	0:01	SMRR	0.019	0.508	Oversupply
4/9/2019 10:22	0:01	KS	0.003	0.953	Oversupply
4/9/2019 10:22	0:05	SMRR	0.129	0.025	Oversupply
4/9/2019 10:23	0:05	BS250	Data is not available	Data is not available	Oversupply
4/9/2019 10:23	0:05	KWP II	0.175	14.394	Oversupply
4/9/2019 10:23	0:01	KS	0.003	0.754	Oversupply
4/9/2019 10:24	0:05	KS	0.019	0.442	Oversupply
4/9/2019 10:28	0:01	SMRR	0.019	-0.003	Oversupply
4/9/2019 10:28	0:01	SMRR	0.018	0.307	Oversupply
4/9/2019 10:29	0:01	KS	0.001	0.177	Oversupply
4/9/2019 10:30	0:01	KS	0.002	0.787	Oversupply
4/9/2019 10:38	0:01	SMRR	0.003	2.452	Oversupply
4/9/2019 11:00	0:01	SMRR	0.027	2.581	Oversupply
4/9/2019 11:01	0:01	SMRR	0.027	1.828	Oversupply
4/9/2019 11:01	0:01	SMRR	0.027	0.967	Oversupply
4/9/2019 11:02	0:01	KS	0.006	0.839	Oversupply
4/9/2019 11:02	0:01	SMRR	0.027	0.771	Oversupply
4/9/2019 11:03	0:01	KS	0.007	0.789	Oversupply
4/9/2019 11:03	0:01	SMRR	0.027	0.303	Oversupply
4/9/2019 11:03	0:01	KS	0.006	0.370	Oversupply
4/9/2019 11:04	0:01	SMRR	0.027	0.441	Oversupply
4/9/2019 11:04	0:01	KS	0.007	0.178	Oversupply
4/9/2019 11:04	0:01	SMRR	0.027	0.274	Oversupply
4/9/2019 11:05	0:01	SMRR	0.027	0.421	Oversupply
4/9/2019 11:05	0:01	KS	0.006	0.163	Oversupply
4/9/2019 11:06	0:01	SMRR	0.027	0.019	Oversupply
4/9/2019 11:06	0:01	KS	0.007	0.320	Oversupply
4/9/2019 11:07	0:02	BS250	Data is not available	Data is not available	Oversupply
4/9/2019 11:07	0:02	SMRR	0.055	0.024	Oversupply
4/9/2019 11:07	0:01	KS	0.007	0.127	Oversupply
4/9/2019 11:08	0:02	KS	0.013	0.099	Oversupply
4/9/2019 11:08	0:01	SMRR	0.027	-0.003	Oversupply
4/9/2019 11:09	0:01	SMRR	0.027	-0.003	Oversupply



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4/9/2019 11:09	0:01	KS	0.007	0.218	Oversupply
4/9/2019 11:10	0:01	SMRR	0.027	-0.003	Oversupply
4/9/2019 11:10	0:01	KS	0.007	1.086	Oversupply
4/9/2019 11:10	0:01	SMRR	0.027	-0.003	Oversupply
4/9/2019 11:11	0:01	SMRR	0.027	-0.004	Oversupply
4/9/2019 11:12	0:01	SMRR	0.027	0.044	Oversupply
4/9/2019 11:12	0:01	KS	0.007	1.806	Oversupply
4/9/2019 11:13	0:01	SMRR	0.027	0.319	Oversupply
4/9/2019 11:13	0:01	KS	0.007	0.848	Oversupply
4/9/2019 11:13	0:01	SMRR	0.028	0.644	Oversupply
4/9/2019 11:14	0:01	KS	0.006	1.223	Oversupply
4/9/2019 11:14	0:01	SMRR	0.010	1.005	Oversupply
4/9/2019 11:15	0:01	KS	0.000	0.788	Oversupply
4/9/2019 11:16	0:01	KS	0.000	0.817	Oversupply
4/9/2019 11:50	0:01	SMRR	0.002	2.401	Oversupply
4/9/2019 13:12	0:01	SMRR	0.006	2.022	Oversupply
4/9/2019 13:13	0:09	SMRR	0.345	0.818	Oversupply
4/9/2019 13:13	0:01	KS	-0.002	0.770	Oversupply
4/9/2019 13:14	0:09	BS250	Data is not available	Data is not available	Oversupply
4/9/2019 13:14	0:09	KWP11	0.248	13.056	Oversupply
4/9/2019 13:14	0:01	KS	0.002	0.772	Oversupply
4/9/2019 13:15	0:09	KS	0.067	0.703	Oversupply
4/9/2019 13:22	0:01	SMRR	0.034	-0.003	Oversupply
4/9/2019 13:23	0:01	SMRR	0.034	-0.003	Oversupply
4/9/2019 13:23	0:01	SMRR	0.034	-0.003	Oversupply
4/9/2019 13:23	0:01	KS	0.007	0.344	Oversupply
4/9/2019 13:24	0:01	SMRR	0.034	-0.003	Oversupply
4/9/2019 13:24	0:01	KS	0.007	0.803	Oversupply
4/9/2019 13:25	0:01	SMRR	0.034	-0.003	Oversupply
4/9/2019 13:25	0:01	KS	0.007	0.889	Oversupply
4/9/2019 13:26	0:01	SMRR	0.034	0.143	Oversupply
4/9/2019 13:27	0:01	SMRR	0.034	0.412	Oversupply
4/9/2019 13:27	0:01	KS	0.007	0.852	Oversupply
4/9/2019 13:27	0:01	SMRR	0.034	0.841	Oversupply
4/9/2019 13:28	0:01	KS	0.007	0.815	Oversupply
4/9/2019 13:28	0:02	SMRR	0.068	1.681	Oversupply
4/9/2019 13:29	0:01	BS250	Data is not available	Data is not available	Oversupply
4/9/2019 13:29	0:01	KWP11	0.014	10.984	Oversupply
4/9/2019 13:29	0:01	KS	0.007	0.360	Oversupply
4/9/2019 13:30	0:03	KS	0.024	0.015	Oversupply
4/9/2019 13:30	0:01	SMRR	0.030	0.182	Oversupply
4/9/2019 13:30	0:01	SMRR	0.031	0.701	Oversupply
4/9/2019 13:31	0:01	SMRR	0.031	1.344	Oversupply
4/9/2019 13:32	0:01	SMRR	0.030	2.082	Oversupply
4/9/2019 13:32	0:01	KS	0.008	0.336	Oversupply
4/9/2019 13:33	0:01	SMRR	0.032	1.237	Oversupply
4/9/2019 13:33	0:01	KS	0.008	0.873	Oversupply
4/9/2019 13:33	0:01	SMRR	0.030	0.961	Oversupply
4/9/2019 13:34	0:01	KS	0.008	0.883	Oversupply
4/9/2019 13:34	0:01	SMRR	0.032	0.511	Oversupply
4/9/2019 13:35	0:01	KS	0.008	0.485	Oversupply
4/9/2019 13:35	0:01	SMRR	0.030	0.827	Oversupply
4/9/2019 13:36	0:01	KS	0.008	0.191	Oversupply
4/9/2019 13:36	0:01	SMRR	0.031	0.735	Oversupply
4/9/2019 13:36	1:19	SMRR	3.326	0.017	Oversupply
4/9/2019 13:36	0:01	KS	0.008	0.530	Oversupply
4/9/2019 13:37	1:18	BS250	Data is not available	Data is not available	Oversupply
4/9/2019 13:37	0:29	KWP11	2.976	18.137	Oversupply
4/9/2019 13:37	1:19	KS	2.140	0.100	Oversupply
4/9/2019 14:07	0:49	KWP11	5.790	20.299	Oversupply
4/9/2019 14:55	0:01	SMRR	0.025	0.128	Oversupply
4/9/2019 14:56	0:01	KS	0.023	0.022	Oversupply
4/9/2019 14:57	0:01	SMRR	0.025	0.715	Oversupply
4/9/2019 14:57	0:01	SMRR	0.025	1.067	Oversupply
4/9/2019 14:58	0:01	KS	0.023	1.376	Oversupply
4/9/2019 14:59	0:01	KS	0.023	1.220	Oversupply
4/9/2019 14:59	0:01	SMRR	0.020	1.558	Oversupply
4/9/2019 14:59	0:01	KS	0.001	1.176	Oversupply
4/9/2019 15:29	0:01	SMRR	-0.002	0.980	Oversupply
4/9/2019 15:31	0:01	SMRR	-0.001	0.906	Oversupply
4/9/2019 15:32	0:01	KS	0.000	1.274	Oversupply
4/9/2019 15:43	0:01	SMRR	-0.001	2.083	Oversupply



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4/9/2019 15:44	0:01	SMRR	0.004	2.077	Oversupply
4/9/2019 15:44	0:01	KS	0.007	0.904	Oversupply
4/9/2019 15:45	0:01	SMRR	0.018	1.683	Oversupply
4/9/2019 15:45	0:01	KS	0.011	0.845	Oversupply
4/9/2019 15:45	0:01	SMRR	0.017	0.605	Oversupply
4/9/2019 15:46	0:01	KS	0.011	1.193	Oversupply
4/9/2019 15:46	0:01	SMRR	0.018	0.110	Oversupply
4/9/2019 15:47	0:22	BS250	Data is not available	Data is not available	Oversupply
4/9/2019 15:47	0:01	KS	0.011	0.907	Oversupply
4/9/2019 15:47	0:21	SMRR	0.489	0.040	Oversupply
4/9/2019 15:48	0:21	KWPPII	0.973	20.691	Oversupply
4/9/2019 15:48	0:22	KS	0.248	0.170	Oversupply
4/9/2019 16:08	0:01	SMRR	0.018	-0.003	Oversupply
4/9/2019 16:09	0:01	SMRR	0.018	-0.003	Oversupply
4/9/2019 16:09	0:01	KS	0.009	0.185	Oversupply
4/9/2019 16:10	0:01	SMRR	0.018	-0.003	Oversupply
4/9/2019 16:10	0:01	KS	0.009	0.143	Oversupply
4/9/2019 16:11	0:01	SMRR	0.017	0.149	Oversupply
4/9/2019 16:11	0:01	KS	0.009	0.252	Oversupply
4/9/2019 16:11	0:01	SMRR	0.018	0.485	Oversupply
4/9/2019 16:12	0:01	KS	0.009	0.490	Oversupply
4/9/2019 16:12	0:01	SMRR	0.018	0.724	Oversupply
4/9/2019 16:13	0:01	KS	0.009	0.463	Oversupply
4/9/2019 16:13	0:01	SMRR	0.018	1.119	Oversupply
4/9/2019 16:14	0:01	BS250	Data is not available	Data is not available	Oversupply
4/9/2019 16:14	0:01	KS	0.009	0.242	Oversupply
4/9/2019 16:14	0:01	SMRR	0.018	0.108	Oversupply
4/9/2019 16:14	0:01	SMRR	0.006	0.346	Oversupply
4/9/2019 16:15	0:01	KS	0.003	0.308	Oversupply
4/9/2019 16:15	0:01	SMRR	0.006	1.283	Oversupply
4/9/2019 16:15	0:01	KS	0.003	0.197	Oversupply
4/9/2019 16:16	0:01	SMRR	0.006	1.609	Oversupply
4/9/2019 16:16	0:01	KS	0.003	0.515	Oversupply
4/9/2019 16:17	0:01	KS	0.003	0.530	Oversupply
4/9/2019 16:24	0:01	SMRR	0.006	1.531	Oversupply
4/9/2019 16:24	0:01	SMRR	0.006	1.514	Oversupply
4/9/2019 16:25	0:01	SMRR	0.006	0.831	Oversupply
4/9/2019 16:26	0:01	KS	0.003	0.550	Oversupply
4/9/2019 16:26	0:01	SMRR	0.006	0.011	Oversupply
4/9/2019 16:27	0:04	BS250	Data is not available	Data is not available	Oversupply
4/9/2019 16:27	0:01	KS	0.003	0.344	Oversupply
4/9/2019 16:27	0:03	SMRR	0.025	0.011	Oversupply
4/9/2019 16:28	0:04	KWPPII	0.034	20.708	Oversupply
4/9/2019 16:28	0:01	KS	0.003	0.004	Oversupply
4/9/2019 16:28	0:03	KS	0.006	0.007	Oversupply
4/9/2019 16:30	0:01	SMRR	0.003	-0.003	Oversupply
4/9/2019 16:31	0:01	SMRR	0.003	-0.003	Oversupply
4/9/2019 16:31	0:01	SMRR	0.003	-0.004	Oversupply
4/9/2019 16:32	0:01	KS	0.004	0.101	Oversupply
4/9/2019 16:33	0:01	KS	0.004	0.316	Oversupply
4/9/2019 16:33	0:01	SMRR	0.003	0.475	Oversupply
4/9/2019 23:37	0:04	KWPPII	0.218	20.708	Oversupply
4/9/2019 23:50	1:07	KWPPII	6.841	20.708	Oversupply
4/10/2019 0:36	0:01	AWE	0.002	0.100	Oversupply
4/10/2019 1:00	0:07	KWPPII	0.085	20.708	Oversupply
4/10/2019 1:25	1:03	KWPPII	2.799	20.708	Oversupply
4/10/2019 2:36	0:01	KWPPII	0.003	19.211	Oversupply
4/10/2019 2:45	0:10	KWPPII	0.427	19.211	Oversupply
4/10/2019 3:04	0:02	KWPPII	0.017	19.211	Oversupply
4/10/2019 3:08	0:54	KWPPII	7.242	19.211	Oversupply
4/10/2019 4:09	0:17	KWPPII	0.886	19.211	Oversupply
4/10/2019 7:46	0:01	SMRR	0.009	0.761	Oversupply
4/10/2019 7:47	0:01	SMRR	0.009	0.772	Oversupply
4/10/2019 7:48	0:01	SMRR	0.009	0.255	Oversupply
4/10/2019 7:48	0:01	KS	0.002	0.150	Oversupply
4/10/2019 7:48	0:01	SMRR	0.009	0.014	Oversupply
4/10/2019 7:49	0:20	KS	0.084	0.153	Oversupply
4/10/2019 7:49	0:18	SMRR	0.250	0.009	Oversupply
4/10/2019 7:50	0:17	BS250	Data is not available	Data is not available	Oversupply
4/10/2019 7:50	0:19	KWPPII	0.569	20.708	Oversupply
4/10/2019 8:08	0:01	SMRR	0.013	0.134	Oversupply
4/10/2019 8:08	0:01	SMRR	0.013	0.322	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/10/2019 8:09	0:01	KS	0.006	0.007	Oversupply
4/10/2019 8:09	0:01	SMRR	0.012	0.226	Oversupply
4/10/2019 8:10	0:01	KS	0.006	0.286	Oversupply
4/10/2019 8:10	0:01	SMRR	0.013	0.056	Oversupply
4/10/2019 8:10	0:01	KS	0.006	0.147	Oversupply
4/10/2019 8:11	3:18	BS250	Data is not available	Data is not available	Oversupply
4/10/2019 8:11	7:08	KWP	129.382	20.708	Oversupply
4/10/2019 8:11	3:18	SMRR	6.679	0.003	Oversupply
4/10/2019 8:11	0:01	KS	0.006	0.107	Oversupply
4/10/2019 8:12	3:18	KS	3.006	0.008	Oversupply
4/10/2019 9:23	0:01	AWE	0.008	21.000	Oversupply
4/10/2019 9:25	0:01	AWE	0.004	21.000	Oversupply
4/10/2019 9:27	0:03	AWE	0.005	21.000	Oversupply
4/10/2019 10:00	4:34	AWE	67.713	21.000	Oversupply
4/10/2019 11:08	0:12	BS	Data is not available	Data is not available	Oversupply
4/10/2019 11:09	0:01	KWP	0.003	27.982	Oversupply
4/10/2019 11:14	0:02	KWP	0.005	28.352	Oversupply
4/10/2019 11:17	0:01	KWP	0.001	28.352	Oversupply
4/10/2019 11:21	0:06	BS	Data is not available	Data is not available	Oversupply
4/10/2019 11:29	3:51	SMRR	9.872	0.142	Oversupply
4/10/2019 11:30	0:01	KS	0.026	0.169	Oversupply
4/10/2019 11:31	3:52	KS	7.058	0.265	Oversupply
4/10/2019 11:32	0:01	KWP	0.001	28.299	Oversupply
4/10/2019 11:35	0:01	KWP	0.001	28.404	Oversupply
4/10/2019 11:37	0:01	KWP	0.002	25.925	Oversupply
4/10/2019 11:39	0:01	KWP	0.003	22.813	Oversupply
4/10/2019 11:43	0:01	KWP	0.001	22.286	Oversupply
4/10/2019 11:45	3:36	BS250	Data is not available	Data is not available	Oversupply
4/10/2019 11:47	0:02	BS	Data is not available	Data is not available	Oversupply
4/10/2019 11:51	0:03	BS	Data is not available	Data is not available	Oversupply
4/10/2019 11:55	0:01	5A	Data is not available	Data is not available	Oversupply
4/10/2019 11:55	0:01	BS	Data is not available	Data is not available	Oversupply
4/10/2019 11:57	0:03	5A	Data is not available	Data is not available	Oversupply
4/10/2019 11:57	0:03	BS	Data is not available	Data is not available	Oversupply
4/10/2019 12:01	0:02	5A	Data is not available	Data is not available	Oversupply
4/10/2019 12:01	0:02	BS	Data is not available	Data is not available	Oversupply
4/10/2019 13:17	0:01	5A	Data is not available	Data is not available	Oversupply
4/10/2019 13:17	0:01	BS	Data is not available	Data is not available	Oversupply
4/10/2019 13:20	0:01	5A	Data is not available	Data is not available	Oversupply
4/10/2019 13:20	0:01	BS	Data is not available	Data is not available	Oversupply
4/10/2019 13:20	0:01	KWP	0.001	24.712	Oversupply
4/10/2019 13:28	0:01	5A	Data is not available	Data is not available	Oversupply
4/10/2019 13:28	0:01	BS	Data is not available	Data is not available	Oversupply
4/10/2019 14:35	0:01	AWE	0.012	21.000	Oversupply
4/10/2019 14:38	0:05	AWE	0.036	21.000	Oversupply
4/10/2019 14:47	0:02	AWE	0.015	21.000	Oversupply
4/10/2019 14:53	0:01	AWE	0.001	21.000	Oversupply
4/10/2019 14:58	0:01	AWE	0.008	21.000	Oversupply
4/10/2019 15:00	0:18	AWE	1.001	21.000	Oversupply
4/10/2019 15:20	0:02	KWP	0.595	20.686	Oversupply
4/10/2019 15:21	0:01	SMRR	0.025	0.019	Oversupply
4/10/2019 15:21	0:01	SMRR	0.025	-0.004	Oversupply
4/10/2019 15:22	0:01	SMRR	0.025	-0.005	Oversupply
4/10/2019 15:22	0:01	KS	0.023	0.381	Oversupply
4/10/2019 15:23	1:41	BS250	Data is not available	Data is not available	Oversupply
4/10/2019 15:23	1:40	SMRR	2.550	-0.004	Oversupply
4/10/2019 15:23	0:01	KS	0.023	0.561	Oversupply
4/10/2019 15:24	1:40	KWP	13.357	20.708	Oversupply
4/10/2019 15:24	1:06	KS	1.764	0.838	Oversupply
4/10/2019 16:30	0:35	KS	0.738	0.003	Oversupply
4/10/2019 17:03	0:01	SMRR	0.007	0.144	Oversupply
4/10/2019 17:04	0:01	SMRR	0.007	0.267	Oversupply
4/10/2019 17:05	0:01	KS	0.009	0.229	Oversupply
4/10/2019 17:05	0:01	SMRR	0.007	0.320	Oversupply
4/10/2019 17:05	0:01	SMRR	0.007	0.509	Oversupply
4/10/2019 17:05	0:01	KS	0.009	0.557	Oversupply
4/10/2019 17:06	0:01	SMRR	0.007	0.622	Oversupply
4/10/2019 17:06	0:01	KS	0.009	0.789	Oversupply
4/10/2019 17:07	0:01	KS	0.009	1.300	Oversupply
4/10/2019 23:40	0:08	KWP	0.160	20.708	Oversupply
4/11/2019 0:02	5:51	KWP	72.380	20.708	Oversupply
4/11/2019 2:55	0:03	AWE	0.016	20.700	Oversupply



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4/11/2019 3:01	0:02	AWE	0.001	20.700	Oversupply
4/11/2019 3:06	0:01	AWE	0.001	20.700	Oversupply
4/11/2019 3:08	0:01	AWE	0.001	20.700	Oversupply
4/11/2019 3:10	0:02	AWE	0.006	20.800	Oversupply
4/11/2019 3:20	0:01	AWE	0.001	20.700	Oversupply
4/11/2019 7:55	0:01	SMRR	0.003	0.900	Oversupply
4/11/2019 7:56	0:01	SMRR	0.003	0.158	Oversupply
4/11/2019 7:56	0:01	KS	0.001	0.316	Oversupply
4/11/2019 7:57	0:05	BS250	Data is not available	Data is not available	Oversupply
4/11/2019 7:57	0:05	SMRR	0.020	0.008	Oversupply
4/11/2019 7:57	0:01	KS	0.001	0.376	Oversupply
4/11/2019 7:58	0:04	KWPPII	0.056	20.708	Oversupply
4/11/2019 7:58	0:05	KS	0.018	0.037	Oversupply
4/11/2019 8:01	0:01	SMRR	0.004	0.101	Oversupply
4/11/2019 8:02	0:01	SMRR	0.004	0.398	Oversupply
4/11/2019 8:03	0:01	SMRR	0.004	0.789	Oversupply
4/11/2019 8:03	0:01	KS	0.004	0.240	Oversupply
4/11/2019 8:04	0:01	SMRR	0.004	0.594	Oversupply
4/11/2019 8:04	0:01	KS	0.004	0.550	Oversupply
4/11/2019 8:04	0:01	SMRR	0.004	0.600	Oversupply
4/11/2019 8:05	0:02	KS	0.008	0.367	Oversupply
4/11/2019 8:05	0:01	SMRR	0.004	0.551	Oversupply
4/11/2019 8:06	0:01	SMRR	0.004	0.530	Oversupply
4/11/2019 8:07	0:01	SMRR	0.004	0.768	Oversupply
4/11/2019 8:07	0:01	KS	0.004	0.397	Oversupply
4/11/2019 8:08	0:01	KS	0.004	0.352	Oversupply
4/11/2019 8:08	0:01	KS	0.004	0.325	Oversupply
4/11/2019 8:26	0:01	KS	-0.001	0.712	Oversupply
4/11/2019 8:27	0:01	KS	-0.001	0.734	Oversupply
4/11/2019 8:30	0:01	SMRR	0.015	1.361	Oversupply
4/11/2019 8:30	0:01	SMRR	0.015	1.254	Oversupply
4/11/2019 8:31	0:01	KS	0.008	0.829	Oversupply
4/11/2019 8:31	0:01	SMRR	0.014	0.673	Oversupply
4/11/2019 8:32	0:11	BS250	Data is not available	Data is not available	Oversupply
4/11/2019 8:32	0:01	KS	0.008	0.826	Oversupply
4/11/2019 8:32	0:11	SMRR	0.205	0.013	Oversupply
4/11/2019 8:33	0:11	KWPPII	0.471	20.708	Oversupply
4/11/2019 8:33	0:11	KS	0.102	0.187	Oversupply
4/11/2019 8:43	0:01	SMRR	0.015	0.308	Oversupply
4/11/2019 8:43	0:01	SMRR	0.015	1.083	Oversupply
4/11/2019 8:44	0:01	KS	0.008	0.263	Oversupply
4/11/2019 8:46	0:01	SMRR	0.014	1.505	Oversupply
4/11/2019 8:47	0:01	SMRR	0.014	1.479	Oversupply
4/11/2019 8:48	0:01	SMRR	0.013	1.455	Oversupply
4/11/2019 8:49	0:01	SMRR	0.014	1.020	Oversupply
4/11/2019 8:49	0:01	KS	0.010	0.572	Oversupply
4/11/2019 8:49	0:01	SMRR	0.014	0.219	Oversupply
4/11/2019 8:50	0:01	KS	0.010	1.086	Oversupply
4/11/2019 8:50	0:01	SMRR	0.014	0.377	Oversupply
4/11/2019 8:51	1:23	BS250	Data is not available	Data is not available	Oversupply
4/11/2019 8:51	0:01	KS	0.009	0.020	Oversupply
4/11/2019 8:51	1:23	SMRR	2.692	0.016	Oversupply
4/11/2019 8:52	1:23	KWPPII	15.279	20.708	Oversupply
4/11/2019 8:52	1:24	KS	1.578	0.082	Oversupply
4/11/2019 9:56	0:12	AWE	0.444	21.000	Oversupply
4/11/2019 10:16	1:13	BS250	Data is not available	Data is not available	Oversupply
4/11/2019 10:16	1:13	SMRR	2.985	1.893	Oversupply
4/11/2019 10:17	1:12	KWPPII	20.530	20.708	Oversupply
4/11/2019 10:17	1:13	KS	1.587	0.605	Oversupply
4/11/2019 10:30	0:10	AWE	0.341	21.000	Oversupply
4/11/2019 11:02	0:23	AWE	1.694	21.000	Oversupply
4/11/2019 11:30	1:16	SMRR	3.090	1.116	Oversupply
4/11/2019 11:31	1:16	BS250	Data is not available	Data is not available	Oversupply
4/11/2019 11:31	1:16	KWPPII	23.640	20.708	Oversupply
4/11/2019 11:32	1:16	KS	2.250	0.581	Oversupply
4/11/2019 11:43	0:01	AWE	0.011	21.000	Oversupply
4/11/2019 11:47	0:55	AWE	4.743	21.000	Oversupply
4/11/2019 12:48	2:44	SMRR	5.729	0.812	Oversupply
4/11/2019 12:49	2:44	BS250	Data is not available	Data is not available	Oversupply
4/11/2019 12:49	2:42	KWPPII	34.218	20.708	Oversupply
4/11/2019 12:50	2:44	KS	7.659	0.479	Oversupply
4/11/2019 12:59	0:16	AWE	0.350	21.000	Oversupply





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4/11/2019 13:37	0:03	AWE	0.036	21.000	Oversupply
4/11/2019 13:54	0:04	AWE	0.059	21.000	Oversupply
4/11/2019 15:32	0:02	KWPPII	0.014	20.708	Oversupply
4/11/2019 15:33	0:01	SMRR	0.020	0.008	Oversupply
4/11/2019 15:33	0:01	SMRR	0.020	0.245	Oversupply
4/11/2019 15:34	0:01	SMRR	0.020	0.183	Oversupply
4/11/2019 15:35	0:01	KS	0.034	0.184	Oversupply
4/11/2019 15:35	0:01	SMRR	0.020	0.041	Oversupply
4/11/2019 15:35	0:01	KS	0.034	0.275	Oversupply
4/11/2019 15:36	0:01	SMRR	0.020	0.494	Oversupply
4/11/2019 15:36	0:01	KS	0.034	0.037	Oversupply
4/11/2019 15:36	0:01	SMRR	0.020	0.369	Oversupply
4/11/2019 15:37	0:01	KS	0.032	0.736	Oversupply
4/11/2019 15:37	0:01	SMRR	0.020	1.035	Oversupply
4/11/2019 15:38	0:01	KS	0.034	0.471	Oversupply
4/11/2019 15:38	0:01	SMRR	0.020	1.003	Oversupply
4/11/2019 15:39	0:01	SMRR	0.020	0.870	Oversupply
4/11/2019 15:39	0:01	KS	0.034	1.435	Oversupply
4/11/2019 15:40	0:01	SMRR	0.020	0.963	Oversupply
4/11/2019 15:40	0:01	KS	0.034	1.181	Oversupply
4/11/2019 15:40	0:02	SMRR	0.040	0.009	Oversupply
4/11/2019 15:41	0:01	BS250	Data is not available	Data is not available	Oversupply
4/11/2019 15:41	0:01	KS	0.034	1.529	Oversupply
4/11/2019 15:41	0:01	KS	0.034	0.781	Oversupply
4/11/2019 15:42	0:01	KWPPII	0.001	20.708	Oversupply
4/11/2019 15:42	0:01	SMRR	0.020	0.052	Oversupply
4/11/2019 15:42	0:01	KS	0.034	0.024	Oversupply
4/11/2019 15:43	0:01	SMRR	0.020	0.128	Oversupply
4/11/2019 15:43	0:01	KS	0.032	0.095	Oversupply
4/11/2019 15:43	0:01	SMRR	0.020	0.431	Oversupply
4/11/2019 15:44	0:01	KS	0.032	0.242	Oversupply
4/11/2019 15:44	0:01	SMRR	0.019	0.326	Oversupply
4/11/2019 15:45	0:03	BS250	Data is not available	Data is not available	Oversupply
4/11/2019 15:45	0:01	KS	0.029	0.589	Oversupply
4/11/2019 15:45	0:02	SMRR	0.030	0.052	Oversupply
4/11/2019 15:46	0:01	KWPPII	0.001	20.708	Oversupply
4/11/2019 15:46	0:01	KS	0.029	0.307	Oversupply
4/11/2019 15:46	0:01	SMRR	0.015	0.110	Oversupply
4/11/2019 15:47	0:01	KS	0.029	0.018	Oversupply
4/11/2019 15:47	0:01	SMRR	0.015	0.216	Oversupply
4/11/2019 15:47	0:01	KS	0.027	0.226	Oversupply
4/11/2019 15:48	0:01	SMRR	0.015	0.025	Oversupply
4/11/2019 15:48	0:01	KS	0.029	0.146	Oversupply
4/11/2019 15:49	0:01	SMRR	0.015	0.149	Oversupply
4/11/2019 15:49	0:01	KS	0.029	0.279	Oversupply
4/11/2019 15:49	0:01	SMRR	0.015	0.195	Oversupply
4/11/2019 15:50	0:01	KS	0.029	0.030	Oversupply
4/11/2019 15:50	0:01	SMRR	0.015	0.526	Oversupply
4/11/2019 15:51	0:01	KS	0.029	0.240	Oversupply
4/11/2019 15:51	0:01	SMRR	0.015	0.716	Oversupply
4/11/2019 15:52	0:01	SMRR	0.015	0.699	Oversupply
4/11/2019 15:52	0:01	KS	0.029	0.808	Oversupply
4/11/2019 15:52	0:01	SMRR	0.015	1.055	Oversupply
4/11/2019 15:53	0:01	KS	0.029	1.159	Oversupply
4/11/2019 15:53	0:01	SMRR	0.015	1.007	Oversupply
4/11/2019 15:53	0:01	KS	0.029	1.002	Oversupply
4/11/2019 15:54	0:01	SMRR	0.015	0.836	Oversupply
4/11/2019 15:54	0:01	KS	0.029	1.024	Oversupply
4/11/2019 15:55	0:01	SMRR	0.015	0.751	Oversupply
4/11/2019 15:55	0:01	KS	0.029	1.286	Oversupply
4/11/2019 15:56	0:01	SMRR	0.015	0.461	Oversupply
4/11/2019 15:56	0:01	KS	0.029	1.079	Oversupply
4/11/2019 15:56	0:01	SMRR	0.015	0.274	Oversupply
4/11/2019 15:57	0:01	KS	0.029	0.661	Oversupply
4/11/2019 15:57	0:01	SMRR	0.015	0.731	Oversupply
4/11/2019 15:58	0:01	KS	0.028	1.227	Oversupply
4/11/2019 15:58	0:01	SMRR	0.015	0.412	Oversupply
4/11/2019 15:59	0:01	SMRR	0.015	0.355	Oversupply
4/11/2019 15:59	0:01	KS	0.029	0.860	Oversupply
4/11/2019 15:59	0:13	SMRR	0.330	0.009	Oversupply
4/11/2019 16:00	0:13	BS250	Data is not available	Data is not available	Oversupply
4/11/2019 16:00	0:14	KWPPII	0.563	20.708	Oversupply



Maui Curtailment Report

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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/11/2019 16:00	0:01	KS	0.035	1.318	Oversupply
4/11/2019 16:00	0:14	KS	0.554	0.026	Oversupply
4/11/2019 16:12	0:01	SMRR	0.020	0.045	Oversupply
4/11/2019 16:13	0:01	SMRR	0.020	0.460	Oversupply
4/11/2019 16:14	0:01	SMRR	0.018	0.568	Oversupply
4/11/2019 16:14	0:01	KS	0.032	0.207	Oversupply
4/11/2019 16:15	0:01	SMRR	0.006	0.897	Oversupply
4/11/2019 16:15	0:01	KS	0.028	0.319	Oversupply
4/11/2019 16:15	0:01	SMRR	0.006	0.375	Oversupply
4/11/2019 16:16	0:01	KS	0.027	0.319	Oversupply
4/11/2019 16:16	0:01	SMRR	0.006	0.524	Oversupply
4/11/2019 16:17	0:01	KS	0.027	0.320	Oversupply
4/11/2019 16:17	0:01	SMRR	0.006	0.259	Oversupply
4/11/2019 16:18	0:01	KS	0.028	0.315	Oversupply
4/11/2019 16:18	0:01	SMRR	0.006	0.497	Oversupply
4/11/2019 16:18	0:01	SMRR	0.006	0.816	Oversupply
4/11/2019 16:18	0:01	KS	0.028	0.319	Oversupply
4/11/2019 16:19	0:01	SMRR	0.006	1.104	Oversupply
4/11/2019 16:19	0:01	KS	0.028	0.324	Oversupply
4/11/2019 16:20	0:01	SMRR	0.006	1.060	Oversupply
4/11/2019 16:20	0:01	KS	0.027	0.222	Oversupply
4/11/2019 16:21	0:01	SMRR	0.006	1.276	Oversupply
4/11/2019 16:21	0:01	KS	0.028	0.340	Oversupply
4/11/2019 16:22	0:01	SMRR	0.006	1.142	Oversupply
4/11/2019 16:22	0:01	KS	0.028	0.333	Oversupply
4/11/2019 16:23	0:01	KS	0.028	0.337	Oversupply
4/11/2019 16:23	0:01	SMRR	0.006	1.380	Oversupply
4/11/2019 16:24	0:01	SMRR	0.006	1.271	Oversupply
4/11/2019 16:25	0:01	KS	0.028	0.330	Oversupply
4/11/2019 16:25	0:01	SMRR	0.006	1.217	Oversupply
4/11/2019 16:25	0:01	SMRR	0.006	0.914	Oversupply
4/11/2019 16:25	0:01	KS	0.027	0.335	Oversupply
4/11/2019 16:26	0:01	SMRR	0.006	1.051	Oversupply
4/11/2019 16:26	0:01	KS	0.028	0.227	Oversupply
4/11/2019 16:27	0:01	SMRR	0.006	0.719	Oversupply
4/11/2019 16:27	0:02	KS	0.055	0.350	Oversupply
4/11/2019 16:28	0:01	SMRR	0.006	0.421	Oversupply
4/11/2019 16:28	0:01	SMRR	0.006	0.906	Oversupply
4/11/2019 16:29	0:01	KS	0.028	0.309	Oversupply
4/11/2019 16:29	0:01	SMRR	0.005	0.912	Oversupply
4/11/2019 16:30	0:01	KS	0.025	0.298	Oversupply
4/11/2019 16:30	0:01	SMRR	0.001	0.806	Oversupply
4/11/2019 16:31	0:01	KS	0.026	0.294	Oversupply
4/11/2019 16:31	0:01	SMRR	0.001	0.806	Oversupply
4/11/2019 16:31	0:01	KS	0.026	0.286	Oversupply
4/11/2019 16:32	0:01	SMRR	0.001	1.116	Oversupply
4/11/2019 16:32	0:01	KS	0.026	0.289	Oversupply
4/11/2019 16:32	0:01	SMRR	0.001	1.001	Oversupply
4/11/2019 16:33	0:01	SMRR	0.001	0.913	Oversupply
4/11/2019 16:33	0:01	KS	0.026	0.288	Oversupply
4/11/2019 16:34	0:01	SMRR	0.001	1.105	Oversupply
4/11/2019 16:34	0:01	KS	0.026	0.293	Oversupply
4/11/2019 16:35	0:01	KS	0.026	0.290	Oversupply
4/11/2019 22:21	14:03	KWP	Data is not available	Data is not available	System Constraint
4/12/2019 8:01	0:02	BS250	Data is not available	Data is not available	Oversupply
4/12/2019 8:02	0:01	SMRR	0.000	0.781	Oversupply
4/12/2019 8:02	0:02	KS	0.000	0.285	Oversupply
4/12/2019 12:18	0:01	SMRR	0.001	1.727	Oversupply
4/12/2019 12:19	0:01	SMRR	0.001	1.823	Oversupply
4/12/2019 12:20	0:01	KS	0.002	0.777	Oversupply
4/12/2019 12:21	0:01	KS	0.002	0.937	Oversupply
4/12/2019 12:43	0:01	SMRR	0.003	2.154	Oversupply
4/12/2019 12:46	0:01	KS	0.006	2.372	Oversupply
4/12/2019 12:47	0:01	SMRR	0.005	2.559	Oversupply
4/12/2019 12:47	0:01	SMRR	0.005	1.879	Oversupply
4/12/2019 12:48	0:01	KS	0.006	2.485	Oversupply
4/12/2019 12:48	0:01	SMRR	0.005	2.643	Oversupply
4/12/2019 12:49	0:01	SMRR	0.005	2.442	Oversupply
4/12/2019 12:49	0:01	KS	0.006	1.192	Oversupply
4/12/2019 12:50	0:01	SMRR	0.005	1.735	Oversupply
4/12/2019 12:50	0:01	SMRR	0.005	1.932	Oversupply
4/12/2019 12:51	0:01	KS	0.006	0.992	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/12/2019 12:52	0:01	KS	0.006	0.814	Oversupply
4/12/2019 13:17	0:01	SMRR	0.006	2.656	Oversupply
4/12/2019 13:18	0:01	SMRR	0.006	1.987	Oversupply
4/12/2019 13:18	0:01	KS	0.010	2.781	Oversupply
4/12/2019 13:19	0:01	SMRR	0.006	1.986	Oversupply
4/12/2019 13:19	0:01	KS	0.010	1.766	Oversupply
4/12/2019 13:19	0:01	SMRR	0.006	2.188	Oversupply
4/12/2019 13:20	0:01	KS	0.010	1.031	Oversupply
4/12/2019 13:20	0:01	SMRR	0.006	2.706	Oversupply
4/12/2019 13:21	0:01	KS	0.010	1.000	Oversupply
4/12/2019 13:21	0:01	SMRR	0.006	2.108	Oversupply
4/12/2019 13:22	0:01	SMRR	0.006	1.843	Oversupply
4/12/2019 13:22	0:01	KS	0.010	1.114	Oversupply
4/12/2019 13:22	0:01	SMRR	0.006	2.028	Oversupply
4/12/2019 13:23	0:01	KS	0.010	0.867	Oversupply
4/12/2019 13:23	0:01	SMRR	0.006	1.648	Oversupply
4/12/2019 13:24	0:01	KS	0.010	1.511	Oversupply
4/12/2019 13:24	0:01	SMRR	0.006	1.587	Oversupply
4/12/2019 13:24	0:01	KS	0.011	1.801	Oversupply
4/12/2019 13:25	0:01	SMRR	0.006	2.279	Oversupply
4/12/2019 13:25	0:01	KS	0.010	1.348	Oversupply
4/12/2019 13:26	0:01	SMRR	0.006	2.723	Oversupply
4/12/2019 13:26	0:01	KS	0.010	2.206	Oversupply
4/12/2019 13:26	0:01	SMRR	0.006	2.211	Oversupply
4/12/2019 13:27	0:01	KS	0.010	2.882	Oversupply
4/12/2019 13:27	0:01	SMRR	0.006	2.062	Oversupply
4/12/2019 13:28	0:01	SMRR	0.006	1.920	Oversupply
4/12/2019 13:28	0:01	KS	0.010	1.968	Oversupply
4/12/2019 13:29	0:01	SMRR	0.006	2.304	Oversupply
4/12/2019 13:29	0:01	KS	0.010	1.892	Oversupply
4/12/2019 13:29	0:01	SMRR	0.010	2.294	Oversupply
4/12/2019 13:30	0:01	KS	0.013	2.140	Oversupply
4/12/2019 13:30	0:01	SMRR	0.010	2.533	Oversupply
4/12/2019 13:30	0:01	KS	0.013	2.402	Oversupply
4/12/2019 13:31	0:01	SMRR	0.010	2.637	Oversupply
4/12/2019 13:31	0:01	KS	0.013	2.376	Oversupply
4/12/2019 13:32	0:01	SMRR	0.010	1.974	Oversupply
4/12/2019 13:32	0:01	KS	0.013	2.790	Oversupply
4/12/2019 13:32	0:01	SMRR	0.010	1.166	Oversupply
4/12/2019 13:33	0:01	KS	0.013	1.953	Oversupply
4/12/2019 13:33	0:01	SMRR	0.010	0.950	Oversupply
4/12/2019 13:34	0:01	KS	0.013	1.057	Oversupply
4/12/2019 13:34	0:01	SMRR	0.010	1.076	Oversupply
4/12/2019 13:35	0:01	SMRR	0.010	1.461	Oversupply
4/12/2019 13:35	0:01	KS	0.013	1.090	Oversupply
4/12/2019 13:35	0:01	SMRR	0.010	1.211	Oversupply
4/12/2019 13:36	0:01	KS	0.013	1.468	Oversupply
4/12/2019 13:36	0:01	SMRR	0.010	1.674	Oversupply
4/12/2019 13:37	0:01	KS	0.013	1.388	Oversupply
4/12/2019 13:37	0:01	SMRR	0.010	1.925	Oversupply
4/12/2019 13:37	0:01	KS	0.013	1.445	Oversupply
4/12/2019 13:38	0:01	SMRR	0.010	2.632	Oversupply
4/12/2019 13:38	0:01	KS	0.013	1.786	Oversupply
4/12/2019 13:39	0:01	SMRR	0.010	2.350	Oversupply
4/12/2019 13:39	0:01	KS	0.013	2.746	Oversupply
4/12/2019 13:39	0:01	SMRR	0.010	2.269	Oversupply
4/12/2019 13:40	0:01	KS	0.013	2.273	Oversupply
4/12/2019 13:40	0:01	SMRR	0.010	2.155	Oversupply
4/12/2019 13:41	0:01	SMRR	0.010	1.964	Oversupply
4/12/2019 13:41	0:01	KS	0.013	2.394	Oversupply
4/12/2019 13:42	0:01	SMRR	0.010	2.214	Oversupply
4/12/2019 13:42	0:01	KS	0.013	2.173	Oversupply
4/12/2019 13:42	0:01	SMRR	0.010	1.993	Oversupply
4/12/2019 13:43	0:01	KS	0.013	2.012	Oversupply
4/12/2019 13:43	0:01	SMRR	0.010	2.367	Oversupply
4/12/2019 13:43	0:01	KS	0.013	1.984	Oversupply
4/12/2019 13:44	0:01	SMRR	0.008	2.563	Oversupply
4/12/2019 13:44	0:01	KS	0.011	2.258	Oversupply
4/12/2019 13:45	0:01	KS	0.010	2.482	Oversupply
4/12/2019 13:45	0:01	SMRR	0.001	2.789	Oversupply
4/12/2019 13:50	0:01	SMRR	0.001	2.758	Oversupply
4/12/2019 14:00	0:01	SMRR	0.002	2.740	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/12/2019 14:55	0:01	SMRR	-0.001	2.501	Oversupply
4/12/2019 14:56	0:01	KS	0.002	2.631	Oversupply
4/13/2019 9:05	0:01	SMRR	0.007	1.379	Oversupply
4/13/2019 9:06	0:01	SMRR	0.007	1.755	Oversupply
4/13/2019 9:06	0:01	SMRR	0.007	1.389	Oversupply
4/13/2019 9:07	0:01	KS	0.004	0.868	Oversupply
4/13/2019 9:07	0:17	SMRR	0.324	0.261	Oversupply
4/13/2019 9:08	0:17	BS250	Data is not available	Data is not available	Oversupply
4/13/2019 9:08	0:01	KS	0.004	1.469	Oversupply
4/13/2019 9:09	0:17	KS	0.165	0.246	Oversupply
4/13/2019 9:10	0:13	AWE	0.278	21.000	Oversupply
4/13/2019 9:24	0:01	AWE	0.000	21.000	Oversupply
4/13/2019 9:24	0:01	SMRR	0.021	0.129	Oversupply
4/13/2019 9:25	0:01	SMRR	0.021	0.397	Oversupply
4/13/2019 9:25	0:01	SMRR	0.021	0.784	Oversupply
4/13/2019 9:26	0:01	KS	0.011	0.227	Oversupply
4/13/2019 9:26	0:01	SMRR	0.021	0.935	Oversupply
4/13/2019 9:27	0:01	KS	0.011	0.554	Oversupply
4/13/2019 9:27	0:01	SMRR	0.021	1.112	Oversupply
4/13/2019 9:28	0:01	KS	0.010	0.506	Oversupply
4/13/2019 9:28	0:01	SMRR	0.021	1.511	Oversupply
4/13/2019 9:28	0:01	KS	0.011	0.807	Oversupply
4/13/2019 9:29	0:01	SMRR	0.021	1.866	Oversupply
4/13/2019 9:29	0:01	KS	0.000	1.361	Oversupply
4/13/2019 9:29	0:01	SMRR	0.007	1.563	Oversupply
4/13/2019 9:30	0:01	SMRR	0.002	1.402	Oversupply
4/13/2019 9:30	0:01	KS	0.003	1.845	Oversupply
4/13/2019 9:31	0:01	SMRR	0.002	1.282	Oversupply
4/13/2019 9:31	0:02	KS	0.006	1.513	Oversupply
4/13/2019 9:32	0:01	SMRR	0.002	1.437	Oversupply
4/13/2019 9:32	0:01	SMRR	0.002	1.648	Oversupply
4/13/2019 9:33	0:01	KS	0.003	1.562	Oversupply
4/13/2019 9:33	0:01	SMRR	0.002	1.394	Oversupply
4/13/2019 9:34	0:01	KS	0.003	1.172	Oversupply
4/13/2019 9:34	0:01	SMRR	0.002	1.946	Oversupply
4/13/2019 9:35	0:01	KS	0.003	1.214	Oversupply
4/13/2019 9:35	0:01	SMRR	0.002	1.735	Oversupply
4/13/2019 9:35	0:01	SMRR	0.002	1.647	Oversupply
4/13/2019 9:36	0:01	KS	0.003	0.872	Oversupply
4/13/2019 9:37	0:01	KS	0.003	0.852	Oversupply
4/13/2019 9:45	0:01	SMRR	0.019	2.155	Oversupply
4/13/2019 9:45	0:01	SMRR	0.019	2.107	Oversupply
4/13/2019 9:46	0:01	SMRR	0.018	1.527	Oversupply
4/13/2019 9:47	0:01	KS	0.012	1.307	Oversupply
4/13/2019 9:47	0:01	SMRR	0.019	0.687	Oversupply
4/13/2019 9:48	0:08	BS250	Data is not available	Data is not available	Oversupply
4/13/2019 9:48	0:01	KS	0.012	1.329	Oversupply
4/13/2019 9:48	0:01	SMRR	0.019	0.179	Oversupply
4/13/2019 9:48	0:01	KS	0.012	0.997	Oversupply
4/13/2019 9:48	0:07	SMRR	0.167	0.018	Oversupply
4/13/2019 9:49	0:06	AWE	0.067	21.000	Oversupply
4/13/2019 9:49	0:06	KS	0.083	0.305	Oversupply
4/13/2019 9:55	0:01	SMRR	0.019	0.399	Oversupply
4/13/2019 9:55	0:01	KS	0.012	0.005	Oversupply
4/13/2019 9:56	0:01	SMRR	0.018	1.142	Oversupply
4/13/2019 9:56	0:01	KS	0.012	0.067	Oversupply
4/13/2019 9:57	0:01	SMRR	0.019	1.881	Oversupply
4/13/2019 9:57	0:01	KS	0.012	0.416	Oversupply
4/13/2019 9:58	0:01	SMRR	0.019	1.708	Oversupply
4/13/2019 9:58	0:01	KS	0.012	0.458	Oversupply
4/13/2019 9:58	0:01	SMRR	0.019	1.679	Oversupply
4/13/2019 9:59	0:01	KS	0.011	0.674	Oversupply
4/13/2019 10:00	0:01	KS	0.013	0.610	Oversupply
4/13/2019 10:00	0:01	SMRR	0.010	2.284	Oversupply
4/13/2019 10:01	0:01	SMRR	0.010	1.851	Oversupply
4/13/2019 10:01	0:01	KS	0.013	1.063	Oversupply
4/13/2019 10:01	0:01	SMRR	0.010	1.038	Oversupply
4/13/2019 10:02	0:01	SMRR	0.010	1.117	Oversupply
4/13/2019 10:02	0:01	KS	0.013	1.257	Oversupply
4/13/2019 10:03	0:01	SMRR	0.010	1.717	Oversupply
4/13/2019 10:03	0:01	KS	0.013	0.881	Oversupply
4/13/2019 10:04	0:01	KS	0.013	0.934	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/13/2019 10:04	0:01	SMRR	0.010	2.362	Oversupply
4/13/2019 10:05	0:01	SMRR	0.010	1.449	Oversupply
4/13/2019 10:06	0:01	KS	0.013	1.966	Oversupply
4/13/2019 10:06	0:01	SMRR	0.010	0.980	Oversupply
4/13/2019 10:07	0:01	KS	0.013	1.287	Oversupply
4/13/2019 10:07	0:01	SMRR	0.010	0.875	Oversupply
4/13/2019 10:07	0:01	KS	0.013	1.083	Oversupply
4/13/2019 10:07	0:01	SMRR	0.010	0.749	Oversupply
4/13/2019 10:08	0:01	SMRR	0.010	0.781	Oversupply
4/13/2019 10:08	0:01	KS	0.013	0.964	Oversupply
4/13/2019 10:09	0:01	SMRR	0.010	0.566	Oversupply
4/13/2019 10:09	0:01	KS	0.013	0.897	Oversupply
4/13/2019 10:10	0:01	SMRR	0.010	0.479	Oversupply
4/13/2019 10:10	0:01	KS	0.013	0.597	Oversupply
4/13/2019 10:11	0:01	SMRR	0.010	1.009	Oversupply
4/13/2019 10:11	0:01	KS	0.013	0.521	Oversupply
4/13/2019 10:12	0:01	KS	0.013	0.752	Oversupply
4/13/2019 10:12	0:01	SMRR	0.010	2.315	Oversupply
4/13/2019 10:13	0:01	KS	0.013	0.630	Oversupply
4/13/2019 10:13	0:01	SMRR	0.010	2.288	Oversupply
4/13/2019 10:14	0:01	KS	0.014	1.970	Oversupply
4/13/2019 10:14	0:01	SMRR	0.003	2.269	Oversupply
4/13/2019 10:15	0:01	KS	0.002	1.071	Oversupply
4/13/2019 10:18	0:01	SMRR	0.003	2.362	Oversupply
4/13/2019 10:19	0:01	SMRR	0.003	1.912	Oversupply
4/13/2019 10:20	0:01	KS	0.002	2.504	Oversupply
4/13/2019 10:20	0:01	SMRR	0.003	1.163	Oversupply
4/13/2019 10:20	0:01	SMRR	0.003	1.139	Oversupply
4/13/2019 10:20	0:01	KS	0.002	1.699	Oversupply
4/13/2019 10:21	0:01	SMRR	0.003	1.580	Oversupply
4/13/2019 10:21	0:01	KS	0.002	1.207	Oversupply
4/13/2019 10:22	0:01	KS	0.002	0.760	Oversupply
4/13/2019 10:42	0:01	SMRR	0.002	1.705	Oversupply
4/13/2019 10:43	0:01	SMRR	0.002	1.240	Oversupply
4/13/2019 10:44	0:01	SMRR	0.002	1.235	Oversupply
4/13/2019 10:45	0:01	SMRR	0.003	2.001	Oversupply
4/13/2019 10:46	0:01	SMRR	0.003	1.805	Oversupply
4/13/2019 10:46	0:01	KS	0.002	2.396	Oversupply
4/13/2019 10:46	0:01	SMRR	0.003	1.604	Oversupply
4/13/2019 10:47	0:01	SMRR	0.003	1.995	Oversupply
4/13/2019 10:47	0:01	KS	0.002	1.833	Oversupply
4/13/2019 10:48	0:01	KS	0.002	1.920	Oversupply
4/13/2019 10:49	0:01	KS	0.002	2.592	Oversupply
4/13/2019 11:10	0:01	SMRR	0.005	2.560	Oversupply
4/13/2019 11:11	0:01	SMRR	0.005	2.092	Oversupply
4/13/2019 11:12	0:01	KS	0.004	2.614	Oversupply
4/13/2019 11:12	0:01	KS	0.004	2.281	Oversupply
4/13/2019 11:12	0:01	SMRR	0.005	2.050	Oversupply
4/13/2019 11:14	0:01	SMRR	0.012	1.564	Oversupply
4/13/2019 11:14	0:01	KS	0.009	2.533	Oversupply
4/13/2019 11:15	0:01	KS	0.020	2.807	Oversupply
4/13/2019 11:19	0:01	SMRR	0.007	1.390	Oversupply
4/13/2019 11:20	0:01	SMRR	0.007	1.287	Oversupply
4/13/2019 11:21	0:01	SMRR	0.007	1.138	Oversupply
4/13/2019 11:21	0:01	KS	0.020	2.371	Oversupply
4/13/2019 11:22	0:01	SMRR	0.007	0.269	Oversupply
4/13/2019 11:22	0:01	KS	0.020	2.033	Oversupply
4/13/2019 11:22	0:49	SMRR	1.641	0.024	Oversupply
4/13/2019 11:23	0:49	BS250	Data is not available	Data is not available	Oversupply
4/13/2019 11:23	0:01	KS	0.019	1.094	Oversupply
4/13/2019 11:24	0:48	AWE	4.660	21.000	Oversupply
4/13/2019 11:24	0:49	KS	2.004	0.028	Oversupply
4/13/2019 12:11	0:01	SMRR	0.032	0.165	Oversupply
4/13/2019 12:12	0:01	SMRR	0.031	0.453	Oversupply
4/13/2019 12:13	0:02	KS	0.073	0.357	Oversupply
4/13/2019 12:13	0:01	SMRR	0.032	0.146	Oversupply
4/13/2019 12:14	0:03	BS250	Data is not available	Data is not available	Oversupply
4/13/2019 12:14	0:03	SMRR	0.085	0.002	Oversupply
4/13/2019 12:15	0:03	AWE	0.037	21.000	Oversupply
4/13/2019 12:15	0:01	KS	0.035	0.153	Oversupply
4/13/2019 12:15	0:03	KS	0.104	0.007	Oversupply
4/13/2019 12:17	0:01	SMRR	0.018	0.095	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/13/2019 12:18	0:01	SMRR	0.018	0.423	Oversupply
4/13/2019 12:18	0:01	KS	0.035	0.008	Oversupply
4/13/2019 12:18	0:01	SMRR	0.018	0.432	Oversupply
4/13/2019 12:19	0:01	KS	0.035	0.429	Oversupply
4/13/2019 12:19	0:01	SMRR	0.017	0.408	Oversupply
4/13/2019 12:20	0:01	KS	0.035	0.476	Oversupply
4/13/2019 12:20	0:01	SMRR	0.018	0.348	Oversupply
4/13/2019 12:21	0:01	SMRR	0.018	0.358	Oversupply
4/13/2019 12:21	0:01	KS	0.035	0.612	Oversupply
4/13/2019 12:21	2:04	SMRR	4.789	0.006	Oversupply
4/13/2019 12:22	0:06	BS250	Data is not available	Data is not available	Oversupply
4/13/2019 12:22	0:01	KS	0.035	0.796	Oversupply
4/13/2019 12:22	0:01	KS	0.035	0.714	Oversupply
4/13/2019 12:23	2:03	AWE	24.267	21.000	Oversupply
4/13/2019 12:23	0:06	KS	0.242	0.013	Oversupply
4/13/2019 12:29	0:01	BS250	Data is not available	Data is not available	Oversupply
4/13/2019 12:29	0:01	KS	0.037	0.117	Oversupply
4/13/2019 12:30	1:57	KS	5.193	0.004	Oversupply
4/13/2019 12:39	1:47	BS250	Data is not available	Data is not available	Oversupply
4/13/2019 14:31	0:01	SMRR	0.022	1.278	Oversupply
4/13/2019 14:32	0:01	SMRR	0.023	1.514	Oversupply
4/13/2019 14:33	0:01	KS	0.031	1.516	Oversupply
4/13/2019 14:33	0:01	SMRR	0.023	1.591	Oversupply
4/13/2019 14:34	0:01	KS	0.031	1.723	Oversupply
4/13/2019 14:34	0:01	SMRR	0.023	0.352	Oversupply
4/13/2019 14:34	0:01	SMRR	0.022	0.007	Oversupply
4/13/2019 14:34	0:01	KS	0.031	1.437	Oversupply
4/13/2019 14:35	0:01	BS250	Data is not available	Data is not available	Oversupply
4/13/2019 14:35	0:01	AWE	0.006	21.000	Oversupply
4/13/2019 14:35	0:01	SMRR	0.023	0.023	Oversupply
4/13/2019 14:35	0:02	KS	0.061	0.115	Oversupply
4/13/2019 14:36	0:01	SMRR	0.023	0.267	Oversupply
4/13/2019 14:37	0:01	SMRR	0.023	0.429	Oversupply
4/13/2019 14:37	0:01	KS	0.031	0.240	Oversupply
4/13/2019 14:37	0:01	SMRR	0.023	0.434	Oversupply
4/13/2019 14:38	0:01	KS	0.031	0.398	Oversupply
4/13/2019 14:38	0:01	SMRR	0.022	0.475	Oversupply
4/13/2019 14:39	0:01	KS	0.031	0.507	Oversupply
4/13/2019 14:39	0:01	SMRR	0.023	0.557	Oversupply
4/13/2019 14:40	0:01	KS	0.031	0.508	Oversupply
4/13/2019 14:40	0:01	SMRR	0.023	0.743	Oversupply
4/13/2019 14:41	0:01	SMRR	0.023	0.745	Oversupply
4/13/2019 14:41	0:01	KS	0.031	0.627	Oversupply
4/13/2019 14:41	0:01	SMRR	0.022	0.503	Oversupply
4/13/2019 14:41	0:01	KS	0.031	0.827	Oversupply
4/13/2019 14:42	0:01	SMRR	0.023	0.233	Oversupply
4/13/2019 14:42	0:01	KS	0.031	0.712	Oversupply
4/13/2019 14:43	0:01	SMRR	0.023	0.178	Oversupply
4/13/2019 14:43	0:01	KS	0.031	0.105	Oversupply
4/13/2019 14:44	0:01	SMRR	0.023	0.196	Oversupply
4/13/2019 14:44	0:01	KS	0.025	0.400	Oversupply
4/13/2019 14:44	0:01	SMRR	0.014	0.976	Oversupply
4/13/2019 14:45	0:01	KS	0.018	0.185	Oversupply
4/13/2019 14:45	0:01	SMRR	0.010	0.982	Oversupply
4/13/2019 14:46	0:01	KS	0.018	0.896	Oversupply
4/13/2019 14:46	0:01	SMRR	0.010	1.003	Oversupply
4/13/2019 14:47	0:01	KS	0.018	1.063	Oversupply
4/13/2019 14:47	0:01	SMRR	0.010	1.060	Oversupply
4/13/2019 14:47	0:01	SMRR	0.010	0.763	Oversupply
4/13/2019 14:47	0:01	KS	0.018	1.055	Oversupply
4/13/2019 14:48	0:01	SMRR	0.010	0.365	Oversupply
4/13/2019 14:48	0:01	KS	0.018	1.214	Oversupply
4/13/2019 14:49	0:01	SMRR	0.010	0.581	Oversupply
4/13/2019 14:49	0:01	KS	0.018	0.851	Oversupply
4/13/2019 14:50	0:01	SMRR	0.010	0.954	Oversupply
4/13/2019 14:50	0:01	KS	0.018	0.370	Oversupply
4/13/2019 14:50	0:01	SMRR	0.010	1.222	Oversupply
4/13/2019 14:51	0:01	KS	0.018	0.886	Oversupply
4/13/2019 14:51	0:01	SMRR	0.010	1.749	Oversupply
4/13/2019 14:52	0:01	KS	0.018	1.244	Oversupply
4/13/2019 14:52	0:01	SMRR	0.010	1.766	Oversupply
4/13/2019 14:53	0:01	KS	0.018	1.949	Oversupply



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4/13/2019 14:53	0:01	SMRR	0.010	2.246	Oversupply
4/13/2019 14:54	0:01	KS	0.018	2.107	Oversupply
4/13/2019 14:54	0:01	SMRR	0.010	2.277	Oversupply
4/13/2019 14:54	0:01	KS	0.018	2.702	Oversupply
4/13/2019 14:55	0:01	SMRR	0.010	2.267	Oversupply
4/13/2019 14:56	0:01	SMRR	0.010	2.279	Oversupply
4/13/2019 14:56	0:01	KS	0.018	2.682	Oversupply
4/13/2019 14:57	0:01	KS	0.018	2.376	Oversupply
4/13/2019 22:17	0:01	AWE	0.002	0.100	Oversupply
4/14/2019 9:34	0:01	SMRR	0.016	2.101	Oversupply
4/14/2019 9:35	0:01	SMRR	0.016	1.443	Oversupply
4/14/2019 9:36	0:01	KS	0.014	2.111	Oversupply
4/14/2019 9:36	0:01	SMRR	0.016	0.540	Oversupply
4/14/2019 9:36	0:01	SMRR	0.016	0.525	Oversupply
4/14/2019 9:36	0:01	KS	0.014	1.574	Oversupply
4/14/2019 9:37	0:01	BS250	Data is not available	Data is not available	Oversupply
4/14/2019 9:37	0:01	SMRR	0.016	0.160	Oversupply
4/14/2019 9:37	0:01	KS	0.014	0.520	Oversupply
4/14/2019 9:38	5:09	SMRR	12.814	0.023	Oversupply
4/14/2019 9:38	0:01	KS	0.014	0.277	Oversupply
4/14/2019 9:39	5:09	BS250	Data is not available	Data is not available	Oversupply
4/14/2019 9:39	5:09	AWE	77.757	21.000	Oversupply
4/14/2019 9:39	0:01	KS	0.014	0.152	Oversupply
4/14/2019 9:40	5:10	KS	13.864	0.024	Oversupply
4/14/2019 10:45	0:01	5A	Data is not available	Data is not available	Oversupply
4/14/2019 10:45	0:01	BS	Data is not available	Data is not available	Oversupply
4/14/2019 11:53	0:02	5A	Data is not available	Data is not available	Oversupply
4/14/2019 11:53	0:02	BS	Data is not available	Data is not available	Oversupply
4/14/2019 11:54	0:01	KWP	0.002	18.857	Oversupply
4/14/2019 11:56	0:01	5A	Data is not available	Data is not available	Oversupply
4/14/2019 11:56	0:01	BS	Data is not available	Data is not available	Oversupply
4/14/2019 11:58	0:03	5A	Data is not available	Data is not available	Oversupply
4/14/2019 11:58	0:03	BS	Data is not available	Data is not available	Oversupply
4/14/2019 12:02	0:01	5A	Data is not available	Data is not available	Oversupply
4/14/2019 12:02	0:01	BS	Data is not available	Data is not available	Oversupply
4/14/2019 12:04	0:01	5A	Data is not available	Data is not available	Oversupply
4/14/2019 12:04	0:01	BS	Data is not available	Data is not available	Oversupply
4/14/2019 12:08	0:12	5A	Data is not available	Data is not available	Oversupply
4/14/2019 12:08	0:12	BS	Data is not available	Data is not available	Oversupply
4/14/2019 12:14	0:02	KWP	0.002	19.226	Oversupply
4/14/2019 12:20	0:01	KWP	0.001	16.642	Oversupply
4/14/2019 12:21	0:01	5A	Data is not available	Data is not available	Oversupply
4/14/2019 12:21	0:01	BS	Data is not available	Data is not available	Oversupply
4/14/2019 12:23	0:01	KWP	0.001	18.171	Oversupply
4/14/2019 12:26	0:02	5A	Data is not available	Data is not available	Oversupply
4/14/2019 12:26	0:02	BS	Data is not available	Data is not available	Oversupply
4/14/2019 12:28	0:01	KWP	0.002	20.756	Oversupply
4/14/2019 12:29	0:01	5A	Data is not available	Data is not available	Oversupply
4/14/2019 12:29	0:01	BS	Data is not available	Data is not available	Oversupply
4/14/2019 12:31	0:01	5A	Data is not available	Data is not available	Oversupply
4/14/2019 12:31	0:01	BS	Data is not available	Data is not available	Oversupply
4/14/2019 12:32	0:01	KWP	0.001	20.440	Oversupply
4/14/2019 12:33	0:01	5A	Data is not available	Data is not available	Oversupply
4/14/2019 12:33	0:01	BS	Data is not available	Data is not available	Oversupply
4/14/2019 12:35	0:04	5A	Data is not available	Data is not available	Oversupply
4/14/2019 12:35	0:04	BS	Data is not available	Data is not available	Oversupply
4/14/2019 12:37	0:02	KWP	0.003	19.490	Oversupply
4/14/2019 12:40	0:06	5A	Data is not available	Data is not available	Oversupply
4/14/2019 12:40	0:06	BS	Data is not available	Data is not available	Oversupply
4/14/2019 12:41	0:02	KWP	0.002	19.859	Oversupply
4/14/2019 12:45	0:01	KWP	0.001	16.958	Oversupply
4/14/2019 12:47	0:10	5A	Data is not available	Data is not available	Oversupply
4/14/2019 12:47	0:10	BS	Data is not available	Data is not available	Oversupply
4/14/2019 12:47	0:01	KWP	0.002	15.851	Oversupply
4/14/2019 12:50	0:01	KWP	0.002	15.956	Oversupply
4/14/2019 12:53	0:01	KWP	0.001	16.853	Oversupply
4/14/2019 12:56	0:01	KWP	0.001	16.484	Oversupply
4/14/2019 12:58	0:03	5A	Data is not available	Data is not available	Oversupply
4/14/2019 12:58	0:03	BS	Data is not available	Data is not available	Oversupply
4/14/2019 13:03	0:03	5A	Data is not available	Data is not available	Oversupply
4/14/2019 13:03	0:03	BS	Data is not available	Data is not available	Oversupply
4/14/2019 13:07	0:02	5A	Data is not available	Data is not available	Oversupply



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4/14/2019 13:07	0:02	BS	Data is not available	Data is not available	Oversupply
4/14/2019 13:09	0:01	KWP	0.001	16.695	Oversupply
4/14/2019 13:10	0:13	5A	Data is not available	Data is not available	Oversupply
4/14/2019 13:10	0:13	BS	Data is not available	Data is not available	Oversupply
4/14/2019 13:26	0:03	5A	Data is not available	Data is not available	Oversupply
4/14/2019 13:26	0:03	BS	Data is not available	Data is not available	Oversupply
4/14/2019 13:26	0:01	KWP	0.002	18.066	Oversupply
4/14/2019 13:30	0:02	5A	Data is not available	Data is not available	Oversupply
4/14/2019 13:30	0:02	BS	Data is not available	Data is not available	Oversupply
4/14/2019 13:33	0:03	5A	Data is not available	Data is not available	Oversupply
4/14/2019 13:33	0:03	BS	Data is not available	Data is not available	Oversupply
4/14/2019 13:37	0:02	5A	Data is not available	Data is not available	Oversupply
4/14/2019 13:37	0:02	BS	Data is not available	Data is not available	Oversupply
4/14/2019 14:47	0:01	SMRR	0.023	0.006	Oversupply
4/14/2019 14:48	0:01	SMRR	0.022	0.504	Oversupply
4/14/2019 14:49	0:03	BS250	Data is not available	Data is not available	Oversupply
4/14/2019 14:49	0:03	SMRR	0.089	0.006	Oversupply
4/14/2019 14:49	0:01	KS	0.034	0.599	Oversupply
4/14/2019 14:50	0:03	AWE	0.040	21.000	Oversupply
4/14/2019 14:50	0:01	KS	0.035	0.017	Oversupply
4/14/2019 14:51	0:02	KS	0.069	0.017	Oversupply
4/14/2019 14:52	0:01	SMRR	0.022	0.263	Oversupply
4/14/2019 14:52	0:02	SMRR	0.045	0.754	Oversupply
4/14/2019 14:53	0:01	KS	0.035	0.060	Oversupply
4/14/2019 14:54	0:01	KS	0.035	0.838	Oversupply
4/14/2019 14:54	0:01	SMRR	0.022	0.877	Oversupply
4/14/2019 14:55	0:01	KS	0.035	0.990	Oversupply
4/14/2019 14:55	0:02	SMRR	0.045	0.882	Oversupply
4/14/2019 14:56	0:01	KS	0.035	1.005	Oversupply
4/14/2019 14:56	0:01	SMRR	0.022	1.296	Oversupply
4/14/2019 14:56	0:01	KS	0.035	1.024	Oversupply
4/14/2019 14:57	0:01	SMRR	0.022	1.509	Oversupply
4/14/2019 14:57	0:01	KS	0.035	1.132	Oversupply
4/14/2019 14:58	0:01	SMRR	0.022	1.644	Oversupply
4/14/2019 14:58	0:01	KS	0.035	1.274	Oversupply
4/14/2019 14:59	0:01	SMRR	0.022	1.222	Oversupply
4/14/2019 14:59	0:01	KS	0.026	1.348	Oversupply
4/14/2019 14:59	0:01	SMRR	0.007	1.582	Oversupply
4/14/2019 15:00	0:01	KS	0.007	1.001	Oversupply
4/14/2019 15:00	0:01	SMRR	0.001	1.470	Oversupply
4/14/2019 15:01	0:01	KS	0.007	0.807	Oversupply
4/14/2019 15:02	0:01	SMRR	0.001	2.174	Oversupply
4/14/2019 15:02	0:01	KS	0.007	1.445	Oversupply
4/14/2019 15:02	0:01	SMRR	0.001	2.384	Oversupply
4/14/2019 15:03	0:01	SMRR	0.001	2.415	Oversupply
4/14/2019 15:03	0:01	KS	0.007	2.154	Oversupply
4/14/2019 15:04	0:01	KS	0.007	0.587	Oversupply
4/15/2019 9:27	0:01	SMRR	0.000	2.022	Oversupply
4/15/2019 9:27	0:01	KS	0.000	1.986	Oversupply
4/15/2019 9:37	0:01	SMRR	0.006	2.235	Oversupply
4/15/2019 9:37	0:01	SMRR	0.006	2.228	Oversupply
4/15/2019 9:38	0:01	SMRR	0.006	2.039	Oversupply
4/15/2019 9:39	0:01	KS	0.003	2.115	Oversupply
4/15/2019 9:39	0:01	SMRR	0.006	1.490	Oversupply
4/15/2019 9:40	0:01	KS	0.003	2.130	Oversupply
4/15/2019 9:40	0:01	SMRR	0.006	1.093	Oversupply
4/15/2019 9:40	0:01	KS	0.003	1.473	Oversupply
4/15/2019 9:41	0:01	SMRR	0.006	1.285	Oversupply
4/15/2019 9:41	0:01	SMRR	0.006	0.896	Oversupply
4/15/2019 9:41	0:01	KS	0.003	0.873	Oversupply
4/15/2019 9:42	0:01	SMRR	0.007	0.669	Oversupply
4/15/2019 9:42	0:01	KS	0.003	1.160	Oversupply
4/15/2019 9:43	0:01	SMRR	0.006	1.026	Oversupply
4/15/2019 9:43	0:01	KS	0.003	0.577	Oversupply
4/15/2019 9:44	0:01	SMRR	0.006	0.870	Oversupply
4/15/2019 9:44	0:01	KS	0.009	1.080	Oversupply
4/15/2019 9:44	0:01	SMRR	0.021	0.963	Oversupply
4/15/2019 9:45	0:01	KS	0.027	0.740	Oversupply
4/15/2019 9:45	0:01	SMRR	0.025	0.386	Oversupply
4/15/2019 9:46	0:01	KS	0.027	0.575	Oversupply
4/15/2019 9:46	0:01	SMRR	0.025	0.566	Oversupply
4/15/2019 9:46	0:01	KS	0.027	0.499	Oversupply





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4/15/2019 9:47	0:01	SMRR	0.025	0.647	Oversupply
4/15/2019 9:47	0:01	KS	0.027	0.517	Oversupply
4/15/2019 9:47	0:01	SMRR	0.025	0.553	Oversupply
4/15/2019 9:48	0:01	SMRR	0.025	0.604	Oversupply
4/15/2019 9:48	0:01	KS	0.027	0.426	Oversupply
4/15/2019 9:49	0:02	BS250	Data is not available	Data is not available	Oversupply
4/15/2019 9:49	0:02	SMRR	0.050	0.043	Oversupply
4/15/2019 9:49	0:01	KS	0.027	0.683	Oversupply
4/15/2019 9:50	0:01	AWE	0.000	20.500	Oversupply
4/15/2019 9:50	0:01	KS	0.027	0.463	Oversupply
4/15/2019 9:50	0:01	SMRR	0.025	0.094	Oversupply
4/15/2019 9:51	0:02	KS	0.053	0.154	Oversupply
4/15/2019 9:51	0:01	SMRR	0.025	0.169	Oversupply
4/15/2019 9:52	0:01	SMRR	0.025	0.011	Oversupply
4/15/2019 9:53	0:01	AWE	0.004	20.200	Oversupply
4/15/2019 9:53	0:01	KS	0.027	0.125	Oversupply
4/15/2019 9:53	0:01	SMRR	0.025	0.005	Oversupply
4/15/2019 9:53	0:03	KS	0.106	0.038	Oversupply
4/15/2019 9:53	0:02	SMRR	0.051	0.102	Oversupply
4/15/2019 9:54	1:30	BS250	Data is not available	Data is not available	Oversupply
4/15/2019 9:55	0:01	AWE	0.008	20.400	Oversupply
4/15/2019 9:55	0:01	SMRR	0.025	0.018	Oversupply
4/15/2019 9:56	0:07	SMRR	0.244	0.010	Oversupply
4/15/2019 9:57	0:06	AWE	0.057	20.000	Oversupply
4/15/2019 9:57	0:01	KS	0.027	0.049	Oversupply
4/15/2019 9:58	0:07	KS	0.246	0.006	Oversupply
4/15/2019 10:03	0:02	SMRR	0.089	0.002	Oversupply
4/15/2019 10:04	1:10	AWE	4.219	20.400	Oversupply
4/15/2019 10:05	0:03	KS	0.098	0.023	Oversupply
4/15/2019 10:05	0:01	SMRR	0.030	0.017	Oversupply
4/15/2019 10:06	1:17	SMRR	3.173	0.000	Oversupply
4/15/2019 10:07	1:07	KS	2.887	0.004	Oversupply
4/15/2019 10:56	0:18	KWP2	5.646	19.143	Oversupply
4/15/2019 11:15	0:01	KS	0.036	-0.002	Oversupply
4/15/2019 11:16	0:05	AWE	0.079	20.300	Oversupply
4/15/2019 11:16	1:17	KWP2	20.976	19.135	Oversupply
4/15/2019 11:16	0:10	KS	0.404	0.009	Oversupply
4/15/2019 11:23	0:01	SMRR	0.023	0.004	Oversupply
4/15/2019 11:26	0:09	SMRR	0.234	0.559	Oversupply
4/15/2019 11:28	0:07	AWE	0.402	21.000	Oversupply
4/15/2019 11:28	0:09	KS	0.414	1.541	Oversupply
4/15/2019 11:36	0:01	SMRR	0.017	0.230	Oversupply
4/15/2019 11:37	0:01	SMRR	0.016	0.398	Oversupply
4/15/2019 11:37	0:01	KS	0.038	0.367	Oversupply
4/15/2019 11:37	0:01	SMRR	0.017	0.733	Oversupply
4/15/2019 11:38	0:01	KS	0.038	1.502	Oversupply
4/15/2019 11:38	0:53	SMRR	2.373	0.135	Oversupply
4/15/2019 11:39	0:53	BS250	Data is not available	Data is not available	Oversupply
4/15/2019 11:39	0:01	KS	0.038	1.773	Oversupply
4/15/2019 11:40	0:54	KS	2.524	0.316	Oversupply
4/15/2019 11:42	0:03	AWE	0.007	20.700	Oversupply
4/15/2019 11:50	0:04	AWE	0.036	21.000	Oversupply
4/15/2019 11:55	0:06	AWE	0.029	20.600	Oversupply
4/15/2019 12:03	0:05	AWE	0.039	20.600	Oversupply
4/15/2019 12:09	0:05	AWE	0.095	20.300	Oversupply
4/15/2019 12:22	0:01	AWE	0.005	20.300	Oversupply
4/15/2019 12:32	0:01	SMRR	0.034	0.070	Oversupply
4/15/2019 12:32	0:01	SMRR	0.034	0.468	Oversupply
4/15/2019 12:33	0:01	SMRR	0.034	1.107	Oversupply
4/15/2019 12:33	0:01	KS	0.036	0.462	Oversupply
4/15/2019 12:34	2:43	SMRR	7.123	1.367	Oversupply
4/15/2019 12:34	0:01	KS	0.036	2.047	Oversupply
4/15/2019 12:35	2:42	BS250	Data is not available	Data is not available	Oversupply
4/15/2019 12:35	2:42	KWP2	31.486	18.791	Oversupply
4/15/2019 12:35	0:01	KS	0.036	1.212	Oversupply
4/15/2019 12:36	2:42	KS	7.570	1.596	Oversupply
4/15/2019 13:18	0:01	AWE	0.001	20.600	Oversupply
4/15/2019 13:58	0:01	AWE	0.007	20.100	Oversupply
4/15/2019 15:17	0:01	SMRR	0.012	0.202	Oversupply
4/15/2019 15:17	0:01	SMRR	0.012	0.602	Oversupply
4/15/2019 15:18	0:01	KS	0.020	0.043	Oversupply
4/15/2019 15:18	0:01	SMRR	0.012	0.890	Oversupply



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4/15/2019 15:19	0:01	KS	0.020	0.550	Oversupply
4/15/2019 15:19	0:01	SMRR	0.012	1.165	Oversupply
4/15/2019 15:19	0:01	KS	0.020	0.962	Oversupply
4/15/2019 15:20	0:01	SMRR	0.012	1.367	Oversupply
4/15/2019 15:20	0:01	KS	0.020	1.504	Oversupply
4/15/2019 15:21	0:01	SMRR	0.012	1.495	Oversupply
4/15/2019 15:21	0:01	KS	0.020	1.464	Oversupply
4/15/2019 15:21	0:01	SMRR	0.012	0.775	Oversupply
4/15/2019 15:22	0:01	KS	0.020	1.711	Oversupply
4/15/2019 15:22	0:01	SMRR	0.012	1.009	Oversupply
4/15/2019 15:23	0:01	SMRR	0.012	1.239	Oversupply
4/15/2019 15:23	0:01	KS	0.020	0.902	Oversupply
4/15/2019 15:24	0:01	SMRR	0.012	1.643	Oversupply
4/15/2019 15:24	0:01	KS	0.020	1.114	Oversupply
4/15/2019 15:24	0:01	SMRR	0.012	1.723	Oversupply
4/15/2019 15:25	0:01	KS	0.020	1.957	Oversupply
4/15/2019 15:25	0:01	SMRR	0.012	2.102	Oversupply
4/15/2019 15:26	0:01	KS	0.019	2.055	Oversupply
4/15/2019 15:26	0:01	SMRR	0.012	2.094	Oversupply
4/15/2019 15:27	0:01	SMRR	0.012	2.090	Oversupply
4/15/2019 15:27	0:01	KS	0.020	2.291	Oversupply
4/15/2019 15:27	0:01	SMRR	0.012	2.092	Oversupply
4/15/2019 15:28	0:01	KS	0.020	2.346	Oversupply
4/15/2019 15:28	0:01	SMRR	0.012	1.624	Oversupply
4/15/2019 15:29	0:01	SMRR	0.011	1.268	Oversupply
4/15/2019 15:29	0:01	KS	0.018	2.523	Oversupply
4/15/2019 15:30	0:01	SMRR	0.007	1.154	Oversupply
4/15/2019 15:30	0:01	KS	0.013	1.788	Oversupply
4/15/2019 15:30	0:01	SMRR	0.007	1.312	Oversupply
4/15/2019 15:31	0:01	KS	0.013	1.330	Oversupply
4/15/2019 15:31	0:01	SMRR	0.007	1.359	Oversupply
4/15/2019 15:32	0:01	KS	0.013	1.482	Oversupply
4/15/2019 15:32	0:01	SMRR	0.007	1.942	Oversupply
4/15/2019 15:32	0:01	KS	0.013	1.419	Oversupply
4/15/2019 15:33	0:01	SMRR	0.007	1.738	Oversupply
4/15/2019 15:33	0:01	KS	0.013	2.125	Oversupply
4/15/2019 15:33	0:01	SMRR	0.007	0.867	Oversupply
4/15/2019 15:34	0:01	KS	0.013	2.038	Oversupply
4/15/2019 15:34	0:01	SMRR	0.007	0.364	Oversupply
4/15/2019 15:35	0:01	KS	0.013	1.287	Oversupply
4/15/2019 15:35	0:01	SMRR	0.007	0.056	Oversupply
4/15/2019 15:36	0:01	SMRR	0.007	0.713	Oversupply
4/15/2019 15:36	0:01	KS	0.012	0.486	Oversupply
4/15/2019 15:37	0:01	SMRR	0.007	1.474	Oversupply
4/15/2019 15:37	0:01	KS	0.013	0.126	Oversupply
4/15/2019 15:37	0:01	SMRR	0.007	1.772	Oversupply
4/15/2019 15:38	0:01	KS	0.013	1.340	Oversupply
4/15/2019 15:38	0:01	SMRR	0.007	1.734	Oversupply
4/15/2019 15:38	0:01	KS	0.013	1.932	Oversupply
4/15/2019 15:39	0:01	SMRR	0.007	1.522	Oversupply
4/15/2019 15:39	0:01	KS	0.013	2.290	Oversupply
4/15/2019 15:40	0:01	SMRR	0.007	1.676	Oversupply
4/15/2019 15:40	0:01	KS	0.013	1.265	Oversupply
4/15/2019 15:40	0:01	SMRR	0.007	1.905	Oversupply
4/15/2019 15:41	0:01	KS	0.013	2.004	Oversupply
4/15/2019 15:42	0:01	KS	0.013	2.117	Oversupply
4/15/2019 15:43	0:01	SMRR	0.007	1.942	Oversupply
4/15/2019 15:43	0:01	SMRR	0.007	1.932	Oversupply
4/15/2019 15:44	0:01	KS	0.013	2.563	Oversupply
4/15/2019 15:44	0:01	SMRR	0.007	1.755	Oversupply
4/15/2019 15:45	0:01	KS	0.005	2.402	Oversupply
4/15/2019 15:45	0:01	SMRR	0.004	1.186	Oversupply
4/15/2019 15:45	0:01	KS	0.005	2.053	Oversupply
4/15/2019 15:46	0:01	SMRR	0.004	0.638	Oversupply
4/15/2019 15:46	0:01	KS	0.005	1.833	Oversupply
4/15/2019 15:46	0:01	SMRR	0.004	0.885	Oversupply
4/15/2019 15:47	0:01	KS	0.005	0.880	Oversupply
4/15/2019 15:47	0:01	SMRR	0.004	0.671	Oversupply
4/15/2019 15:48	0:01	KS	0.005	0.856	Oversupply
4/15/2019 15:48	0:01	SMRR	0.004	0.973	Oversupply
4/15/2019 15:49	0:01	SMRR	0.004	1.438	Oversupply
4/15/2019 15:49	0:01	KS	0.005	0.769	Oversupply



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4/15/2019 15:50	0:01	KS	0.005	1.137	Oversupply
4/15/2019 15:50	0:01	SMRR		1.855	Oversupply
4/15/2019 15:51	0:01	KS	0.005	2.087	Oversupply
4/15/2019 15:51	0:01	KS	0.005	2.493	Oversupply
4/15/2019 16:12	0:01	SMRR	0.000	1.616	Oversupply
4/15/2019 16:13	0:01	SMRR	0.000	1.605	Oversupply
4/15/2019 16:14	0:01	SMRR	0.000	1.596	Oversupply
4/15/2019 16:15	0:01	KS	-0.002	2.111	Oversupply
4/15/2019 16:16	0:01	KS	-0.002	2.296	Oversupply
4/15/2019 22:27	0:25	KWP II	1.136	17.922	Oversupply
4/15/2019 22:54	0:09	KWP II	0.142	13.015	Oversupply
4/16/2019 10:22	0:01	SMRR	0.002	2.500	Oversupply
4/16/2019 10:23	0:01	SMRR	0.002	2.065	Oversupply
4/16/2019 10:24	0:01	SMRR	0.002	1.043	Oversupply
4/16/2019 10:24	0:01	KS	0.000	1.586	Oversupply
4/16/2019 10:24	0:01	SMRR	0.002	1.842	Oversupply
4/16/2019 10:25	0:01	KS	0.000	1.543	Oversupply
4/16/2019 10:25	0:01	SMRR	0.002	2.256	Oversupply
4/16/2019 10:26	0:01	KS	0.000	0.821	Oversupply
4/16/2019 10:26	0:01	KS	0.000	1.123	Oversupply
4/16/2019 22:35	0:01	KWP II	0.005	12.689	Oversupply
4/16/2019 22:37	0:35	KWP II	2.437	17.210	Oversupply
4/17/2019 9:58	0:01	KWP	0.001	1.556	Oversupply
4/17/2019 10:27	0:05	BS250	Data is not available	Data is not available	Oversupply
4/17/2019 10:27	0:05	SMRR	0.050	2.000	Oversupply
4/17/2019 10:28	0:06	KWP II	0.102	6.749	Oversupply
4/17/2019 10:29	0:04	KS	0.069	0.652	Oversupply
4/17/2019 10:31	0:01	SMRR	0.013	0.133	Oversupply
4/17/2019 10:32	0:01	SMRR	0.013	0.050	Oversupply
4/17/2019 10:33	0:01	KS	0.017	-0.002	Oversupply
4/17/2019 10:34	0:01	KS	0.017	-0.002	Oversupply
4/17/2019 13:34	0:01	SMRR	0.002	2.759	Oversupply
4/17/2019 13:35	0:01	KS	0.000	2.699	Oversupply
4/17/2019 13:50	0:01	SMRR	0.001	2.755	Oversupply
4/17/2019 13:53	0:01	SMRR	0.001	2.720	Oversupply
4/17/2019 13:54	0:01	KS	0.000	3.000	Oversupply
4/17/2019 13:55	0:01	KS	0.000	2.505	Oversupply
4/17/2019 14:27	0:01	SMRR	0.003	2.601	Oversupply
4/17/2019 14:28	0:01	SMRR	0.003	1.898	Oversupply
4/17/2019 14:28	0:01	KS	-0.003	2.378	Oversupply
4/17/2019 14:28	0:01	SMRR	0.003	0.652	Oversupply
4/17/2019 14:29	0:01	KS	0.002	2.193	Oversupply
4/17/2019 14:29	0:02	SMRR	0.030	0.033	Oversupply
4/17/2019 14:30	0:01	BS250	Data is not available	Data is not available	Oversupply
4/17/2019 14:30	0:01	KS	0.028	0.828	Oversupply
4/17/2019 14:31	0:01	KWP II	0.001	13.102	Oversupply
4/17/2019 14:31	0:02	KS	0.055	0.115	Oversupply
4/17/2019 14:31	0:01	SMRR	0.014	0.292	Oversupply
4/17/2019 14:31	0:01	SMRR	0.014	0.628	Oversupply
4/17/2019 14:32	0:01	SMRR	0.014	1.011	Oversupply
4/17/2019 14:32	0:01	KS	0.028	-0.002	Oversupply
4/17/2019 14:33	0:01	SMRR	0.014	1.005	Oversupply
4/17/2019 14:33	0:01	KS	0.028	-0.002	Oversupply
4/17/2019 14:34	0:01	SMRR	0.014	0.321	Oversupply
4/17/2019 14:34	0:01	KS	0.028	-0.002	Oversupply
4/17/2019 14:35	0:01	SMRR	0.014	0.248	Oversupply
4/17/2019 14:35	0:01	KS	0.028	-0.002	Oversupply
4/17/2019 14:35	0:01	SMRR	0.014	0.379	Oversupply
4/17/2019 14:36	0:01	KS	0.028	-0.002	Oversupply
4/17/2019 14:36	0:01	SMRR	0.014	0.565	Oversupply
4/17/2019 14:37	0:01	KS	0.028	0.042	Oversupply
4/17/2019 14:37	0:01	SMRR	0.014	0.745	Oversupply
4/17/2019 14:38	0:01	SMRR	0.014	0.806	Oversupply
4/17/2019 14:38	0:01	KS	0.028	0.353	Oversupply
4/17/2019 14:39	0:01	KS	0.028	0.957	Oversupply
4/17/2019 14:39	0:01	SMRR	0.014	1.907	Oversupply
4/17/2019 14:41	0:01	SMRR	0.014	1.732	Oversupply
4/17/2019 14:41	0:01	SMRR	0.014	1.348	Oversupply
4/17/2019 14:42	0:01	KS	0.028	2.423	Oversupply
4/17/2019 14:43	0:01	KS	0.027	1.798	Oversupply
4/17/2019 14:44	0:01	KS	0.025	1.887	Oversupply
4/17/2019 14:55	0:01	SMRR	0.000	2.729	Oversupply



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4/17/2019 14:56	0:01	KS	0.001	2.899	Oversupply
4/17/2019 14:58	0:01	KS	0.001	2.910	Oversupply
4/17/2019 15:05	0:01	SMRR	0.002	1.113	Oversupply
4/17/2019 15:07	0:01	KS	0.001	1.755	Oversupply
4/17/2019 15:15	0:01	SMRR	0.005	1.134	Oversupply
4/17/2019 15:18	0:01	SMRR	0.005	2.356	Oversupply
4/17/2019 15:19	0:01	SMRR	0.005	2.194	Oversupply
4/17/2019 15:20	0:01	SMRR	0.005	2.037	Oversupply
4/17/2019 15:20	0:01	KS	0.004	3.011	Oversupply
4/17/2019 15:20	0:01	SMRR	0.005	1.566	Oversupply
4/17/2019 15:21	0:01	KS	0.004	2.086	Oversupply
4/17/2019 15:21	0:01	SMRR	0.005	1.408	Oversupply
4/17/2019 15:22	0:01	KS	0.004	2.136	Oversupply
4/17/2019 15:23	0:01	KS	0.004	1.283	Oversupply
4/17/2019 15:23	0:01	SMRR	0.005	0.959	Oversupply
4/17/2019 15:23	0:01	KS	0.004	2.301	Oversupply
4/17/2019 15:26	0:01	SMRR	0.005	1.636	Oversupply
4/17/2019 15:27	0:01	SMRR	0.005	2.007	Oversupply
4/17/2019 15:28	0:01	SMRR	0.005	1.787	Oversupply
4/17/2019 15:29	0:01	SMRR	0.005	1.287	Oversupply
4/17/2019 15:29	0:01	KS	0.006	1.584	Oversupply
4/17/2019 15:30	0:01	SMRR	0.001	0.922	Oversupply
4/17/2019 15:30	0:01	KS	0.005	0.782	Oversupply
4/17/2019 15:30	0:01	SMRR	0.001	0.669	Oversupply
4/17/2019 15:31	0:01	KS	0.005	1.463	Oversupply
4/17/2019 15:31	0:01	SMRR	0.001	0.625	Oversupply
4/17/2019 15:32	0:01	SMRR	0.001	0.688	Oversupply
4/17/2019 15:32	0:01	KS	0.005	2.255	Oversupply
4/17/2019 15:33	0:01	KS	0.005	2.591	Oversupply
4/17/2019 15:34	0:01	SMRR	0.001	0.732	Oversupply
4/17/2019 15:35	0:01	KS	0.005	2.616	Oversupply
4/17/2019 15:36	0:01	SMRR	0.001	0.896	Oversupply
4/17/2019 15:36	0:01	SMRR	0.001	1.585	Oversupply
4/17/2019 15:38	0:01	KS	0.005	2.229	Oversupply
4/18/2019 0:58	0:02	KWP2	0.009	18.515	Oversupply
4/18/2019 1:02	0:21	KWP2	0.744	20.390	Oversupply
4/18/2019 1:24	0:02	KWP2	0.016	19.676	Oversupply
4/18/2019 2:00	0:26	KWP2	0.950	19.494	Oversupply
4/18/2019 2:45	0:01	KWP2	0.001	19.317	Oversupply
4/18/2019 2:56	1:38	KWP2	9.696	20.708	Oversupply
4/18/2019 4:37	0:18	KWP2	0.512	20.708	Oversupply
4/18/2019 4:59	0:02	KWP2	0.035	20.708	Oversupply
4/18/2019 8:31	0:01	SMRR	0.008	1.401	System constraint
4/18/2019 8:33	0:01	SMRR	0.008	1.403	Oversupply
4/18/2019 8:34	0:01	KS	0.006	0.457	Oversupply
4/18/2019 8:36	0:01	SMRR	0.008	1.462	Oversupply
4/18/2019 8:37	0:01	SMRR	0.008	1.467	Oversupply
4/18/2019 8:37	0:01	SMRR	0.008	0.507	Oversupply
4/18/2019 8:37	0:01	KS	0.006	0.883	Oversupply
4/18/2019 8:38	0:04	BS250	Data is not available	Data is not available	Oversupply
4/18/2019 8:38	0:03	SMRR	0.033	0.075	Oversupply
4/18/2019 8:38	0:01	KS	0.006	1.283	Oversupply
4/18/2019 8:39	0:03	KWP2	0.044	20.373	Oversupply
4/18/2019 8:39	0:01	KS	0.006	0.878	Oversupply
4/18/2019 8:40	0:03	KS	0.023	0.036	Oversupply
4/18/2019 8:41	0:01	SMRR	0.008	0.112	Oversupply
4/18/2019 8:42	0:01	SMRR	0.008	0.284	Oversupply
4/18/2019 8:43	0:01	KWP2	0.005	19.956	Oversupply
4/18/2019 8:43	0:01	SMRR	0.008	0.082	Oversupply
4/18/2019 8:43	0:01	KS	0.006	0.084	Oversupply
4/18/2019 8:44	0:01	SMRR	0.008	0.403	Oversupply
4/18/2019 8:44	0:01	SMRR	0.016	0.024	Oversupply
4/18/2019 8:44	0:01	KS	0.011	0.003	Oversupply
4/18/2019 8:45	0:01	SMRR	0.019	0.328	Oversupply
4/18/2019 8:45	0:01	KS	0.011	0.219	Oversupply
4/18/2019 8:46	0:01	SMRR	0.020	0.141	Oversupply
4/18/2019 8:46	0:01	KS	0.011	0.007	Oversupply
4/18/2019 8:47	0:08	BS250	Data is not available	Data is not available	Oversupply
4/18/2019 8:47	0:21	KWP2	0.741	20.153	Oversupply
4/18/2019 8:47	0:07	SMRR	0.179	0.007	Oversupply
4/18/2019 8:47	0:01	KS	0.011	0.328	Oversupply
4/18/2019 8:48	0:08	KS	0.095	0.025	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/18/2019 8:54	0:01	SMRR	0.019	0.033	Oversupply
4/18/2019 8:54	0:01	SMRR	0.020	0.241	Oversupply
4/18/2019 8:55	0:13	SMRR	0.362	0.049	Oversupply
4/18/2019 8:56	0:36	BS250	Data is not available	Data is not available	Oversupply
4/18/2019 8:56	0:01	KS	0.011	0.020	Oversupply
4/18/2019 8:56	0:13	KS	0.157	0.003	Oversupply
4/18/2019 9:08	0:02	SMRR	0.044	0.015	Oversupply
4/18/2019 9:09	0:23	KWPPII	0.836	19.860	Oversupply
4/18/2019 9:09	0:02	KS	0.021	0.011	Oversupply
4/18/2019 9:10	0:21	SMRR	0.651	0.004	Oversupply
4/18/2019 9:11	0:30	KS	0.684	0.091	Oversupply
4/18/2019 9:31	0:01	SMRR	0.019	0.158	Oversupply
4/18/2019 9:32	0:01	SMRR	0.019	0.142	Oversupply
4/18/2019 9:32	0:01	SMRR	0.019	0.048	Oversupply
4/18/2019 9:33	0:07	BS250	Data is not available	Data is not available	Oversupply
4/18/2019 9:33	0:06	SMRR	0.155	0.004	Oversupply
4/18/2019 9:34	0:06	KWPPII	0.182	18.959	Oversupply
4/18/2019 9:39	0:01	SMRR	0.019	0.058	Oversupply
4/18/2019 9:40	0:01	SMRR	0.019	1.025	Oversupply
4/18/2019 9:41	0:01	SMRR	0.019	1.498	Oversupply
4/18/2019 9:41	0:01	KS	0.024	0.610	Oversupply
4/18/2019 9:42	0:01	SMRR	0.019	1.677	Oversupply
4/18/2019 9:42	0:01	KS	0.024	1.111	Oversupply
4/18/2019 9:43	0:01	KS	0.024	1.576	Oversupply
4/18/2019 9:44	0:01	SMRR	0.018	2.110	Oversupply
4/18/2019 9:45	0:01	SMRR	0.014	2.118	Oversupply
4/18/2019 9:45	0:01	KS	0.009	2.230	Oversupply
4/18/2019 9:45	0:01	SMRR	0.013	2.129	Oversupply
4/18/2019 9:46	0:01	SMRR	0.014	2.135	Oversupply
4/18/2019 9:47	0:01	SMRR	0.014	2.073	Oversupply
4/18/2019 9:48	0:01	SMRR	0.014	2.022	Oversupply
4/18/2019 9:48	0:01	KS	0.009	1.686	Oversupply
4/18/2019 9:49	0:01	KS	0.009	1.597	Oversupply
4/18/2019 9:50	0:01	SMRR	0.014	2.092	Oversupply
4/18/2019 9:51	0:02	SMRR	0.028	1.290	Oversupply
4/18/2019 9:51	0:01	KS	0.009	1.336	Oversupply
4/18/2019 9:52	0:01	KS	0.009	1.478	Oversupply
4/18/2019 9:52	0:01	SMRR	0.013	1.316	Oversupply
4/18/2019 9:53	0:01	KS	0.009	1.540	Oversupply
4/18/2019 9:53	0:01	SMRR	0.014	0.801	Oversupply
4/18/2019 9:54	0:01	KS	0.009	1.319	Oversupply
4/18/2019 9:54	0:01	SMRR	0.014	0.961	Oversupply
4/18/2019 9:54	0:01	KS	0.009	0.631	Oversupply
4/18/2019 9:55	0:01	SMRR	0.014	0.302	Oversupply
4/18/2019 9:55	0:01	KS	0.009	0.801	Oversupply
4/18/2019 9:55	0:05	SMRR	0.089	0.015	Oversupply
4/18/2019 9:56	0:04	BS250	Data is not available	Data is not available	Oversupply
4/18/2019 9:56	0:05	KWPPII	0.082	18.559	Oversupply
4/18/2019 9:56	0:01	KS	0.009	0.171	Oversupply
4/18/2019 9:57	0:04	KS	0.085	0.033	Oversupply
4/18/2019 10:00	0:01	SMRR	0.028	0.141	Oversupply
4/18/2019 10:01	0:01	SMRR	0.028	0.201	Oversupply
4/18/2019 10:01	0:01	KS	0.028	0.004	Oversupply
4/18/2019 10:01	0:01	SMRR	0.028	0.003	Oversupply
4/18/2019 10:02	0:01	BS250	Data is not available	Data is not available	Oversupply
4/18/2019 10:02	0:01	KWPPII	0.008	15.843	Oversupply
4/18/2019 10:02	0:01	KS	0.028	0.168	Oversupply
4/18/2019 10:02	0:01	SMRR	0.028	0.095	Oversupply
4/18/2019 10:03	0:01	SMRR	0.029	0.501	Oversupply
4/18/2019 10:03	0:01	KS	0.027	0.009	Oversupply
4/18/2019 10:04	0:05	BS250	Data is not available	Data is not available	Oversupply
4/18/2019 10:04	0:04	SMRR	0.140	0.003	Oversupply
4/18/2019 10:04	0:01	KS	0.028	0.060	Oversupply
4/18/2019 10:05	0:04	KWPPII	0.162	17.216	Oversupply
4/18/2019 10:05	0:01	KS	0.028	0.471	Oversupply
4/18/2019 10:06	0:03	KS	0.110	0.009	Oversupply
4/18/2019 10:08	0:01	SMRR	0.028	0.141	Oversupply
4/18/2019 10:08	0:02	SMRR	0.085	0.032	Oversupply
4/18/2019 10:09	0:01	KS	0.028	0.021	Oversupply
4/18/2019 10:10	0:04	BS250	Data is not available	Data is not available	Oversupply
4/18/2019 10:10	0:05	KWPPII	0.047	14.498	Oversupply
4/18/2019 10:10	0:03	KS	0.083	0.045	Oversupply



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4/18/2019 10:11	0:04	SMRR	0.140	0.013	Oversupply
4/18/2019 10:13	0:01	KS	0.026	0.096	Oversupply
4/18/2019 10:13	0:02	KS	0.055	0.012	Oversupply
4/18/2019 10:14	0:01	SMRR	0.029	0.277	Oversupply
4/18/2019 10:15	0:58	BS250	Data is not available	Data is not available	Oversupply
4/18/2019 10:15	0:01	KS	0.036	0.004	Oversupply
4/18/2019 10:15	0:57	SMRR	2.393	0.015	Oversupply
4/18/2019 10:16	0:58	KWPPII	4.925	17.453	Oversupply
4/18/2019 10:16	0:01	KS	0.036	0.245	Oversupply
4/18/2019 10:17	0:57	KS	2.528	0.015	Oversupply
4/18/2019 11:12	0:01	SMRR	0.032	0.231	Oversupply
4/18/2019 11:13	0:01	SMRR	0.033	1.072	Oversupply
4/18/2019 11:14	0:01	KS	0.038	0.028	Oversupply
4/18/2019 11:14	0:01	SMRR	0.032	0.449	Oversupply
4/18/2019 11:15	0:02	BS250	Data is not available	Data is not available	Oversupply
4/18/2019 11:15	0:02	SMRR	0.089	0.008	Oversupply
4/18/2019 11:15	0:01	KS	0.035	0.878	Oversupply
4/18/2019 11:16	0:02	KWPPII	0.019	7.634	Oversupply
4/18/2019 11:16	0:01	KS	0.035	0.972	Oversupply
4/18/2019 11:17	0:02	KS	0.071	0.651	Oversupply
4/18/2019 11:17	0:01	SMRR	0.030	0.291	Oversupply
4/18/2019 11:18	0:01	SMRR	0.030	0.720	Oversupply
4/18/2019 11:18	0:01	KS	0.035	0.037	Oversupply
4/18/2019 11:19	0:01	SMRR	0.030	0.775	Oversupply
4/18/2019 11:19	0:01	KS	0.035	0.757	Oversupply
4/18/2019 11:19	0:01	SMRR	0.030	0.897	Oversupply
4/18/2019 11:20	0:01	KS	0.035	0.766	Oversupply
4/18/2019 11:20	0:01	SMRR	0.030	0.622	Oversupply
4/18/2019 11:21	0:01	KS	0.035	0.850	Oversupply
4/18/2019 11:21	0:01	SMRR	0.029	0.721	Oversupply
4/18/2019 11:22	0:01	SMRR	0.030	0.662	Oversupply
4/18/2019 11:22	0:01	KS	0.035	0.530	Oversupply
4/18/2019 11:22	0:01	SMRR	0.030	0.793	Oversupply
4/18/2019 11:23	0:01	KS	0.035	0.827	Oversupply
4/18/2019 11:23	0:02	SMRR	0.060	0.008	Oversupply
4/18/2019 11:23	0:01	KS	0.035	0.659	Oversupply
4/18/2019 11:24	0:01	BS250	Data is not available	Data is not available	Oversupply
4/18/2019 11:24	0:01	KWPPII	0.000	9.117	Oversupply
4/18/2019 11:24	0:01	KS	0.035	0.544	Oversupply
4/18/2019 11:25	0:01	SMRR	0.029	0.207	Oversupply
4/18/2019 11:25	0:01	KS	0.035	0.017	Oversupply
4/18/2019 11:25	0:02	SMRR	0.089	0.013	Oversupply
4/18/2019 11:26	0:02	BS250	Data is not available	Data is not available	Oversupply
4/18/2019 11:26	0:01	KS	0.035	0.248	Oversupply
4/18/2019 11:27	0:01	KWPPII	0.016	9.328	Oversupply
4/18/2019 11:27	0:02	KS	0.071	0.008	Oversupply
4/18/2019 11:28	0:01	SMRR	0.029	0.418	Oversupply
4/18/2019 11:28	0:01	SMRR	0.030	1.073	Oversupply
4/18/2019 11:29	0:01	KS	0.034	0.007	Oversupply
4/18/2019 11:29	0:01	SMRR	0.019	0.649	Oversupply
4/18/2019 11:30	0:01	KS	0.019	0.444	Oversupply
4/18/2019 11:30	0:01	SMRR	0.015	0.532	Oversupply
4/18/2019 11:30	0:01	KS	0.019	1.026	Oversupply
4/18/2019 11:31	0:01	SMRR	0.015	0.770	Oversupply
4/18/2019 11:31	0:01	KS	0.019	0.765	Oversupply
4/18/2019 11:32	0:01	SMRR	0.015	0.551	Oversupply
4/18/2019 11:32	0:01	KS	0.019	0.631	Oversupply
4/18/2019 11:32	0:01	SMRR	0.015	0.557	Oversupply
4/18/2019 11:33	0:01	KS	0.019	0.758	Oversupply
4/18/2019 11:33	0:01	SMRR	0.015	1.077	Oversupply
4/18/2019 11:34	0:01	SMRR	0.015	1.213	Oversupply
4/18/2019 11:34	0:01	KS	0.019	0.374	Oversupply
4/18/2019 11:35	0:01	SMRR	0.015	1.191	Oversupply
4/18/2019 11:35	0:01	KS	0.019	1.112	Oversupply
4/18/2019 11:35	0:01	SMRR	0.015	1.880	Oversupply
4/18/2019 11:36	0:01	KS	0.019	1.360	Oversupply
4/18/2019 11:36	0:01	SMRR	0.015	1.815	Oversupply
4/18/2019 11:36	0:01	KS	0.019	1.489	Oversupply
4/18/2019 11:37	0:01	SMRR	0.015	2.043	Oversupply
4/18/2019 11:37	0:01	KS	0.019	2.089	Oversupply
4/18/2019 11:38	0:01	SMRR	0.015	1.859	Oversupply
4/18/2019 11:38	0:01	KS	0.019	1.848	Oversupply



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4/18/2019 11:38	0:01	SMRR	0.015	1.875	Oversupply
4/18/2019 11:39	0:01	KS	0.019	1.899	Oversupply
4/18/2019 11:39	0:01	SMRR	0.015	1.913	Oversupply
4/18/2019 11:40	0:01	KS	0.019	1.736	Oversupply
4/18/2019 11:40	0:01	SMRR	0.015	2.035	Oversupply
4/18/2019 11:41	0:01	KS	0.019	2.000	Oversupply
4/18/2019 11:42	0:01	KS	0.019	2.329	Oversupply
4/18/2019 11:42	0:01	SMRR	0.015	2.626	Oversupply
4/18/2019 11:43	0:01	SMRR	0.015	2.261	Oversupply
4/18/2019 11:43	0:01	KS	0.019	2.857	Oversupply
4/18/2019 11:44	0:01	SMRR	0.015	1.222	Oversupply
4/18/2019 11:44	0:01	KS	0.009	2.597	Oversupply
4/18/2019 11:45	0:01	SMRR	0.004	0.981	Oversupply
4/18/2019 11:45	0:01	KS	0.004	1.798	Oversupply
4/18/2019 11:45	0:01	SMRR	0.004	1.801	Oversupply
4/18/2019 11:46	0:01	KS	0.004	0.930	Oversupply
4/18/2019 11:46	0:01	SMRR	0.004	2.496	Oversupply
4/18/2019 11:47	0:01	KS	0.004	1.643	Oversupply
4/18/2019 11:52	0:01	SMRR	0.004	2.442	Oversupply
4/18/2019 11:53	0:01	KS	0.004	2.881	Oversupply
4/18/2019 11:54	0:01	KS	0.004	2.504	Oversupply
4/18/2019 12:03	0:01	SMRR	0.003	2.347	Oversupply
4/18/2019 12:04	0:01	SMRR	0.003	2.136	Oversupply
4/18/2019 12:04	0:01	KS	0.004	2.671	Oversupply
4/18/2019 12:04	0:01	SMRR	0.003	2.422	Oversupply
4/18/2019 12:05	0:01	KS	0.004	2.187	Oversupply
4/18/2019 12:05	0:01	SMRR	0.003	2.256	Oversupply
4/18/2019 12:06	0:01	KS	0.004	2.347	Oversupply
4/18/2019 12:06	0:01	SMRR	0.003	2.247	Oversupply
4/18/2019 12:07	0:01	SMRR	0.003	2.652	Oversupply
4/18/2019 12:07	0:01	KS	0.004	2.416	Oversupply
4/18/2019 12:07	0:01	SMRR	0.003	2.056	Oversupply
4/18/2019 12:08	0:01	KS	0.004	2.260	Oversupply
4/18/2019 12:08	0:01	SMRR	0.003	2.371	Oversupply
4/18/2019 12:08	0:01	KS	0.004	2.759	Oversupply
4/18/2019 12:09	0:01	SMRR	0.004	2.695	Oversupply
4/18/2019 12:09	0:01	KS	0.004	1.914	Oversupply
4/18/2019 12:10	0:01	SMRR	0.003	2.698	Oversupply
4/18/2019 12:11	0:01	SMRR	0.003	2.399	Oversupply
4/18/2019 12:12	0:01	KS	0.004	2.579	Oversupply
4/18/2019 12:14	0:01	SMRR	0.003	2.704	Oversupply
4/18/2019 12:14	0:01	SMRR	0.017	2.695	Oversupply
4/18/2019 12:15	0:02	SMRR	0.045	2.104	Oversupply
4/18/2019 12:16	0:01	KS	0.023	2.494	Oversupply
4/18/2019 12:17	0:01	SMRR	0.023	1.750	Oversupply
4/18/2019 12:17	0:01	KS	0.023	1.641	Oversupply
4/18/2019 12:17	0:01	SMRR	0.022	0.780	Oversupply
4/18/2019 12:18	0:01	KS	0.023	2.066	Oversupply
4/18/2019 12:18	0:01	SMRR	0.023	0.423	Oversupply
4/18/2019 12:19	0:01	KS	0.023	1.161	Oversupply
4/18/2019 12:19	0:01	SMRR	0.023	0.472	Oversupply
4/18/2019 12:20	0:01	SMRR	0.023	0.227	Oversupply
4/18/2019 12:20	0:01	KS	0.023	0.557	Oversupply
4/18/2019 12:20	0:01	SMRR	0.022	0.299	Oversupply
4/18/2019 12:21	0:01	KS	0.023	0.437	Oversupply
4/18/2019 12:21	0:01	SMRR	0.023	1.125	Oversupply
4/18/2019 12:21	0:01	KS	0.023	0.239	Oversupply
4/18/2019 12:22	0:01	SMRR	0.023	0.315	Oversupply
4/18/2019 12:22	0:01	KS	0.023	0.396	Oversupply
4/18/2019 12:23	0:01	SMRR	0.023	0.088	Oversupply
4/18/2019 12:23	0:01	KS	0.022	0.879	Oversupply
4/18/2019 12:23	0:01	SMRR	0.023	0.489	Oversupply
4/18/2019 12:24	0:02	KS	0.046	0.202	Oversupply
4/18/2019 12:24	0:01	SMRR	0.023	0.756	Oversupply
4/18/2019 12:25	0:01	SMRR	0.023	1.286	Oversupply
4/18/2019 12:26	0:01	KS	0.023	0.651	Oversupply
4/18/2019 12:26	0:01	SMRR	0.023	1.114	Oversupply
4/18/2019 12:27	0:01	SMRR	0.022	1.434	Oversupply
4/18/2019 12:27	0:01	KS	0.023	1.491	Oversupply
4/18/2019 12:27	0:01	SMRR	0.023	1.765	Oversupply
4/18/2019 12:27	0:01	KS	0.023	1.139	Oversupply
4/18/2019 12:28	0:01	SMRR	0.023	1.382	Oversupply



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4/18/2019 12:28	0:01	KS	0.023	1.634	Oversupply
4/18/2019 12:29	0:01	SMRR	0.021	1.612	Oversupply
4/18/2019 12:29	0:01	KS	0.017	1.520	Oversupply
4/18/2019 12:30	0:01	SMRR	0.010	1.416	Oversupply
4/18/2019 12:30	0:01	KS	0.014	1.482	Oversupply
4/18/2019 12:30	0:01	SMRR	0.010	1.290	Oversupply
4/18/2019 12:31	0:01	KS	0.014	1.758	Oversupply
4/18/2019 12:31	0:01	SMRR	0.010	2.060	Oversupply
4/18/2019 12:32	0:01	KS	0.013	1.136	Oversupply
4/18/2019 12:32	0:01	SMRR	0.010	2.233	Oversupply
4/18/2019 12:33	0:01	KS	0.014	2.035	Oversupply
4/18/2019 12:33	0:01	SMRR	0.010	2.187	Oversupply
4/18/2019 12:33	0:01	SMRR	0.010	1.215	Oversupply
4/18/2019 12:33	0:01	KS	0.014	2.202	Oversupply
4/18/2019 12:34	0:01	SMRR	0.010	0.982	Oversupply
4/18/2019 12:34	0:01	KS	0.014	2.076	Oversupply
4/18/2019 12:35	0:01	SMRR	0.010	0.825	Oversupply
4/18/2019 12:35	0:01	KS	0.014	1.258	Oversupply
4/18/2019 12:36	0:01	SMRR	0.010	0.673	Oversupply
4/18/2019 12:36	0:01	KS	0.014	0.837	Oversupply
4/18/2019 12:36	0:01	SMRR	0.010	1.102	Oversupply
4/18/2019 12:37	0:01	KS	0.014	0.578	Oversupply
4/18/2019 12:37	0:01	SMRR	0.010	2.075	Oversupply
4/18/2019 12:38	0:01	KS	0.013	0.755	Oversupply
4/18/2019 12:39	0:01	KS	0.013	2.038	Oversupply
4/18/2019 12:41	0:01	SMRR	0.010	2.683	Oversupply
4/18/2019 12:42	0:01	SMRR	0.010	2.656	Oversupply
4/18/2019 12:43	0:01	SMRR	0.010	2.701	Oversupply
4/18/2019 12:43	0:01	KS	0.014	2.810	Oversupply
4/18/2019 12:43	0:01	SMRR	0.010	2.646	Oversupply
4/18/2019 12:44	0:01	KS	0.012	2.628	Oversupply
4/18/2019 12:45	0:01	KS	0.000	2.731	Oversupply
4/18/2019 22:27	0:01	KWP2	0.002	19.193	Oversupply
4/18/2019 22:50	0:51	KWP2	2.578	19.211	Oversupply
4/19/2019 0:21	0:21	KWP2	1.038	19.211	Oversupply
4/19/2019 0:44	0:45	KWP2	2.390	19.211	Oversupply
4/19/2019 1:54	0:11	KWP2	0.286	19.204	Oversupply
4/19/2019 2:13	0:01	KWP2	0.002	19.211	Oversupply
4/19/2019 2:26	0:35	KWP2	1.492	20.708	Oversupply
4/19/2019 3:09	0:09	KWP2	0.216	19.124	Oversupply
4/19/2019 3:19	0:01	KWP2	0.009	18.518	Oversupply
4/19/2019 3:21	0:01	KWP2	0.001	18.820	Oversupply
4/19/2019 3:35	0:42	KWP2	2.958	19.205	Oversupply
4/19/2019 4:23	0:31	KWP2	2.309	19.211	Oversupply
4/19/2019 5:14	0:12	KWP2	0.437	19.211	Oversupply
4/19/2019 5:31	0:06	KWP2	0.089	19.211	Oversupply
4/19/2019 8:24	0:01	SMRR	0.005	1.320	Oversupply
4/19/2019 8:25	0:03	SMRR	0.020	0.828	Oversupply
4/19/2019 8:26	0:02	BS250	Data is not available	Data is not available	Oversupply
4/19/2019 8:26	0:03	KWP2	0.030	20.701	Oversupply
4/19/2019 8:26	0:01	KS	0.004	1.056	Oversupply
4/19/2019 8:27	0:03	KS	0.019	0.918	Oversupply
4/19/2019 8:28	0:01	SMRR	0.005	-0.002	Oversupply
4/19/2019 8:29	0:01	BS250	Data is not available	Data is not available	Oversupply
4/19/2019 8:29	0:02	SMRR	0.009	-0.002	Oversupply
4/19/2019 8:30	0:01	SMRR	0.006	-0.002	Oversupply
4/19/2019 8:30	0:01	KS	0.009	-0.002	Oversupply
4/19/2019 8:31	0:01	SMRR	0.006	-0.002	Oversupply
4/19/2019 8:31	0:01	KS	0.009	-0.002	Oversupply
4/19/2019 8:32	0:01	SMRR	0.006	0.184	Oversupply
4/19/2019 8:32	0:01	KS	0.009	-0.002	Oversupply
4/19/2019 8:32	0:01	SMRR	0.006	0.526	Oversupply
4/19/2019 8:33	0:01	BS250	Data is not available	Data is not available	Oversupply
4/19/2019 8:33	0:01	KS	0.009	-0.002	Oversupply
4/19/2019 8:33	0:01	SMRR	0.006	0.808	Oversupply
4/19/2019 8:34	0:01	KS	0.009	0.110	Oversupply
4/19/2019 8:34	0:01	SMRR	0.006	0.289	Oversupply
4/19/2019 8:34	0:01	KS	0.009	0.361	Oversupply
4/19/2019 8:35	0:01	SMRR	0.006	0.836	Oversupply
4/19/2019 8:35	0:01	KS	0.009	0.388	Oversupply
4/19/2019 8:35	0:01	SMRR	0.006	1.310	Oversupply
4/19/2019 8:36	0:01	KS	0.009	0.784	Oversupply





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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/19/2019 8:37	0:01	SMRR	0.006	1.450	Oversupply
4/19/2019 8:37	0:01	KS	0.009	0.933	Oversupply
4/19/2019 8:38	0:01	SMRR	0.006	1.338	Oversupply
4/19/2019 8:40	0:01	SMRR	0.006	1.492	Oversupply
4/19/2019 8:41	0:01	SMRR	0.006	1.503	Oversupply
4/19/2019 8:42	0:01	KS	0.009	1.395	Oversupply
4/19/2019 8:43	0:01	SMRR	0.006	1.527	Oversupply
4/19/2019 8:43	0:01	KS	0.009	1.210	Oversupply
4/19/2019 8:44	0:01	SMRR	0.007	1.407	Oversupply
4/19/2019 8:45	0:01	SMRR	0.016	0.917	Oversupply
4/19/2019 8:45	0:01	KS	0.014	1.531	Oversupply
4/19/2019 8:45	0:01	SMRR	0.016	0.622	Oversupply
4/19/2019 8:46	0:01	KS	0.014	1.553	Oversupply
4/19/2019 8:46	0:01	SMRR	0.016	0.906	Oversupply
4/19/2019 8:47	0:01	KS	0.014	1.189	Oversupply
4/19/2019 8:48	0:01	KS	0.014	0.873	Oversupply
4/19/2019 8:48	0:01	SMRR	0.016	1.425	Oversupply
4/19/2019 8:48	0:01	KS	0.014	1.410	Oversupply
4/19/2019 8:48	0:01	SMRR	0.016	0.924	Oversupply
4/19/2019 8:49	0:02	SMRR	0.033	0.123	Oversupply
4/19/2019 8:49	0:01	KS	0.014	1.557	Oversupply
4/19/2019 8:50	0:01	KWPPII	0.001	19.527	Oversupply
4/19/2019 8:50	0:01	KS	0.014	0.927	Oversupply
4/19/2019 8:51	0:01	SMRR	0.016	-0.002	Oversupply
4/19/2019 8:51	0:01	KS	0.014	0.193	Oversupply
4/19/2019 8:52	0:17	SMRR	0.371	-0.002	Oversupply
4/19/2019 8:52	0:04	BS250	Data is not available	Data is not available	Oversupply
4/19/2019 8:52	0:06	KS	0.095	0.018	Oversupply
4/19/2019 8:53	0:03	KWPPII	0.039	20.372	Oversupply
4/19/2019 8:57	0:11	BS250	Data is not available	Data is not available	Oversupply
4/19/2019 8:57	0:12	KWPPII	0.564	20.293	Oversupply
4/19/2019 8:58	0:12	KS	0.253	0.167	Oversupply
4/19/2019 9:08	0:01	SMRR	0.017	-0.002	Oversupply
4/19/2019 9:09	0:01	SMRR	0.018	0.136	Oversupply
4/19/2019 9:10	0:01	BS250	Data is not available	Data is not available	Oversupply
4/19/2019 9:10	0:01	KWPPII	0.009	20.119	Oversupply
4/19/2019 9:10	0:01	SMRR	0.018	0.470	Oversupply
4/19/2019 9:10	0:01	KS	0.019	0.177	Oversupply
4/19/2019 9:11	0:01	SMRR	0.018	0.298	Oversupply
4/19/2019 9:11	0:02	KS	0.037	0.194	Oversupply
4/19/2019 9:11	0:01	SMRR	0.018	0.670	Oversupply
4/19/2019 9:12	0:01	SMRR	0.018	1.742	Oversupply
4/19/2019 9:13	0:01	KS	0.019	0.994	Oversupply
4/19/2019 9:13	0:01	SMRR	0.017	1.802	Oversupply
4/19/2019 9:14	0:01	KS	0.019	1.515	Oversupply
4/19/2019 9:14	0:01	SMRR	0.018	1.775	Oversupply
4/19/2019 9:15	0:01	KS	0.009	1.889	Oversupply
4/19/2019 9:17	0:01	SMRR	0.013	1.873	Oversupply
4/19/2019 9:20	0:01	KS	0.009	2.005	Oversupply
4/19/2019 9:20	0:01	SMRR	0.013	1.901	Oversupply
4/19/2019 9:21	0:01	SMRR	0.013	1.335	Oversupply
4/19/2019 9:21	0:01	KS	0.009	1.354	Oversupply
4/19/2019 9:21	0:01	SMRR	0.013	0.970	Oversupply
4/19/2019 9:22	0:01	SMRR	0.013	0.833	Oversupply
4/19/2019 9:22	0:01	KS	0.009	1.409	Oversupply
4/19/2019 9:23	0:01	SMRR	0.013	0.509	Oversupply
4/19/2019 9:23	0:01	KS	0.009	0.774	Oversupply
4/19/2019 9:24	3:44	BS250	Data is not available	Data is not available	Oversupply
4/19/2019 9:24	3:44	SMRR	9.276	0.030	Oversupply
4/19/2019 9:24	0:01	KS	0.009	0.939	Oversupply
4/19/2019 9:25	0:01	KS	0.009	0.240	Oversupply
4/19/2019 9:26	3:52	KWPPII	25.196	20.291	Oversupply
4/19/2019 9:26	3:54	KS	9.867	0.029	Oversupply
4/19/2019 13:08	0:01	SMRR	0.033	0.027	Oversupply
4/19/2019 13:09	0:09	BS250	Data is not available	Data is not available	Oversupply
4/19/2019 13:09	0:09	SMRR	0.316	0.020	Oversupply
4/19/2019 13:18	0:01	SMRR	0.013	-0.003	Oversupply
4/19/2019 13:19	0:01	SMRR	0.013	0.211	Oversupply
4/19/2019 13:19	0:01	KS	0.024	0.170	Oversupply
4/19/2019 13:20	0:01	KS	0.025	0.997	Oversupply
4/19/2019 22:46	1:08	KWPPII	7.818	20.708	Oversupply
4/19/2019 23:57	6:04	KWPPII	71.146	20.708	Oversupply



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4/20/2019 6:04	0:03	KWP11	0.021	20.617	Oversupply
4/20/2019 7:42	0:01	SMRR	0.001	0.777	Oversupply
4/20/2019 7:43	0:13	BS250	Data is not available	Data is not available	Oversupply
4/20/2019 7:43	0:01	SMRR	0.001	0.785	Oversupply
4/20/2019 7:44	0:12	KWP11	0.257	20.526	Oversupply
4/20/2019 7:44	0:11	SMRR	0.147	0.243	Oversupply
4/20/2019 7:44	0:01	KS	0.001	0.352	Oversupply
4/20/2019 7:45	0:10	KS	0.092	0.381	Oversupply
4/20/2019 7:55	0:02	KS	0.015	0.102	Oversupply
4/20/2019 7:56	0:01	SMRR	0.010	0.394	Oversupply
4/20/2019 7:57	0:01	KS	0.008	0.536	Oversupply
4/20/2019 7:58	0:01	SMRR	0.010	0.736	Oversupply
4/20/2019 7:58	0:01	KS	0.008	0.616	Oversupply
4/20/2019 7:58	0:01	SMRR	0.010	0.281	Oversupply
4/20/2019 7:59	0:01	KS	0.008	0.616	Oversupply
4/20/2019 7:59	0:01	SMRR	0.009	0.188	Oversupply
4/20/2019 8:00	0:02	KS	0.011	0.227	Oversupply
4/20/2019 8:00	0:01	SMRR	0.009	0.484	Oversupply
4/20/2019 8:01	0:05	SMRR	0.061	0.162	Oversupply
4/20/2019 8:01	0:01	KS	0.006	0.300	Oversupply
4/20/2019 8:02	0:04	BS250	Data is not available	Data is not available	Oversupply
4/20/2019 8:02	0:06	KWP11	0.124	20.153	Oversupply
4/20/2019 8:02	0:05	KS	0.034	0.113	Oversupply
4/20/2019 8:06	0:01	SMRR	0.009	0.166	Oversupply
4/20/2019 8:07	0:01	SMRR	0.009	0.070	Oversupply
4/20/2019 8:07	0:01	KS	0.006	0.074	Oversupply
4/20/2019 8:07	0:01	SMRR	0.009	0.317	Oversupply
4/20/2019 8:08	0:01	SMRR	0.009	0.578	Oversupply
4/20/2019 8:08	0:01	KS	0.006	0.000	Oversupply
4/20/2019 8:09	0:01	SMRR	0.009	0.749	Oversupply
4/20/2019 8:09	0:01	KS	0.006	0.139	Oversupply
4/20/2019 8:10	0:01	SMRR	0.009	0.802	Oversupply
4/20/2019 8:10	0:01	KS	0.006	0.207	Oversupply
4/20/2019 8:10	0:01	SMRR	0.009	0.890	Oversupply
4/20/2019 8:11	0:01	KS	0.006	0.284	Oversupply
4/20/2019 8:11	0:01	SMRR	0.009	0.897	Oversupply
4/20/2019 8:12	0:01	KS	0.006	0.237	Oversupply
4/20/2019 8:12	0:01	SMRR	0.009	0.390	Oversupply
4/20/2019 8:13	0:01	SMRR	0.009	0.949	Oversupply
4/20/2019 8:13	0:01	KS	0.006	0.263	Oversupply
4/20/2019 8:14	0:01	SMRR	0.006	1.189	Oversupply
4/20/2019 8:15	0:01	SMRR	0.007	1.103	Oversupply
4/20/2019 8:16	0:01	SMRR	0.007	0.568	Oversupply
4/20/2019 8:17	0:01	SMRR	0.007	1.112	Oversupply
4/20/2019 8:17	0:01	KS	0.002	0.382	Oversupply
4/20/2019 8:17	0:01	SMRR	0.007	1.228	Oversupply
4/20/2019 8:20	0:01	SMRR	0.007	1.201	Oversupply
4/20/2019 8:21	0:01	SMRR	0.007	0.792	Oversupply
4/20/2019 8:22	0:02	BS250	Data is not available	Data is not available	Oversupply
4/20/2019 8:22	0:02	SMRR	0.014	0.016	Oversupply
4/20/2019 8:22	0:01	KS	0.002	0.483	Oversupply
4/20/2019 8:23	0:02	KWP11	0.020	19.565	Oversupply
4/20/2019 8:23	0:01	KS	0.002	0.116	Oversupply
4/20/2019 8:24	0:02	KS	0.005	0.011	Oversupply
4/20/2019 8:24	0:01	SMRR	0.007	0.511	Oversupply
4/20/2019 8:26	0:01	KS	0.002	0.153	Oversupply
4/20/2019 9:26	0:01	KS	-0.001	0.776	Oversupply
4/20/2019 10:36	0:01	SMRR	0.009	2.490	Oversupply
4/20/2019 10:37	0:01	SMRR	0.009	2.461	Oversupply
4/20/2019 10:38	0:01	SMRR	0.009	2.186	Oversupply
4/20/2019 10:38	0:01	KS	0.005	2.287	Oversupply
4/20/2019 10:39	0:01	SMRR	0.009	2.091	Oversupply
4/20/2019 10:39	0:01	KS	0.005	1.492	Oversupply
4/20/2019 10:39	0:01	SMRR	0.009	1.781	Oversupply
4/20/2019 10:40	0:01	KS	0.005	1.317	Oversupply
4/20/2019 10:40	0:01	SMRR	0.009	1.317	Oversupply
4/20/2019 10:41	0:01	KS	0.005	1.139	Oversupply
4/20/2019 10:41	0:01	SMRR	0.009	1.527	Oversupply
4/20/2019 10:41	0:01	KS	0.005	1.051	Oversupply
4/20/2019 10:42	0:01	SMRR	0.009	0.861	Oversupply
4/20/2019 10:42	0:01	KS	0.005	0.878	Oversupply
4/20/2019 10:42	0:28	SMRR	1.118	0.099	Oversupply



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4/20/2019 10:43	0:27	BS250	Data is not available	Data is not available	Oversupply
4/20/2019 10:43	0:01	KS	0.005	1.078	Oversupply
4/20/2019 10:44	0:26	KWPPII	1.972	16.792	Oversupply
4/20/2019 10:44	0:27	KS	0.712	0.262	Oversupply
4/20/2019 11:10	0:01	SMRR	0.030	0.408	Oversupply
4/20/2019 11:11	0:01	SMRR	0.031	0.800	Oversupply
4/20/2019 11:11	0:01	KS	0.019	0.001	Oversupply
4/20/2019 11:11	0:01	SMRR	0.031	0.998	Oversupply
4/20/2019 11:12	0:01	KS	0.020	0.512	Oversupply
4/20/2019 11:12	0:01	SMRR	0.031	1.012	Oversupply
4/20/2019 11:13	0:01	KS	0.020	0.801	Oversupply
4/20/2019 11:13	0:01	SMRR	0.031	1.030	Oversupply
4/20/2019 11:13	0:01	KS	0.020	0.509	Oversupply
4/20/2019 11:14	0:01	SMRR	0.031	1.155	Oversupply
4/20/2019 11:14	0:01	KS	0.006	0.289	Oversupply
4/20/2019 11:14	0:01	SMRR	0.004	1.489	Oversupply
4/20/2019 11:15	0:01	KS	0.001	0.350	Oversupply
4/20/2019 11:16	0:01	SMRR	0.002	2.618	Oversupply
4/20/2019 11:16	0:01	KS	0.001	0.929	Oversupply
4/20/2019 11:17	0:01	SMRR	0.002	2.225	Oversupply
4/20/2019 11:17	0:01	SMRR	0.002	2.171	Oversupply
4/20/2019 11:18	0:01	KS	0.001	0.879	Oversupply
4/20/2019 11:19	0:01	KS	0.001	1.178	Oversupply
4/20/2019 11:19	0:01	KS	0.001	1.106	Oversupply
4/20/2019 11:48	0:01	SMRR	0.024	2.708	Oversupply
4/20/2019 11:49	0:01	SMRR	0.025	1.825	Oversupply
4/20/2019 11:50	0:01	SMRR	0.025	0.880	Oversupply
4/20/2019 11:50	0:01	KS	0.013	1.498	Oversupply
4/20/2019 11:50	0:01	SMRR	0.025	1.015	Oversupply
4/20/2019 11:51	0:01	KS	0.013	1.436	Oversupply
4/20/2019 11:51	0:04	SMRR	0.123	0.261	Oversupply
4/20/2019 11:51	0:01	KS	0.013	0.528	Oversupply
4/20/2019 11:52	0:06	BS250	Data is not available	Data is not available	Oversupply
4/20/2019 11:52	0:19	KWPPII	0.586	16.098	Oversupply
4/20/2019 11:52	0:01	KS	0.013	0.336	Oversupply
4/20/2019 11:53	0:03	KS	0.050	0.029	Oversupply
4/20/2019 11:55	0:01	SMRR	0.025	-0.001	Oversupply
4/20/2019 11:56	0:03	SMRR	0.098	0.016	Oversupply
4/20/2019 11:57	0:01	KS	0.013	-0.002	Oversupply
4/20/2019 11:57	0:11	KS	0.293	-0.002	Oversupply
4/20/2019 11:59	0:01	SMRR	0.025	0.098	Oversupply
4/20/2019 11:59	0:08	SMRR	0.313	0.018	Oversupply
4/20/2019 12:00	0:08	BS250	Data is not available	Data is not available	Oversupply
4/20/2019 12:07	0:01	SMRR	0.032	0.029	Oversupply
4/20/2019 12:08	0:01	SMRR	0.031	0.195	Oversupply
4/20/2019 12:09	0:01	SMRR	0.032	0.238	Oversupply
4/20/2019 12:09	0:01	KS	0.025	0.028	Oversupply
4/20/2019 12:09	0:01	SMRR	0.032	0.037	Oversupply
4/20/2019 12:10	0:01	KS	0.025	0.201	Oversupply
4/20/2019 12:10	0:01	SMRR	0.032	0.640	Oversupply
4/20/2019 12:10	0:01	KS	0.025	0.106	Oversupply
4/20/2019 12:11	0:01	SMRR	0.031	0.772	Oversupply
4/20/2019 12:11	0:01	KS	0.025	0.278	Oversupply
4/20/2019 12:12	0:01	SMRR	0.032	1.289	Oversupply
4/20/2019 12:12	0:01	KS	0.025	1.066	Oversupply
4/20/2019 12:12	0:01	SMRR	0.032	1.678	Oversupply
4/20/2019 12:13	0:01	KS	0.025	0.856	Oversupply
4/20/2019 12:13	0:01	SMRR	0.032	2.033	Oversupply
4/20/2019 12:14	0:01	KS	0.024	1.015	Oversupply
4/20/2019 12:14	0:01	SMRR	0.032	1.166	Oversupply
4/20/2019 12:15	0:01	SMRR	0.031	0.420	Oversupply
4/20/2019 12:15	0:01	KS	0.036	1.252	Oversupply
4/20/2019 12:15	0:01	SMRR	0.032	0.501	Oversupply
4/20/2019 12:16	0:09	BS250	Data is not available	Data is not available	Oversupply
4/20/2019 12:16	0:01	KS	0.036	1.378	Oversupply
4/20/2019 12:16	0:08	SMRR	0.316	0.032	Oversupply
4/20/2019 12:17	0:01	KS	0.036	0.251	Oversupply
4/20/2019 12:17	0:09	KWPPII	0.177	12.094	Oversupply
4/20/2019 12:17	0:07	KS	0.292	0.227	Oversupply
4/20/2019 12:24	0:01	SMRR	0.032	0.021	Oversupply
4/20/2019 12:24	0:01	KS	0.036	0.059	Oversupply
4/20/2019 12:25	0:01	SMRR	0.032	0.011	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/20/2019 12:25	0:01	KS	0.036	0.005	Oversupply
4/20/2019 12:25	0:01	SMRR	0.032	0.911	Oversupply
4/20/2019 12:26	0:01	KS	0.036	0.005	Oversupply
4/20/2019 12:26	0:01	SMRR	0.031	0.682	Oversupply
4/20/2019 12:27	0:01	KS	0.036	0.871	Oversupply
4/20/2019 12:27	0:01	SMRR	0.032	0.271	Oversupply
4/20/2019 12:28	0:01	SMRR	0.032	1.380	Oversupply
4/20/2019 12:28	0:01	KS	0.036	0.849	Oversupply
4/20/2019 12:28	0:01	SMRR	0.032	2.035	Oversupply
4/20/2019 12:29	0:01	KS	0.036	0.273	Oversupply
4/20/2019 12:29	0:01	SMRR	0.015	2.505	Oversupply
4/20/2019 12:30	0:01	KS	0.009	1.737	Oversupply
4/20/2019 12:30	0:01	SMRR	0.005	2.334	Oversupply
4/20/2019 12:30	0:01	KS	0.009	2.489	Oversupply
4/20/2019 12:31	0:01	SMRR	0.005	1.785	Oversupply
4/20/2019 12:31	0:01	KS	0.009	2.438	Oversupply
4/20/2019 12:32	0:01	SMRR	0.005	2.151	Oversupply
4/20/2019 12:32	0:01	KS	0.009	1.836	Oversupply
4/20/2019 12:32	0:01	SMRR	0.005	2.209	Oversupply
4/20/2019 12:33	0:01	KS	0.009	2.010	Oversupply
4/20/2019 12:33	0:01	SMRR	0.005	2.116	Oversupply
4/20/2019 12:34	0:01	SMRR	0.005	1.939	Oversupply
4/20/2019 12:34	0:01	KS	0.009	2.081	Oversupply
4/20/2019 12:35	0:01	SMRR	0.005	1.875	Oversupply
4/20/2019 12:35	0:01	KS	0.009	2.230	Oversupply
4/20/2019 12:36	0:01	KS	0.009	1.854	Oversupply
4/20/2019 12:36	0:01	KS	0.009	1.954	Oversupply
4/20/2019 12:37	0:01	KS	0.009	2.855	Oversupply
4/20/2019 12:40	0:01	SMRR	0.005	2.793	Oversupply
4/20/2019 12:41	0:01	SMRR	0.005	2.578	Oversupply
4/20/2019 12:42	0:02	KS	0.018	2.085	Oversupply
4/20/2019 13:05	0:01	SMRR	0.012	2.709	Oversupply
4/20/2019 13:06	0:01	SMRR	0.011	1.804	Oversupply
4/20/2019 13:07	0:01	SMRR	0.011	2.027	Oversupply
4/20/2019 13:07	0:01	KS	0.011	1.942	Oversupply
4/20/2019 13:07	0:01	SMRR	0.011	2.100	Oversupply
4/20/2019 13:08	0:01	KS	0.010	1.629	Oversupply
4/20/2019 13:08	0:01	SMRR	0.011	2.111	Oversupply
4/20/2019 13:08	0:01	KS	0.011	2.101	Oversupply
4/20/2019 13:09	0:01	SMRR	0.011	2.007	Oversupply
4/20/2019 13:09	0:01	KS	0.011	2.476	Oversupply
4/20/2019 13:10	0:01	SMRR	0.011	1.705	Oversupply
4/20/2019 13:10	0:01	KS	0.011	1.301	Oversupply
4/20/2019 13:10	0:01	SMRR	0.011	1.345	Oversupply
4/20/2019 13:11	0:01	KS	0.011	1.785	Oversupply
4/20/2019 13:11	0:01	SMRR	0.011	1.584	Oversupply
4/20/2019 13:12	0:01	KS	0.011	1.517	Oversupply
4/20/2019 13:12	0:01	SMRR	0.011	1.301	Oversupply
4/20/2019 13:13	0:01	SMRR	0.011	0.285	Oversupply
4/20/2019 13:13	0:01	KS	0.011	1.132	Oversupply
4/20/2019 13:14	0:33	BS250	Data is not available	Data is not available	Oversupply
4/20/2019 13:14	0:34	SMRR	1.516	0.033	Oversupply
4/20/2019 13:14	0:01	KS	0.011	0.956	Oversupply
4/20/2019 13:14	0:01	KS	0.031	0.340	Oversupply
4/20/2019 13:15	0:33	KWPPII	2.170	12.101	Oversupply
4/20/2019 13:15	0:33	KS	1.534	0.033	Oversupply
4/20/2019 13:30	0:02	AWE	0.005	21.000	Oversupply
4/20/2019 13:47	0:01	SMRR	0.034	0.208	Oversupply
4/20/2019 13:48	0:01	SMRR	0.034	0.293	Oversupply
4/20/2019 13:48	0:01	KS	0.033	0.143	Oversupply
4/20/2019 13:49	0:01	SMRR	0.034	0.615	Oversupply
4/20/2019 13:49	0:01	KS	0.033	0.210	Oversupply
4/20/2019 13:49	0:01	SMRR	0.034	0.431	Oversupply
4/20/2019 13:50	0:01	KS	0.033	0.617	Oversupply
4/20/2019 13:50	0:07	SMRR	0.301	0.043	Oversupply
4/20/2019 13:51	0:05	BS250	Data is not available	Data is not available	Oversupply
4/20/2019 13:51	0:17	KWPPII	0.416	15.008	Oversupply
4/20/2019 13:51	0:01	KS	0.032	0.515	Oversupply
4/20/2019 13:52	0:06	KS	0.228	0.015	Oversupply
4/20/2019 13:57	0:25	BS250	Data is not available	Data is not available	Oversupply
4/20/2019 13:57	0:03	SMRR	0.134	-0.004	Oversupply
4/20/2019 13:58	0:01	KS	0.033	0.201	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/20/2019 13:59	0:29	KS	1.081	0.005	Oversupply
4/20/2019 14:00	0:25	SMRR	0.935	0.022	Oversupply
4/20/2019 14:09	0:13	KWPPII	0.591	16.879	Oversupply
4/20/2019 14:23	0:03	BS250	Data is not available	Data is not available	Oversupply
4/20/2019 14:23	0:03	KWPPII	0.065	17.093	Oversupply
4/20/2019 14:25	0:01	SMRR	0.019	0.084	Oversupply
4/20/2019 14:26	0:01	SMRR	0.019	0.195	Oversupply
4/20/2019 14:27	0:05	SMRR	0.078	0.065	Oversupply
4/20/2019 14:28	0:04	BS250	Data is not available	Data is not available	Oversupply
4/20/2019 14:28	0:05	KWPPII	0.169	17.291	Oversupply
4/20/2019 14:28	0:01	KS	0.041	0.474	Oversupply
4/20/2019 14:29	0:05	KS	0.079	0.007	Oversupply
4/20/2019 14:33	0:02	SMRR	0.002	0.270	Oversupply
4/20/2019 14:34	0:01	KS	0.008	0.400	Oversupply
4/20/2019 14:35	0:01	KS	0.008	0.430	Oversupply
4/20/2019 22:45	1:11	KWPPII	8.108	20.708	Oversupply
4/20/2019 23:57	0:08	KWPPII	0.153	20.700	Oversupply
4/21/2019 0:14	0:01	KWPPII	0.007	19.375	Oversupply
4/21/2019 0:22	0:17	KWPPII	0.645	20.699	Oversupply
4/21/2019 0:51	4:51	KWPPII	38.299	20.707	Oversupply
4/21/2019 5:54	0:03	KWPPII	0.030	20.008	Oversupply
4/21/2019 7:00	0:01	SMRR	0.001	0.281	Oversupply
4/21/2019 7:01	0:01	KS	0.000	0.096	Oversupply
4/21/2019 7:02	0:01	KS	0.000	0.096	Oversupply
4/21/2019 7:20	0:01	SMRR	0.004	0.503	Oversupply
4/21/2019 7:21	0:01	SMRR	0.004	0.513	Oversupply
4/21/2019 7:22	0:02	BS250	Data is not available	Data is not available	Oversupply
4/21/2019 7:22	0:02	KWPPII	0.026	19.751	Oversupply
4/21/2019 7:22	0:02	SMRR	0.008	0.072	Oversupply
4/21/2019 7:22	0:01	KS	0.002	0.245	Oversupply
4/21/2019 7:23	0:03	KS	0.007	0.209	Oversupply
4/21/2019 7:23	0:01	SMRR	0.004	0.026	Oversupply
4/21/2019 7:25	0:01	SMRR	0.004	0.556	Oversupply
4/21/2019 7:25	0:01	SMRR	0.004	0.071	Oversupply
4/21/2019 7:26	0:05	SMRR	0.031	0.001	Oversupply
4/21/2019 7:27	0:04	BS250	Data is not available	Data is not available	Oversupply
4/21/2019 7:27	0:05	KWPPII	0.056	20.685	Oversupply
4/21/2019 7:27	0:01	KS	0.002	0.236	Oversupply
4/21/2019 7:28	0:04	KS	0.016	0.005	Oversupply
4/21/2019 7:31	0:01	SMRR	0.009	-0.002	Oversupply
4/21/2019 7:31	0:01	SMRR	0.009	-0.002	Oversupply
4/21/2019 7:32	0:09	SMRR	0.112	0.142	Oversupply
4/21/2019 7:32	0:01	KS	0.004	0.095	Oversupply
4/21/2019 7:33	0:09	BS250	Data is not available	Data is not available	Oversupply
4/21/2019 7:33	0:29	KWPPII	1.608	20.639	Oversupply
4/21/2019 7:33	0:01	KS	0.004	0.124	Oversupply
4/21/2019 7:34	0:10	KS	0.040	0.002	Oversupply
4/21/2019 7:41	0:01	SMRR	0.009	0.044	Oversupply
4/21/2019 7:42	0:23	SMRR	0.344	0.017	Oversupply
4/21/2019 7:43	0:22	BS250	Data is not available	Data is not available	Oversupply
4/21/2019 7:44	0:20	KS	0.092	0.007	Oversupply
4/21/2019 8:03	0:01	KWPPII	0.020	18.978	Oversupply
4/21/2019 8:03	0:02	KS	0.006	0.003	Oversupply
4/21/2019 8:05	0:01	KWPPII	0.003	18.278	Oversupply
4/21/2019 8:05	0:01	SMRR	0.012	0.035	Oversupply
4/21/2019 8:05	0:01	KS	0.003	0.004	Oversupply
4/21/2019 8:06	0:01	BS250	Data is not available	Data is not available	Oversupply
4/21/2019 8:06	0:01	SMRR	0.012	0.002	Oversupply
4/21/2019 8:06	0:01	KS	0.003	0.002	Oversupply
4/21/2019 8:07	0:01	SMRR	0.012	0.647	Oversupply
4/21/2019 8:07	0:01	KS	0.003	0.018	Oversupply
4/21/2019 8:07	0:01	SMRR	0.012	0.646	Oversupply
4/21/2019 8:08	0:01	KS	0.003	0.029	Oversupply
4/21/2019 8:08	0:01	SMRR	0.012	0.521	Oversupply
4/21/2019 8:09	0:01	KS	0.003	0.123	Oversupply
4/21/2019 8:09	0:01	SMRR	0.012	0.257	Oversupply
4/21/2019 8:09	0:01	KS	0.003	0.179	Oversupply
4/21/2019 8:10	0:01	SMRR	0.012	0.668	Oversupply
4/21/2019 8:10	0:01	KS	0.003	0.029	Oversupply
4/21/2019 8:10	0:01	SMRR	0.012	0.614	Oversupply
4/21/2019 8:11	0:01	SMRR	0.012	0.016	Oversupply
4/21/2019 8:11	0:01	KS	0.003	0.344	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/21/2019 8:12	0:04	BS250	Data is not available	Data is not available	Oversupply
4/21/2019 8:12	0:04	KWP11	0.041	18.030	Oversupply
4/21/2019 8:12	0:03	SMRR	0.049	0.007	Oversupply
4/21/2019 8:12	0:01	KS	0.003	0.173	Oversupply
4/21/2019 8:13	0:04	KS	0.048	0.170	Oversupply
4/21/2019 8:15	0:01	SMRR	0.016	-0.002	Oversupply
4/21/2019 8:16	0:01	SMRR	0.016	-0.003	Oversupply
4/21/2019 8:17	0:03	SMRR	0.065	-0.003	Oversupply
4/21/2019 8:17	0:12	BS250	Data is not available	Data is not available	Oversupply
4/21/2019 8:17	0:01	KS	0.014	-0.002	Oversupply
4/21/2019 8:18	0:04	KWP11	0.056	17.578	Oversupply
4/21/2019 8:18	0:01	KS	0.014	-0.002	Oversupply
4/21/2019 8:19	0:02	KS	0.028	-0.002	Oversupply
4/21/2019 8:20	0:01	SMRR	0.016	0.040	Oversupply
4/21/2019 8:20	0:01	SMRR	0.016	0.000	Oversupply
4/21/2019 8:21	0:01	KS	0.014	0.018	Oversupply
4/21/2019 8:21	0:01	SMRR	0.016	0.192	Oversupply
4/21/2019 8:22	0:01	KS	0.014	0.022	Oversupply
4/21/2019 8:22	0:08	SMRR	0.161	0.006	Oversupply
4/21/2019 8:22	0:02	KS	0.028	0.012	Oversupply
4/21/2019 8:23	0:07	KWP11	0.198	19.260	Oversupply
4/21/2019 8:24	0:01	KS	0.014	0.090	Oversupply
4/21/2019 8:25	0:05	KS	0.072	0.003	Oversupply
4/21/2019 8:29	0:02	SMRR	0.004	0.011	Oversupply
4/21/2019 8:30	0:01	KS	0.005	0.067	Oversupply
4/21/2019 8:31	0:01	SMRR	0.002	0.176	Oversupply
4/21/2019 8:31	0:01	KS	0.005	0.245	Oversupply
4/21/2019 8:32	0:01	SMRR	0.003	0.827	Oversupply
4/21/2019 8:32	0:01	KS	0.005	0.393	Oversupply
4/21/2019 8:33	0:01	KS	0.005	0.046	Oversupply
4/21/2019 8:34	0:01	KS	0.005	0.893	Oversupply
4/21/2019 10:39	0:01	SMRR	-0.001	2.627	Oversupply
4/21/2019 11:10	0:01	KWP11	0.000	0.001	Oversupply
4/21/2019 11:18	0:01	SMRR	0.002	2.572	Oversupply
4/21/2019 11:19	0:01	SMRR	0.002	2.281	Oversupply
4/21/2019 11:20	0:01	SMRR	0.002	2.533	Oversupply
4/21/2019 11:21	0:01	KS	0.002	2.731	Oversupply
4/21/2019 11:21	0:01	SMRR	0.002	2.638	Oversupply
4/21/2019 11:21	0:01	KS	0.002	2.198	Oversupply
4/21/2019 11:22	0:01	SMRR	0.002	2.436	Oversupply
4/21/2019 11:22	0:01	KS	0.002	2.939	Oversupply
4/21/2019 11:23	0:01	SMRR	0.002	2.668	Oversupply
4/21/2019 11:23	0:01	KS	0.002	2.597	Oversupply
4/21/2019 11:24	0:01	SMRR	0.002	2.661	Oversupply
4/21/2019 11:24	0:01	KS	0.002	2.446	Oversupply
4/21/2019 11:24	0:01	SMRR	0.002	2.684	Oversupply
4/21/2019 11:25	0:01	KS	0.002	2.683	Oversupply
4/21/2019 11:25	0:01	SMRR	0.002	2.694	Oversupply
4/21/2019 11:26	0:01	SMRR	0.002	2.682	Oversupply
4/21/2019 11:27	0:01	KS	0.002	2.955	Oversupply
4/21/2019 11:27	0:01	SMRR	0.002	2.514	Oversupply
4/21/2019 11:27	0:01	SMRR	0.002	2.598	Oversupply
4/21/2019 11:28	0:01	KS	0.002	2.855	Oversupply
4/21/2019 11:29	0:01	KS	0.006	2.548	Oversupply
4/21/2019 11:33	0:01	KWP11	0.000	0.008	Oversupply
4/21/2019 11:38	0:01	KS	0.000	2.878	Oversupply
4/21/2019 11:40	0:01	KS	0.000	2.002	Oversupply
4/21/2019 12:13	0:01	SMRR	0.003	2.395	Oversupply
4/21/2019 12:13	0:01	SMRR	0.003	1.788	Oversupply
4/21/2019 12:14	0:01	SMRR	0.009	1.782	Oversupply
4/21/2019 12:14	0:01	KS	0.013	3.160	Oversupply
4/21/2019 12:15	0:01	SMRR	0.018	2.166	Oversupply
4/21/2019 12:15	0:01	KS	0.019	1.842	Oversupply
4/21/2019 12:16	0:01	SMRR	0.018	2.649	Oversupply
4/21/2019 12:16	0:01	KS	0.019	1.820	Oversupply
4/21/2019 12:16	0:01	SMRR	0.018	2.462	Oversupply
4/21/2019 12:17	0:01	KS	0.019	2.251	Oversupply
4/21/2019 12:17	0:01	SMRR	0.018	1.659	Oversupply
4/21/2019 12:18	0:01	KS	0.019	2.589	Oversupply
4/21/2019 12:18	0:01	SMRR	0.018	1.350	Oversupply
4/21/2019 12:19	0:01	KS	0.019	2.052	Oversupply
4/21/2019 12:19	0:01	SMRR	0.018	1.389	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/21/2019 12:19	0:01	KS	0.019	1.292	Oversupply
4/21/2019 12:19	0:01	SMRR	0.018	1.776	Oversupply
4/21/2019 12:20	0:01	SMRR	0.018	1.852	Oversupply
4/21/2019 12:20	0:01	KS	0.019	1.159	Oversupply
4/21/2019 12:21	0:01	SMRR	0.018	2.074	Oversupply
4/21/2019 12:21	0:01	KS	0.019	1.558	Oversupply
4/21/2019 12:22	0:01	SMRR	0.018	1.778	Oversupply
4/21/2019 12:22	0:01	KS	0.019	1.575	Oversupply
4/21/2019 12:22	0:01	SMRR	0.018	1.661	Oversupply
4/21/2019 12:23	0:01	KS	0.019	1.466	Oversupply
4/21/2019 12:23	0:01	SMRR	0.018	1.229	Oversupply
4/21/2019 12:24	0:01	KS	0.019	1.798	Oversupply
4/21/2019 12:24	0:01	SMRR	0.018	0.900	Oversupply
4/21/2019 12:25	0:01	KS	0.019	1.738	Oversupply
4/21/2019 12:25	0:01	SMRR	0.018	1.187	Oversupply
4/21/2019 12:25	0:01	KS	0.019	1.230	Oversupply
4/21/2019 12:26	0:01	SMRR	0.018	0.806	Oversupply
4/21/2019 12:26	0:01	SMRR	0.018	0.836	Oversupply
4/21/2019 12:26	0:01	KS	0.019	0.842	Oversupply
4/21/2019 12:27	0:01	SMRR	0.018	0.398	Oversupply
4/21/2019 12:27	0:01	KS	0.019	0.661	Oversupply
4/21/2019 12:28	0:01	SMRR	0.018	0.416	Oversupply
4/21/2019 12:28	0:01	KS	0.019	0.828	Oversupply
4/21/2019 12:29	0:01	SMRR	0.018	0.234	Oversupply
4/21/2019 12:29	0:01	KS	0.021	0.301	Oversupply
4/21/2019 12:29	0:01	SMRR	0.019	0.022	Oversupply
4/21/2019 12:30	0:01	KS	0.025	0.334	Oversupply
4/21/2019 12:30	0:01	SMRR	0.020	0.345	Oversupply
4/21/2019 12:31	0:01	KS	0.024	0.256	Oversupply
4/21/2019 12:31	0:01	SMRR	0.020	0.305	Oversupply
4/21/2019 12:32	0:01	KS	0.025	0.150	Oversupply
4/21/2019 12:32	0:01	SMRR	0.020	0.641	Oversupply
4/21/2019 12:32	0:01	KS	0.025	0.443	Oversupply
4/21/2019 12:32	0:01	SMRR	0.020	1.109	Oversupply
4/21/2019 12:33	0:01	SMRR	0.020	1.090	Oversupply
4/21/2019 12:33	0:01	KS	0.025	0.355	Oversupply
4/21/2019 12:34	0:01	SMRR	0.020	1.205	Oversupply
4/21/2019 12:34	0:01	KS	0.025	0.951	Oversupply
4/21/2019 12:35	0:01	SMRR	0.020	1.516	Oversupply
4/21/2019 12:35	0:01	KS	0.025	1.199	Oversupply
4/21/2019 12:35	0:01	SMRR	0.020	1.278	Oversupply
4/21/2019 12:36	0:01	KS	0.025	1.037	Oversupply
4/21/2019 12:36	0:01	SMRR	0.020	1.547	Oversupply
4/21/2019 12:37	0:01	KS	0.025	1.618	Oversupply
4/21/2019 12:37	0:01	SMRR	0.020	1.678	Oversupply
4/21/2019 12:38	0:01	KS	0.025	1.364	Oversupply
4/21/2019 12:38	0:01	SMRR	0.020	1.559	Oversupply
4/21/2019 12:38	0:01	KS	0.025	1.857	Oversupply
4/21/2019 12:38	0:01	SMRR	0.020	1.780	Oversupply
4/21/2019 12:39	0:01	SMRR	0.020	1.836	Oversupply
4/21/2019 12:39	0:01	KS	0.025	1.677	Oversupply
4/21/2019 12:40	0:01	SMRR	0.020	1.891	Oversupply
4/21/2019 12:40	0:01	KS	0.025	1.846	Oversupply
4/21/2019 12:41	0:01	SMRR	0.020	1.841	Oversupply
4/21/2019 12:41	0:01	KS	0.025	1.970	Oversupply
4/21/2019 12:42	0:01	SMRR	0.020	1.671	Oversupply
4/21/2019 12:42	0:01	KS	0.025	1.994	Oversupply
4/21/2019 12:42	0:01	SMRR	0.020	1.325	Oversupply
4/21/2019 12:43	0:01	KS	0.025	1.817	Oversupply
4/21/2019 12:43	0:01	SMRR	0.020	1.459	Oversupply
4/21/2019 12:44	0:01	KS	0.025	1.538	Oversupply
4/21/2019 12:44	0:01	SMRR	0.020	1.020	Oversupply
4/21/2019 12:45	0:01	KS	0.025	1.599	Oversupply
4/21/2019 12:45	0:01	SMRR	0.021	0.744	Oversupply
4/21/2019 12:45	0:01	SMRR	0.022	0.738	Oversupply
4/21/2019 12:45	0:01	KS	0.025	1.377	Oversupply
4/21/2019 12:46	0:01	SMRR	0.022	1.052	Oversupply
4/21/2019 12:46	0:01	KS	0.025	0.867	Oversupply
4/21/2019 12:47	0:01	SMRR	0.022	1.651	Oversupply
4/21/2019 12:47	0:01	KS	0.025	0.624	Oversupply
4/21/2019 12:48	0:01	SMRR	0.021	1.471	Oversupply
4/21/2019 12:48	0:01	KS	0.025	0.704	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/21/2019 12:48	0:01	SMRR	0.022	1.379	Oversupply
4/21/2019 12:49	0:01	KS	0.025	1.663	Oversupply
4/21/2019 12:49	0:01	SMRR	0.022	0.937	Oversupply
4/21/2019 12:50	0:01	KS	0.025	1.497	Oversupply
4/21/2019 12:50	0:01	SMRR	0.022	1.233	Oversupply
4/21/2019 12:51	0:01	KS	0.025	1.143	Oversupply
4/21/2019 12:51	0:01	SMRR	0.021	1.152	Oversupply
4/21/2019 12:51	0:01	KS	0.024	0.941	Oversupply
4/21/2019 12:51	0:01	SMRR	0.022	1.485	Oversupply
4/21/2019 12:52	0:01	SMRR	0.022	1.801	Oversupply
4/21/2019 12:52	0:01	KS	0.025	1.069	Oversupply
4/21/2019 12:53	0:01	SMRR	0.022	1.134	Oversupply
4/21/2019 12:53	0:01	KS	0.025	1.363	Oversupply
4/21/2019 12:54	0:02	SMRR	0.043	0.931	Oversupply
4/21/2019 12:54	0:01	KS	0.025	1.649	Oversupply
4/21/2019 12:55	0:01	KS	0.025	1.277	Oversupply
4/21/2019 12:55	0:01	SMRR	0.022	1.166	Oversupply
4/21/2019 12:56	0:01	KS	0.025	0.877	Oversupply
4/21/2019 12:56	0:01	SMRR	0.022	0.994	Oversupply
4/21/2019 12:57	0:01	KS	0.025	0.902	Oversupply
4/21/2019 12:57	0:01	SMRR	0.021	1.106	Oversupply
4/21/2019 12:57	0:01	KS	0.025	1.075	Oversupply
4/21/2019 12:58	0:01	SMRR	0.022	1.400	Oversupply
4/21/2019 12:58	0:01	SMRR	0.022	1.576	Oversupply
4/21/2019 12:58	0:01	KS	0.025	1.104	Oversupply
4/21/2019 12:59	0:01	SMRR	0.017	1.203	Oversupply
4/21/2019 12:59	0:01	KS	0.017	0.899	Oversupply
4/21/2019 13:00	0:01	SMRR	0.011	1.319	Oversupply
4/21/2019 13:00	0:01	KS	0.013	1.467	Oversupply
4/21/2019 13:01	0:01	SMRR	0.010	1.552	Oversupply
4/21/2019 13:01	0:01	KS	0.013	1.285	Oversupply
4/21/2019 13:01	0:01	SMRR	0.011	1.663	Oversupply
4/21/2019 13:02	0:01	KS	0.013	1.546	Oversupply
4/21/2019 13:02	0:01	SMRR	0.011	1.655	Oversupply
4/21/2019 13:03	0:01	KS	0.013	1.753	Oversupply
4/21/2019 13:03	0:01	SMRR	0.011	2.081	Oversupply
4/21/2019 13:04	0:01	KS	0.013	1.841	Oversupply
4/21/2019 13:04	0:01	SMRR	0.010	2.022	Oversupply
4/21/2019 13:04	0:01	KS	0.013	2.023	Oversupply
4/21/2019 13:04	0:01	SMRR	0.011	2.076	Oversupply
4/21/2019 13:05	0:01	SMRR	0.011	2.284	Oversupply
4/21/2019 13:05	0:01	KS	0.013	2.330	Oversupply
4/21/2019 13:06	0:01	SMRR	0.011	2.493	Oversupply
4/21/2019 13:06	0:01	KS	0.013	2.104	Oversupply
4/21/2019 13:07	0:02	SMRR	0.022	2.099	Oversupply
4/21/2019 13:07	0:01	KS	0.013	2.287	Oversupply
4/21/2019 13:08	0:01	KS	0.013	2.463	Oversupply
4/21/2019 13:08	0:01	SMRR	0.011	1.612	Oversupply
4/21/2019 13:09	0:01	KS	0.013	2.320	Oversupply
4/21/2019 13:09	0:01	SMRR	0.011	1.905	Oversupply
4/21/2019 13:10	0:01	KS	0.013	2.350	Oversupply
4/21/2019 13:10	0:01	SMRR	0.010	2.028	Oversupply
4/21/2019 13:10	0:01	KS	0.013	1.790	Oversupply
4/21/2019 13:11	0:01	SMRR	0.011	2.169	Oversupply
4/21/2019 13:11	0:01	KS	0.013	2.103	Oversupply
4/21/2019 13:11	0:01	SMRR	0.011	2.064	Oversupply
4/21/2019 13:12	0:01	SMRR	0.010	2.086	Oversupply
4/21/2019 13:12	0:01	KS	0.013	2.188	Oversupply
4/21/2019 13:13	0:01	SMRR	0.011	2.193	Oversupply
4/21/2019 13:13	0:01	KS	0.013	2.203	Oversupply
4/21/2019 13:14	0:01	SMRR	0.011	2.082	Oversupply
4/21/2019 13:14	0:01	KS	0.012	2.061	Oversupply
4/21/2019 13:14	0:01	SMRR	0.007	2.135	Oversupply
4/21/2019 13:15	0:01	KS	0.008	2.171	Oversupply
4/21/2019 13:16	0:01	KS	0.008	2.126	Oversupply
4/21/2019 13:16	0:01	SMRR	0.006	2.292	Oversupply
4/21/2019 13:17	0:01	KS	0.008	1.934	Oversupply
4/21/2019 13:17	0:01	SMRR	0.006	2.318	Oversupply
4/21/2019 13:17	0:01	KS	0.008	2.735	Oversupply
4/21/2019 13:17	0:01	SMRR	0.006	2.498	Oversupply
4/21/2019 13:18	0:01	SMRR	0.006	2.617	Oversupply
4/21/2019 13:18	0:01	KS	0.008	2.401	Oversupply
4/21/2019 13:19	0:01	SMRR	0.006	2.631	Oversupply
4/21/2019 13:19	0:01	KS	0.008	2.604	Oversupply
4/21/2019 13:20	0:01	SMRR	0.006	2.643	Oversupply
4/21/2019 13:20	0:01	KS	0.008	2.626	Oversupply
4/21/2019 13:21	0:01	SMRR	0.006	2.567	Oversupply
4/21/2019 13:21	0:01	KS	0.008	2.851	Oversupply
4/21/2019 13:21	0:01	SMRR	0.006	2.188	Oversupply





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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/21/2019 13:22	0:01	KS	0.008	2.620	Oversupply
4/21/2019 13:22	0:01	SMRR	0.006	1.675	Oversupply
4/21/2019 13:23	0:01	KS	0.008	2.357	Oversupply
4/21/2019 13:23	0:01	SMRR	0.006	1.480	Oversupply
4/21/2019 13:23	0:01	KS	0.008	1.929	Oversupply
4/21/2019 13:24	0:01	SMRR	0.006	1.704	Oversupply
4/21/2019 13:24	0:01	SMRR	0.006	2.241	Oversupply
4/21/2019 13:24	0:01	KS	0.008	1.558	Oversupply
4/21/2019 13:25	0:01	SMRR	0.006	2.067	Oversupply
4/21/2019 13:25	0:01	KS	0.008	1.775	Oversupply
4/21/2019 13:26	0:01	SMRR	0.006	2.428	Oversupply
4/21/2019 13:26	0:01	KS	0.008	2.397	Oversupply
4/21/2019 13:27	0:01	SMRR	0.006	2.483	Oversupply
4/21/2019 13:27	0:01	KS	0.008	2.089	Oversupply
4/21/2019 13:27	0:01	SMRR	0.006	2.591	Oversupply
4/21/2019 13:28	0:01	KS	0.008	2.456	Oversupply
4/21/2019 13:28	0:01	SMRR	0.006	2.665	Oversupply
4/21/2019 13:29	0:01	KS	0.008	2.492	Oversupply
4/21/2019 13:29	0:01	SMRR	0.005	2.676	Oversupply
4/21/2019 13:30	0:02	KS	0.003	2.709	Oversupply
4/21/2019 13:30	0:01	SMRR	0.003	2.660	Oversupply
4/21/2019 13:31	0:01	KS	0.001	2.865	Oversupply
4/21/2019 13:33	0:01	SMRR	0.003	2.573	Oversupply
4/21/2019 13:34	0:01	SMRR	0.003	2.569	Oversupply
4/21/2019 13:35	0:01	KS	0.001	2.901	Oversupply
4/21/2019 13:36	0:01	KS	0.001	0.801	Oversupply
4/22/2019 2:10	0:03	KWP2	0.037	19.198	Oversupply
4/22/2019 2:14	0:01	KWP2	0.005	19.206	Oversupply
4/22/2019 2:17	0:02	KWP2	0.003	19.190	Oversupply
4/22/2019 2:21	0:08	KWP2	0.164	19.153	Oversupply
4/22/2019 2:30	0:08	KWP2	0.188	19.202	Oversupply
4/22/2019 2:50	0:05	KWP2	0.074	19.023	Oversupply
4/22/2019 2:56	0:02	KWP2	0.004	19.105	Oversupply
4/22/2019 3:03	0:34	KWP2	1.873	18.974	Oversupply
4/22/2019 3:50	0:01	KWP2	0.006	18.494	Oversupply
4/22/2019 3:52	0:01	KWP2	0.011	17.468	Oversupply
4/22/2019 3:54	0:01	KWP2	0.004	16.401	Oversupply
4/22/2019 3:56	0:03	KWP2	0.021	18.809	Oversupply
4/22/2019 4:26	1:07	KWP2	4.846	19.206	Oversupply
4/22/2019 5:34	0:05	KWP2	0.033	19.126	Oversupply
4/22/2019 23:45	0:19	KWP2	0.675	20.708	Oversupply
4/23/2019 0:06	1:11	KWP2	8.379	20.708	Oversupply
4/23/2019 1:43	1:14	KWP2	6.956	20.708	Oversupply
4/23/2019 3:01	0:10	KWP2	0.250	20.708	Oversupply
4/23/2019 3:14	0:25	KWP2	1.580	20.708	Oversupply
4/23/2019 9:47	0:01	KS	-0.001	2.237	Oversupply
4/23/2019 9:53	0:01	KS	-0.001	1.426	Oversupply
4/23/2019 9:54	0:01	KS	-0.001	2.039	Oversupply
4/23/2019 10:32	0:01	KS	-0.002	1.525	Oversupply
4/23/2019 10:33	0:01	KS	-0.002	1.734	Oversupply
4/23/2019 10:35	0:01	KS	-0.002	1.751	Oversupply
4/23/2019 12:05	0:01	SMRR	0.008	2.139	Oversupply
4/23/2019 12:06	0:01	SMRR	0.008	1.816	Oversupply
4/23/2019 12:07	0:01	SMRR	0.008	1.024	Oversupply
4/23/2019 12:07	0:01	KS	0.004	1.404	Oversupply
4/23/2019 12:07	0:01	SMRR	0.008	0.243	Oversupply
4/23/2019 12:08	0:01	BS250	Data is not available	Data is not available	Oversupply
4/23/2019 12:08	0:01	KS	0.004	1.451	Oversupply
4/23/2019 12:08	0:01	SMRR	0.008	0.391	Oversupply
4/23/2019 12:09	0:01	KS	0.004	0.337	Oversupply
4/23/2019 12:09	0:01	SMRR	0.008	0.679	Oversupply
4/23/2019 12:10	0:01	SMRR	0.008	0.537	Oversupply
4/23/2019 12:10	0:01	KS	0.004	0.322	Oversupply
4/23/2019 12:11	0:01	SMRR	0.008	1.381	Oversupply
4/23/2019 12:11	0:01	KS	0.004	0.604	Oversupply
4/23/2019 12:12	0:01	KS	0.004	0.639	Oversupply
4/23/2019 12:12	0:01	KS	0.004	0.859	Oversupply
4/23/2019 12:14	0:01	SMRR	0.007	2.479	Oversupply
4/23/2019 12:15	0:01	SMRR	0.003	2.074	Oversupply
4/23/2019 12:16	0:01	KS	0.000	1.043	Oversupply
4/23/2019 12:16	0:01	SMRR	0.003	1.608	Oversupply
4/23/2019 12:17	0:01	SMRR	0.003	2.180	Oversupply
4/23/2019 12:17	0:01	KS	0.000	1.356	Oversupply
4/23/2019 12:18	0:01	KS	0.000	1.009	Oversupply
4/23/2019 12:18	0:01	KS	0.000	1.451	Oversupply
4/23/2019 13:41	0:01	SMRR	0.000	1.024	Oversupply
4/23/2019 14:32	0:01	SMRR	0.000	0.749	Oversupply
4/23/2019 14:32	0:01	SMRR	0.000	0.746	Oversupply
4/23/2019 14:33	0:01	KS	0.005	2.557	Oversupply
4/23/2019 14:34	0:01	KS	0.005	2.751	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/23/2019 14:37	0:01	SMRR	0.000	0.779	Oversupply
4/23/2019 14:39	0:01	SMRR	0.000	0.777	Oversupply
4/23/2019 14:39	0:01	KS	0.005	2.434	Oversupply
4/23/2019 14:39	0:01	SMRR	0.000	0.783	Oversupply
4/23/2019 14:41	0:01	KS	0.005	2.551	Oversupply
4/23/2019 14:43	0:01	SMRR	0.000	0.809	Oversupply
4/23/2019 14:44	0:01	SMRR	-0.001	0.787	Oversupply
4/23/2019 14:45	0:01	KS	0.004	1.159	Oversupply
4/24/2019 8:48	0:01	SMRR	0.012	1.770	Oversupply
4/24/2019 8:49	0:01	SMRR	0.012	1.777	Oversupply
4/24/2019 8:49	0:01	SMRR	0.012	0.699	Oversupply
4/24/2019 8:50	0:01	BS250	Data is not available	Data is not available	Oversupply
4/24/2019 8:50	0:01	SMRR	0.012	0.022	Oversupply
4/24/2019 8:51	0:01	KWPPII	0.023	19.850	Oversupply
4/24/2019 8:51	0:01	KS	0.010	1.510	Oversupply
4/24/2019 8:51	0:01	SMRR	0.012	0.458	Oversupply
4/24/2019 8:51	0:01	KS	0.010	1.156	Oversupply
4/24/2019 8:52	0:01	SMRR	0.013	0.839	Oversupply
4/24/2019 8:52	0:01	KS	0.010	0.234	Oversupply
4/24/2019 8:52	0:01	SMRR	0.012	0.288	Oversupply
4/24/2019 8:53	0:01	KS	0.010	0.658	Oversupply
4/24/2019 8:53	0:01	SMRR	0.012	0.044	Oversupply
4/24/2019 8:54	0:06	BS250	Data is not available	Data is not available	Oversupply
4/24/2019 8:54	0:01	KS	0.010	0.675	Oversupply
4/24/2019 8:54	0:06	SMRR	0.087	0.019	Oversupply
4/24/2019 8:55	0:06	KWPPII	0.148	18.995	Oversupply
4/24/2019 8:55	0:01	KS	0.010	0.561	Oversupply
4/24/2019 8:56	0:06	KS	0.061	0.031	Oversupply
4/24/2019 9:00	0:01	SMRR	0.001	0.477	Oversupply
4/24/2019 9:01	0:01	SMRR	0.001	0.995	Oversupply
4/24/2019 9:02	0:01	SMRR	0.001	1.200	Oversupply
4/24/2019 9:02	0:01	KS	0.007	0.016	Oversupply
4/24/2019 9:03	0:01	KS	0.007	0.322	Oversupply
4/24/2019 9:04	0:01	KS	0.007	0.515	Oversupply
4/24/2019 9:16	0:01	SMRR	0.003	2.158	Oversupply
4/24/2019 9:17	0:01	SMRR	0.003	1.940	Oversupply
4/24/2019 9:18	0:01	SMRR	0.003	1.063	Oversupply
4/24/2019 9:18	0:01	KS	0.002	1.894	Oversupply
4/24/2019 9:18	0:01	SMRR	0.003	0.650	Oversupply
4/24/2019 9:19	0:01	KS	0.002	1.698	Oversupply
4/24/2019 9:19	0:01	SMRR	0.003	1.570	Oversupply
4/24/2019 9:20	0:01	KS	0.002	0.647	Oversupply
4/24/2019 9:21	0:01	SMRR	0.003	2.231	Oversupply
4/24/2019 9:21	0:01	KS	0.002	0.899	Oversupply
4/24/2019 9:21	0:01	SMRR	0.003	2.247	Oversupply
4/24/2019 9:22	0:01	KS	0.002	1.939	Oversupply
4/24/2019 9:22	0:01	SMRR	0.003	2.050	Oversupply
4/24/2019 9:24	0:01	KS	0.002	1.969	Oversupply
4/24/2019 9:25	0:01	SMRR	0.003	2.178	Oversupply
4/24/2019 9:25	0:01	SMRR	0.003	2.233	Oversupply
4/24/2019 9:26	0:01	SMRR	0.003	1.767	Oversupply
4/24/2019 9:27	0:01	KS	0.002	2.001	Oversupply
4/24/2019 9:27	0:01	SMRR	0.003	1.284	Oversupply
4/24/2019 9:28	0:01	SMRR	0.003	1.389	Oversupply
4/24/2019 9:28	0:01	KS	0.002	1.980	Oversupply
4/24/2019 9:28	0:01	SMRR	0.003	1.001	Oversupply
4/24/2019 9:29	0:01	KS	0.002	1.311	Oversupply
4/24/2019 9:29	0:01	SMRR	0.013	1.628	Oversupply
4/24/2019 9:29	0:01	KS	0.020	1.488	Oversupply
4/24/2019 9:30	0:01	SMRR	0.024	1.187	Oversupply
4/24/2019 9:30	0:01	KS	0.026	0.961	Oversupply
4/24/2019 9:31	0:01	SMRR	0.025	0.330	Oversupply
4/24/2019 9:31	0:01	KS	0.025	1.616	Oversupply
4/24/2019 9:31	0:07	SMRR	0.222	0.030	Oversupply
4/24/2019 9:32	0:06	BS250	Data is not available	Data is not available	Oversupply
4/24/2019 9:32	0:07	KWPPII	0.126	20.046	Oversupply
4/24/2019 9:32	0:01	KS	0.026	1.026	Oversupply
4/24/2019 9:33	0:01	KS	0.026	0.054	Oversupply
4/24/2019 9:34	0:06	KS	0.179	0.026	Oversupply
4/24/2019 9:38	0:01	SMRR	0.025	0.653	Oversupply
4/24/2019 9:39	0:04	BS250	Data is not available	Data is not available	Oversupply
4/24/2019 9:39	0:04	SMRR	0.124	0.204	Oversupply
4/24/2019 9:40	0:04	KWPPII	0.074	19.743	Oversupply
4/24/2019 9:40	0:01	KS	0.026	0.157	Oversupply
4/24/2019 9:41	0:04	KS	0.121	0.406	Oversupply
4/24/2019 9:43	0:01	SMRR	0.025	0.100	Oversupply
4/24/2019 9:44	0:01	SMRR	0.025	0.529	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/24/2019 9:44	0:01	SMRR	0.011	0.850	Oversupply
4/24/2019 9:45	0:01	KS	0.013	0.041	Oversupply
4/24/2019 9:45	0:01	SMRR	0.010	0.854	Oversupply
4/24/2019 9:46	0:01	KS	0.013	0.159	Oversupply
4/24/2019 9:47	0:01	KS	0.013	0.302	Oversupply
4/24/2019 9:47	0:01	SMRR	0.010	1.288	Oversupply
4/24/2019 9:47	0:01	SMRR	0.010	1.556	Oversupply
4/24/2019 9:48	0:01	SMRR	0.010	2.365	Oversupply
4/24/2019 9:48	0:01	KS	0.013	0.818	Oversupply
4/24/2019 9:49	0:01	SMRR	0.010	1.732	Oversupply
4/24/2019 9:49	0:01	KS	0.013	1.083	Oversupply
4/24/2019 9:50	0:01	SMRR	0.010	1.424	Oversupply
4/24/2019 9:50	0:01	KS	0.013	1.376	Oversupply
4/24/2019 9:51	0:01	SMRR	0.010	1.422	Oversupply
4/24/2019 9:51	0:01	KS	0.013	2.079	Oversupply
4/24/2019 9:51	0:01	SMRR	0.010	1.328	Oversupply
4/24/2019 9:52	0:01	KS	0.013	1.947	Oversupply
4/24/2019 9:52	0:01	SMRR	0.010	1.492	Oversupply
4/24/2019 9:53	0:01	KS	0.013	1.184	Oversupply
4/24/2019 9:53	0:01	SMRR	0.010	2.471	Oversupply
4/24/2019 9:54	0:01	SMRR	0.010	1.901	Oversupply
4/24/2019 9:54	0:01	KS	0.013	1.401	Oversupply
4/24/2019 9:54	0:01	SMRR	0.010	2.162	Oversupply
4/24/2019 9:55	0:01	SMRR	0.010	2.387	Oversupply
4/24/2019 9:55	0:01	KS	0.013	2.326	Oversupply
4/24/2019 9:56	0:01	SMRR	0.010	2.240	Oversupply
4/24/2019 9:56	0:01	KS	0.013	2.045	Oversupply
4/24/2019 9:57	0:01	SMRR	0.010	1.489	Oversupply
4/24/2019 9:57	0:01	KS	0.013	2.336	Oversupply
4/24/2019 9:57	0:01	SMRR	0.010	0.981	Oversupply
4/24/2019 9:58	0:01	KS	0.013	2.181	Oversupply
4/24/2019 9:58	0:01	SMRR	0.010	0.270	Oversupply
4/24/2019 9:59	0:37	BS250	Data is not available	Data is not available	Oversupply
4/24/2019 9:59	0:01	KS	0.016	1.715	Oversupply
4/24/2019 9:59	0:39	SMRR	1.563	0.019	Oversupply
4/24/2019 10:00	0:13	KWP2	0.561	20.067	Oversupply
4/24/2019 10:00	0:01	KS	0.034	0.913	Oversupply
4/24/2019 10:01	0:14	KS	0.536	0.029	Oversupply
4/24/2019 10:14	0:24	KWP2	1.667	19.920	Oversupply
4/24/2019 10:14	0:01	KS	0.034	0.113	Oversupply
4/24/2019 10:15	0:23	KS	0.953	0.004	Oversupply
4/24/2019 10:37	0:06	BS250	Data is not available	Data is not available	Oversupply
4/24/2019 10:38	0:01	KS	0.038	0.125	Oversupply
4/24/2019 10:38	0:01	SMRR	0.033	0.121	Oversupply
4/24/2019 10:39	0:05	KWP2	0.035	17.593	Oversupply
4/24/2019 10:39	0:08	KS	0.297	0.001	Oversupply
4/24/2019 10:39	0:04	SMRR	0.162	0.012	Oversupply
4/24/2019 10:42	0:01	SMRR	0.033	0.011	Oversupply
4/24/2019 10:43	0:02	SMRR	0.058	0.113	Oversupply
4/24/2019 10:44	0:01	BS250	Data is not available	Data is not available	Oversupply
4/24/2019 10:45	0:01	KWP2	0.006	18.092	Oversupply
4/24/2019 10:45	0:01	SMRR	0.013	0.092	Oversupply
4/24/2019 10:46	0:01	SMRR	0.013	0.421	Oversupply
4/24/2019 10:46	0:01	SMRR	0.013	0.828	Oversupply
4/24/2019 10:46	0:01	KS	0.017	0.030	Oversupply
4/24/2019 10:47	0:01	SMRR	0.013	1.178	Oversupply
4/24/2019 10:47	0:01	KS	0.017	0.406	Oversupply
4/24/2019 10:48	0:01	SMRR	0.013	1.405	Oversupply
4/24/2019 10:48	0:01	KS	0.017	0.992	Oversupply
4/24/2019 10:49	0:01	SMRR	0.013	1.658	Oversupply
4/24/2019 10:49	0:01	KS	0.017	1.261	Oversupply
4/24/2019 10:49	0:01	SMRR	0.013	2.526	Oversupply
4/24/2019 10:50	0:01	KS	0.017	1.524	Oversupply
4/24/2019 10:50	0:01	SMRR	0.013	1.783	Oversupply
4/24/2019 10:51	0:01	KS	0.017	2.203	Oversupply
4/24/2019 10:51	0:01	SMRR	0.013	1.519	Oversupply
4/24/2019 10:52	0:01	KS	0.017	1.973	Oversupply
4/24/2019 10:52	0:01	SMRR	0.013	1.610	Oversupply
4/24/2019 10:52	0:01	SMRR	0.013	1.691	Oversupply
4/24/2019 10:52	0:01	KS	0.017	1.664	Oversupply
4/24/2019 10:53	0:01	SMRR	0.013	2.743	Oversupply
4/24/2019 10:53	0:01	KS	0.017	1.553	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/24/2019 10:54	0:01	KS	0.017	1.391	Oversupply
4/24/2019 10:55	0:01	SMRR	0.013	2.876	Oversupply
4/24/2019 10:55	0:01	KS	0.017	2.806	Oversupply
4/24/2019 10:55	0:01	SMRR	0.013	2.701	Oversupply
4/24/2019 10:56	0:01	SMRR	0.013	2.457	Oversupply
4/24/2019 10:57	0:01	KS	0.017	2.820	Oversupply
4/24/2019 10:57	0:01	SMRR	0.013	1.963	Oversupply
4/24/2019 10:58	0:01	KS	0.017	2.684	Oversupply
4/24/2019 10:58	0:01	SMRR	0.013	1.192	Oversupply
4/24/2019 10:58	0:01	KS	0.017	1.979	Oversupply
4/24/2019 10:59	0:01	SMRR	0.013	0.694	Oversupply
4/24/2019 10:59	0:01	SMRR	0.021	0.968	Oversupply
4/24/2019 10:59	0:01	KS	0.026	1.378	Oversupply
4/24/2019 11:00	0:01	SMRR	0.025	1.142	Oversupply
4/24/2019 11:00	0:01	KS	0.030	0.963	Oversupply
4/24/2019 11:01	0:01	SMRR	0.025	1.351	Oversupply
4/24/2019 11:01	0:01	KS	0.030	0.879	Oversupply
4/24/2019 11:02	0:01	SMRR	0.025	1.329	Oversupply
4/24/2019 11:02	0:01	KS	0.030	1.057	Oversupply
4/24/2019 11:02	0:01	SMRR	0.025	1.770	Oversupply
4/24/2019 11:03	0:01	KS	0.030	1.484	Oversupply
4/24/2019 11:03	0:01	SMRR	0.025	1.621	Oversupply
4/24/2019 11:04	0:01	KS	0.030	1.103	Oversupply
4/24/2019 11:04	0:01	SMRR	0.025	1.113	Oversupply
4/24/2019 11:05	0:01	KS	0.030	1.775	Oversupply
4/24/2019 11:05	0:01	SMRR	0.025	1.072	Oversupply
4/24/2019 11:05	0:01	KS	0.030	1.460	Oversupply
4/24/2019 11:05	0:01	SMRR	0.025	0.457	Oversupply
4/24/2019 11:06	0:01	SMRR	0.025	0.202	Oversupply
4/24/2019 11:06	0:01	KS	0.030	0.990	Oversupply
4/24/2019 11:07	0:01	SMRR	0.026	0.318	Oversupply
4/24/2019 11:07	0:02	KS	0.060	0.730	Oversupply
4/24/2019 11:08	0:01	SMRR	0.025	0.458	Oversupply
4/24/2019 11:08	0:01	SMRR	0.025	0.549	Oversupply
4/24/2019 11:09	0:01	KS	0.030	0.364	Oversupply
4/24/2019 11:09	0:01	SMRR	0.025	0.464	Oversupply
4/24/2019 11:10	0:02	BS250	Data is not available	Data is not available	Oversupply
4/24/2019 11:10	0:01	KS	0.030	0.579	Oversupply
4/24/2019 11:10	0:02	SMRR	0.051	0.015	Oversupply
4/24/2019 11:11	0:01	KWP11	0.008	16.442	Oversupply
4/24/2019 11:11	0:01	KS	0.029	0.812	Oversupply
4/24/2019 11:11	0:03	KS	0.090	0.142	Oversupply
4/24/2019 11:12	0:01	SMRR	0.025	0.018	Oversupply
4/24/2019 11:12	0:01	SMRR	0.025	0.146	Oversupply
4/24/2019 11:13	0:01	SMRR	0.025	0.415	Oversupply
4/24/2019 11:14	0:01	SMRR	0.025	0.820	Oversupply
4/24/2019 11:14	0:01	KS	0.033	-0.003	Oversupply
4/24/2019 11:15	0:01	SMRR	0.027	1.081	Oversupply
4/24/2019 11:15	0:01	KS	0.037	-0.002	Oversupply
4/24/2019 11:15	0:01	SMRR	0.027	0.941	Oversupply
4/24/2019 11:16	0:01	KS	0.037	-0.002	Oversupply
4/24/2019 11:16	0:01	SMRR	0.027	1.228	Oversupply
4/24/2019 11:17	0:01	KS	0.037	-0.003	Oversupply
4/24/2019 11:17	0:01	SMRR	0.027	1.467	Oversupply
4/24/2019 11:17	0:01	KS	0.037	-0.003	Oversupply
4/24/2019 11:18	0:01	SMRR	0.027	1.300	Oversupply
4/24/2019 11:18	0:01	KS	0.037	0.426	Oversupply
4/24/2019 11:18	0:01	SMRR	0.027	0.524	Oversupply
4/24/2019 11:19	0:01	SMRR	0.027	0.481	Oversupply
4/24/2019 11:19	0:01	KS	0.036	0.807	Oversupply
4/24/2019 11:20	0:01	SMRR	0.027	0.611	Oversupply
4/24/2019 11:20	0:01	KS	0.037	1.430	Oversupply
4/24/2019 11:21	0:01	SMRR	0.027	0.538	Oversupply
4/24/2019 11:21	0:01	KS	0.036	0.752	Oversupply
4/24/2019 11:21	0:01	SMRR	0.027	0.504	Oversupply
4/24/2019 11:22	0:01	KS	0.037	0.574	Oversupply
4/24/2019 11:22	0:02	SMRR	0.054	0.027	Oversupply
4/24/2019 11:23	0:01	BS250	Data is not available	Data is not available	Oversupply
4/24/2019 11:23	0:02	KWP11	0.013	19.598	Oversupply
4/24/2019 11:23	0:01	KS	0.037	0.751	Oversupply
4/24/2019 11:23	0:01	KS	0.037	0.397	Oversupply
4/24/2019 11:24	0:01	SMRR	0.027	0.006	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/24/2019 11:24	0:01	KS	0.037	0.016	Oversupply
4/24/2019 11:24	0:01	SMRR	0.027	0.328	Oversupply
4/24/2019 11:25	0:01	KS	0.037	-0.003	Oversupply
4/24/2019 11:25	0:01	SMRR	0.027	0.572	Oversupply
4/24/2019 11:26	0:01	KS	0.037	-0.002	Oversupply
4/24/2019 11:27	0:01	KS	0.037	-0.002	Oversupply
4/24/2019 11:31	0:01	SMRR	0.004	2.853	Oversupply
4/24/2019 11:34	0:01	KS	0.012	1.025	Oversupply
4/24/2019 11:36	0:01	SMRR	0.004	2.795	Oversupply
4/24/2019 11:37	0:01	SMRR	0.004	2.810	Oversupply
4/24/2019 11:37	0:01	SMRR	0.004	2.377	Oversupply
4/24/2019 11:38	0:01	SMRR	0.004	2.476	Oversupply
4/24/2019 11:39	0:01	KS	0.012	2.758	Oversupply
4/24/2019 11:40	0:01	KS	0.012	2.362	Oversupply
4/24/2019 11:41	0:01	KS	0.012	2.401	Oversupply
4/24/2019 11:43	0:01	SMRR	0.004	2.466	Oversupply
4/24/2019 11:44	0:01	SMRR	0.005	1.938	Oversupply
4/24/2019 11:44	0:01	SMRR	0.005	2.422	Oversupply
4/24/2019 11:45	0:01	KS	0.007	2.452	Oversupply
4/24/2019 11:45	0:01	SMRR	0.005	2.357	Oversupply
4/24/2019 11:46	0:01	SMRR	0.005	1.880	Oversupply
4/24/2019 11:46	0:01	KS	0.007	2.351	Oversupply
4/24/2019 11:47	0:01	SMRR	0.005	1.375	Oversupply
4/24/2019 11:47	0:01	KS	0.007	2.496	Oversupply
4/24/2019 11:47	0:01	SMRR	0.005	1.681	Oversupply
4/24/2019 11:48	0:01	KS	0.007	1.920	Oversupply
4/24/2019 11:48	0:01	SMRR	0.005	1.549	Oversupply
4/24/2019 11:49	0:01	KS	0.007	1.318	Oversupply
4/24/2019 11:49	0:01	SMRR	0.005	2.285	Oversupply
4/24/2019 11:49	0:01	KS	0.007	1.254	Oversupply
4/24/2019 11:50	0:01	SMRR	0.005	2.642	Oversupply
4/24/2019 11:50	0:01	KS	0.007	1.532	Oversupply
4/24/2019 11:51	0:01	SMRR	0.005	2.827	Oversupply
4/24/2019 11:51	0:01	KS	0.007	2.497	Oversupply
4/24/2019 11:51	0:01	SMRR	0.005	2.353	Oversupply
4/24/2019 11:52	0:01	SMRR	0.005	2.448	Oversupply
4/24/2019 11:52	0:01	KS	0.007	2.822	Oversupply
4/24/2019 11:53	0:01	KS	0.007	2.477	Oversupply
4/24/2019 11:54	0:01	KS	0.007	2.874	Oversupply
4/24/2019 12:25	0:01	SMRR	0.001	2.737	Oversupply
4/24/2019 12:26	0:01	SMRR	0.001	2.938	Oversupply
4/24/2019 12:27	0:01	KS	0.001	1.771	Oversupply
4/24/2019 12:27	0:01	SMRR	0.001	2.301	Oversupply
4/24/2019 12:28	0:01	KS	0.001	2.976	Oversupply
4/24/2019 12:28	0:01	SMRR	0.001	2.598	Oversupply
4/24/2019 12:28	0:01	KS	0.001	2.896	Oversupply
4/24/2019 12:29	0:01	SMRR	0.001	1.933	Oversupply
4/24/2019 12:29	0:01	KS	0.008	2.555	Oversupply
4/24/2019 12:29	0:01	SMRR	0.007	2.513	Oversupply
4/24/2019 12:30	0:01	KS	0.011	2.253	Oversupply
4/24/2019 12:30	0:01	SMRR	0.003	2.222	Oversupply
4/24/2019 12:31	0:01	SMRR	0.003	1.845	Oversupply
4/24/2019 12:31	0:01	KS	0.011	2.082	Oversupply
4/24/2019 12:32	0:01	KS	0.011	2.420	Oversupply
4/24/2019 12:33	0:01	KS	0.011	2.016	Oversupply
4/24/2019 13:01	0:01	SMRR	0.013	2.218	Oversupply
4/24/2019 13:02	0:01	SMRR	0.013	1.942	Oversupply
4/24/2019 13:02	0:01	KS	0.005	2.069	Oversupply
4/24/2019 13:03	0:01	SMRR	0.012	1.911	Oversupply
4/24/2019 13:03	0:01	KS	0.005	1.951	Oversupply
4/24/2019 13:04	0:01	SMRR	0.013	1.810	Oversupply
4/24/2019 13:05	0:01	SMRR	0.013	1.937	Oversupply
4/24/2019 13:05	0:01	KS	0.005	2.005	Oversupply
4/24/2019 13:05	0:01	SMRR	0.013	2.212	Oversupply
4/24/2019 13:06	0:01	KS	0.005	1.560	Oversupply
4/24/2019 13:06	0:01	SMRR	0.012	1.980	Oversupply
4/24/2019 13:07	0:01	KS	0.005	1.445	Oversupply
4/24/2019 13:07	0:01	SMRR	0.013	2.292	Oversupply
4/24/2019 13:07	0:01	KS	0.005	1.584	Oversupply
4/24/2019 13:08	0:01	SMRR	0.013	2.009	Oversupply
4/24/2019 13:08	0:01	KS	0.005	1.381	Oversupply
4/24/2019 13:08	0:01	SMRR	0.013	1.228	Oversupply



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4/24/2019 13:09	0:01	KS	0.005	2.049	Oversupply
4/24/2019 13:09	0:01	SMRR	0.012	1.248	Oversupply
4/24/2019 13:10	0:01	SMRR	0.013	2.055	Oversupply
4/24/2019 13:10	0:01	KS	0.005	0.973	Oversupply
4/24/2019 13:11	0:01	SMRR	0.013	1.644	Oversupply
4/24/2019 13:11	0:01	KS	0.005	0.829	Oversupply
4/24/2019 13:11	0:01	SMRR	0.013	1.043	Oversupply
4/24/2019 13:12	0:01	KS	0.005	1.947	Oversupply
4/24/2019 13:12	0:01	SMRR	0.012	1.208	Oversupply
4/24/2019 13:13	0:01	KS	0.005	1.572	Oversupply
4/24/2019 13:13	0:01	SMRR	0.013	1.214	Oversupply
4/24/2019 13:13	0:01	KS	0.005	1.341	Oversupply
4/24/2019 13:14	0:01	SMRR	0.013	0.911	Oversupply
4/24/2019 13:14	0:01	KS	0.018	1.248	Oversupply
4/24/2019 13:14	0:01	SMRR	0.023	0.887	Oversupply
4/24/2019 13:15	0:01	KS	0.020	0.742	Oversupply
4/24/2019 13:15	0:01	SMRR	0.020	1.275	Oversupply
4/24/2019 13:16	0:01	SMRR	0.020	1.209	Oversupply
4/24/2019 13:16	0:01	KS	0.020	0.526	Oversupply
4/24/2019 13:17	0:01	SMRR	0.020	0.983	Oversupply
4/24/2019 13:17	0:01	KS	0.020	0.893	Oversupply
4/24/2019 13:18	0:01	SMRR	0.020	0.751	Oversupply
4/24/2019 13:18	0:01	KS	0.020	0.868	Oversupply
4/24/2019 13:18	0:02	SMRR	0.040	0.018	Oversupply
4/24/2019 13:19	0:01	BS250	Data is not available	Data is not available	Oversupply
4/24/2019 13:19	0:01	KS	0.020	0.662	Oversupply
4/24/2019 13:20	0:01	KS	0.020	0.619	Oversupply
4/24/2019 13:20	0:01	SMRR	0.020	0.324	Oversupply
4/24/2019 13:20	0:01	KS	0.020	0.034	Oversupply
4/24/2019 13:21	0:01	SMRR	0.020	0.733	Oversupply
4/24/2019 13:21	0:01	KS	0.020	-0.002	Oversupply
4/24/2019 13:21	0:01	SMRR	0.020	0.819	Oversupply
4/24/2019 13:22	0:01	SMRR	0.020	0.845	Oversupply
4/24/2019 13:22	0:01	KS	0.020	-0.002	Oversupply
4/24/2019 13:23	0:01	SMRR	0.020	1.059	Oversupply
4/24/2019 13:23	0:01	KS	0.020	-0.003	Oversupply
4/24/2019 13:24	0:01	SMRR	0.020	1.059	Oversupply
4/24/2019 13:24	0:01	KS	0.020	-0.002	Oversupply
4/24/2019 13:24	0:01	SMRR	0.020	1.208	Oversupply
4/24/2019 13:25	0:01	KS	0.020	-0.003	Oversupply
4/24/2019 13:26	0:01	KS	0.020	-0.002	Oversupply
4/24/2019 13:26	0:01	SMRR	0.020	1.648	Oversupply
4/24/2019 13:26	0:01	KS	0.020	0.276	Oversupply
4/24/2019 13:27	0:01	SMRR	0.020	1.408	Oversupply
4/24/2019 13:28	0:01	KS	0.020	0.997	Oversupply
4/24/2019 13:36	0:01	SMRR	0.012	2.599	Oversupply
4/24/2019 13:37	0:01	SMRR	0.012	2.321	Oversupply
4/24/2019 13:37	0:01	SMRR	0.012	1.221	Oversupply
4/24/2019 13:38	0:01	KS	0.007	1.575	Oversupply
4/24/2019 13:38	0:01	SMRR	0.012	0.020	Oversupply
4/24/2019 13:39	0:03	BS250	Data is not available	Data is not available	Oversupply
4/24/2019 13:39	0:02	KWPPII	0.019	19.016	Oversupply
4/24/2019 13:39	0:01	KS	0.007	1.561	Oversupply
4/24/2019 13:39	0:01	SMRR	0.012	0.017	Oversupply
4/24/2019 13:39	0:01	KS	0.007	1.113	Oversupply
4/24/2019 13:40	0:02	SMRR	0.037	0.020	Oversupply
4/24/2019 13:40	0:02	KS	0.013	0.022	Oversupply
4/24/2019 13:42	0:01	KWPPII	0.001	19.554	Oversupply
4/24/2019 13:42	0:01	SMRR	0.012	0.294	Oversupply
4/24/2019 13:42	0:01	KS	0.007	-0.002	Oversupply
4/24/2019 13:43	0:01	SMRR	0.012	0.539	Oversupply
4/24/2019 13:43	0:01	KS	0.007	0.003	Oversupply
4/24/2019 13:43	0:01	SMRR	0.012	0.662	Oversupply
4/24/2019 13:44	0:01	KS	0.006	0.428	Oversupply
4/24/2019 13:44	0:01	SMRR	0.009	0.555	Oversupply
4/24/2019 13:45	0:02	BS250	Data is not available	Data is not available	Oversupply
4/24/2019 13:45	0:01	KS	0.005	0.541	Oversupply
4/24/2019 13:45	0:02	SMRR	0.005	0.279	Oversupply
4/24/2019 13:45	0:01	KS	0.005	0.556	Oversupply
4/24/2019 13:46	0:01	KWPPII	0.002	18.800	Oversupply
4/24/2019 13:46	0:01	KS	0.005	0.442	Oversupply
4/24/2019 13:47	0:01	SMRR	0.003	0.565	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/24/2019 13:47	0:01	KS	0.005	0.019	Oversupply
4/24/2019 13:48	0:01	SMRR	0.003	1.851	Oversupply
4/24/2019 13:48	0:01	KS	0.005	0.241	Oversupply
4/24/2019 13:49	0:01	KS	0.005	1.223	Oversupply
4/24/2019 13:50	0:01	KS	0.005	1.627	Oversupply
4/25/2019 7:59	0:01	KS	0.000	0.715	Oversupply
4/25/2019 8:10	0:01	SMRR	-0.001	1.289	Oversupply
4/25/2019 8:12	0:01	SMRR	-0.001	1.305	Oversupply
4/25/2019 8:12	0:01	SMRR	-0.001	1.313	Oversupply
4/25/2019 8:13	0:01	SMRR	-0.001	0.802	Oversupply
4/25/2019 8:14	0:01	SMRR	-0.001	0.769	Oversupply
4/25/2019 8:15	0:01	KS	0.001	0.960	Oversupply
4/25/2019 8:16	0:01	KS	0.001	0.975	Oversupply
4/25/2019 8:21	0:01	SMRR	-0.001	1.432	Oversupply
4/25/2019 8:22	0:01	SMRR	-0.001	1.444	Oversupply
4/25/2019 8:23	0:01	KS	0.001	1.098	Oversupply
4/25/2019 8:24	0:01	KS	0.001	1.125	Oversupply
4/25/2019 8:25	0:01	KS	0.001	1.154	Oversupply
4/25/2019 8:26	0:01	KS	0.001	0.778	Oversupply
4/25/2019 8:27	0:01	SMRR	-0.001	1.346	Oversupply
4/25/2019 8:28	0:01	SMRR	-0.001	0.946	Oversupply
4/25/2019 8:28	0:01	SMRR	-0.001	1.426	Oversupply
4/25/2019 8:29	0:01	KS	0.001	0.807	Oversupply
4/25/2019 8:30	0:01	KS	0.001	0.978	Oversupply
4/25/2019 8:33	0:01	SMRR	-0.002	1.322	Oversupply
4/25/2019 8:35	0:01	KS	0.001	1.283	Oversupply
4/25/2019 8:41	0:01	SMRR	-0.002	1.690	Oversupply
4/25/2019 8:43	0:01	KS	0.001	1.411	Oversupply
4/25/2019 12:36	0:01	KWPPII	0.001	0.034	Oversupply
4/25/2019 16:11	0:01	KWPPII	0.000	0.007	Oversupply
4/26/2019 10:47	0:01	BS250	Data is not available	Data is not available	Oversupply
4/26/2019 10:47	0:01	SMRR	-0.001	1.277	Oversupply
4/26/2019 10:48	0:01	AWE	0.017	19.600	Oversupply
4/26/2019 10:48	0:01	KWPPII	0.000	0.223	Oversupply
4/26/2019 10:49	0:01	KS	-0.001	0.950	Oversupply
4/27/2019 12:07	0:01	KWPPII	0.000	0.004	Oversupply
4/27/2019 18:39	0:01	KWPPII	0.003	0.180	Oversupply
4/29/2019 13:54	0:01	SMRR	-0.001	2.334	Oversupply
4/29/2019 13:55	0:01	SMRR	-0.001	2.749	Oversupply
4/29/2019 13:58	0:01	KS	0.003	2.480	Oversupply
4/29/2019 17:52	0:01	KWPPII	0.001	0.061	Oversupply
4/30/2019 8:20	0:01	SMRR	0.010	1.217	Oversupply
4/30/2019 8:20	0:01	SMRR	0.010	1.274	Oversupply
4/30/2019 8:21	0:01	KS	0.007	1.066	Oversupply
4/30/2019 8:21	0:01	SMRR	0.010	0.666	Oversupply
4/30/2019 8:22	0:01	KS	0.007	1.075	Oversupply
4/30/2019 8:22	0:01	SMRR	0.010	0.464	Oversupply
4/30/2019 8:23	0:12	BS250	Data is not available	Data is not available	Oversupply
4/30/2019 8:23	0:12	KWPPII	0.242	20.638	Oversupply
4/30/2019 8:23	0:01	KS	0.007	1.091	Oversupply
4/30/2019 8:23	0:11	SMRR	0.138	0.015	Oversupply
4/30/2019 8:23	0:01	KS	0.007	1.107	Oversupply
4/30/2019 8:24	0:12	KS	0.119	0.161	Oversupply
4/30/2019 8:34	0:01	SMRR	0.008	0.097	Oversupply
4/30/2019 8:35	0:01	SMRR	0.008	0.765	Oversupply
4/30/2019 8:36	0:01	SMRR	0.008	1.336	Oversupply
4/30/2019 8:36	0:01	KS	0.010	0.139	Oversupply
4/30/2019 8:36	0:01	SMRR	0.008	1.472	Oversupply
4/30/2019 8:37	0:01	KS	0.010	0.615	Oversupply
4/30/2019 8:38	0:01	KS	0.010	0.899	Oversupply
4/30/2019 8:39	0:01	SMRR	0.008	1.720	Oversupply
4/30/2019 8:39	0:01	KS	0.010	1.141	Oversupply
4/30/2019 8:39	0:01	SMRR	0.008	1.278	Oversupply
4/30/2019 8:42	0:01	KS	0.010	1.322	Oversupply
4/30/2019 8:42	0:01	SMRR	0.008	1.635	Oversupply
4/30/2019 8:44	0:01	KS	0.006	1.437	Oversupply
4/30/2019 8:46	0:01	SMRR	-0.001	1.755	Oversupply
4/30/2019 8:46	0:01	KS	0.000	1.479	Oversupply
4/30/2019 8:46	0:01	SMRR	-0.001	1.498	Oversupply
4/30/2019 8:47	0:01	SMRR	-0.001	1.764	Oversupply
4/30/2019 8:48	0:01	KS	0.000	1.509	Oversupply
4/30/2019 8:48	0:01	SMRR	-0.001	1.331	Oversupply



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4/30/2019 8:48	0:01	KS	0.000	1.537	Oversupply
4/30/2019 8:49	0:01	SMRR	-0.001	1.391	Oversupply
4/30/2019 8:49	0:01	KS	0.000	1.569	Oversupply
4/30/2019 8:49	0:01	SMRR	-0.001	1.476	Oversupply
4/30/2019 8:50	0:01	KS	0.000	1.598	Oversupply
4/30/2019 8:51	0:01	KS	0.000	1.238	Oversupply
4/30/2019 9:21	0:01	SMRR	-0.003	2.483	Oversupply
4/30/2019 9:23	0:01	KS	-0.001	1.963	Oversupply
4/30/2019 9:37	0:01	SMRR	0.001	1.374	Oversupply
4/30/2019 9:37	0:01	SMRR	0.001	1.549	Oversupply
4/30/2019 9:38	0:01	SMRR	0.001	1.891	Oversupply
4/30/2019 9:39	0:01	KS	0.001	2.167	Oversupply
4/30/2019 9:39	0:01	SMRR	0.001	1.702	Oversupply
4/30/2019 9:39	0:01	KS	0.001	2.070	Oversupply
4/30/2019 9:40	0:01	SMRR	0.001	1.169	Oversupply
4/30/2019 9:40	0:01	KS	0.001	1.705	Oversupply
4/30/2019 9:41	0:01	KS	0.001	1.458	Oversupply
4/30/2019 9:42	0:01	KS	0.001	0.811	Oversupply
4/30/2019 9:43	0:01	KS	0.001	2.205	Oversupply
4/30/2019 9:44	0:01	SMRR	0.004	2.611	Oversupply
4/30/2019 9:46	0:01	SMRR	0.014	2.262	Oversupply
4/30/2019 9:46	0:01	KS	0.014	1.913	Oversupply
4/30/2019 9:47	0:01	SMRR	0.014	1.935	Oversupply
4/30/2019 9:47	0:02	SMRR	0.029	1.935	Oversupply
4/30/2019 9:48	0:01	KS	0.014	1.828	Oversupply
4/30/2019 9:49	0:01	SMRR	0.014	1.829	Oversupply
4/30/2019 9:49	0:01	KS	0.014	1.628	Oversupply
4/30/2019 9:50	0:01	SMRR	0.014	1.698	Oversupply
4/30/2019 9:50	0:01	KS	0.014	1.698	Oversupply
4/30/2019 9:50	0:01	SMRR	0.015	1.971	Oversupply
4/30/2019 9:51	0:01	KS	0.014	1.857	Oversupply
4/30/2019 9:51	0:01	SMRR	0.014	1.801	Oversupply
4/30/2019 9:52	0:01	KS	0.014	2.301	Oversupply
4/30/2019 9:52	0:01	SMRR	0.014	1.066	Oversupply
4/30/2019 9:52	0:01	KS	0.014	1.964	Oversupply
4/30/2019 9:53	0:01	SMRR	0.014	0.404	Oversupply
4/30/2019 9:53	0:01	KS	0.014	1.879	Oversupply
4/30/2019 9:54	0:01	BS250	Data is not available	Data is not available	Oversupply
4/30/2019 9:54	0:01	SMRR	0.014	0.028	Oversupply
4/30/2019 9:54	0:01	KS	0.013	1.088	Oversupply
4/30/2019 9:54	0:01	SMRR	0.014	0.079	Oversupply
4/30/2019 9:55	0:01	KS	0.014	0.203	Oversupply
4/30/2019 9:55	0:01	SMRR	0.014	0.237	Oversupply
4/30/2019 9:56	0:03	BS250	Data is not available	Data is not available	Oversupply
4/30/2019 9:56	0:01	SMRR	0.014	0.025	Oversupply
4/30/2019 9:56	0:01	KS	0.014	0.030	Oversupply
4/30/2019 9:57	0:02	SMRR	0.028	0.066	Oversupply
4/30/2019 9:57	0:01	KS	0.014	0.067	Oversupply
4/30/2019 9:58	0:01	KWP11	0.003	16.843	Oversupply
4/30/2019 9:58	0:01	KS	0.014	0.224	Oversupply
4/30/2019 9:58	0:01	SMRR	0.014	0.168	Oversupply
4/30/2019 9:59	0:01	KS	0.014	0.065	Oversupply
4/30/2019 9:59	0:01	SMRR	0.014	0.868	Oversupply
4/30/2019 9:59	0:01	KS	0.019	0.009	Oversupply
4/30/2019 10:00	0:01	SMRR	0.011	1.675	Oversupply
4/30/2019 10:00	0:01	KS	0.022	-0.002	Oversupply
4/30/2019 10:00	0:01	SMRR	0.011	1.855	Oversupply
4/30/2019 10:01	0:01	KS	0.022	-0.002	Oversupply
4/30/2019 10:01	0:01	SMRR	0.011	2.006	Oversupply
4/30/2019 10:02	0:01	SMRR	0.011	1.577	Oversupply
4/30/2019 10:02	0:01	KS	0.022	0.113	Oversupply
4/30/2019 10:03	0:01	SMRR	0.011	1.927	Oversupply
4/30/2019 10:03	0:01	KS	0.022	0.367	Oversupply
4/30/2019 10:03	0:01	SMRR	0.011	1.491	Oversupply
4/30/2019 10:04	0:01	KS	0.022	0.654	Oversupply
4/30/2019 10:04	0:01	SMRR	0.011	1.278	Oversupply
4/30/2019 10:05	0:01	KS	0.022	1.348	Oversupply
4/30/2019 10:05	0:01	SMRR	0.011	1.522	Oversupply
4/30/2019 10:05	0:01	KS	0.022	1.661	Oversupply
4/30/2019 10:06	0:01	SMRR	0.011	1.072	Oversupply
4/30/2019 10:06	0:01	KS	0.022	1.557	Oversupply
4/30/2019 10:06	0:01	SMRR	0.011	0.659	Oversupply





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4/30/2019 10:07	0:01	KS	0.022	1.518	Oversupply
4/30/2019 10:07	0:01	SMRR	0.011	0.876	Oversupply
4/30/2019 10:08	0:01	SMRR	0.011	0.778	Oversupply
4/30/2019 10:08	0:01	KS	0.022	1.085	Oversupply
4/30/2019 10:09	0:01	SMRR	0.011	0.795	Oversupply
4/30/2019 10:09	0:01	KS	0.022	0.713	Oversupply
4/30/2019 10:10	0:01	SMRR	0.011	0.516	Oversupply
4/30/2019 10:10	0:01	KS	0.022	0.911	Oversupply
4/30/2019 10:10	0:01	SMRR	0.011	1.600	Oversupply
4/30/2019 10:11	0:01	KS	0.022	1.144	Oversupply
4/30/2019 10:11	0:01	SMRR	0.011	1.774	Oversupply
4/30/2019 10:12	0:01	KS	0.022	0.855	Oversupply
4/30/2019 10:12	0:01	SMRR	0.011	1.293	Oversupply
4/30/2019 10:12	0:01	KS	0.022	1.597	Oversupply
4/30/2019 10:13	0:01	SMRR	0.011	1.889	Oversupply
4/30/2019 10:13	0:01	KS	0.022	1.805	Oversupply
4/30/2019 10:14	0:01	KS	0.014	1.219	Oversupply
4/30/2019 10:15	0:01	SMRR	0.008	2.345	Oversupply
4/30/2019 10:15	0:01	KS	0.009	2.476	Oversupply
4/30/2019 10:16	0:01	SMRR	0.008	2.489	Oversupply
4/30/2019 10:16	0:01	SMRR	0.008	2.325	Oversupply
4/30/2019 10:17	0:01	KS	0.009	2.526	Oversupply
4/30/2019 10:17	0:01	SMRR	0.008	1.403	Oversupply
4/30/2019 10:18	0:01	AWE	0.002	0.100	Oversupply
4/30/2019 10:18	0:01	KS	0.009	2.317	Oversupply
4/30/2019 10:18	0:01	SMRR	0.008	1.455	Oversupply
4/30/2019 10:18	0:01	KS	0.009	2.309	Oversupply
4/30/2019 10:19	0:01	SMRR	0.008	1.375	Oversupply
4/30/2019 10:19	0:01	KS	0.009	1.411	Oversupply
4/30/2019 10:19	0:01	SMRR	0.008	0.913	Oversupply
4/30/2019 10:20	0:01	KS	0.009	1.480	Oversupply
4/30/2019 10:20	0:01	SMRR	0.008	1.432	Oversupply
4/30/2019 10:21	0:01	SMRR	0.008	1.887	Oversupply
4/30/2019 10:21	0:01	KS	0.009	1.310	Oversupply
4/30/2019 10:22	0:01	SMRR	0.008	1.736	Oversupply
4/30/2019 10:22	0:01	KS	0.009	1.209	Oversupply
4/30/2019 10:23	0:01	SMRR	0.008	1.952	Oversupply
4/30/2019 10:23	0:01	KS	0.009	1.561	Oversupply
4/30/2019 10:23	0:01	SMRR	0.008	1.554	Oversupply
4/30/2019 10:24	0:01	KS	0.009	1.701	Oversupply
4/30/2019 10:24	0:01	SMRR	0.008	1.358	Oversupply
4/30/2019 10:24	0:01	KS	0.009	2.054	Oversupply
4/30/2019 10:25	0:01	SMRR	0.008	2.061	Oversupply
4/30/2019 10:25	0:01	KS	0.009	1.573	Oversupply
4/30/2019 10:26	0:01	SMRR	0.008	1.787	Oversupply
4/30/2019 10:26	0:01	KS	0.009	1.240	Oversupply
4/30/2019 10:26	0:01	SMRR	0.008	2.258	Oversupply
4/30/2019 10:27	0:01	KS	0.009	2.100	Oversupply
4/30/2019 10:28	0:01	SMRR	0.008	1.529	Oversupply
4/30/2019 10:28	0:01	KS	0.009	2.002	Oversupply
4/30/2019 10:29	0:01	SMRR	0.008	1.282	Oversupply
4/30/2019 10:29	0:01	KS	0.013	2.348	Oversupply
4/30/2019 10:29	0:01	SMRR	0.026	0.231	Oversupply
4/30/2019 10:30	0:01	KS	0.033	2.297	Oversupply
4/30/2019 10:30	0:01	SMRR	0.026	0.034	Oversupply
4/30/2019 10:31	0:01	KS	0.033	1.751	Oversupply
4/30/2019 10:31	0:01	SMRR	0.026	0.620	Oversupply
4/30/2019 10:31	0:01	KS	0.033	0.390	Oversupply
4/30/2019 10:32	3:01	BS250	Data is not available	Data is not available	Oversupply
4/30/2019 10:32	0:01	AWE	0.002	0.100	Oversupply
4/30/2019 10:32	0:01	SMRR	0.026	0.068	Oversupply
4/30/2019 10:32	0:01	KS	0.033	0.034	Oversupply
4/30/2019 10:32	3:00	SMRR	7.944	0.021	Oversupply
4/30/2019 10:33	0:01	KS	0.033	0.759	Oversupply
4/30/2019 10:34	1:49	KWP11	25.820	20.564	Oversupply
4/30/2019 10:34	3:01	KS	8.370	0.032	Oversupply
4/30/2019 11:47	0:01	AWE	0.011	13.800	Oversupply
4/30/2019 11:57	0:02	AWE	0.056	14.800	Oversupply
4/30/2019 12:03	0:06	AWE	0.133	13.000	Oversupply
4/30/2019 12:10	0:01	AWE	0.001	9.900	Oversupply
4/30/2019 12:16	0:02	AWE	0.027	10.300	Oversupply
4/30/2019 12:24	0:54	KWP11	8.033	20.078	Oversupply



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4/30/2019 13:19	0:14	KWP2	0.864	18.137	Oversupply
4/30/2019 13:32	0:01	SMRR	0.015	0.148	Oversupply
4/30/2019 13:33	0:01	SMRR	0.015	0.156	Oversupply
4/30/2019 13:34	0:01	SMRR	0.015	0.980	Oversupply
4/30/2019 13:35	0:01	KS	0.021	0.496	Oversupply
4/30/2019 13:35	0:01	SMRR	0.015	2.284	Oversupply
4/30/2019 13:36	0:01	KS	0.021	1.119	Oversupply
4/30/2019 13:36	0:01	SMRR	0.014	2.179	Oversupply
4/30/2019 13:37	0:01	SMRR	0.015	1.692	Oversupply
4/30/2019 13:37	0:01	SMRR	0.015	2.046	Oversupply
4/30/2019 13:37	0:01	KS	0.021	2.938	Oversupply
4/30/2019 13:38	0:01	SMRR	0.015	2.013	Oversupply
4/30/2019 13:38	0:01	KS	0.021	1.795	Oversupply
4/30/2019 13:39	0:01	KS	0.021	2.021	Oversupply
4/30/2019 13:40	0:01	SMRR	0.014	2.284	Oversupply
4/30/2019 13:40	0:01	KS	0.021	1.916	Oversupply
4/30/2019 13:42	0:01	KS	0.021	2.283	Oversupply
4/30/2019 13:42	0:01	SMRR	0.015	2.882	Oversupply
4/30/2019 13:43	0:01	SMRR	0.014	2.130	Oversupply
4/30/2019 13:43	0:01	SMRR	0.015	0.887	Oversupply
4/30/2019 13:44	0:32	SMRR	1.145	0.020	Oversupply
4/30/2019 13:44	0:01	KS	0.034	2.707	Oversupply
4/30/2019 13:45	0:32	BS250	Data is not available	Data is not available	Oversupply
4/30/2019 13:45	0:01	KS	0.036	1.649	Oversupply
4/30/2019 13:46	0:32	KWP2	1.937	20.048	Oversupply
4/30/2019 13:46	0:32	KS	1.411	0.443	Oversupply
4/30/2019 14:16	0:01	SMRR	0.012	0.115	Oversupply
4/30/2019 14:17	0:01	SMRR	0.012	0.133	Oversupply
4/30/2019 14:18	0:01	BS250	Data is not available	Data is not available	Oversupply
4/30/2019 14:18	0:01	SMRR	0.012	0.002	Oversupply
4/30/2019 14:18	0:01	KS	0.028	0.035	Oversupply
4/30/2019 14:19	0:01	SMRR	0.012	0.228	Oversupply
4/30/2019 14:19	0:01	KS	0.028	0.004	Oversupply
4/30/2019 14:19	0:01	SMRR	0.012	0.369	Oversupply
4/30/2019 14:20	0:01	KS	0.028	0.005	Oversupply
4/30/2019 14:20	0:01	SMRR	0.012	0.728	Oversupply
4/30/2019 14:21	0:01	KS	0.028	0.206	Oversupply
4/30/2019 14:21	0:01	SMRR	0.012	1.405	Oversupply
4/30/2019 14:22	0:01	KS	0.028	0.554	Oversupply
4/30/2019 14:22	0:01	SMRR	0.012	1.783	Oversupply
4/30/2019 14:22	0:01	SMRR	0.012	1.058	Oversupply
4/30/2019 14:22	0:01	KS	0.028	0.852	Oversupply
4/30/2019 14:23	0:01	SMRR	0.012	1.343	Oversupply
4/30/2019 14:23	0:01	KS	0.028	1.839	Oversupply
4/30/2019 14:24	0:01	SMRR	0.012	1.199	Oversupply
4/30/2019 14:24	0:01	KS	0.028	1.482	Oversupply
4/30/2019 14:25	0:01	SMRR	0.012	2.299	Oversupply
4/30/2019 14:25	0:01	KS	0.028	1.405	Oversupply
4/30/2019 14:25	0:01	SMRR	0.012	1.812	Oversupply
4/30/2019 14:26	0:01	KS	0.027	0.925	Oversupply
4/30/2019 14:26	0:01	SMRR	0.012	2.040	Oversupply
4/30/2019 14:27	0:01	KS	0.028	2.260	Oversupply
4/30/2019 14:28	0:01	KS	0.028	1.860	Oversupply
4/30/2019 14:28	0:01	SMRR	0.012	1.549	Oversupply
4/30/2019 14:28	0:01	KS	0.028	2.470	Oversupply
4/30/2019 14:28	0:01	SMRR	0.012	2.190	Oversupply
4/30/2019 14:29	0:01	SMRR	0.007	1.078	Oversupply
4/30/2019 14:29	0:01	KS	0.017	2.654	Oversupply
4/30/2019 14:30	0:01	SMRR	0.010	1.753	Oversupply
4/30/2019 14:30	0:01	KS	0.014	2.116	Oversupply
4/30/2019 14:31	0:01	SMRR	0.010	1.763	Oversupply
4/30/2019 14:31	0:01	KS	0.014	1.444	Oversupply
4/30/2019 14:32	0:01	SMRR	0.010	1.565	Oversupply
4/30/2019 14:32	0:01	KS	0.014	2.038	Oversupply
4/30/2019 14:32	0:01	SMRR	0.010	1.833	Oversupply
4/30/2019 14:33	0:01	KS	0.014	1.398	Oversupply
4/30/2019 14:33	0:01	SMRR	0.010	1.841	Oversupply
4/30/2019 14:34	0:01	KS	0.014	1.833	Oversupply
4/30/2019 14:34	0:01	SMRR	0.010	2.052	Oversupply
4/30/2019 14:35	0:01	KS	0.014	1.910	Oversupply
4/30/2019 14:35	0:01	SMRR	0.010	1.660	Oversupply
4/30/2019 14:35	0:01	SMRR	0.010	1.979	Oversupply



Maui Curtailment Report

April 2019

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWh	Peak MW Curtailed	Reasons for Curtailment
4/30/2019 14:35	0:01	KS	0.014	1.792	Oversupply
4/30/2019 14:36	0:01	SMRR	0.010	2.320	Oversupply
4/30/2019 14:36	0:01	KS	0.014	1.851	Oversupply
4/30/2019 14:37	0:01	SMRR	0.010	2.679	Oversupply
4/30/2019 14:37	0:01	KS	0.014	1.437	Oversupply
4/30/2019 14:38	0:01	SMRR	0.010	2.535	Oversupply
4/30/2019 14:38	0:01	KS	0.014	2.081	Oversupply
4/30/2019 14:38	0:01	SMRR	0.010	2.710	Oversupply
4/30/2019 14:39	0:01	KS	0.014	2.843	Oversupply
4/30/2019 14:39	0:01	SMRR	0.010	2.345	Oversupply
4/30/2019 14:40	0:01	KS	0.014	2.500	Oversupply
4/30/2019 14:40	0:01	SMRR	0.010	1.626	Oversupply
4/30/2019 14:41	0:01	KS	0.014	2.887	Oversupply
4/30/2019 14:41	0:01	SMRR	0.010	1.434	Oversupply
4/30/2019 14:41	0:01	KS	0.014	2.366	Oversupply
4/30/2019 14:41	0:01	SMRR	0.010	1.145	Oversupply
4/30/2019 14:42	0:01	SMRR	0.010	0.878	Oversupply
4/30/2019 14:42	0:01	KS	0.014	1.522	Oversupply
4/30/2019 14:43	0:03	SMRR	0.079	0.046	Oversupply
4/30/2019 14:43	0:01	KS	0.014	1.240	Oversupply
4/30/2019 14:44	0:02	BS250	Data is not available	Data is not available	Oversupply
4/30/2019 14:44	0:01	KS	0.026	1.188	Oversupply
4/30/2019 14:45	0:02	KWPPII	0.017	19.576	Oversupply
4/30/2019 14:45	0:01	KS	0.040	0.404	Oversupply
4/30/2019 14:46	0:03	KS	0.117	0.030	Oversupply
4/30/2019 14:46	0:01	SMRR	0.029	0.467	Oversupply
4/30/2019 14:47	0:01	SMRR	0.029	0.567	Oversupply
4/30/2019 14:48	0:11	BS250	Data is not available	Data is not available	Oversupply
4/30/2019 14:48	0:12	SMRR	0.469	0.001	Oversupply
4/30/2019 14:48	0:01	KS	0.040	-0.002	Oversupply
4/30/2019 14:49	0:27	KWPPII	0.882	20.465	Oversupply
4/30/2019 14:49	0:01	KS	0.040	-0.003	Oversupply
4/30/2019 14:50	0:12	KS	0.555	-0.002	Oversupply
4/30/2019 15:00	0:01	SMRR	0.023	0.023	Oversupply
4/30/2019 15:01	0:01	SMRR	0.023	0.023	Oversupply
4/30/2019 15:01	0:01	SMRR	0.023	0.006	Oversupply
4/30/2019 15:02	0:13	SMRR	0.373	0.005	Oversupply
4/30/2019 15:02	0:01	KS	0.040	0.002	Oversupply
4/30/2019 15:03	0:13	BS250	Data is not available	Data is not available	Oversupply
4/30/2019 15:03	0:15	KS	0.563	0.007	Oversupply
4/30/2019 15:15	0:01	SMRR	0.006	0.183	Oversupply
4/30/2019 15:16	0:01	SMRR	0.006	0.766	Oversupply
4/30/2019 15:18	0:01	KS	0.010	0.567	Oversupply
4/30/2019 15:19	0:01	KS	0.010	1.581	Oversupply
4/30/2019 15:22	0:01	SMRR	0.006	1.955	Oversupply
4/30/2019 15:23	0:01	SMRR	0.006	2.080	Oversupply
4/30/2019 15:23	0:01	SMRR	0.006	2.406	Oversupply
4/30/2019 15:25	0:01	KS	0.010	2.679	Oversupply
4/30/2019 15:25	0:01	SMRR	0.006	2.552	Oversupply
4/30/2019 15:26	0:01	KS	0.010	2.536	Oversupply
4/30/2019 15:27	0:01	KS	0.010	2.670	Oversupply
<b>Total Estimated Curtailed MWh</b>			<b>1,200.288</b>		

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 ("KWPPII") 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 April. No curtailment events recorded.
- The ESA facility was offline for the entire month of April. No curtailment events recorded.
- The ESB facility was offline for the entire month of April. No curtailment events recorded.
- The Estimated Curtailed MWh and Peak MW Curtailed are calculated with information provided by AWE, KWP, KWPPII, KS and SMRR. Maui Electric does not make any representation as to its accuracy.



Lanai Curtailment Report

April 2019

Start Date and Time	Duration	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
4/1/2019 7:14	0:35	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 7:50	0:04	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 7:56	0:03	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 8:02	0:48	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 8:52	0:04	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 9:03	0:07	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 9:36	0:01	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 9:39	0:12	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 9:52	1:04	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 10:57	0:59	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 11:58	0:04	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 12:05	0:12	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 12:18	0:04	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 12:25	0:10	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 12:37	0:09	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 12:47	0:10	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 12:58	0:04	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 13:06	0:03	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 13:12	0:01	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 13:19	0:03	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 13:26	0:08	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 13:39	0:04	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 13:46	0:04	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 13:56	0:02	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 13:59	0:01	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 14:08	0:02	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 14:12	0:04	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 14:54	0:01	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 15:44	0:09	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 15:55	0:02	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 16:11	0:02	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 16:20	0:06	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 16:27	0:31	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 16:59	0:11	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 17:11	0:07	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 17:20	0:01	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 17:22	0:18	LSR	Data is not available	Data is not available	Oversupply
4/1/2019 17:42	0:04	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 9:20	0:11	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 9:33	0:04	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 9:40	0:12	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 9:53	0:04	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 10:01	0:07	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 10:13	0:04	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 10:21	0:17	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 10:41	0:12	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 10:54	0:04	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 11:15	0:01	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 11:23	0:03	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 11:31	0:01	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 11:34	0:01	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 11:55	0:03	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 12:02	0:06	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 12:18	0:01	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 12:22	0:03	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 12:28	0:01	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 12:36	0:01	LSR	Data is not available	Data is not available	Oversupply
4/2/2019 12:43	3:02	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 8:57	0:01	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 9:10	0:03	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 9:20	0:09	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 9:30	0:02	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 9:33	0:01	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 9:37	1:03	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 10:41	2:05	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 12:53	3:10	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 16:04	0:12	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 16:20	0:02	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 16:26	0:15	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 16:42	0:12	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 16:55	0:04	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 17:03	0:11	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 17:15	0:04	LSR	Data is not available	Data is not available	Oversupply
4/3/2019 17:23	0:12	LSR	Data is not available	Data is not available	Oversupply
4/4/2019 9:16	0:50	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 11:05	0:19	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 11:26	0:03	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 11:30	0:05	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 11:36	0:18	LSR	Data is not available	Data is not available	Oversupply



Lanai Curtailment Report

April 2019

Start Date and Time	Duration	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
4/5/2019 11:59	0:06	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 12:16	0:01	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 12:21	0:02	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 12:26	0:01	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 12:28	0:02	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 12:35	0:04	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 12:42	0:03	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 12:46	0:03	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 13:12	0:01	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 13:17	0:06	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 13:25	0:01	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 13:27	0:04	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 13:34	0:18	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 13:53	0:19	LSR	Data is not available	Data is not available	Oversupply
4/5/2019 14:15	0:07	LSR	Data is not available	Data is not available	Oversupply
4/9/2019 12:05	0:01	LSR	Data is not available	Data is not available	Oversupply
4/10/2019 14:31	0:08	LSR	Data is not available	Data is not available	Oversupply
4/10/2019 14:40	0:02	LSR	Data is not available	Data is not available	Oversupply
4/10/2019 14:43	0:02	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 9:19	0:29	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 11:48	0:02	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 11:53	0:01	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 11:56	0:08	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 12:05	0:01	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 12:08	0:03	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 12:18	0:02	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 12:21	0:03	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 12:25	0:11	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 12:37	0:01	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 12:39	0:12	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 12:52	0:01	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 12:54	0:01	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 12:56	0:01	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 13:01	0:10	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 13:12	0:01	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 13:21	0:02	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 13:41	0:01	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 13:44	0:06	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 13:53	0:01	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 13:55	0:03	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 14:02	0:03	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 14:08	0:11	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 14:20	0:01	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 14:24	0:06	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 14:31	0:01	LSR	Data is not available	Data is not available	Oversupply
4/15/2019 14:33	0:03	LSR	Data is not available	Data is not available	Oversupply
4/16/2019 7:42	0:14	LSR	Data is not available	Data is not available	Oversupply
4/16/2019 7:57	0:45	LSR	Data is not available	Data is not available	Oversupply
4/16/2019 8:44	0:15	LSR	Data is not available	Data is not available	Oversupply
4/16/2019 9:00	0:04	LSR	Data is not available	Data is not available	Oversupply
4/16/2019 9:44	0:01	LSR	Data is not available	Data is not available	Oversupply
4/16/2019 11:24	0:25	LSR	Data is not available	Data is not available	Oversupply
4/16/2019 15:23	0:01	LSR	Data is not available	Data is not available	Oversupply
4/18/2019 7:54	0:21	LSR	Data is not available	Data is not available	Oversupply
4/18/2019 8:18	0:01	LSR	Data is not available	Data is not available	Oversupply
4/18/2019 8:49	0:02	LSR	Data is not available	Data is not available	Oversupply
4/18/2019 9:00	0:48	LSR	Data is not available	Data is not available	Oversupply
4/19/2019 8:59	0:27	LSR	Data is not available	Data is not available	Oversupply
4/19/2019 9:31	0:17	LSR	Data is not available	Data is not available	Oversupply
4/20/2019 8:05	0:33	LSR	Data is not available	Data is not available	Oversupply
4/20/2019 8:56	0:11	LSR	Data is not available	Data is not available	Oversupply
4/20/2019 9:08	0:04	LSR	Data is not available	Data is not available	Oversupply
4/20/2019 9:13	0:01	LSR	Data is not available	Data is not available	Oversupply
4/20/2019 9:25	0:05	LSR	Data is not available	Data is not available	Oversupply
4/20/2019 9:35	0:13	LSR	Data is not available	Data is not available	Oversupply
4/22/2019 12:09	0:06	LSR	Data is not available	Data is not available	Oversupply
4/24/2019 7:32	0:09	LSR	Data is not available	Data is not available	Oversupply
4/28/2019 8:05	0:04	LSR	Data is not available	Data is not available	Oversupply
4/30/2019 8:04	1:40	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 April 2019

Start Date/Time	MW output prior to start of curtailment	End Date/Time	MW output after curtailment released <sup>1</sup>	IPP	Reason for Curtailment
04/24/19 08:05	13.4 MW	04/24/19 09:05	12.2 MW	Pakini Nui Windfarm	System constraint
04/24/19 13:24	15.1 MW	04/24/19 13:46	14.8 MW	Pakini Nui Windfarm	System constraint
04/26/19 08:11	14.1 MW	04/26/19 08:50	12.5 MW	Pakini Nui Windfarm	System constraint
04/26/19 12:41	10.4 MW	04/26/19 13:03	10.1 MW	Pakini Nui Windfarm	System constraint

<sup>1</sup> 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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