



March 25, 2019

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PUBLIC UTILITIES
COMMISSION

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

Dear Commissioners:

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

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

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

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

Sincerely,

Kevin M. Katsura
Director
Regulatory Non-Rate Proceedings

Enclosure

c: Service List

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

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

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

The following provides information with respect to items 1a) through 1b) – (all statements are current as of the month ending February 28, 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 February 28, 2019):

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

Hawaiian Electric's contingency reserve activations are provided in Attachment 3. Maui Electric and Hawai'i Electric Light do not operate with contingency reserve requirements.

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

Hawai'i Electric Light's and Maui Electric's under frequency load shed activations are provided in Attachment 4. Hawaiian Electric did not have any under frequency load shed activations for the month of February.

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's demand response activations for system events are provided in Attachment 5. 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.

- (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 February 28, 2019):

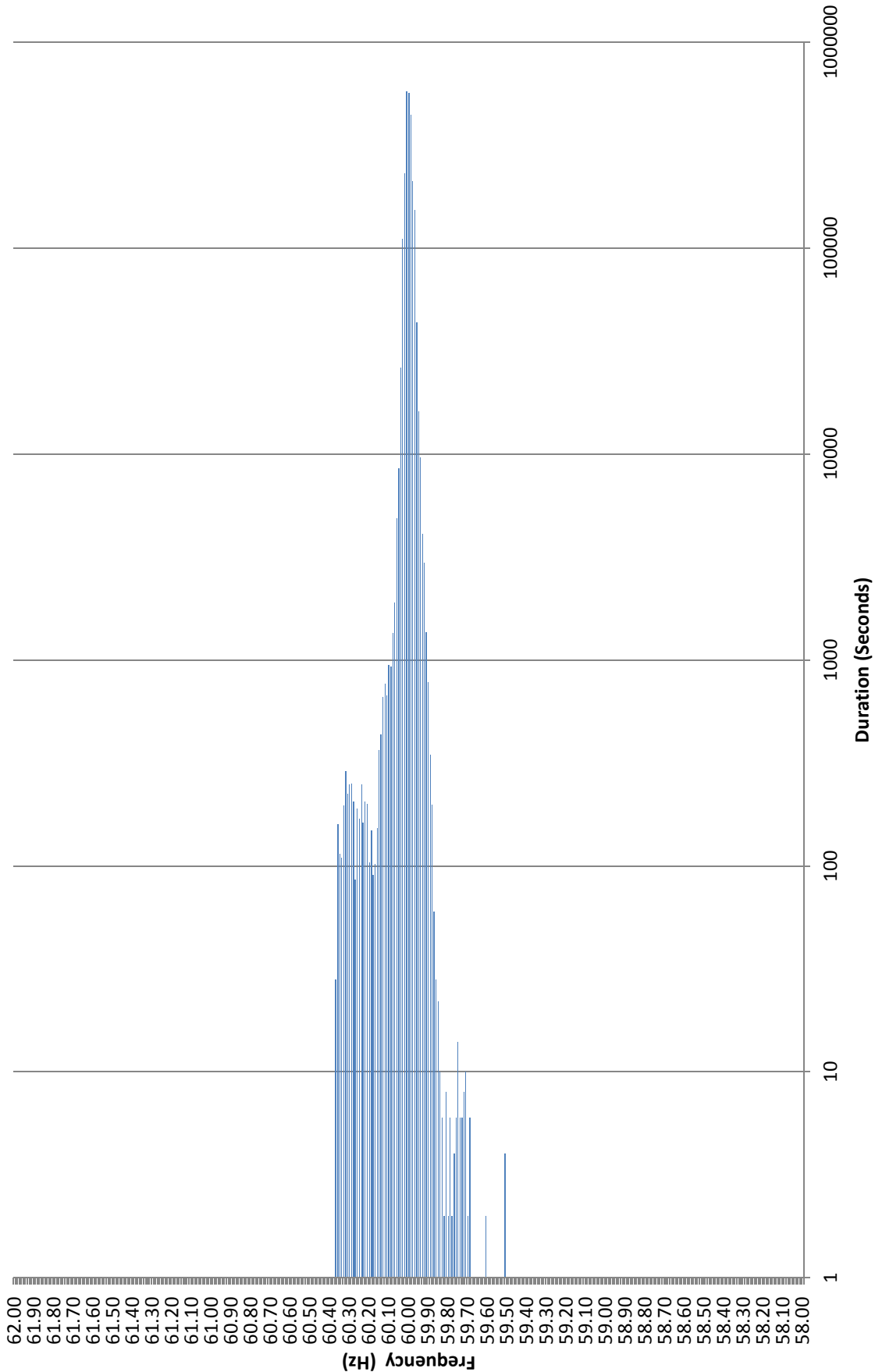
3a) Tabulation of each curtailment event for each resource including the starting date and time, duration, megawatt hours curtailed, peak MW curtailed, and reason for curtailment:

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

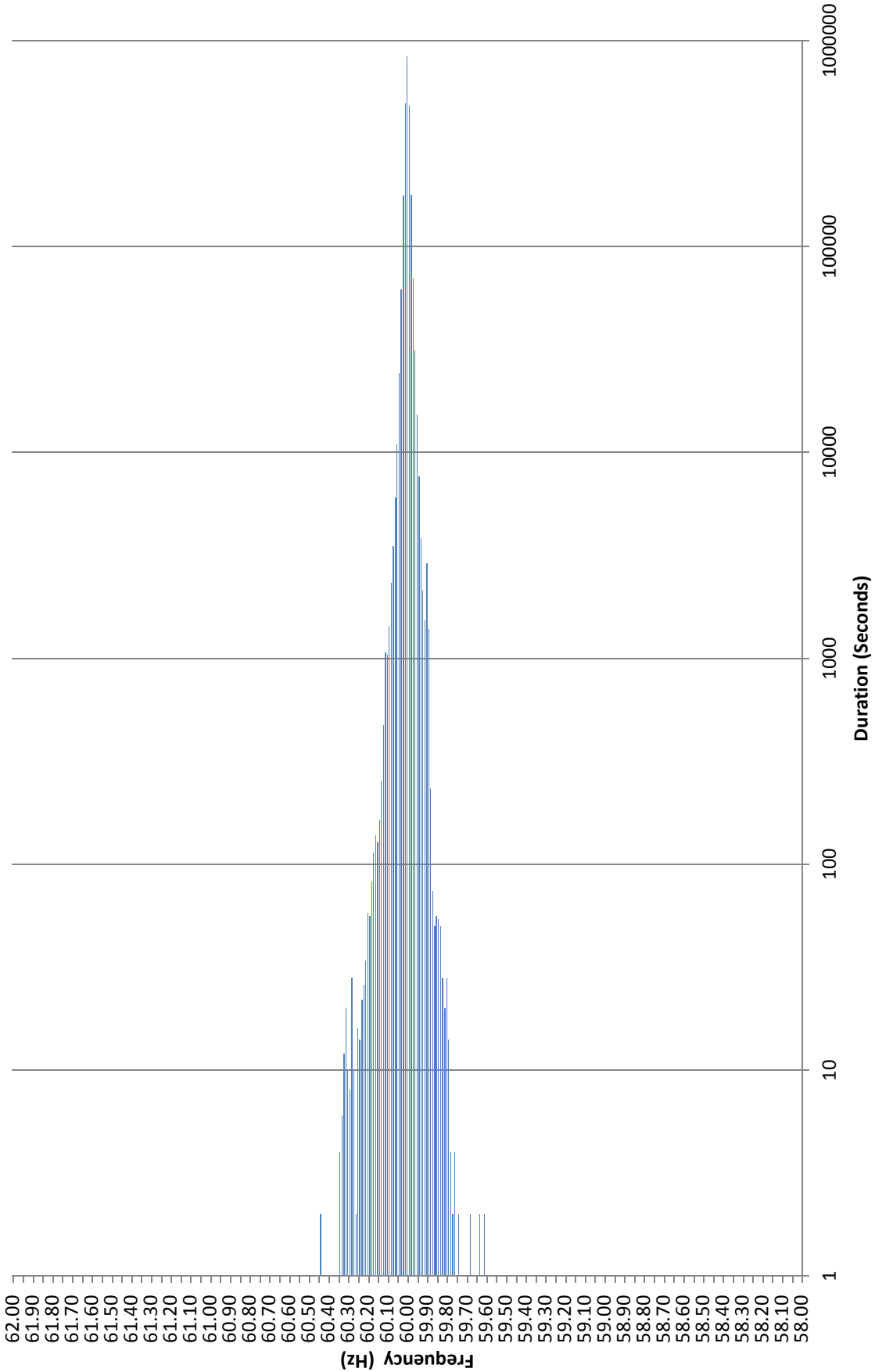
3b) Total MWh of non-dispatchable renewable resources curtailed for the month:

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.

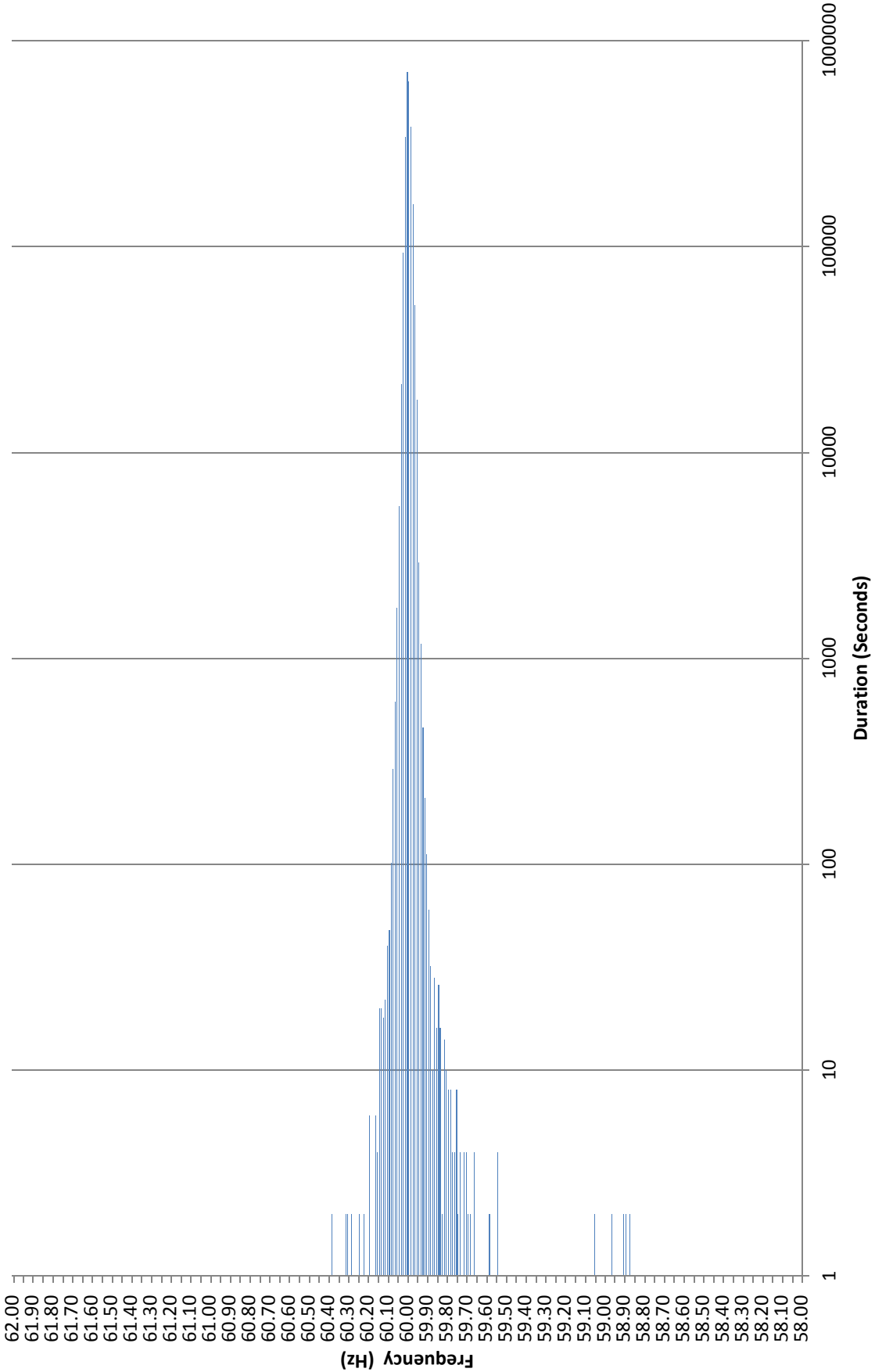
Frequency Distribution Plot - Hawaiian Electric February 2019



Frequency Distribution Plot - Maui Electric February 2019



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



Hawaiian Electric Frequency Excursion Statistics February 2019		
Data Rounded to the nearest	<59.95 Hz	>60.05 Hz
Number of Excursions	1506	730
Maximum Duration (sec)	588	4934
Maximum Deviation (Hz)	59.512	60.373
Total Duration of Excursions (sec)	25430	19522

Maui Electric Frequency Excursion Statistics February 2019		
	<59.95 Hz	>60.05 Hz
Number of Excursions	2793	1909
Maximum Duration (sec)	2088	680
Maximum Deviation (Hz)	59.615	60.443
Total Duration of Excursions (sec)	26342	21470

Hawai'i Electric Light Frequency Excursion Statistics February 2019		
	<59.95 Hz	>60.05 Hz
Number of Excursions	1955	310
Maximum Duration (sec)	204	156
Maximum Deviation (Hz)	58.871	60.380
Total Duration of Excursions (sec)	13542	1854

**HAWAI'I ELECTRIC LIGHT COMPANY, INC.
UNDERFREQUENCY LOAD SHEDDING EVENTS
FEBRUARY 2019**

Event #	Date	Time	Frequency (Hz)			Load Shed (MW)	Duration (HH:MM)	Description
			Prior to Event	Nadir	Level UFLS Occurred			
1	2/10/2019	8:56 AM	60.00	58.03	59.10, 58.80, 58.50, 58.20	37.50	0:28	Hamakua Energy operating in 2CTCC mode and producing 35MW was suddenly disconnected from the power grid as transmission lines were affected during high winds.
2	2/16/2019	9:30 AM	60.00	58.94	59.10 & 59.30 (K)	9.42	0:28	Hamakua Energy's Steam Turbine Generator (STG) tripped offline unexpectedly while generating 11.8MW.

Note: (K) indicates "Kicker" (long time delay) stage operation.

HAWAIIAN ELECTRIC COMPANY, INC.
 DEMAND RESPONSE EVENTS
 February 2019

Event #	Date & Time	Frequency (Hz)			Load Shed (MW)	Duration (HH:MM)	Description
		Prior to Event	Nadir	Trigger			
1	2/20/2019 11:55	60.01	59.51	59.70	NA	0:04	KPLP CT2 tripped while generating ~50MW. RDLC/CIDLC activated.

Hawaiian Electric Curtailment Report February 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
02/01/19 05:32	0.0	0.00	02/01/19 14:13	0	*	KREP	System Constraints
02/01/19 05:34	0.0	0.00	02/01/19 06:50	0	*	KLS2	System Constraints
02/01/19 11:43	0.0	4.10	02/01/19 12:27	0	*	KLS2	System Constraints
02/05/19 18:33	0.0	0.00	02/05/19 19:03	0	*	KLS2	System Constraints
02/05/19 18:43	0.0	0.00	02/06/19 01:34	0	*	Waianae	System Constraints
02/05/19 18:45	0.0	0.00	02/05/19 19:27	0	*	Aloha1	System Constraints
02/06/19 01:08	0.0	0.00	02/06/19 01:36	0	*	Aloha1	System Constraints
02/06/19 01:59	0.0	0.00	02/06/19 02:21	0	*	KLS2	System Constraints
02/07/19 06:13	0.0	0.00	02/07/19 07:15	0	*	KWF	System Constraints
02/07/19 06:15	0.0	0.00	02/07/19 07:18	0	0.12	Makai	System Constraints
02/07/19 14:32	0.0	5.90	02/07/19 15:16	0	*	KWF	System Constraints
02/07/19 14:35	0.0	1.90	02/07/19 15:20	0	2.12	Makai	System Constraints
02/10/19 11:05	0.0	17.50	02/10/19 16:03	0	*	Waianae	Oversupply
02/10/19 11:11	0.0	1.40	02/10/19 16:00	0	*	Aloha1	Oversupply
02/10/19 11:15	0.0	4.00	02/10/19 15:56	0	7.04	North	Oversupply
02/10/19 11:16	0.0	0.50	02/10/19 15:58	0	2.30	South	Oversupply
02/11/19 19:52	0.0	5.00	02/11/19 20:13	0	2.93	Makai	System Constraints
02/11/19 19:53	0.0	5.00	02/11/19 20:14	0	4.14	Mauka	System Constraints
02/12/19 06:47	0.0	0.00	02/12/19 20:15	0	*	KWF	System Constraints
02/12/19 07:01	0.0	0.00	02/12/19 20:19	0	18.16	Makai	System Constraints
02/12/19 07:01	0.0	0.00	02/12/19 07:23	0	2.92	Mauka	System Constraints
02/12/19 07:04	0.0	0.00	02/12/19 09:21	0	*	KLS2	System Constraints
02/12/19 17:25	0.0	2.30	02/12/19 18:23	0	*	KLS2	System Constraints
02/12/19 18:29	0.0	2.00	02/12/19 20:19	0	5.76	Mauka	System Constraints
02/13/19 04:45	0.0	0.00	02/13/19 05:56	0	*	KLS2	System Constraints
02/13/19 05:29	0.0	14.00	02/13/19 20:04	0	277.48	Mauka	System Constraints
02/13/19 15:16	0.0	2.00	02/13/19 17:03	0	*	KLS2	System Constraints
02/14/19 05:33	0.0	0.00	02/14/19 06:09	0	*	KLS2	System Constraints
02/15/19 07:02	0.0	20.00	02/15/19 08:42	0	*	KWF	System Constraints
02/15/19 07:05	0.0	6.80	02/15/19 08:44	0	15.22	Makai	System Constraints
02/15/19 08:03	0.0	0.00	02/15/19 18:47	0	183.68	Mauka	System Constraints
02/15/19 11:46	0.0	0.00	02/15/19 11:47	0	*	KREP	Facility Requested
02/15/19 15:27	0.0	15.00	02/15/19 18:41	0	*	KWF	System Constraints
02/15/19 15:31	0.0	11.00	02/15/19 18:45	0	23.36	Makai	System Constraints
02/15/19 17:01	0.0	3.50	02/15/19 17:35	0	*	KLS2	System Constraints
02/15/19 17:06	0.0	1.40	02/15/19 17:37	0	*	KREP	System Constraints
02/21/19 05:58	0.0	0.00	02/21/19 07:00	0	*	KLS2	System Constraints
02/21/19 14:36	0.0	3.20	02/21/19 15:31	0	*	KREP	System Constraints
02/21/19 16:49	0.0	1.40	02/21/19 17:33	0	*	KLS2	System Constraints
02/21/19 20:49	0.0	0.00	02/21/19 21:04	0	*	KREP	System Constraints
02/22/19 21:10	0.0	0.00	02/22/19 22:07	0	*	KREP	System Constraints
02/23/19 00:18	0.0	0.00	02/23/19 00:43	0	*	KREP	System Constraints
02/24/19 05:32	0.0	0.00	02/24/19 05:33	0	*	KLS2	System Constraints
02/24/19 05:34	0.0	0.00	02/24/19 07:08	0	*	KREP	System Constraints
02/24/19 14:47	0.0	1.10	02/24/19 15:03	0	*	KREP	System Constraints
02/25/19 09:03	15.0	7.00	02/26/19 10:07	0	*	KWF	Facility Requested

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

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/1/19 0:00	0:21	KWPPII	5.747	17.709	Oversupply
2/1/19 0:00	0:12	AWE	0.655	20.400	Oversupply
2/1/19 0:13	0:01	AWE	0.018	15.900	Oversupply
2/1/19 0:23	2:53	KWPPII	18.716	17.714	Oversupply
2/1/19 3:21	0:01	KWPPII	0.015	16.716	Oversupply
2/1/19 3:24	0:43	KWPPII	1.086	17.703	Oversupply
2/1/19 9:09	1:45	BS250	Data is not available	Data is not available	System constraint
2/1/19 9:10	1:46	KWPPII	13.999	19.211	System constraint
2/1/19 9:10	0:01	SMRR	0.006	1.440	System constraint
2/1/19 9:10	0:01	KS	0.001	0.301	System constraint
2/1/19 9:11	1:47	SMRR	3.665	0.522	System constraint
2/1/19 9:11	0:02	KS	0.003	0.297	System constraint
2/1/19 9:13	0:01	KS	0.001	-0.001	System constraint
2/1/19 9:14	1:43	KS	0.885	-0.001	System constraint
2/1/19 10:55	0:01	BS250	Data is not available	Data is not available	System constraint
2/1/19 10:56	0:01	KS	0.011	0.091	System constraint
2/1/19 10:57	0:01	KS	0.011	0.013	System constraint
2/1/19 10:58	0:01	SMRR	0.032	0.229	System constraint
2/1/19 10:58	0:01	KS	0.011	0.199	System constraint
2/1/19 10:58	0:01	SMRR	0.032	0.626	System constraint
2/1/19 10:59	0:01	KS	0.006	0.520	System constraint
2/1/19 10:59	0:01	SMRR	0.024	0.670	System constraint
2/1/19 11:19	0:01	SMRR	0.004	2.242	System constraint
2/1/19 11:20	0:01	SMRR	0.004	2.079	System constraint
2/1/19 11:20	0:01	KS	0.000	0.867	System constraint
2/1/19 11:20	0:01	SMRR	0.004	2.002	System constraint
2/1/19 11:21	0:01	KS	0.000	0.917	System constraint
2/1/19 11:22	0:01	SMRR	0.004	2.522	System constraint
2/1/19 11:30	0:01	SMRR	0.031	2.672	System constraint
2/1/19 11:31	0:01	KS	0.008	0.657	System constraint
2/1/19 11:31	0:01	SMRR	0.031	1.926	System constraint
2/1/19 11:32	2:46	BS250	Data is not available	Data is not available	System constraint
2/1/19 11:32	0:01	KS	0.009	0.669	System constraint
2/1/19 11:32	0:01	SMRR	0.031	1.111	System constraint
2/1/19 11:33	1:55	KWPPII	0.016	19.211	System constraint
2/1/19 11:33	2:47	SMRR	4.666	0.024	System constraint
2/1/19 11:33	0:01	KS	0.009	0.340	System constraint
2/1/19 11:34	2:47	KS	5.809	0.025	System constraint
2/1/19 12:01	0:04	AWE	0.005	18.600	System constraint
2/1/19 12:37	0:10	AWE	0.005	21.000	System constraint
2/1/19 13:22	0:06	AWE	0.005	19.000	System constraint
2/1/19 13:29	0:45	AWE	0.005	21.000	System constraint
2/1/19 13:29	0:49	KWPPII	0.004	19.134	System constraint
2/1/19 14:20	0:12	BS250	Data is not available	Data is not available	System constraint
2/1/19 14:20	0:13	KWPPII	0.002	19.203	System constraint
2/1/19 14:22	0:12	SMRR	0.273	0.639	System constraint
2/1/19 14:22	0:14	KS	0.374	0.418	System constraint
2/1/19 14:34	0:48	BS250	Data is not available	Data is not available	System constraint
2/1/19 14:34	0:01	SMRR	0.016	0.130	System constraint
2/1/19 14:35	0:01	SMRR	0.016	0.197	System constraint
2/1/19 14:35	0:49	SMRR	1.301	0.048	System constraint
2/1/19 14:36	0:10	KWPPII	0.001	19.145	System constraint
2/1/19 14:36	0:01	KS	0.018	0.363	System constraint
2/1/19 14:37	0:49	KS	1.299	0.000	System constraint
2/1/19 14:47	0:36	KWPPII	0.001	19.186	System constraint
2/1/19 15:24	0:01	SMRR	0.011	0.075	System constraint
2/1/19 15:26	0:37	BS250	Data is not available	Data is not available	System constraint
2/1/19 15:26	0:01	KS	0.028	0.390	System constraint
2/1/19 15:26	0:01	SMRR	0.011	0.420	System constraint
2/1/19 15:27	0:01	SMRR	0.011	0.457	System constraint
2/1/19 15:27	0:01	KS	0.028	0.333	System constraint
2/1/19 15:27	0:01	SMRR	0.011	0.319	System constraint
2/1/19 15:27	0:01	KS	0.028	0.086	System constraint
2/1/19 15:28	0:06	KWPPII	0.002	19.117	System constraint
2/1/19 15:28	0:36	SMRR	0.996	0.004	System constraint
2/1/19 15:28	0:37	KS	1.249	0.169	System constraint
2/1/19 15:35	0:28	KWPPII	0.009	19.006	System constraint
2/1/19 16:04	0:01	SMRR	0.016	0.011	System constraint
2/1/19 16:05	0:01	SMRR	0.016	0.201	System constraint
2/1/19 16:06	0:01	SMRR	0.016	0.513	System constraint
2/1/19 16:06	0:01	SMRR	0.016	0.685	System constraint
2/1/19 16:08	0:01	SMRR	0.016	1.289	System constraint
2/1/19 16:09	0:01	SMRR	0.016	1.605	System constraint



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/1/19 16:09	0:01	SMRR	0.016	1.559	System constraint
2/1/19 16:21	0:01	SMRR	0.005	1.522	System constraint
2/1/19 16:22	0:01	SMRR	0.005	1.216	System constraint
2/1/19 16:27	0:01	SMRR	0.005	1.190	System constraint
2/1/19 16:28	0:01	SMRR	0.005	0.926	System constraint
2/1/19 16:28	0:01	SMRR	0.005	0.931	System constraint
2/2/19 0:11	0:06	KWP2	0.031	19.211	Oversupply
2/2/19 1:19	1:53	KWP2	0.031	19.211	Oversupply
2/2/19 2:53	0:15	AWE	3.437	17.900	Oversupply
2/2/19 3:14	2:07	KWP2	0.026	19.211	System constraint
2/2/19 3:29	0:02	AWE	0.027	13.500	System constraint
2/2/19 5:29	0:30	KWP2	0.027	19.211	System constraint
2/2/19 6:33	0:16	KWP2	0.027	19.211	System constraint
2/2/19 7:37	0:03	BS250	Data is not available	Data is not available	System constraint
2/2/19 7:38	0:03	KWP2	0.026	19.206	System constraint
2/2/19 7:38	0:01	KS	0.001	0.108	System constraint
2/2/19 7:38	0:04	SMRR	0.004	0.147	System constraint
2/2/19 7:39	0:01	KS	0.001	0.016	System constraint
2/2/19 7:40	0:03	KS	0.003	0.059	System constraint
2/2/19 7:43	0:01	KS	0.001	0.041	System constraint
2/2/19 7:57	0:01	SMRR	0.002	0.512	System constraint
2/2/19 8:01	0:03	BS250	Data is not available	Data is not available	System constraint
2/2/19 8:02	0:01	SMRR	0.002	0.282	System constraint
2/2/19 8:02	0:01	KS	0.001	0.285	System constraint
2/2/19 8:03	0:02	KWP2	0.017	19.202	System constraint
2/2/19 8:03	0:01	SMRR	0.002	0.001	System constraint
2/2/19 8:03	0:03	KS	0.003	0.072	System constraint
2/2/19 8:04	0:02	SMRR	0.006	0.007	System constraint
2/2/19 8:07	0:01	SMRR	0.002	0.300	System constraint
2/2/19 8:08	0:01	KS	0.001	0.136	System constraint
2/2/19 10:33	0:01	SMRR	0.001	0.816	System constraint
2/2/19 10:34	0:01	KS	-0.002	0.744	System constraint
2/2/19 10:35	0:01	SMRR	0.001	0.584	System constraint
2/2/19 10:36	0:01	KS	-0.002	0.502	System constraint
2/2/19 12:58	0:01	SMRR	0.001	0.264	System constraint
2/2/19 12:58	0:01	KS	-0.002	1.405	System constraint
2/2/19 12:59	0:01	SMRR	0.001	0.173	System constraint
2/2/19 12:59	0:01	KS	-0.002	1.329	System constraint
2/2/19 12:59	0:01	SMRR	0.000	0.264	System constraint
2/2/19 13:00	0:01	KS	-0.002	0.935	System constraint
2/2/19 13:00	0:01	SMRR	0.001	0.347	System constraint
2/2/19 13:01	0:01	SMRR	0.001	0.365	System constraint
2/2/19 13:37	0:01	SMRR	0.001	0.183	System constraint
2/2/19 13:38	0:01	SMRR	0.001	0.128	System constraint
2/2/19 13:38	0:01	KS	-0.001	0.978	System constraint
2/2/19 13:38	0:01	SMRR	0.001	0.063	System constraint
2/2/19 13:39	0:01	KS	-0.001	0.910	System constraint
2/2/19 14:26	0:17	BS250	Data is not available	Data is not available	System constraint
2/2/19 14:27	0:01	SMRR	0.002	0.590	System constraint
2/2/19 14:28	0:13	SMRR	0.141	0.010	System constraint
2/2/19 14:28	0:01	KS	-0.002	0.934	System constraint
2/2/19 14:29	0:10	KWP2	0.017	19.211	System constraint
2/2/19 14:29	0:12	KS	0.274	0.954	System constraint
2/2/19 14:41	0:01	KWP2	0.018	19.211	System constraint
2/2/19 14:41	0:01	SMRR	0.009	0.001	System constraint
2/2/19 14:41	0:01	KS	0.020	-0.002	System constraint
2/2/19 14:42	0:05	SMRR	0.041	0.004	System constraint
2/2/19 14:42	0:01	KS	0.020	-0.002	System constraint
2/2/19 14:43	0:03	KWP2	0.024	19.211	System constraint
2/2/19 14:43	0:05	KS	0.060	-0.002	System constraint
2/2/19 14:47	0:01	SMRR	0.002	0.198	System constraint
2/2/19 14:48	0:01	SMRR	0.002	0.494	System constraint
2/2/19 14:48	0:01	KS	0.005	0.310	System constraint
2/2/19 23:22	0:06	KWP2	0.024	17.552	Oversupply
2/3/19 13:37	0:01	SMRR	0.009	2.503	Oversupply
2/3/19 13:37	0:01	KS	0.011	2.643	Oversupply
2/3/19 13:38	0:01	SMRR	0.009	2.002	Oversupply
2/3/19 13:38	0:01	KS	0.011	2.234	Oversupply
2/3/19 13:38	0:01	SMRR	0.009	2.283	Oversupply
2/3/19 13:39	0:01	KS	0.011	1.958	Oversupply
2/3/19 13:39	0:01	SMRR	0.009	2.455	Oversupply
2/3/19 13:40	0:01	SMRR	0.009	2.046	Oversupply
2/3/19 13:41	0:01	KS	0.011	1.091	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/3/19 13:41	0:01	SMRR	0.009	1.119	Oversupply
2/3/19 13:41	0:01	SMRR	0.009	1.186	Oversupply
2/3/19 13:41	0:01	KS	0.011	0.652	Oversupply
2/3/19 13:42	0:01	SMRR	0.009	0.578	Oversupply
2/3/19 13:42	0:01	KS	0.011	0.436	Oversupply
2/3/19 13:43	0:01	SMRR	0.009	1.540	Oversupply
2/3/19 13:43	0:01	KS	0.011	0.546	Oversupply
2/3/19 13:44	0:01	SMRR	0.009	1.729	Oversupply
2/3/19 13:44	0:01	KS	0.023	0.921	Oversupply
2/3/19 13:44	0:01	SMRR	0.029	1.310	Oversupply
2/3/19 13:45	0:01	KS	0.035	1.136	Oversupply
2/3/19 13:45	0:01	SMRR	0.031	1.019	Oversupply
2/3/19 13:46	0:01	KS	0.036	0.732	Oversupply
2/3/19 13:46	0:01	SMRR	0.031	1.660	Oversupply
2/3/19 13:47	0:01	KS	0.035	1.033	Oversupply
2/3/19 13:47	0:01	SMRR	0.030	1.271	Oversupply
2/3/19 13:48	0:01	SMRR	0.031	1.986	Oversupply
2/3/19 13:48	0:01	KS	0.036	0.947	Oversupply
2/3/19 13:48	0:01	SMRR	0.031	1.238	Oversupply
2/3/19 13:48	0:01	KS	0.036	1.478	Oversupply
2/3/19 13:49	1:19	BS250	Data is not available	Data is not available	Oversupply
2/3/19 13:49	1:20	KWP11	0.021	19.190	Oversupply
2/3/19 13:49	0:01	SMRR	0.031	0.863	Oversupply
2/3/19 13:49	0:01	KS	0.036	1.397	Oversupply
2/3/19 13:50	1:19	SMRR	3.437	0.088	Oversupply
2/3/19 13:50	1:20	KS	3.661	0.391	Oversupply
2/3/19 15:09	0:01	SMRR	0.026	0.008	Oversupply
2/3/19 15:10	0:01	SMRR	0.027	0.297	Oversupply
2/3/19 15:10	0:01	KS	0.035	0.140	Oversupply
2/3/19 15:11	0:01	SMRR	0.027	1.280	Oversupply
2/3/19 15:11	0:01	KS	0.035	0.564	Oversupply
2/3/19 15:12	0:01	SMRR	0.027	1.776	Oversupply
2/3/19 15:12	0:01	KS	0.034	0.895	Oversupply
2/3/19 15:12	0:01	SMRR	0.027	2.110	Oversupply
2/3/19 15:13	0:01	KS	0.035	1.078	Oversupply
2/3/19 15:13	0:01	SMRR	0.026	2.081	Oversupply
2/3/19 15:14	0:01	KS	0.035	1.144	Oversupply
2/3/19 15:14	0:01	SMRR	0.025	1.832	Oversupply
2/3/19 15:15	0:01	KS	0.029	0.866	Oversupply
2/3/19 15:15	0:01	SMRR	0.017	0.948	Oversupply
2/3/19 15:15	0:01	SMRR	0.017	0.283	Oversupply
2/3/19 15:15	0:01	KS	0.029	0.359	Oversupply
2/3/19 15:16	0:01	AWE	0.010	0.100	Oversupply
2/3/19 15:16	0:01	SMRR	0.017	1.042	Oversupply
2/3/19 15:16	0:01	KS	0.029	0.158	Oversupply
2/3/19 15:17	0:01	SMRR	0.017	1.220	Oversupply
2/3/19 15:17	0:01	KS	0.028	0.703	Oversupply
2/3/19 15:18	0:01	SMRR	0.017	0.695	Oversupply
2/3/19 15:18	0:01	KS	0.029	0.310	Oversupply
2/3/19 15:18	0:01	SMRR	0.016	1.008	Oversupply
2/3/19 15:19	0:01	KS	0.029	0.289	Oversupply
2/3/19 15:19	0:01	SMRR	0.017	1.208	Oversupply
2/3/19 15:20	0:01	KS	0.029	0.496	Oversupply
2/3/19 15:20	0:01	SMRR	0.017	1.363	Oversupply
2/3/19 15:21	0:01	KS	0.029	0.785	Oversupply
2/3/19 15:21	0:01	SMRR	0.017	0.969	Oversupply
2/3/19 15:21	0:01	KS	0.029	0.463	Oversupply
2/3/19 15:22	0:01	SMRR	0.016	0.980	Oversupply
2/3/19 15:22	0:01	SMRR	0.017	1.054	Oversupply
2/3/19 15:22	0:01	KS	0.029	0.505	Oversupply
2/3/19 15:23	0:01	SMRR	0.017	0.482	Oversupply
2/3/19 15:23	0:01	KS	0.029	0.492	Oversupply
2/3/19 15:24	0:01	SMRR	0.017	0.445	Oversupply
2/3/19 15:24	0:01	KS	0.029	0.044	Oversupply
2/3/19 15:25	0:01	SMRR	0.017	0.650	Oversupply
2/3/19 15:25	0:01	KS	0.029	0.332	Oversupply
2/3/19 15:25	0:01	SMRR	0.016	1.317	Oversupply
2/3/19 15:26	0:01	KS	0.029	0.424	Oversupply
2/3/19 15:26	0:01	SMRR	0.017	1.850	Oversupply
2/3/19 15:27	0:01	KS	0.028	0.531	Oversupply
2/3/19 22:10	0:01	KWP11	0.034	18.050	Oversupply
2/3/19 22:15	0:05	KWP11	0.034	18.392	Oversupply
2/3/19 22:22	0:01	KWP11	0.034	18.329	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/3/19 22:24	0:01	KWP11	0.034	18.355	Oversupply
2/3/19 22:26	0:01	KWP11	0.034	18.250	Oversupply
2/3/19 22:28	0:11	KWP11	0.034	18.772	Oversupply
2/4/19 0:37	0:01	KWP11	0.034	17.329	Oversupply
2/4/19 1:05	0:45	KWP11	0.006	17.546	Oversupply
2/4/19 1:51	0:30	KWP11	0.006	18.639	Oversupply
2/4/19 2:22	0:13	KWP11	0.009	18.259	Oversupply
2/4/19 2:36	0:03	KWP11	0.011	17.677	Oversupply
2/4/19 2:40	1:20	KWP11	0.011	18.560	Oversupply
2/4/19 4:01	0:02	KWP11	0.011	16.178	Oversupply
2/4/19 4:23	0:01	KWP11	0.011	17.550	Oversupply
2/4/19 10:05	0:01	SMRR	0.003	1.913	Oversupply
2/4/19 10:06	0:01	KS	-0.001	1.046	Oversupply
2/4/19 10:07	0:01	SMRR	0.003	2.104	Oversupply
2/4/19 10:08	0:01	KS	-0.001	2.040	Oversupply
2/4/19 10:11	0:01	SMRR	0.003	2.147	Oversupply
2/4/19 10:12	0:01	KS	-0.001	2.109	Oversupply
2/4/19 10:14	0:01	SMRR	0.014	2.174	Oversupply
2/4/19 10:15	0:01	SMRR	0.018	1.360	Oversupply
2/4/19 10:15	0:01	KS	0.014	2.112	Oversupply
2/4/19 10:16	0:01	SMRR	0.018	1.267	Oversupply
2/4/19 10:16	0:01	KS	0.014	1.344	Oversupply
2/4/19 10:17	0:01	SMRR	0.018	1.361	Oversupply
2/4/19 10:17	0:01	KS	0.014	1.259	Oversupply
2/4/19 10:17	0:01	SMRR	0.017	1.847	Oversupply
2/4/19 10:18	0:01	KS	0.014	1.600	Oversupply
2/4/19 10:18	0:01	SMRR	0.018	1.238	Oversupply
2/4/19 10:19	0:01	KS	0.014	1.289	Oversupply
2/4/19 10:19	0:01	SMRR	0.018	1.221	Oversupply
2/4/19 10:20	0:01	SMRR	0.018	1.127	Oversupply
2/4/19 10:20	0:01	KS	0.014	0.805	Oversupply
2/4/19 10:21	0:01	SMRR	0.018	0.779	Oversupply
2/4/19 10:21	0:01	KS	0.014	0.990	Oversupply
2/4/19 10:21	0:01	SMRR	0.018	1.026	Oversupply
2/4/19 10:22	0:01	KS	0.014	1.025	Oversupply
2/4/19 10:22	0:01	SMRR	0.018	0.485	Oversupply
2/4/19 10:22	0:01	KS	0.014	0.941	Oversupply
2/4/19 10:23	0:01	SMRR	0.018	0.634	Oversupply
2/4/19 10:23	0:01	KS	0.014	0.712	Oversupply
2/4/19 10:24	0:01	SMRR	0.017	1.199	Oversupply
2/4/19 10:24	0:01	KS	0.014	1.024	Oversupply
2/4/19 10:24	0:01	SMRR	0.018	1.232	Oversupply
2/4/19 10:25	0:01	KS	0.014	1.175	Oversupply
2/4/19 10:25	0:01	SMRR	0.018	1.024	Oversupply
2/4/19 10:26	0:01	KS	0.014	1.072	Oversupply
2/4/19 10:26	0:01	SMRR	0.018	1.049	Oversupply
2/4/19 10:27	0:01	SMRR	0.017	0.761	Oversupply
2/4/19 10:27	0:01	KS	0.014	0.950	Oversupply
2/4/19 10:27	0:01	SMRR	0.018	0.183	Oversupply
2/4/19 10:28	0:01	KS	0.015	0.425	Oversupply
2/4/19 10:28	0:01	SMRR	0.018	0.445	Oversupply
2/4/19 10:28	0:01	KS	0.014	0.308	Oversupply
2/4/19 10:29	0:01	SMRR	0.019	0.564	Oversupply
2/4/19 10:29	0:01	KS	0.019	0.312	Oversupply
2/4/19 10:30	0:01	SMRR	0.023	0.695	Oversupply
2/4/19 10:30	0:01	KS	0.023	0.577	Oversupply
2/4/19 10:30	0:01	SMRR	0.024	0.587	Oversupply
2/4/19 10:31	0:01	KS	0.023	0.597	Oversupply
2/4/19 10:31	0:01	SMRR	0.024	1.273	Oversupply
2/4/19 10:32	0:01	KS	0.023	1.163	Oversupply
2/4/19 10:32	0:01	SMRR	0.024	1.592	Oversupply
2/4/19 10:33	0:01	SMRR	0.024	1.482	Oversupply
2/4/19 10:33	0:01	KS	0.023	1.700	Oversupply
2/4/19 10:33	0:01	SMRR	0.023	1.292	Oversupply
2/4/19 10:34	0:01	KS	0.023	1.228	Oversupply
2/4/19 10:34	0:01	SMRR	0.024	1.338	Oversupply
2/4/19 10:34	0:01	KS	0.023	1.530	Oversupply
2/4/19 10:35	0:01	SMRR	0.024	1.052	Oversupply
2/4/19 10:35	0:01	KS	0.023	1.309	Oversupply
2/4/19 10:36	0:03	BS250	Data is not available	Data is not available	Oversupply
2/4/19 10:36	0:03	KWP11	0.027	16.877	Oversupply
2/4/19 10:36	0:01	SMRR	0.024	0.619	Oversupply
2/4/19 10:36	0:01	KS	0.022	1.239	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/4/19 10:37	0:01	SMRR	0.024	0.258	Oversupply
2/4/19 10:37	0:01	KS	0.023	0.495	Oversupply
2/4/19 10:37	0:02	SMRR	0.072	0.030	Oversupply
2/4/19 10:38	0:03	KS	0.090	0.025	Oversupply
2/4/19 10:40	0:01	SMRR	0.024	0.026	Oversupply
2/4/19 10:40	0:01	SMRR	0.024	0.159	Oversupply
2/4/19 10:41	0:01	SMRR	0.023	0.692	Oversupply
2/4/19 10:41	0:01	KS	0.023	0.368	Oversupply
2/4/19 10:42	2:28	BS250	Data is not available	Data is not available	Oversupply
2/4/19 10:42	0:01	SMRR	0.024	0.873	Oversupply
2/4/19 10:42	0:01	KS	0.023	0.751	Oversupply
2/4/19 10:43	0:01	KWP11	0.027	17.755	Oversupply
2/4/19 10:43	0:01	SMRR	0.024	0.759	Oversupply
2/4/19 10:43	0:01	KS	0.023	0.800	Oversupply
2/4/19 10:43	2:28	SMRR	6.967	0.571	Oversupply
2/4/19 10:44	0:01	KS	0.026	0.703	Oversupply
2/4/19 10:45	2:26	KWP11	0.022	18.860	Oversupply
2/4/19 10:45	2:27	KS	6.377	0.362	Oversupply
2/4/19 13:12	0:01	SMRR	0.035	0.307	Oversupply
2/4/19 13:12	0:01	KS	0.038	0.001	Oversupply
2/4/19 13:12	0:01	SMRR	0.035	1.044	Oversupply
2/4/19 13:13	0:01	KS	0.041	0.698	Oversupply
2/4/19 13:13	0:01	SMRR	0.035	0.875	Oversupply
2/4/19 13:13	0:01	KS	0.040	1.194	Oversupply
2/4/19 13:14	0:01	SMRR	0.035	0.237	Oversupply
2/4/19 13:14	0:01	KS	0.041	0.610	Oversupply
2/4/19 13:15	0:01	SMRR	0.036	0.380	Oversupply
2/4/19 13:15	0:01	KS	0.041	0.385	Oversupply
2/4/19 13:15	0:01	SMRR	0.036	0.060	Oversupply
2/4/19 13:16	0:16	BS250	Data is not available	Data is not available	Oversupply
2/4/19 13:16	0:01	KS	0.041	0.064	Oversupply
2/4/19 13:16	0:01	SMRR	0.036	0.123	Oversupply
2/4/19 13:17	0:15	KWP11	0.022	17.955	Oversupply
2/4/19 13:17	0:01	KS	0.040	0.127	Oversupply
2/4/19 13:17	0:01	SMRR	0.036	0.139	Oversupply
2/4/19 13:18	0:16	SMRR	0.738	0.013	Oversupply
2/4/19 13:18	0:16	KS	0.747	0.113	Oversupply
2/4/19 13:34	0:01	SMRR	0.032	0.403	Oversupply
2/4/19 13:34	0:01	KS	0.036	0.450	Oversupply
2/4/19 13:35	0:01	SMRR	0.032	0.827	Oversupply
2/4/19 13:35	0:01	KS	0.036	0.912	Oversupply
2/4/19 13:35	0:01	SMRR	0.032	1.067	Oversupply
2/4/19 13:36	0:01	KS	0.036	0.862	Oversupply
2/4/19 13:36	0:01	SMRR	0.032	0.827	Oversupply
2/4/19 13:37	0:01	SMRR	0.032	0.848	Oversupply
2/4/19 13:37	0:01	KS	0.036	0.827	Oversupply
2/4/19 13:38	0:01	SMRR	0.032	0.891	Oversupply
2/4/19 13:38	0:02	KS	0.072	0.694	Oversupply
2/4/19 13:38	0:01	SMRR	0.032	0.361	Oversupply
2/4/19 13:39	0:01	SMRR	0.032	0.412	Oversupply
2/4/19 13:39	0:01	KS	0.036	0.016	Oversupply
2/4/19 13:40	0:02	SMRR	0.065	0.021	Oversupply
2/4/19 13:40	0:01	KS	0.036	0.327	Oversupply
2/4/19 13:41	0:01	KS	0.036	0.039	Oversupply
2/4/19 13:41	0:01	SMRR	0.032	0.122	Oversupply
2/4/19 13:42	0:01	KS	0.036	0.139	Oversupply
2/4/19 13:42	0:01	SMRR	0.032	0.333	Oversupply
2/4/19 13:43	0:01	KS	0.036	0.360	Oversupply
2/4/19 13:43	0:01	SMRR	0.032	0.198	Oversupply
2/4/19 13:44	0:01	SMRR	0.032	0.354	Oversupply
2/4/19 13:44	0:01	KS	0.035	0.222	Oversupply
2/4/19 13:44	0:01	SMRR	0.021	0.819	Oversupply
2/4/19 13:45	0:01	KS	0.024	0.482	Oversupply
2/4/19 13:45	0:01	SMRR	0.020	0.675	Oversupply
2/4/19 13:45	0:01	KS	0.024	0.692	Oversupply
2/4/19 13:46	0:01	SMRR	0.021	1.110	Oversupply
2/4/19 13:46	0:01	KS	0.024	0.898	Oversupply
2/4/19 13:47	0:01	SMRR	0.020	1.545	Oversupply
2/4/19 13:47	0:01	KS	0.024	1.797	Oversupply
2/4/19 13:48	0:01	SMRR	0.020	1.251	Oversupply
2/4/19 13:48	0:01	KS	0.024	0.951	Oversupply
2/4/19 13:48	0:01	SMRR	0.020	1.057	Oversupply
2/4/19 13:49	0:01	KS	0.024	1.136	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/4/19 13:49	0:01	SMRR	0.020	0.477	Oversupply
2/4/19 13:50	0:01	KS	0.024	0.488	Oversupply
2/4/19 13:50	0:01	SMRR	0.020	0.671	Oversupply
2/4/19 13:51	0:01	SMRR	0.020	1.039	Oversupply
2/4/19 13:51	0:01	KS	0.024	0.745	Oversupply
2/4/19 13:51	0:01	SMRR	0.020	0.824	Oversupply
2/4/19 13:51	0:01	KS	0.024	0.949	Oversupply
2/4/19 13:52	0:01	SMRR	0.020	0.940	Oversupply
2/4/19 13:52	0:01	KS	0.024	0.762	Oversupply
2/4/19 13:53	0:01	SMRR	0.020	1.126	Oversupply
2/4/19 13:53	0:01	KS	0.024	1.037	Oversupply
2/4/19 13:54	0:01	SMRR	0.020	1.032	Oversupply
2/4/19 13:54	0:01	KS	0.024	0.911	Oversupply
2/4/19 13:54	0:01	SMRR	0.020	1.331	Oversupply
2/4/19 13:55	0:01	KS	0.024	1.588	Oversupply
2/4/19 13:55	0:02	SMRR	0.040	1.555	Oversupply
2/4/19 13:56	0:01	KS	0.024	1.512	Oversupply
2/4/19 13:57	0:01	SMRR	0.020	1.482	Oversupply
2/4/19 13:57	0:01	KS	0.024	1.105	Oversupply
2/4/19 13:58	0:01	KS	0.024	1.753	Oversupply
2/4/19 13:58	0:01	KS	0.024	2.548	Oversupply
2/4/19 14:00	0:01	SMRR	0.010	2.401	Oversupply
2/4/19 14:00	0:01	KS	0.011	2.555	Oversupply
2/4/19 14:01	0:01	SMRR	0.010	1.659	Oversupply
2/4/19 14:01	0:01	KS	0.011	1.041	Oversupply
2/4/19 14:01	0:01	SMRR	0.010	2.390	Oversupply
2/4/19 14:02	0:01	KS	0.011	2.328	Oversupply
2/4/19 14:02	0:01	SMRR	0.010	2.289	Oversupply
2/4/19 14:03	0:01	KS	0.011	2.119	Oversupply
2/4/19 14:04	0:01	SMRR	0.010	2.386	Oversupply
2/4/19 14:04	0:01	SMRR	0.010	2.303	Oversupply
2/4/19 14:04	0:01	KS	0.011	2.391	Oversupply
2/4/19 14:05	0:01	SMRR	0.010	2.388	Oversupply
2/4/19 14:05	0:01	KS	0.011	2.313	Oversupply
2/4/19 14:06	0:01	SMRR	0.010	1.656	Oversupply
2/4/19 14:06	0:01	KS	0.011	2.276	Oversupply
2/4/19 14:07	0:01	SMRR	0.010	1.418	Oversupply
2/4/19 14:07	0:01	KS	0.010	1.339	Oversupply
2/4/19 14:07	0:01	SMRR	0.010	1.796	Oversupply
2/4/19 14:08	0:01	KS	0.011	1.247	Oversupply
2/4/19 14:08	0:01	SMRR	0.010	1.651	Oversupply
2/4/19 14:09	0:01	KS	0.011	1.414	Oversupply
2/4/19 14:09	0:01	SMRR	0.010	1.688	Oversupply
2/4/19 14:10	0:01	KS	0.011	1.652	Oversupply
2/4/19 14:10	0:01	SMRR	0.010	2.016	Oversupply
2/4/19 14:10	0:01	SMRR	0.010	2.407	Oversupply
2/4/19 14:11	0:01	KS	0.011	2.184	Oversupply
2/4/19 14:11	0:01	SMRR	0.010	2.560	Oversupply
2/4/19 14:12	0:01	KS	0.010	2.267	Oversupply
2/4/19 14:13	0:01	SMRR	0.010	2.597	Oversupply
2/4/19 14:14	0:01	SMRR	0.012	2.426	Oversupply
2/4/19 14:15	0:01	KS	0.014	2.122	Oversupply
2/4/19 14:15	0:01	SMRR	0.011	1.867	Oversupply
2/4/19 14:16	0:01	KS	0.014	1.813	Oversupply
2/4/19 14:16	0:01	SMRR	0.011	1.536	Oversupply
2/4/19 14:17	0:01	SMRR	0.011	1.974	Oversupply
2/4/19 14:17	0:01	KS	0.014	1.389	Oversupply
2/4/19 14:17	0:01	SMRR	0.011	2.035	Oversupply
2/4/19 14:17	0:01	KS	0.014	1.848	Oversupply
2/4/19 14:18	0:02	SMRR	0.023	1.889	Oversupply
2/4/19 14:18	0:01	KS	0.014	1.812	Oversupply
2/4/19 14:19	0:01	KS	0.014	1.774	Oversupply
2/4/19 14:20	0:01	SMRR	0.011	1.852	Oversupply
2/4/19 14:20	0:01	KS	0.014	1.558	Oversupply
2/4/19 14:20	0:01	SMRR	0.011	2.253	Oversupply
2/4/19 14:21	0:01	KS	0.014	2.274	Oversupply
2/4/19 14:21	0:01	SMRR	0.011	1.740	Oversupply
2/4/19 14:22	0:01	KS	0.014	1.607	Oversupply
2/4/19 14:22	0:01	SMRR	0.011	1.452	Oversupply
2/4/19 14:23	0:01	KS	0.014	1.547	Oversupply
2/4/19 14:23	0:01	SMRR	0.011	1.051	Oversupply
2/4/19 14:23	0:01	SMRR	0.011	1.251	Oversupply
2/4/19 14:23	0:01	KS	0.014	1.087	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/4/19 14:24	0:01	SMRR	0.011	1.419	Oversupply
2/4/19 14:24	0:01	KS	0.014	1.339	Oversupply
2/4/19 14:25	0:01	SMRR	0.011	1.308	Oversupply
2/4/19 14:25	0:01	KS	0.014	1.089	Oversupply
2/4/19 14:26	0:01	KS	0.014	1.779	Oversupply
2/4/19 14:34	0:01	KS	0.001	2.409	Oversupply
2/5/19 0:01	4:51	KWPPII	0.025	19.206	Oversupply
2/5/19 5:29	0:01	KWPPII	0.050	17.890	Oversupply
2/5/19 12:27	0:01	SMRR	0.001	2.761	Oversupply
2/5/19 17:34	0:01	KWPPII	0.025	0.022	Oversupply
2/6/19 10:48	0:18	BS250	Data is not available	Data is not available	Oversupply
2/6/19 10:49	0:16	KWPPII	0.025	12.331	Oversupply
2/6/19 10:49	0:01	SMRR	0.021	1.449	Oversupply
2/6/19 10:50	0:01	KS	0.010	0.575	Oversupply
2/6/19 10:50	0:18	SMRR	0.621	0.815	Oversupply
2/6/19 10:50	0:01	KS	0.010	0.652	Oversupply
2/6/19 10:51	0:18	KS	0.357	0.686	Oversupply
2/6/19 11:06	0:01	KWPPII	0.012	11.692	Oversupply
2/6/19 11:08	0:01	SMRR	0.034	0.062	Oversupply
2/6/19 11:08	0:01	SMRR	0.034	0.136	Oversupply
2/6/19 11:09	0:02	KWPPII	0.012	11.783	Oversupply
2/6/19 11:09	0:01	SMRR	0.034	0.520	Oversupply
2/6/19 11:09	0:01	KS	0.023	0.279	Oversupply
2/6/19 11:10	0:01	SMRR	0.034	0.077	Oversupply
2/6/19 11:10	0:01	KS	0.023	0.050	Oversupply
2/6/19 11:11	0:01	SMRR	0.034	0.020	Oversupply
2/6/19 11:11	0:02	KS	0.046	0.034	Oversupply
2/6/19 11:11	0:01	SMRR	0.034	0.124	Oversupply
2/6/19 11:12	0:01	SMRR	0.034	0.712	Oversupply
2/6/19 11:13	0:01	KS	0.023	0.722	Oversupply
2/6/19 11:26	0:01	SMRR	0.006	2.845	Oversupply
2/6/19 11:27	0:01	KS	0.003	2.895	Oversupply
2/6/19 11:27	0:01	SMRR	0.006	2.723	Oversupply
2/6/19 11:28	0:01	KS	0.003	2.789	Oversupply
2/6/19 11:44	0:01	SMRR	0.009	2.882	Oversupply
2/6/19 11:45	0:01	KS	0.006	2.858	Oversupply
2/6/19 11:46	0:01	KS	0.006	2.566	Oversupply
2/6/19 11:47	0:01	SMRR	0.011	2.481	Oversupply
2/6/19 11:47	0:01	KS	0.006	2.440	Oversupply
2/6/19 11:48	0:01	SMRR	0.011	1.999	Oversupply
2/6/19 11:48	0:01	KS	0.006	2.069	Oversupply
2/6/19 11:49	0:01	SMRR	0.011	1.557	Oversupply
2/6/19 11:49	0:01	KS	0.006	1.853	Oversupply
2/6/19 11:50	0:01	SMRR	0.011	1.418	Oversupply
2/6/19 11:50	0:01	KS	0.006	1.523	Oversupply
2/6/19 11:50	0:01	SMRR	0.011	1.556	Oversupply
2/6/19 11:51	0:01	KS	0.006	1.225	Oversupply
2/6/19 11:51	0:01	SMRR	0.010	2.415	Oversupply
2/6/19 11:52	0:01	KS	0.006	1.022	Oversupply
2/6/19 11:54	0:01	SMRR	0.011	2.847	Oversupply
2/6/19 11:54	0:01	SMRR	0.010	2.555	Oversupply
2/6/19 11:54	0:01	KS	0.006	2.164	Oversupply
2/6/19 11:55	0:01	KS	0.006	1.411	Oversupply
2/6/19 12:06	0:01	SMRR	0.009	2.491	Oversupply
2/6/19 12:06	0:02	SMRR	0.018	1.960	Oversupply
2/6/19 12:07	0:01	KS	0.006	2.903	Oversupply
2/6/19 12:07	0:01	KS	0.007	1.845	Oversupply
2/6/19 12:08	0:01	SMRR	0.009	2.004	Oversupply
2/6/19 12:08	0:01	KS	0.007	1.829	Oversupply
2/6/19 12:09	0:01	SMRR	0.009	1.324	Oversupply
2/6/19 12:09	0:01	KS	0.007	1.888	Oversupply
2/6/19 12:10	0:01	SMRR	0.009	1.575	Oversupply
2/6/19 12:10	0:01	KS	0.007	2.220	Oversupply
2/6/19 12:10	0:01	SMRR	0.009	1.735	Oversupply
2/6/19 12:11	0:01	KS	0.007	2.121	Oversupply
2/6/19 12:11	0:01	SMRR	0.009	1.396	Oversupply
2/6/19 12:12	0:01	KS	0.007	1.580	Oversupply
2/6/19 12:12	0:01	SMRR	0.009	1.198	Oversupply
2/6/19 12:13	0:01	KS	0.006	1.389	Oversupply
2/6/19 12:13	0:01	SMRR	0.009	1.861	Oversupply
2/6/19 12:13	0:01	KS	0.007	2.188	Oversupply
2/6/19 12:20	0:01	SMRR	0.015	2.577	Oversupply
2/6/19 12:23	0:01	SMRR	0.015	2.356	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/6/19 12:23	0:01	KS	0.014	2.427	Oversupply
2/6/19 12:23	0:01	SMRR	0.015	1.297	Oversupply
2/6/19 12:24	0:01	KS	0.014	1.819	Oversupply
2/6/19 12:24	0:01	SMRR	0.015	1.067	Oversupply
2/6/19 12:25	0:01	KS	0.014	1.282	Oversupply
2/6/19 12:25	0:01	SMRR	0.015	0.465	Oversupply
2/6/19 12:25	0:01	KS	0.014	0.624	Oversupply
2/6/19 12:26	0:01	SMRR	0.015	0.020	Oversupply
2/6/19 12:26	0:01	SMRR	0.015	0.034	Oversupply
2/6/19 12:26	0:01	KS	0.014	0.035	Oversupply
2/6/19 12:27	0:01	SMRR	0.015	0.018	Oversupply
2/6/19 12:27	0:01	KS	0.014	0.143	Oversupply
2/6/19 12:28	0:01	SMRR	0.015	0.032	Oversupply
2/6/19 12:28	0:01	KS	0.014	0.028	Oversupply
2/6/19 12:29	0:01	SMRR	0.015	0.630	Oversupply
2/6/19 12:29	0:01	KS	0.019	0.332	Oversupply
2/6/19 12:29	0:01	SMRR	0.026	1.115	Oversupply
2/6/19 12:30	0:01	KS	0.027	1.556	Oversupply
2/6/19 12:30	0:01	SMRR	0.025	1.009	Oversupply
2/6/19 12:31	0:01	KS	0.027	0.951	Oversupply
2/6/19 12:31	0:01	SMRR	0.026	1.588	Oversupply
2/6/19 12:32	0:01	KS	0.027	1.488	Oversupply
2/6/19 12:32	0:01	SMRR	0.026	1.617	Oversupply
2/6/19 12:32	0:01	KS	0.027	1.719	Oversupply
2/6/19 12:32	0:01	SMRR	0.026	0.958	Oversupply
2/6/19 12:33	0:01	SMRR	0.025	1.600	Oversupply
2/6/19 12:33	0:01	KS	0.027	1.131	Oversupply
2/6/19 12:34	0:01	SMRR	0.026	1.806	Oversupply
2/6/19 12:34	0:01	KS	0.027	2.117	Oversupply
2/6/19 12:35	0:01	KS	0.027	2.255	Oversupply
2/6/19 12:36	0:01	SMRR	0.026	1.037	Oversupply
2/6/19 12:36	0:01	KS	0.027	2.436	Oversupply
2/6/19 12:36	0:01	SMRR	0.026	0.342	Oversupply
2/6/19 12:37	0:04	BS250	Data is not available	Data is not available	Oversupply
2/6/19 12:37	0:03	KWP2	0.005	9.408	Oversupply
2/6/19 12:37	0:01	KS	0.027	2.090	Oversupply
2/6/19 12:37	0:01	SMRR	0.025	0.582	Oversupply
2/6/19 12:38	0:01	KS	0.027	0.708	Oversupply
2/6/19 12:38	0:01	SMRR	0.026	0.665	Oversupply
2/6/19 12:38	0:01	KS	0.027	0.815	Oversupply
2/6/19 12:39	0:05	SMRR	0.153	0.017	Oversupply
2/6/19 12:39	0:04	KS	0.134	0.030	Oversupply
2/6/19 12:41	0:01	KWP2	0.001	8.092	Oversupply
2/6/19 12:42	0:05	BS250	Data is not available	Data is not available	Oversupply
2/6/19 12:43	0:04	KWP2	0.001	11.472	Oversupply
2/6/19 12:43	0:01	SMRR	0.025	0.168	Oversupply
2/6/19 12:44	0:01	KS	0.027	-0.002	Oversupply
2/6/19 12:44	0:05	SMRR	0.196	0.019	Oversupply
2/6/19 12:44	0:05	KS	0.218	-0.002	Oversupply
2/6/19 12:48	0:04	BS250	Data is not available	Data is not available	Oversupply
2/6/19 12:48	0:01	SMRR	0.033	0.240	Oversupply
2/6/19 12:49	0:03	KWP2	0.304	11.049	Oversupply
2/6/19 12:49	0:01	SMRR	0.034	0.240	Oversupply
2/6/19 12:50	0:01	KS	0.036	-0.002	Oversupply
2/6/19 12:50	0:04	SMRR	0.168	0.012	Oversupply
2/6/19 12:51	0:03	KS	0.146	-0.002	Oversupply
2/6/19 12:54	0:01	SMRR	0.034	0.348	Oversupply
2/6/19 12:54	0:01	KS	0.036	0.232	Oversupply
2/6/19 12:55	0:01	SMRR	0.033	0.754	Oversupply
2/6/19 12:55	0:01	KS	0.036	0.416	Oversupply
2/6/19 12:55	0:01	SMRR	0.034	0.271	Oversupply
2/6/19 12:56	0:01	KS	0.036	0.801	Oversupply
2/6/19 12:56	0:01	SMRR	0.034	0.322	Oversupply
2/6/19 12:57	0:01	KS	0.036	1.256	Oversupply
2/6/19 12:57	0:01	SMRR	0.034	0.644	Oversupply
2/6/19 12:57	0:01	KS	0.036	0.552	Oversupply
2/6/19 12:58	0:01	KWP2	0.370	9.512	Oversupply
2/6/19 12:58	0:01	SMRR	0.034	0.957	Oversupply
2/6/19 12:58	0:01	KS	0.036	1.052	Oversupply
2/6/19 12:58	0:01	SMRR	0.034	0.700	Oversupply
2/6/19 12:59	0:01	SMRR	0.034	0.016	Oversupply
2/6/19 12:59	0:01	KS	0.038	0.810	Oversupply
2/6/19 13:00	0:01	SMRR	0.035	0.188	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/6/19 13:00	0:01	KS	0.039	0.026	Oversupply
2/6/19 13:01	0:01	KWP2	0.014	10.749	Oversupply
2/6/19 13:01	0:01	SMRR	0.034	0.787	Oversupply
2/6/19 13:01	0:01	KS	0.039	0.475	Oversupply
2/6/19 13:01	0:01	SMRR	0.035	0.875	Oversupply
2/6/19 13:02	0:01	KS	0.039	0.435	Oversupply
2/6/19 13:02	0:02	SMRR	0.070	0.445	Oversupply
2/6/19 13:03	0:47	BS250	Data is not available	Data is not available	Oversupply
2/6/19 13:03	0:01	KS	0.039	0.997	Oversupply
2/6/19 13:04	0:01	KS	0.039	0.027	Oversupply
2/6/19 13:04	0:47	KWP2	0.014	15.562	Oversupply
2/6/19 13:04	0:01	SMRR	0.034	0.449	Oversupply
2/6/19 13:04	0:01	KS	0.039	0.459	Oversupply
2/6/19 13:05	0:48	SMRR	2.177	0.019	Oversupply
2/6/19 13:05	0:48	KS	2.131	0.034	Oversupply
2/6/19 13:53	0:01	SMRR	0.027	0.351	Oversupply
2/6/19 13:53	0:01	KS	0.030	0.028	Oversupply
2/6/19 13:53	0:01	SMRR	0.027	0.546	Oversupply
2/6/19 13:54	0:01	KS	0.030	0.775	Oversupply
2/6/19 13:54	0:01	KS	0.030	0.495	Oversupply
2/6/19 13:56	0:01	SMRR	0.027	2.241	Oversupply
2/6/19 13:57	0:01	SMRR	0.027	2.700	Oversupply
2/6/19 13:58	0:01	KS	0.030	2.673	Oversupply
2/6/19 13:58	0:01	SMRR	0.027	2.279	Oversupply
2/6/19 13:59	0:01	SMRR	0.027	1.467	Oversupply
2/6/19 13:59	0:01	KS	0.031	2.080	Oversupply
2/6/19 13:59	0:01	SMRR	0.027	1.760	Oversupply
2/6/19 14:00	0:01	KS	0.023	1.344	Oversupply
2/6/19 14:00	0:01	SMRR	0.027	1.204	Oversupply
2/6/19 14:01	0:01	KS	0.023	1.350	Oversupply
2/6/19 14:01	0:01	SMRR	0.027	0.671	Oversupply
2/6/19 14:01	0:01	KS	0.023	0.948	Oversupply
2/6/19 14:02	0:01	SMRR	0.026	1.158	Oversupply
2/6/19 14:02	0:01	KS	0.023	0.709	Oversupply
2/6/19 14:03	0:01	SMRR	0.027	2.661	Oversupply
2/6/19 14:04	0:02	KWP2	0.028	15.043	Oversupply
2/6/19 14:04	0:01	SMRR	0.027	1.770	Oversupply
2/6/19 14:05	0:01	SMRR	0.026	0.560	Oversupply
2/6/19 14:05	0:01	KS	0.023	0.352	Oversupply
2/6/19 14:06	0:02	SMRR	0.053	0.029	Oversupply
2/6/19 14:06	0:01	KS	0.023	0.141	Oversupply
2/6/19 14:07	0:02	KS	0.047	0.028	Oversupply
2/6/19 14:07	0:01	SMRR	0.027	0.029	Oversupply
2/6/19 14:08	0:01	SMRR	0.026	0.440	Oversupply
2/6/19 14:08	0:01	KS	0.023	-0.002	Oversupply
2/6/19 14:09	0:01	SMRR	0.027	0.828	Oversupply
2/6/19 14:09	0:01	KS	0.023	-0.002	Oversupply
2/6/19 14:09	0:01	SMRR	0.027	0.957	Oversupply
2/6/19 14:10	0:03	KWP2	0.244	15.712	Oversupply
2/6/19 14:10	0:01	KS	0.023	-0.002	Oversupply
2/6/19 14:10	0:01	SMRR	0.027	0.763	Oversupply
2/6/19 14:11	0:01	KS	0.023	-0.002	Oversupply
2/6/19 14:11	0:01	SMRR	0.027	0.419	Oversupply
2/6/19 14:12	0:01	BS250	Data is not available	Data is not available	Oversupply
2/6/19 14:12	0:01	SMRR	0.026	0.042	Oversupply
2/6/19 14:12	0:03	KS	0.085	-0.002	Oversupply
2/6/19 14:12	0:01	SMRR	0.027	0.031	Oversupply
2/6/19 14:13	0:01	SMRR	0.027	0.007	Oversupply
2/6/19 14:14	0:01	SMRR	0.026	0.068	Oversupply
2/6/19 14:15	0:01	SMRR	0.022	0.284	Oversupply
2/6/19 14:15	0:01	KS	0.026	0.380	Oversupply
2/6/19 14:16	0:01	SMRR	0.022	0.784	Oversupply
2/6/19 14:16	0:02	KS	0.053	0.825	Oversupply
2/6/19 14:16	0:01	SMRR	0.022	0.865	Oversupply
2/6/19 14:17	0:01	SMRR	0.022	1.033	Oversupply
2/6/19 14:18	0:01	KS	0.027	1.148	Oversupply
2/6/19 14:18	0:01	SMRR	0.022	1.882	Oversupply
2/6/19 14:19	0:01	KS	0.027	2.138	Oversupply
2/6/19 14:19	0:01	SMRR	0.022	2.287	Oversupply
2/6/19 14:20	0:01	SMRR	0.022	1.601	Oversupply
2/6/19 14:20	0:01	KS	0.027	1.792	Oversupply
2/6/19 14:21	0:01	SMRR	0.022	1.434	Oversupply
2/6/19 14:21	0:01	KS	0.027	1.404	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/6/19 14:22	0:01	SMRR	0.022	2.334	Oversupply
2/6/19 14:22	0:01	KS	0.027	2.377	Oversupply
2/6/19 14:22	0:01	SMRR	0.022	1.294	Oversupply
2/6/19 14:23	0:01	KWPPII	0.036	14.691	Oversupply
2/6/19 14:23	0:01	KS	0.026	1.654	Oversupply
2/6/19 14:23	0:01	SMRR	0.022	0.671	Oversupply
2/6/19 14:24	0:01	KS	0.027	0.930	Oversupply
2/6/19 14:24	0:02	SMRR	0.044	0.119	Oversupply
2/6/19 14:25	0:02	KS	0.053	0.181	Oversupply
2/6/19 14:25	0:01	SMRR	0.022	0.080	Oversupply
2/6/19 14:26	0:01	SMRR	0.022	0.284	Oversupply
2/6/19 14:26	0:01	KS	0.027	0.182	Oversupply
2/6/19 14:27	0:01	SMRR	0.022	0.661	Oversupply
2/6/19 14:27	0:01	KS	0.027	0.483	Oversupply
2/6/19 14:28	0:01	SMRR	0.022	0.660	Oversupply
2/6/19 14:28	0:01	KS	0.027	0.675	Oversupply
2/6/19 14:29	0:01	SMRR	0.022	0.888	Oversupply
2/6/19 14:29	0:02	KS	0.024	0.984	Oversupply
2/6/19 14:29	0:01	SMRR	0.013	0.894	Oversupply
2/6/19 14:30	0:01	SMRR	0.007	0.920	Oversupply
2/6/19 14:31	0:01	KS	0.006	1.049	Oversupply
2/6/19 14:31	0:01	SMRR	0.007	1.136	Oversupply
2/6/19 14:32	0:01	SMRR	0.008	1.374	Oversupply
2/6/19 14:32	0:01	KS	0.007	1.279	Oversupply
2/6/19 14:32	0:01	KS	0.006	1.506	Oversupply
2/7/19 0:34	0:01	KWPPII	0.030	7.126	Oversupply
2/8/19 11:03	0:01	SMRR	0.011	2.593	Oversupply
2/8/19 11:04	0:01	SMRR	0.011	1.778	Oversupply
2/8/19 11:05	0:01	KS	0.010	2.460	Oversupply
2/8/19 11:05	0:01	SMRR	0.011	0.841	Oversupply
2/8/19 11:05	0:01	KS	0.010	1.172	Oversupply
2/8/19 11:06	0:01	SMRR	0.011	0.860	Oversupply
2/8/19 11:06	0:01	KS	0.010	0.900	Oversupply
2/8/19 11:06	0:01	SMRR	0.011	0.467	Oversupply
2/8/19 11:07	0:01	KS	0.010	0.622	Oversupply
2/8/19 11:07	0:01	SMRR	0.011	0.855	Oversupply
2/8/19 11:08	0:01	SMRR	0.011	1.006	Oversupply
2/8/19 11:08	0:01	KS	0.010	0.840	Oversupply
2/8/19 11:09	0:01	SMRR	0.011	0.806	Oversupply
2/8/19 11:09	0:01	KS	0.010	1.411	Oversupply
2/8/19 11:10	0:01	SMRR	0.011	1.242	Oversupply
2/8/19 11:10	0:01	KS	0.010	1.148	Oversupply
2/8/19 11:10	0:01	SMRR	0.011	1.726	Oversupply
2/8/19 11:11	0:01	KS	0.010	1.389	Oversupply
2/8/19 11:11	0:02	SMRR	0.022	2.623	Oversupply
2/8/19 11:12	0:01	KS	0.010	2.319	Oversupply
2/8/19 11:12	0:01	KS	0.010	2.648	Oversupply
2/8/19 11:19	0:01	SMRR	0.005	2.707	Oversupply
2/8/19 11:19	0:01	KS	0.005	2.834	Oversupply
2/8/19 11:19	0:01	SMRR	0.005	2.802	Oversupply
2/8/19 11:20	0:01	KS	0.005	2.951	Oversupply
2/8/19 11:20	0:01	SMRR	0.005	2.316	Oversupply
2/8/19 11:21	0:01	SMRR	0.005	2.151	Oversupply
2/8/19 11:22	0:01	SMRR	0.005	2.282	Oversupply
2/8/19 11:23	0:01	SMRR	0.005	1.845	Oversupply
2/8/19 11:23	0:01	KS	0.005	2.404	Oversupply
2/8/19 11:24	0:01	KS	0.005	2.714	Oversupply
2/8/19 11:24	0:01	SMRR	0.005	2.584	Oversupply
2/8/19 11:24	0:01	KS	0.005	2.708	Oversupply
2/8/19 11:25	0:01	SMRR	0.005	2.625	Oversupply
2/8/19 11:25	0:01	KS	0.004	2.581	Oversupply
2/8/19 11:26	0:01	SMRR	0.005	2.731	Oversupply
2/8/19 11:27	0:01	KS	0.005	2.884	Oversupply
2/8/19 11:28	0:01	SMRR	0.005	2.371	Oversupply
2/8/19 11:28	0:01	KS	0.004	2.726	Oversupply
2/8/19 11:29	0:01	SMRR	0.005	2.288	Oversupply
2/8/19 11:29	0:01	KS	0.006	2.373	Oversupply
2/8/19 11:29	0:01	SMRR	0.019	2.233	Oversupply
2/8/19 11:30	0:01	KS	0.015	2.292	Oversupply
2/8/19 11:30	0:01	SMRR	0.018	2.155	Oversupply
2/8/19 11:31	0:01	KS	0.015	1.953	Oversupply
2/8/19 11:31	0:01	KS	0.015	2.371	Oversupply
2/8/19 11:32	0:01	SMRR	0.018	0.703	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/8/19 11:33	0:01	SMRR	0.018	2.237	Oversupply
2/8/19 11:34	0:01	SMRR	0.019	0.963	Oversupply
2/8/19 11:34	0:01	KS	0.015	2.119	Oversupply
2/8/19 11:35	0:01	KS	0.015	2.374	Oversupply
2/8/19 11:37	0:01	KS	0.015	2.658	Oversupply
2/8/19 11:38	0:01	SMRR	0.018	2.472	Oversupply
2/8/19 11:38	0:01	KS	0.015	2.473	Oversupply
2/8/19 11:39	0:01	SMRR	0.018	1.643	Oversupply
2/8/19 11:39	0:01	KS	0.015	1.767	Oversupply
2/8/19 11:39	0:01	SMRR	0.018	1.055	Oversupply
2/8/19 11:40	0:03	BS250	Data is not available	Data is not available	Oversupply
2/8/19 11:40	0:04	KWP11	0.017	17.484	Oversupply
2/8/19 11:40	0:01	KS	0.015	1.198	Oversupply
2/8/19 11:40	0:01	SMRR	0.018	0.718	Oversupply
2/8/19 11:41	0:05	SMRR	0.119	0.188	Oversupply
2/8/19 11:41	0:01	KS	0.015	0.744	Oversupply
2/8/19 11:42	0:04	KS	0.104	0.064	Oversupply
2/8/19 11:45	0:01	SMRR	0.028	0.157	Oversupply
2/8/19 11:46	0:01	KS	0.030	-0.001	Oversupply
2/8/19 11:46	0:01	SMRR	0.028	0.206	Oversupply
2/8/19 11:47	0:01	KS	0.031	-0.001	Oversupply
2/8/19 11:47	0:01	SMRR	0.028	0.288	Oversupply
2/8/19 11:48	0:01	SMRR	0.027	0.201	Oversupply
2/8/19 11:48	0:01	KS	0.030	0.031	Oversupply
2/8/19 11:48	0:01	SMRR	0.028	0.285	Oversupply
2/8/19 11:49	0:01	KS	0.031	0.183	Oversupply
2/8/19 11:49	0:01	SMRR	0.028	0.279	Oversupply
2/8/19 11:50	0:01	KS	0.031	0.523	Oversupply
2/8/19 11:50	0:01	SMRR	0.028	0.773	Oversupply
2/8/19 11:50	0:01	KS	0.031	0.743	Oversupply
2/8/19 11:51	0:01	SMRR	0.027	0.605	Oversupply
2/8/19 11:51	0:01	KS	0.031	0.929	Oversupply
2/8/19 11:52	0:01	SMRR	0.028	0.692	Oversupply
2/8/19 11:52	0:01	KS	0.031	0.726	Oversupply
2/8/19 11:52	0:01	SMRR	0.028	1.146	Oversupply
2/8/19 11:53	0:01	KS	0.031	1.208	Oversupply
2/8/19 11:53	0:01	SMRR	0.028	1.145	Oversupply
2/8/19 11:54	0:01	SMRR	0.027	1.479	Oversupply
2/8/19 11:54	0:01	KS	0.031	1.277	Oversupply
2/8/19 11:55	0:01	SMRR	0.028	1.728	Oversupply
2/8/19 11:55	0:01	KS	0.031	1.521	Oversupply
2/8/19 11:55	0:01	SMRR	0.028	1.615	Oversupply
2/8/19 11:56	0:01	KS	0.031	2.054	Oversupply
2/8/19 11:56	0:01	SMRR	0.028	1.392	Oversupply
2/8/19 11:56	0:01	KS	0.031	1.202	Oversupply
2/8/19 11:57	0:05	BS250	Data is not available	Data is not available	Oversupply
2/8/19 11:57	0:01	SMRR	0.027	1.068	Oversupply
2/8/19 11:57	0:01	KS	0.031	1.292	Oversupply
2/8/19 11:58	0:03	KWP11	0.024	18.143	Oversupply
2/8/19 11:58	0:01	SMRR	0.028	0.690	Oversupply
2/8/19 11:58	0:01	KS	0.031	0.882	Oversupply
2/8/19 11:58	0:04	SMRR	0.154	0.020	Oversupply
2/8/19 11:59	0:01	KS	0.033	0.199	Oversupply
2/8/19 12:00	0:03	KS	0.140	0.031	Oversupply
2/8/19 12:02	0:02	SMRR	0.064	0.206	Oversupply
2/8/19 12:03	0:02	KS	0.069	-0.002	Oversupply
2/8/19 12:04	0:01	SMRR	0.032	0.131	Oversupply
2/8/19 12:05	0:01	SMRR	0.032	0.253	Oversupply
2/8/19 12:05	0:01	KS	0.035	0.002	Oversupply
2/8/19 12:05	0:01	SMRR	0.031	0.590	Oversupply
2/8/19 12:06	0:01	KS	0.035	0.293	Oversupply
2/8/19 12:06	0:01	SMRR	0.032	0.507	Oversupply
2/8/19 12:07	0:01	SMRR	0.032	0.026	Oversupply
2/8/19 12:07	0:01	KS	0.035	0.778	Oversupply
2/8/19 12:08	0:01	SMRR	0.032	0.021	Oversupply
2/8/19 12:08	0:01	KS	0.035	1.282	Oversupply
2/8/19 12:08	0:01	SMRR	0.031	0.577	Oversupply
2/8/19 12:09	0:01	KS	0.036	0.207	Oversupply
2/8/19 12:09	0:01	SMRR	0.032	1.272	Oversupply
2/8/19 12:09	0:01	KS	0.034	1.015	Oversupply
2/8/19 12:10	0:01	SMRR	0.032	1.032	Oversupply
2/8/19 12:10	0:01	KS	0.036	1.307	Oversupply
2/8/19 12:11	0:01	SMRR	0.032	0.566	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/8/19 12:11	0:01	KS	0.035	0.757	Oversupply
2/8/19 12:11	0:01	SMRR	0.031	0.480	Oversupply
2/8/19 12:12	0:01	KWP11	0.020	16.035	Oversupply
2/8/19 12:12	0:01	KS	0.035	0.785	Oversupply
2/8/19 12:12	0:01	SMRR	0.032	0.548	Oversupply
2/8/19 12:13	0:01	SMRR	0.032	0.424	Oversupply
2/8/19 12:13	0:01	KS	0.034	0.764	Oversupply
2/8/19 12:14	0:01	SMRR	0.032	0.128	Oversupply
2/8/19 12:14	0:01	KS	0.032	0.365	Oversupply
2/8/19 12:14	0:01	SMRR	0.009	0.677	Oversupply
2/8/19 12:15	0:01	KS	0.010	0.567	Oversupply
2/8/19 12:15	0:01	SMRR	0.007	0.820	Oversupply
2/8/19 12:15	0:01	KS	0.010	0.759	Oversupply
2/8/19 12:16	0:01	SMRR	0.007	0.940	Oversupply
2/8/19 12:16	0:01	KS	0.010	1.176	Oversupply
2/8/19 12:17	0:01	SMRR	0.007	1.764	Oversupply
2/8/19 12:17	0:01	KS	0.010	1.620	Oversupply
2/8/19 12:18	0:01	SMRR	0.007	2.011	Oversupply
2/8/19 12:18	0:01	KS	0.009	1.989	Oversupply
2/8/19 12:18	0:01	SMRR	0.007	2.214	Oversupply
2/8/19 12:19	0:01	KS	0.010	2.355	Oversupply
2/8/19 12:19	0:01	SMRR	0.007	2.188	Oversupply
2/8/19 12:20	0:01	KS	0.010	2.354	Oversupply
2/8/19 12:20	0:01	SMRR	0.007	2.564	Oversupply
2/8/19 12:21	0:01	SMRR	0.007	2.756	Oversupply
2/8/19 12:21	0:01	KS	0.010	2.669	Oversupply
2/8/19 12:25	0:01	SMRR	0.007	2.890	Oversupply
2/8/19 12:26	0:01	SMRR	0.007	2.565	Oversupply
2/8/19 12:27	0:01	KS	0.010	2.578	Oversupply
2/8/19 12:28	0:01	SMRR	0.007	2.801	Oversupply
2/8/19 12:29	0:01	SMRR	0.013	2.315	Oversupply
2/8/19 12:29	0:01	KS	0.027	2.601	Oversupply
2/8/19 12:30	0:01	SMRR	0.031	2.667	Oversupply
2/8/19 12:30	0:01	KS	0.032	2.659	Oversupply
2/8/19 12:30	0:01	SMRR	0.030	2.475	Oversupply
2/8/19 12:31	0:01	KS	0.031	2.379	Oversupply
2/8/19 12:31	0:01	SMRR	0.031	1.590	Oversupply
2/8/19 12:32	0:01	KS	0.032	1.803	Oversupply
2/8/19 12:32	0:01	SMRR	0.031	0.758	Oversupply
2/8/19 12:33	0:04	KWP11	0.021	15.804	Oversupply
2/8/19 12:33	0:02	KS	0.065	0.765	Oversupply
2/8/19 12:33	0:01	SMRR	0.031	0.560	Oversupply
2/8/19 12:34	0:03	BS250	Data is not available	Data is not available	Oversupply
2/8/19 12:34	0:01	SMRR	0.030	0.722	Oversupply
2/8/19 12:34	0:01	SMRR	0.032	0.085	Oversupply
2/8/19 12:34	0:01	KS	0.032	0.597	Oversupply
2/8/19 12:35	0:01	SMRR	0.031	0.060	Oversupply
2/8/19 12:35	0:01	KS	0.032	0.039	Oversupply
2/8/19 12:36	0:02	SMRR	0.093	0.023	Oversupply
2/8/19 12:36	0:03	KS	0.097	0.019	Oversupply
2/8/19 12:38	0:21	BS250	Data is not available	Data is not available	Oversupply
2/8/19 12:38	0:14	KWP11	0.004	16.991	Oversupply
2/8/19 12:38	0:01	SMRR	0.031	0.012	Oversupply
2/8/19 12:39	0:22	KS	1.008	-0.002	Oversupply
2/8/19 12:39	0:01	SMRR	0.031	0.174	Oversupply
2/8/19 12:40	0:21	SMRR	0.902	0.006	Oversupply
2/8/19 12:53	0:07	KWP11	0.008	15.784	Oversupply
2/8/19 13:00	0:01	SMRR	0.034	0.009	Oversupply
2/8/19 13:01	0:01	SMRR	0.033	0.093	Oversupply
2/8/19 13:01	0:01	KS	0.039	-0.002	Oversupply
2/8/19 13:02	0:01	SMRR	0.034	0.703	Oversupply
2/8/19 13:02	0:01	KS	0.039	0.054	Oversupply
2/8/19 13:03	0:01	SMRR	0.034	0.947	Oversupply
2/8/19 13:03	0:01	KS	0.039	0.302	Oversupply
2/8/19 13:03	0:01	SMRR	0.034	0.941	Oversupply
2/8/19 13:04	0:01	KS	0.039	0.551	Oversupply
2/8/19 13:04	0:01	SMRR	0.034	0.739	Oversupply
2/8/19 13:05	0:20	BS250	Data is not available	Data is not available	Oversupply
2/8/19 13:05	0:21	KWP11	0.006	17.557	Oversupply
2/8/19 13:05	0:01	KS	0.039	1.238	Oversupply
2/8/19 13:05	0:01	SMRR	0.034	0.246	Oversupply
2/8/19 13:06	0:01	SMRR	0.033	0.249	Oversupply
2/8/19 13:06	0:01	KS	0.039	1.053	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/8/19 13:06	0:19	SMRR	0.870	0.019	Oversupply
2/8/19 13:07	0:01	KS	0.039	0.187	Oversupply
2/8/19 13:07	0:19	KS	0.877	0.020	Oversupply
2/8/19 13:25	0:01	SMRR	0.036	0.041	Oversupply
2/8/19 13:26	0:01	SMRR	0.036	0.008	Oversupply
2/8/19 13:26	0:01	KS	0.041	0.077	Oversupply
2/8/19 13:27	0:01	SMRR	0.035	0.108	Oversupply
2/8/19 13:27	0:01	KS	0.041	0.052	Oversupply
2/8/19 13:28	0:01	SMRR	0.036	0.146	Oversupply
2/8/19 13:28	0:01	KS	0.041	0.207	Oversupply
2/8/19 13:28	0:01	SMRR	0.036	0.443	Oversupply
2/8/19 13:29	0:01	KS	0.037	0.442	Oversupply
2/8/19 13:29	0:01	SMRR	0.029	0.770	Oversupply
2/8/19 13:30	0:01	KS	0.029	0.640	Oversupply
2/8/19 13:30	0:01	SMRR	0.025	0.971	Oversupply
2/8/19 13:31	0:01	KS	0.029	1.057	Oversupply
2/8/19 13:31	0:01	SMRR	0.025	0.848	Oversupply
2/8/19 13:32	0:01	KS	0.028	0.778	Oversupply
2/8/19 13:32	0:01	SMRR	0.025	0.904	Oversupply
2/8/19 13:32	0:01	SMRR	0.025	1.422	Oversupply
2/8/19 13:32	0:01	KS	0.029	0.863	Oversupply
2/8/19 13:33	0:01	SMRR	0.025	2.120	Oversupply
2/8/19 13:33	0:01	KS	0.029	1.371	Oversupply
2/8/19 13:34	0:01	SMRR	0.025	1.610	Oversupply
2/8/19 13:34	0:01	KS	0.029	2.113	Oversupply
2/8/19 13:35	0:01	SMRR	0.025	1.185	Oversupply
2/8/19 13:35	0:01	KS	0.029	1.123	Oversupply
2/8/19 13:35	0:01	SMRR	0.025	1.095	Oversupply
2/8/19 13:36	0:01	KS	0.029	1.214	Oversupply
2/8/19 13:36	0:01	SMRR	0.025	0.787	Oversupply
2/8/19 13:37	0:01	KWPPII	0.028	15.541	Oversupply
2/8/19 13:37	0:01	KS	0.029	0.537	Oversupply
2/8/19 13:37	0:01	SMRR	0.025	0.806	Oversupply
2/8/19 13:38	0:01	KS	0.028	0.627	Oversupply
2/8/19 13:38	0:01	SMRR	0.025	0.280	Oversupply
2/8/19 13:38	0:02	SMRR	0.050	0.015	Oversupply
2/8/19 13:38	0:01	KS	0.028	0.420	Oversupply
2/8/19 13:39	0:01	KS	0.029	0.035	Oversupply
2/8/19 13:40	0:01	SMRR	0.025	0.211	Oversupply
2/8/19 13:40	0:01	KS	0.028	0.032	Oversupply
2/8/19 13:41	0:01	SMRR	0.025	0.504	Oversupply
2/8/19 13:41	0:01	KS	0.029	0.238	Oversupply
2/8/19 13:41	0:01	SMRR	0.025	0.863	Oversupply
2/8/19 13:42	0:01	KS	0.029	0.620	Oversupply
2/8/19 13:42	0:01	SMRR	0.025	0.869	Oversupply
2/8/19 13:43	0:01	KS	0.029	1.022	Oversupply
2/8/19 13:43	0:01	SMRR	0.025	1.623	Oversupply
2/8/19 13:44	0:01	KS	0.029	1.347	Oversupply
2/8/19 13:44	0:01	SMRR	0.025	1.297	Oversupply
2/8/19 13:44	0:01	KS	0.015	1.518	Oversupply
2/8/19 13:45	0:01	SMRR	0.012	1.885	Oversupply
2/8/19 13:45	0:01	KS	0.013	1.987	Oversupply
2/8/19 13:45	0:01	SMRR	0.012	2.152	Oversupply
2/8/19 13:46	0:01	SMRR	0.012	1.665	Oversupply
2/8/19 13:46	0:01	KS	0.013	2.190	Oversupply
2/8/19 13:47	0:01	KS	0.013	1.849	Oversupply
2/8/19 13:48	0:01	SMRR	0.012	2.716	Oversupply
2/8/19 13:48	0:01	KS	0.013	2.989	Oversupply
2/8/19 13:48	0:01	SMRR	0.012	2.462	Oversupply
2/8/19 13:49	0:01	KS	0.012	2.588	Oversupply
2/8/19 13:49	0:01	SMRR	0.012	2.010	Oversupply
2/8/19 13:50	0:01	KS	0.013	2.306	Oversupply
2/8/19 13:50	0:01	SMRR	0.012	2.267	Oversupply
2/8/19 13:50	0:01	KS	0.013	2.323	Oversupply
2/8/19 13:51	0:01	KS	0.013	2.800	Oversupply
2/8/19 13:51	0:01	SMRR	0.012	2.642	Oversupply
2/8/19 13:52	0:01	SMRR	0.012	1.812	Oversupply
2/8/19 13:52	0:01	KS	0.013	2.455	Oversupply
2/8/19 13:53	0:01	SMRR	0.012	2.485	Oversupply
2/8/19 13:53	0:01	KS	0.013	1.951	Oversupply
2/8/19 13:54	0:01	SMRR	0.012	2.490	Oversupply
2/8/19 13:54	0:01	KS	0.013	2.364	Oversupply
2/8/19 13:54	0:01	SMRR	0.012	2.336	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/8/19 13:55	0:01	KS	0.013	2.323	Oversupply
2/8/19 13:55	0:01	SMRR	0.012	2.067	Oversupply
2/8/19 13:56	0:01	KS	0.013	2.290	Oversupply
2/8/19 13:56	0:01	SMRR	0.012	1.902	Oversupply
2/8/19 13:57	0:01	KS	0.013	1.907	Oversupply
2/8/19 13:57	0:01	SMRR	0.012	1.297	Oversupply
2/8/19 13:57	0:01	KS	0.013	1.481	Oversupply
2/8/19 13:58	0:01	SMRR	0.012	0.669	Oversupply
2/8/19 13:58	0:02	KWPPII	0.017	16.707	Oversupply
2/8/19 13:58	0:01	KS	0.013	0.739	Oversupply
2/8/19 13:58	0:01	SMRR	0.012	0.163	Oversupply
2/8/19 13:59	0:01	SMRR	0.018	0.235	Oversupply
2/8/19 13:59	0:01	KS	0.025	0.158	Oversupply
2/8/19 14:00	0:02	SMRR	0.050	0.023	Oversupply
2/8/19 14:00	0:01	KS	0.035	0.103	Oversupply
2/8/19 14:01	0:02	KS	0.068	0.031	Oversupply
2/8/19 14:01	0:01	SMRR	0.024	0.309	Oversupply
2/8/19 14:02	0:01	SMRR	0.025	0.639	Oversupply
2/8/19 14:03	0:01	KS	0.035	-0.002	Oversupply
2/8/19 14:03	0:01	SMRR	0.025	1.453	Oversupply
2/8/19 14:03	0:01	KS	0.033	-0.002	Oversupply
2/8/19 14:04	0:01	SMRR	0.025	1.835	Oversupply
2/8/19 14:04	0:01	KS	0.035	-0.002	Oversupply
2/8/19 14:04	0:01	SMRR	0.024	1.313	Oversupply
2/8/19 14:05	0:01	KS	0.035	-0.002	Oversupply
2/8/19 14:05	0:01	SMRR	0.025	1.481	Oversupply
2/8/19 14:06	0:01	SMRR	0.025	0.881	Oversupply
2/8/19 14:06	0:01	KS	0.035	0.021	Oversupply
2/8/19 14:07	0:01	SMRR	0.025	0.072	Oversupply
2/8/19 14:07	0:01	KS	0.035	0.333	Oversupply
2/8/19 14:07	0:01	SMRR	0.025	0.363	Oversupply
2/8/19 14:08	0:01	KS	0.035	0.829	Oversupply
2/8/19 14:08	0:01	SMRR	0.024	0.355	Oversupply
2/8/19 14:09	0:01	KWPPII	0.035	17.506	Oversupply
2/8/19 14:09	0:01	KS	0.035	0.920	Oversupply
2/8/19 14:09	0:01	SMRR	0.025	0.110	Oversupply
2/8/19 14:09	0:01	KS	0.035	0.091	Oversupply
2/8/19 14:10	0:01	SMRR	0.025	0.175	Oversupply
2/8/19 14:10	0:01	KS	0.035	0.533	Oversupply
2/8/19 14:11	0:01	SMRR	0.024	0.017	Oversupply
2/8/19 14:11	0:01	KS	0.033	0.091	Oversupply
2/8/19 14:11	0:01	SMRR	0.025	0.889	Oversupply
2/8/19 14:12	0:01	SMRR	0.025	1.586	Oversupply
2/8/19 14:12	0:01	KS	0.035	1.104	Oversupply
2/8/19 14:13	0:01	SMRR	0.025	2.019	Oversupply
2/8/19 14:13	0:01	KS	0.035	1.596	Oversupply
2/8/19 14:14	0:07	BS250	Data is not available	Data is not available	Oversupply
2/8/19 14:14	0:01	SMRR	0.024	2.154	Oversupply
2/8/19 14:14	0:01	KS	0.035	1.975	Oversupply
2/8/19 14:14	0:01	SMRR	0.030	1.230	Oversupply
2/8/19 14:15	0:07	KWPPII	0.030	18.201	Oversupply
2/8/19 14:15	0:01	KS	0.040	1.526	Oversupply
2/8/19 14:15	0:01	SMRR	0.033	0.256	Oversupply
2/8/19 14:15	0:01	KS	0.040	0.713	Oversupply
2/8/19 14:16	0:07	SMRR	0.299	0.039	Oversupply
2/8/19 14:16	0:01	KS	0.040	0.106	Oversupply
2/8/19 14:17	0:06	KS	0.277	-0.002	Oversupply
2/8/19 14:23	0:01	SMRR	0.033	0.126	Oversupply
2/8/19 14:23	0:01	KS	0.040	-0.002	Oversupply
2/8/19 14:23	0:01	SMRR	0.033	0.399	Oversupply
2/8/19 14:24	0:01	KS	0.040	-0.002	Oversupply
2/8/19 14:24	0:01	SMRR	0.033	0.781	Oversupply
2/8/19 14:25	0:01	SMRR	0.033	0.670	Oversupply
2/8/19 14:25	0:01	KS	0.040	-0.002	Oversupply
2/8/19 14:26	0:01	SMRR	0.033	0.564	Oversupply
2/8/19 14:26	0:01	KS	0.040	-0.002	Oversupply
2/8/19 14:27	0:01	SMRR	0.033	0.271	Oversupply
2/8/19 14:27	0:01	KS	0.040	-0.002	Oversupply
2/8/19 14:27	0:01	SMRR	0.033	0.279	Oversupply
2/8/19 14:28	0:01	KS	0.040	-0.002	Oversupply
2/8/19 14:28	0:01	SMRR	0.033	0.114	Oversupply
2/8/19 14:28	0:01	KS	0.038	0.102	Oversupply
2/8/19 14:29	0:01	SMRR	0.031	0.021	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/8/19 14:29	0:01	KS	0.022	0.361	Oversupply
2/8/19 14:30	0:01	SMRR	0.013	0.744	Oversupply
2/8/19 14:30	0:01	KS	0.017	0.634	Oversupply
2/8/19 14:30	0:01	SMRR	0.013	0.656	Oversupply
2/8/19 14:31	0:01	KS	0.017	1.525	Oversupply
2/8/19 14:31	0:01	SMRR	0.013	1.699	Oversupply
2/8/19 14:32	0:01	SMRR	0.013	2.160	Oversupply
2/8/19 14:32	0:01	KS	0.017	1.454	Oversupply
2/8/19 14:33	0:01	SMRR	0.013	2.459	Oversupply
2/8/19 14:33	0:01	KS	0.017	2.056	Oversupply
2/8/19 14:34	0:01	KS	0.017	2.147	Oversupply
2/8/19 14:34	0:01	SMRR	0.013	2.619	Oversupply
2/8/19 14:35	0:01	KS	0.017	2.270	Oversupply
2/8/19 14:35	0:01	SMRR	0.013	1.626	Oversupply
2/8/19 14:35	0:01	KS	0.017	1.629	Oversupply
2/8/19 14:36	0:01	SMRR	0.013	0.530	Oversupply
2/8/19 14:36	0:01	KS	0.017	0.635	Oversupply
2/8/19 14:36	0:01	SMRR	0.013	0.177	Oversupply
2/8/19 14:37	0:01	KS	0.017	0.206	Oversupply
2/8/19 14:37	0:01	SMRR	0.013	0.422	Oversupply
2/8/19 14:38	0:01	KS	0.017	1.422	Oversupply
2/8/19 14:39	0:01	SMRR	0.013	1.982	Oversupply
2/8/19 14:39	0:01	KS	0.016	1.725	Oversupply
2/8/19 14:40	0:01	KS	0.017	1.756	Oversupply
2/8/19 14:40	0:01	SMRR	0.013	2.410	Oversupply
2/8/19 14:44	0:01	KS	0.010	2.886	Oversupply
2/9/19 2:13	0:01	KWPPII	0.015	12.928	Oversupply
2/9/19 2:20	0:01	KWPPII	0.015	14.089	Oversupply
2/9/19 2:28	0:23	KWPPII	0.014	19.793	Oversupply
2/9/19 3:01	0:14	KWPPII	0.015	19.477	Oversupply
2/9/19 3:38	0:14	KWPPII	0.015	15.301	Oversupply
2/9/19 3:53	0:01	KWPPII	0.015	12.120	Oversupply
2/9/19 4:47	0:14	KWPPII	0.014	19.376	Oversupply
2/9/19 11:28	0:01	KWPPII	0.015	0.017	Oversupply
2/9/19 12:03	0:01	AWE	0.015	0.200	Oversupply
2/9/19 14:40	0:01	SMRR	0.003	0.995	Oversupply
2/9/19 14:41	0:01	SMRR	0.003	1.713	Oversupply
2/9/19 14:41	0:01	KS	0.003	2.497	Oversupply
2/9/19 14:41	0:01	SMRR	0.003	0.744	Oversupply
2/9/19 14:42	0:01	KS	0.003	1.745	Oversupply
2/9/19 14:42	0:01	SMRR	0.003	0.659	Oversupply
2/9/19 14:43	0:01	KS	0.003	2.221	Oversupply
2/9/19 14:43	0:01	SMRR	0.003	0.648	Oversupply
2/9/19 14:43	0:01	KS	0.003	1.854	Oversupply
2/9/19 14:44	0:01	SMRR	0.003	0.664	Oversupply
2/9/19 14:44	0:01	KS	0.001	1.894	Oversupply
2/9/19 14:45	0:01	SMRR	0.007	0.610	Oversupply
2/9/19 14:46	0:01	SMRR	0.007	0.594	Oversupply
2/9/19 14:46	0:01	KS	0.010	1.974	Oversupply
2/9/19 14:54	0:01	SMRR	0.007	1.779	Oversupply
2/9/19 14:54	0:01	SMRR	0.007	1.342	Oversupply
2/9/19 14:55	0:01	KS	0.010	1.829	Oversupply
2/9/19 14:55	0:01	SMRR	0.007	1.181	Oversupply
2/9/19 14:55	0:01	KS	0.010	1.683	Oversupply
2/9/19 14:56	0:01	SMRR	0.007	0.655	Oversupply
2/9/19 14:56	0:01	KS	0.010	0.923	Oversupply
2/9/19 14:57	0:01	SMRR	0.007	0.526	Oversupply
2/9/19 14:57	0:01	KS	0.010	0.268	Oversupply
2/9/19 14:57	0:01	SMRR	0.007	0.387	Oversupply
2/9/19 14:58	0:01	SMRR	0.007	1.114	Oversupply
2/9/19 14:58	0:01	KS	0.010	0.286	Oversupply
2/9/19 14:59	0:01	KS	0.013	0.914	Oversupply
2/9/19 15:01	0:01	KS	0.021	2.187	Oversupply
2/9/19 15:03	0:01	KS	0.021	2.419	Oversupply
2/9/19 15:04	0:01	SMRR	0.010	1.097	Oversupply
2/9/19 15:05	0:01	SMRR	0.010	0.534	Oversupply
2/9/19 15:05	0:01	KS	0.021	1.751	Oversupply
2/9/19 15:06	0:01	SMRR	0.010	0.170	Oversupply
2/9/19 15:06	0:01	KS	0.021	0.653	Oversupply
2/9/19 15:06	0:01	SMRR	0.010	0.610	Oversupply
2/9/19 15:07	0:01	KS	0.021	0.236	Oversupply
2/9/19 15:07	0:01	SMRR	0.010	0.974	Oversupply
2/9/19 15:08	0:01	KWPPII	0.019	8.157	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/9/19 15:08	0:01	KS	0.021	0.807	Oversupply
2/9/19 15:08	0:01	SMRR	0.010	0.521	Oversupply
2/9/19 15:08	0:01	KS	0.020	0.798	Oversupply
2/9/19 15:09	0:01	SMRR	0.010	0.116	Oversupply
2/9/19 15:09	0:01	KS	0.021	0.431	Oversupply
2/9/19 15:10	0:01	SMRR	0.010	0.015	Oversupply
2/9/19 15:10	0:01	KS	0.021	0.030	Oversupply
2/9/19 15:10	0:01	SMRR	0.010	0.249	Oversupply
2/9/19 15:11	0:01	KS	0.021	0.653	Oversupply
2/9/19 15:11	0:01	SMRR	0.010	0.307	Oversupply
2/9/19 15:12	0:01	KS	0.021	1.440	Oversupply
2/9/19 15:14	0:01	SMRR	0.012	0.280	Oversupply
2/9/19 15:15	0:01	SMRR	0.013	0.314	Oversupply
2/9/19 15:15	0:01	KS	0.033	1.123	Oversupply
2/9/19 15:16	0:01	SMRR	0.013	0.563	Oversupply
2/9/19 15:16	0:01	KS	0.033	0.770	Oversupply
2/9/19 15:16	0:01	SMRR	0.013	0.371	Oversupply
2/9/19 15:17	0:22	BS250	Data is not available	Data is not available	Oversupply
2/9/19 15:17	0:01	KS	0.033	0.591	Oversupply
2/9/19 15:17	0:01	SMRR	0.013	0.680	Oversupply
2/9/19 15:18	0:21	KWP2	0.012	17.705	Oversupply
2/9/19 15:18	0:01	SMRR	0.013	0.655	Oversupply
2/9/19 15:18	0:01	KS	0.033	1.067	Oversupply
2/9/19 15:19	0:01	SMRR	0.013	0.753	Oversupply
2/9/19 15:19	0:01	KS	0.033	0.437	Oversupply
2/9/19 15:19	0:21	SMRR	0.304	0.017	Oversupply
2/9/19 15:20	0:22	KS	0.844	0.454	Oversupply
2/9/19 15:41	0:01	KS	0.034	0.045	Oversupply
2/9/19 15:55	0:01	SMRR	0.005	2.237	Oversupply
2/9/19 15:55	0:01	SMRR	0.005	1.821	Oversupply
2/9/19 15:56	0:01	KS	0.028	0.072	Oversupply
2/9/19 15:56	0:01	SMRR	0.005	0.644	Oversupply
2/9/19 15:57	0:01	KS	0.028	0.094	Oversupply
2/9/19 15:57	0:01	SMRR	0.005	1.298	Oversupply
2/9/19 15:58	0:01	KS	0.027	0.080	Oversupply
2/9/19 16:27	0:01	SMRR	0.004	1.464	Oversupply
2/9/19 16:28	0:01	KWP2	0.007	12.686	Oversupply
2/9/19 16:28	0:16	SMRR	0.172	1.358	Oversupply
2/9/19 16:29	0:13	BS250	Data is not available	Data is not available	Oversupply
2/9/19 16:30	0:11	KWP2	0.007	17.331	Oversupply
2/9/19 16:42	0:01	KWP2	0.007	17.773	Oversupply
2/10/19 0:38	0:17	KWP2	0.011	13.828	Oversupply
2/10/19 0:42	0:03	AWE	0.011	15.500	Oversupply
2/10/19 0:47	0:04	AWE	0.197	16.700	Oversupply
2/10/19 0:57	0:05	KWP2	0.016	10.103	Oversupply
2/10/19 1:15	0:06	KWP2	0.033	4.286	Oversupply
2/10/19 1:22	0:05	KWP2	0.016	7.267	Oversupply
2/10/19 1:28	0:02	KWP2	0.455	6.964	Oversupply
2/10/19 1:32	0:01	KWP2	0.020	7.950	Oversupply
2/10/19 2:05	0:02	KWP2	0.147	5.189	Oversupply
2/10/19 2:11	0:02	KWP2	0.010	3.480	Oversupply
2/10/19 2:15	0:14	KWP2	0.010	4.129	Oversupply
2/10/19 2:19	0:03	AWE	0.010	17.700	Oversupply
2/10/19 2:32	0:25	KWP2	0.010	5.652	Oversupply
2/10/19 2:40	0:02	AWE	0.004	15.400	Oversupply
2/10/19 2:49	0:05	AWE	0.006	17.600	Oversupply
2/10/19 2:56	0:01	AWE	0.006	14.300	Oversupply
2/10/19 2:58	0:20	KWP2	0.006	3.171	Oversupply
2/10/19 3:05	0:02	AWE	0.087	18.300	Oversupply
2/10/19 3:12	0:01	AWE	0.007	19.200	Oversupply
2/10/19 3:19	0:04	AWE	0.001	19.000	Oversupply
2/10/19 3:19	0:07	KWP2	0.001	0.894	Oversupply
2/10/19 3:25	0:01	AWE	0.001	18.400	Oversupply
2/10/19 3:27	0:03	KWP2	0.018	0.362	Oversupply
2/10/19 3:28	0:01	AWE	0.018	17.700	Oversupply
2/10/19 3:31	0:04	AWE	0.018	19.000	Oversupply
2/10/19 3:31	0:27	KWP2	0.018	1.264	Oversupply
2/10/19 3:36	0:07	AWE	0.018	18.900	Oversupply
2/10/19 3:44	0:03	AWE	1.540	18.200	Oversupply
2/10/19 3:48	0:10	AWE	0.025	18.600	Oversupply
2/10/19 4:00	0:01	KWP2	0.025	1.359	Oversupply
2/10/19 4:12	0:01	KWP2	0.025	2.831	Oversupply
2/10/19 4:39	0:01	KWP2	0.025	4.868	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/10/19 4:42	0:06	KWP	0.025	4.869	Oversupply
2/10/19 4:54	0:01	KWP	0.025	2.470	Oversupply
2/10/19 5:18	0:04	KWP	0.010	5.933	Oversupply
2/10/19 6:40	0:15	KWP	0.010	18.259	Oversupply
2/10/19 7:14	0:32	BS250	Data is not available	Data is not available	Oversupply
2/10/19 7:15	0:31	KWP	0.010	16.020	Oversupply
2/10/19 7:15	0:41	SMRR	0.039	0.013	Oversupply
2/10/19 7:16	0:41	KS	0.049	0.001	Oversupply
2/10/19 7:47	0:07	BS250	Data is not available	Data is not available	Oversupply
2/10/19 7:47	0:08	KWP	0.010	13.782	Oversupply
2/10/19 8:10	0:01	SMRR	0.001	0.164	Oversupply
2/10/19 8:25	0:26	BS250	Data is not available	Data is not available	Oversupply
2/10/19 8:25	0:01	SMRR	0.001	0.241	Oversupply
2/10/19 8:26	0:01	SMRR	0.001	0.138	Oversupply
2/10/19 8:27	0:25	KWP	0.010	19.210	Oversupply
2/10/19 8:27	0:01	SMRR	0.001	0.028	Oversupply
2/10/19 8:28	0:26	KS	0.058	0.247	Oversupply
2/10/19 8:28	0:25	SMRR	0.086	0.012	Oversupply
2/10/19 8:53	0:01	KS	0.003	0.117	Oversupply
2/10/19 8:58	0:02	SMRR	0.003	0.003	Oversupply
2/10/19 8:59	0:01	KS	0.003	0.029	Oversupply
2/10/19 8:59	0:01	SMRR	0.001	0.094	Oversupply
2/10/19 8:59	0:01	KS	0.004	0.089	Oversupply
2/10/19 9:00	0:01	KS	0.003	0.089	Oversupply
2/10/19 9:01	0:01	SMRR	0.004	0.122	Oversupply
2/10/19 9:02	0:48	BS250	Data is not available	Data is not available	Oversupply
2/10/19 9:02	0:01	SMRR	0.004	0.248	Oversupply
2/10/19 9:02	0:01	KS	0.003	0.334	Oversupply
2/10/19 9:03	0:48	KWP	0.026	19.210	Oversupply
2/10/19 9:03	0:01	SMRR	0.004	0.191	Oversupply
2/10/19 9:04	0:01	KS	0.003	0.380	Oversupply
2/10/19 9:04	0:48	SMRR	0.304	0.004	Oversupply
2/10/19 9:05	0:48	KS	0.304	0.011	Oversupply
2/10/19 9:58	1:30	BS250	Data is not available	Data is not available	Oversupply
2/10/19 10:00	1:29	KWP	0.031	19.211	Oversupply
2/10/19 10:00	0:01	SMRR	0.008	0.133	Oversupply
2/10/19 10:00	1:29	SMRR	1.502	0.005	Oversupply
2/10/19 10:01	1:30	KS	0.705	0.746	Oversupply
2/10/19 11:44	1:13	BS250	Data is not available	Data is not available	Oversupply
2/10/19 11:45	0:01	SMRR	0.008	-0.002	Oversupply
2/10/19 11:46	1:11	KWP	0.031	19.211	Oversupply
2/10/19 11:46	1:13	SMRR	0.673	-0.002	Oversupply
2/10/19 11:46	0:01	KS	0.007	0.178	Oversupply
2/10/19 11:47	1:13	KS	1.205	0.002	Oversupply
2/10/19 12:26	0:01	AWE	0.011	11.600	Oversupply
2/10/19 12:45	0:06	AWE	0.012	13.400	Oversupply
2/10/19 12:52	0:01	AWE	0.012	11.200	Oversupply
2/10/19 12:58	4:06	BS250	Data is not available	Data is not available	Oversupply
2/10/19 12:59	4:06	KWP	0.012	19.211	Oversupply
2/10/19 13:01	4:06	SMRR	4.477	0.002	Oversupply
2/10/19 13:01	3:12	KS	6.475	0.055	Oversupply
2/10/19 13:06	0:14	AWE	0.012	13.100	Oversupply
2/10/19 13:22	0:20	AWE	0.011	13.100	Oversupply
2/10/19 13:43	0:33	AWE	0.003	13.900	Oversupply
2/10/19 13:50	0:03	5A	Data is not available	Data is not available	Oversupply
2/10/19 13:50	0:03	BS	Data is not available	Data is not available	Oversupply
2/10/19 13:51	0:01	KWP	0.003	12.791	Oversupply
2/10/19 13:56	0:01	KWP	0.006	13.266	Oversupply
2/10/19 13:57	0:04	5A	Data is not available	Data is not available	Oversupply
2/10/19 13:57	0:04	BS	Data is not available	Data is not available	Oversupply
2/10/19 14:17	2:28	AWE	0.006	14.700	Oversupply
2/10/19 14:39	0:13	5A	Data is not available	Data is not available	Oversupply
2/10/19 14:39	0:13	BS	Data is not available	Data is not available	Oversupply
2/10/19 14:41	0:01	KWP	0.006	14.004	Oversupply
2/10/19 14:43	0:03	KWP	0.006	11.051	Oversupply
2/10/19 14:48	0:02	KWP	0.006	3.508	Oversupply
2/10/19 14:56	0:06	5A	Data is not available	Data is not available	Oversupply
2/10/19 14:56	0:06	BS	Data is not available	Data is not available	Oversupply
2/10/19 14:57	0:02	KWP	0.006	6.409	Oversupply
2/10/19 15:03	0:01	5A	Data is not available	Data is not available	Oversupply
2/10/19 15:03	0:01	BS	Data is not available	Data is not available	Oversupply
2/10/19 15:05	0:01	5A	Data is not available	Data is not available	Oversupply
2/10/19 15:05	0:01	BS	Data is not available	Data is not available	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/10/19 15:06	0:01	KWP	0.003	2.875	Oversupply
2/10/19 15:12	0:01	5A	Data is not available	Data is not available	Oversupply
2/10/19 15:12	0:01	BS	Data is not available	Data is not available	Oversupply
2/10/19 15:15	0:05	5A	Data is not available	Data is not available	Oversupply
2/10/19 15:15	0:05	BS	Data is not available	Data is not available	Oversupply
2/10/19 15:30	0:05	5A	Data is not available	Data is not available	Oversupply
2/10/19 15:30	0:05	BS	Data is not available	Data is not available	Oversupply
2/10/19 15:31	0:02	KWP	0.005	13.741	Oversupply
2/10/19 15:42	0:09	5A	Data is not available	Data is not available	Oversupply
2/10/19 15:42	0:09	BS	Data is not available	Data is not available	Oversupply
2/10/19 15:43	0:01	KWP	0.005	15.956	Oversupply
2/10/19 15:46	0:01	KWP	0.005	14.110	Oversupply
2/10/19 15:49	0:01	KWP	0.005	14.848	Oversupply
2/10/19 15:53	0:05	5A	Data is not available	Data is not available	Oversupply
2/10/19 15:53	0:05	BS	Data is not available	Data is not available	Oversupply
2/10/19 15:58	0:01	KWP	0.006	16.220	Oversupply
2/10/19 15:59	0:07	5A	Data is not available	Data is not available	Oversupply
2/10/19 15:59	0:07	BS	Data is not available	Data is not available	Oversupply
2/10/19 16:03	0:01	KWP	0.932	16.378	Oversupply
2/10/19 16:07	0:01	5A	Data is not available	Data is not available	Oversupply
2/10/19 16:07	0:01	BS	Data is not available	Data is not available	Oversupply
2/10/19 16:51	0:02	AWE	0.028	11.400	Oversupply
2/10/19 16:54	0:01	AWE	0.020	11.400	Oversupply
2/10/19 16:59	0:02	AWE	0.012	11.700	Oversupply
2/10/19 17:06	0:16	BS250	Data is not available	Data is not available	Oversupply
2/10/19 17:07	0:16	KWP11	0.012	19.211	Oversupply
2/10/19 17:08	0:16	SMRR	0.116	0.379	Oversupply
2/10/19 18:31	0:02	KWP11	0.012	17.757	Oversupply
2/10/19 18:49	0:01	KWP11	0.012	18.637	Oversupply
2/10/19 18:52	0:01	KWP11	0.012	18.668	Oversupply
2/10/19 18:55	0:01	KWP11	0.012	19.051	Oversupply
2/10/19 19:16	0:01	KWP11	0.012	18.832	Oversupply
2/10/19 22:08	0:09	KWP11	0.012	19.023	Oversupply
2/10/19 22:21	0:03	KWP11	0.014	18.889	Oversupply
2/10/19 22:25	0:02	KWP11	0.007	18.722	Oversupply
2/10/19 22:29	0:15	KWP11	0.008	18.222	Oversupply
2/10/19 22:49	0:01	KWP11	0.008	12.352	Oversupply
2/11/19 9:03	0:01	KWP11	0.008	0.035	Oversupply
2/11/19 9:56	0:01	SMRR	0.002	2.089	Oversupply
2/11/19 9:57	0:01	KS	0.000	2.031	Oversupply
2/11/19 9:57	0:01	SMRR	0.002	1.297	Oversupply
2/11/19 9:58	0:01	KS	0.000	1.582	Oversupply
2/11/19 9:58	0:01	SMRR	0.002	1.091	Oversupply
2/11/19 9:58	0:01	SMRR	0.002	1.042	Oversupply
2/11/19 9:59	0:01	KS	0.000	1.108	Oversupply
2/11/19 9:59	0:01	SMRR	0.013	1.221	Oversupply
2/11/19 9:59	0:01	KS	0.020	0.978	Oversupply
2/11/19 10:00	0:11	5A	Data is not available	Data is not available	Oversupply
2/11/19 10:00	0:11	BS	Data is not available	Data is not available	Oversupply
2/11/19 10:00	0:11	BS250	Data is not available	Data is not available	Oversupply
2/11/19 10:00	0:01	SMRR	0.026	1.016	Oversupply
2/11/19 10:00	0:01	KS	0.026	0.970	Oversupply
2/11/19 10:01	0:10	AWE	0.004	0.700	Oversupply
2/11/19 10:01	0:10	KWP	0.004	0.185	Oversupply
2/11/19 10:01	0:01	SMRR	0.027	0.535	Oversupply
2/11/19 10:01	0:01	KS	0.026	0.713	Oversupply
2/11/19 10:02	0:01	SMRR	0.026	0.281	Oversupply
2/11/19 10:02	0:01	KS	0.026	0.356	Oversupply
2/11/19 10:02	0:11	SMRR	0.370	0.035	Oversupply
2/11/19 10:03	0:10	KS	0.309	0.027	Oversupply
2/11/19 10:13	0:01	SMRR	0.027	0.258	Oversupply
2/11/19 10:13	0:01	KS	0.026	0.046	Oversupply
2/11/19 10:14	0:01	SMRR	0.026	0.185	Oversupply
2/11/19 10:14	0:01	KS	0.019	0.282	Oversupply
2/11/19 10:15	0:01	SMRR	0.014	0.340	Oversupply
2/11/19 10:15	0:01	KS	0.013	0.351	Oversupply
2/11/19 10:15	0:01	SMRR	0.014	0.263	Oversupply
2/11/19 10:16	0:01	KS	0.013	0.454	Oversupply
2/11/19 10:16	0:01	SMRR	0.014	0.620	Oversupply
2/11/19 10:17	0:01	KS	0.013	0.366	Oversupply
2/11/19 10:17	0:01	SMRR	0.014	1.221	Oversupply
2/11/19 10:17	0:01	KS	0.013	1.105	Oversupply
2/11/19 10:18	0:01	SMRR	0.013	1.714	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/11/19 10:18	0:01	SMRR	0.014	1.061	Oversupply
2/11/19 10:18	0:01	KS	0.013	1.550	Oversupply
2/11/19 10:19	0:01	SMRR	0.014	1.662	Oversupply
2/11/19 10:19	0:01	KS	0.013	0.952	Oversupply
2/11/19 10:20	0:01	SMRR	0.014	1.465	Oversupply
2/11/19 10:20	0:01	KS	0.013	1.628	Oversupply
2/11/19 10:21	0:01	SMRR	0.013	1.674	Oversupply
2/11/19 10:21	0:01	KS	0.013	1.640	Oversupply
2/11/19 10:21	0:01	SMRR	0.014	1.804	Oversupply
2/11/19 10:22	0:01	KS	0.013	1.649	Oversupply
2/11/19 10:22	0:01	SMRR	0.014	1.731	Oversupply
2/11/19 10:23	0:01	KS	0.013	1.668	Oversupply
2/11/19 10:23	0:01	SMRR	0.014	1.977	Oversupply
2/11/19 10:24	0:01	KS	0.013	1.679	Oversupply
2/11/19 10:24	0:01	SMRR	0.013	1.955	Oversupply
2/11/19 10:24	0:01	SMRR	0.014	1.712	Oversupply
2/11/19 10:24	0:01	KS	0.013	2.097	Oversupply
2/11/19 10:25	0:01	SMRR	0.014	1.228	Oversupply
2/11/19 10:25	0:01	KS	0.013	1.850	Oversupply
2/11/19 10:26	0:02	SMRR	0.027	1.150	Oversupply
2/11/19 10:26	0:01	KS	0.013	1.457	Oversupply
2/11/19 10:27	0:01	KS	0.013	1.306	Oversupply
2/11/19 10:28	0:01	SMRR	0.014	1.122	Oversupply
2/11/19 10:28	0:01	KS	0.013	1.224	Oversupply
2/11/19 10:28	0:01	SMRR	0.014	1.218	Oversupply
2/11/19 10:29	0:01	KS	0.014	0.849	Oversupply
2/11/19 10:29	0:01	SMRR	0.017	1.376	Oversupply
2/11/19 10:30	0:01	KS	0.027	1.283	Oversupply
2/11/19 10:30	0:01	SMRR	0.026	0.927	Oversupply
2/11/19 10:31	0:01	KS	0.027	0.905	Oversupply
2/11/19 10:31	0:01	SMRR	0.026	0.993	Oversupply
2/11/19 10:31	0:01	SMRR	0.026	1.030	Oversupply
2/11/19 10:31	0:01	KS	0.027	1.007	Oversupply
2/11/19 10:32	0:01	SMRR	0.025	1.265	Oversupply
2/11/19 10:32	0:01	KS	0.027	1.248	Oversupply
2/11/19 10:33	0:01	SMRR	0.026	1.079	Oversupply
2/11/19 10:33	0:01	KS	0.026	1.192	Oversupply
2/11/19 10:34	0:01	SMRR	0.026	0.834	Oversupply
2/11/19 10:34	0:01	KS	0.027	1.197	Oversupply
2/11/19 10:34	0:01	SMRR	0.025	0.844	Oversupply
2/11/19 10:35	0:01	AWE	0.032	0.900	Oversupply
2/11/19 10:35	0:01	KWP	0.033	0.056	Oversupply
2/11/19 10:35	0:01	KS	0.027	0.692	Oversupply
2/11/19 10:35	0:01	SMRR	0.026	0.661	Oversupply
2/11/19 10:36	0:01	KS	0.027	0.750	Oversupply
2/11/19 10:36	0:01	SMRR	0.026	0.306	Oversupply
2/11/19 10:37	0:01	KS	0.027	0.568	Oversupply
2/11/19 10:37	0:01	SMRR	0.026	0.018	Oversupply
2/11/19 10:37	0:02	SMRR	0.051	0.273	Oversupply
2/11/19 10:37	0:01	KS	0.027	0.038	Oversupply
2/11/19 10:38	0:01	KS	0.027	0.260	Oversupply
2/11/19 10:39	0:35	BS250	Data is not available	Data is not available	Oversupply
2/11/19 10:39	0:01	SMRR	0.025	0.063	Oversupply
2/11/19 10:39	0:01	KS	0.027	0.244	Oversupply
2/11/19 10:40	0:01	KWP	0.013	0.163	Oversupply
2/11/19 10:40	0:32	AWE	0.013	1.400	Oversupply
2/11/19 10:40	0:01	SMRR	0.026	0.398	Oversupply
2/11/19 10:40	0:01	KS	0.026	0.173	Oversupply
2/11/19 10:40	0:01	SMRR	0.026	0.381	Oversupply
2/11/19 10:41	0:01	KS	0.027	0.606	Oversupply
2/11/19 10:41	0:32	SMRR	1.346	0.024	Oversupply
2/11/19 10:42	0:33	KS	1.328	0.135	Oversupply
2/11/19 10:47	0:01	KWP	0.002	0.106	Oversupply
2/11/19 10:48	0:06	KWP	0.002	0.185	Oversupply
2/11/19 10:49	0:07	5A	Data is not available	Data is not available	Oversupply
2/11/19 10:49	0:07	BS	Data is not available	Data is not available	Oversupply
2/11/19 11:03	0:01	5A	Data is not available	Data is not available	Oversupply
2/11/19 11:03	0:01	BS	Data is not available	Data is not available	Oversupply
2/11/19 11:05	0:01	KWP	0.012	0.501	Oversupply
2/11/19 11:06	0:04	5A	Data is not available	Data is not available	Oversupply
2/11/19 11:06	0:04	BS	Data is not available	Data is not available	Oversupply
2/11/19 11:08	0:01	KWP	0.013	0.290	Oversupply
2/11/19 11:13	0:01	SMRR	0.033	0.048	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/11/19 11:14	0:01	SMRR	0.031	0.003	Oversupply
2/11/19 11:15	0:02	KS	0.051	0.005	Oversupply
2/11/19 11:15	0:01	SMRR	0.028	0.073	Oversupply
2/11/19 11:16	0:01	SMRR	0.027	0.161	Oversupply
2/11/19 11:16	0:01	KS	0.026	0.325	Oversupply
2/11/19 11:16	0:01	SMRR	0.028	0.608	Oversupply
2/11/19 11:17	0:01	SMRR	0.028	1.012	Oversupply
2/11/19 11:17	0:01	KS	0.026	0.586	Oversupply
2/11/19 11:18	0:01	SMRR	0.028	1.115	Oversupply
2/11/19 11:18	0:01	KS	0.026	0.713	Oversupply
2/11/19 11:19	0:01	SMRR	0.027	1.063	Oversupply
2/11/19 11:19	0:01	KS	0.026	0.275	Oversupply
2/11/19 11:19	0:01	SMRR	0.028	0.686	Oversupply
2/11/19 11:20	0:01	KS	0.026	0.239	Oversupply
2/11/19 11:20	0:01	SMRR	0.028	0.433	Oversupply
2/11/19 11:21	0:01	KS	0.026	0.251	Oversupply
2/11/19 11:21	0:01	SMRR	0.028	0.478	Oversupply
2/11/19 11:22	0:32	BS250	Data is not available	Data is not available	Oversupply
2/11/19 11:22	0:01	KS	0.026	0.331	Oversupply
2/11/19 11:22	0:01	SMRR	0.027	1.240	Oversupply
2/11/19 11:22	0:01	KS	0.026	0.277	Oversupply
2/11/19 11:22	0:01	SMRR	0.028	0.762	Oversupply
2/11/19 11:23	0:24	5A	Data is not available	Data is not available	Oversupply
2/11/19 11:23	0:24	BS	Data is not available	Data is not available	Oversupply
2/11/19 11:23	0:10	AWE	0.008	1.200	Oversupply
2/11/19 11:23	0:01	SMRR	0.028	0.236	Oversupply
2/11/19 11:23	0:01	KS	0.026	0.152	Oversupply
2/11/19 11:24	0:06	KWP	0.021	0.185	Oversupply
2/11/19 11:24	0:31	SMRR	1.142	0.013	Oversupply
2/11/19 11:24	0:01	KS	0.026	0.268	Oversupply
2/11/19 11:25	0:29	KWP	0.036	3.455	Oversupply
2/11/19 11:25	0:31	KS	1.310	0.020	Oversupply
2/11/19 11:31	0:01	KWP	0.036	0.765	Oversupply
2/11/19 11:34	0:04	AWE	0.035	0.600	Oversupply
2/11/19 11:39	0:03	AWE	0.036	0.600	Oversupply
2/11/19 11:41	0:01	KWP	0.319	1.292	Oversupply
2/11/19 11:44	0:04	AWE	0.033	0.300	Oversupply
2/11/19 11:55	0:01	SMRR	0.023	0.264	Oversupply
2/11/19 11:56	0:04	BS250	Data is not available	Data is not available	Oversupply
2/11/19 11:56	0:04	KWP	0.029	5.496	Oversupply
2/11/19 11:56	0:01	SMRR	0.023	0.324	Oversupply
2/11/19 11:56	0:01	KS	0.039	0.422	Oversupply
2/11/19 11:57	0:01	SMRR	0.023	0.280	Oversupply
2/11/19 11:57	0:01	KS	0.039	0.967	Oversupply
2/11/19 11:58	0:08	SMRR	0.244	0.003	Oversupply
2/11/19 11:58	0:01	KS	0.039	0.983	Oversupply
2/11/19 11:59	0:09	KS	0.327	0.021	Oversupply
2/11/19 12:01	0:03	KWP	0.029	5.850	Oversupply
2/11/19 12:04	0:01	BS250	Data is not available	Data is not available	Oversupply
2/11/19 12:05	0:01	SMRR	0.025	0.207	Oversupply
2/11/19 12:06	0:01	BS250	Data is not available	Data is not available	Oversupply
2/11/19 12:06	0:01	KWP	0.032	6.481	Oversupply
2/11/19 12:06	0:01	SMRR	0.025	0.004	Oversupply
2/11/19 12:07	0:01	SMRR	0.025	0.181	Oversupply
2/11/19 12:07	0:01	KS	0.032	0.154	Oversupply
2/11/19 12:08	0:01	SMRR	0.025	0.002	Oversupply
2/11/19 12:08	0:01	KS	0.032	0.012	Oversupply
2/11/19 12:08	0:01	SMRR	0.025	0.092	Oversupply
2/11/19 12:09	0:01	SMRR	0.025	0.716	Oversupply
2/11/19 12:09	0:01	KS	0.032	0.101	Oversupply
2/11/19 12:10	0:01	SMRR	0.025	0.783	Oversupply
2/11/19 12:10	0:01	KS	0.032	2.499	Oversupply
2/11/19 12:11	0:01	SMRR	0.025	0.832	Oversupply
2/11/19 12:11	0:01	KS	0.032	2.371	Oversupply
2/11/19 12:11	0:01	SMRR	0.026	0.658	Oversupply
2/11/19 12:12	0:01	KS	0.032	1.522	Oversupply
2/11/19 12:12	0:01	SMRR	0.025	0.514	Oversupply
2/11/19 12:13	0:01	KS	0.032	1.158	Oversupply
2/11/19 12:13	0:01	SMRR	0.025	0.174	Oversupply
2/11/19 12:13	0:01	KS	0.032	0.468	Oversupply
2/11/19 12:14	0:01	SMRR	0.025	0.209	Oversupply
2/11/19 12:14	0:01	KS	0.035	0.732	Oversupply
2/11/19 12:14	0:01	SMRR	0.024	0.019	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/11/19 12:15	0:01	KS	0.037	0.121	Oversupply
2/11/19 12:15	0:01	SMRR	0.019	0.314	Oversupply
2/11/19 12:16	0:01	SMRR	0.019	0.565	Oversupply
2/11/19 12:16	0:01	KS	0.037	0.435	Oversupply
2/11/19 12:17	0:01	SMRR	0.019	0.526	Oversupply
2/11/19 12:17	0:01	KS	0.037	0.609	Oversupply
2/11/19 12:18	0:04	BS250	Data is not available	Data is not available	Oversupply
2/11/19 12:18	0:01	SMRR	0.019	0.048	Oversupply
2/11/19 12:18	0:01	KS	0.037	0.610	Oversupply
2/11/19 12:18	0:01	SMRR	0.019	0.301	Oversupply
2/11/19 12:19	0:04	KWPPII	0.011	5.941	Oversupply
2/11/19 12:19	0:01	KS	0.036	0.033	Oversupply
2/11/19 12:19	0:01	SMRR	0.019	0.246	Oversupply
2/11/19 12:19	0:01	KS	0.037	0.895	Oversupply
2/11/19 12:20	0:05	SMRR	0.115	0.121	Oversupply
2/11/19 12:20	0:01	KS	0.037	0.572	Oversupply
2/11/19 12:21	0:03	KS	0.148	0.036	Oversupply
2/11/19 12:24	0:01	SMRR	0.019	0.343	Oversupply
2/11/19 12:25	0:01	KS	0.037	-0.001	Oversupply
2/11/19 12:25	0:01	KS	0.037	-0.001	Oversupply
2/11/19 12:26	0:01	SMRR	0.020	0.897	Oversupply
2/11/19 12:26	0:01	KS	0.037	-0.001	Oversupply
2/11/19 12:27	0:01	SMRR	0.019	0.857	Oversupply
2/11/19 12:27	0:01	KS	0.037	0.151	Oversupply
2/11/19 12:27	0:01	SMRR	0.019	0.468	Oversupply
2/11/19 12:28	0:57	BS250	Data is not available	Data is not available	Oversupply
2/11/19 12:28	0:01	KS	0.037	0.406	Oversupply
2/11/19 12:28	0:01	SMRR	0.019	0.262	Oversupply
2/11/19 12:29	0:57	KWPPII	0.026	6.648	Oversupply
2/11/19 12:29	0:01	SMRR	0.020	0.023	Oversupply
2/11/19 12:29	0:01	KS	0.038	0.719	Oversupply
2/11/19 12:30	0:57	SMRR	2.423	0.010	Oversupply
2/11/19 12:30	0:01	KS	0.040	1.066	Oversupply
2/11/19 12:31	0:57	KS	2.680	0.101	Oversupply
2/11/19 12:39	0:05	AWE	0.027	2.000	Oversupply
2/11/19 12:45	0:01	AWE	0.030	1.400	Oversupply
2/11/19 12:49	0:01	AWE	0.031	1.400	Oversupply
2/11/19 12:52	0:01	AWE	0.061	1.400	Oversupply
2/11/19 12:56	0:02	AWE	0.030	1.500	Oversupply
2/11/19 12:59	0:07	AWE	0.031	1.200	Oversupply
2/11/19 13:05	0:01	KWP	0.471	1.978	Oversupply
2/11/19 13:07	0:04	AWE	0.025	0.900	Oversupply
2/11/19 13:08	0:01	KWP	0.025	2.664	Oversupply
2/11/19 13:12	0:03	AWE	0.025	1.400	Oversupply
2/11/19 13:18	0:01	AWE	0.024	1.500	Oversupply
2/11/19 13:21	0:01	AWE	0.025	1.400	Oversupply
2/11/19 13:27	0:39	BS250	Data is not available	Data is not available	Oversupply
2/11/19 13:27	0:01	SMRR	0.036	0.284	Oversupply
2/11/19 13:28	0:38	KWPPII	0.024	10.906	Oversupply
2/11/19 13:28	0:01	KS	0.040	0.236	Oversupply
2/11/19 13:28	0:01	SMRR	0.036	0.740	Oversupply
2/11/19 13:29	0:01	SMRR	0.036	0.399	Oversupply
2/11/19 13:29	0:01	KS	0.040	0.884	Oversupply
2/11/19 13:29	0:39	SMRR	1.843	0.008	Oversupply
2/11/19 13:29	0:01	KS	0.041	0.415	Oversupply
2/11/19 13:30	0:39	KS	1.832	0.012	Oversupply
2/11/19 14:08	0:01	SMRR	0.035	0.102	Oversupply
2/11/19 14:09	0:01	SMRR	0.035	0.408	Oversupply
2/11/19 14:09	0:01	KS	0.039	0.173	Oversupply
2/11/19 14:10	0:01	SMRR	0.037	0.685	Oversupply
2/11/19 14:10	0:01	KS	0.040	0.433	Oversupply
2/11/19 14:11	0:03	BS250	Data is not available	Data is not available	Oversupply
2/11/19 14:11	0:03	KWPPII	0.026	10.534	Oversupply
2/11/19 14:11	0:01	SMRR	0.034	0.706	Oversupply
2/11/19 14:11	0:01	KS	0.040	0.661	Oversupply
2/11/19 14:11	0:01	SMRR	0.035	0.345	Oversupply
2/11/19 14:12	0:01	KS	0.040	0.733	Oversupply
2/11/19 14:12	0:01	SMRR	0.035	0.321	Oversupply
2/11/19 14:13	0:01	KS	0.040	0.141	Oversupply
2/11/19 14:13	0:03	SMRR	0.131	0.008	Oversupply
2/11/19 14:13	0:03	KS	0.146	0.016	Oversupply
2/11/19 14:16	0:01	SMRR	0.030	0.092	Oversupply
2/11/19 14:17	0:01	SMRR	0.030	0.246	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/11/19 14:17	0:01	KS	0.035	0.130	Oversupply
2/11/19 14:17	0:01	SMRR	0.030	0.892	Oversupply
2/11/19 14:18	0:01	KS	0.035	0.375	Oversupply
2/11/19 14:18	0:01	SMRR	0.030	0.520	Oversupply
2/11/19 14:19	0:01	KS	0.035	0.649	Oversupply
2/11/19 14:19	0:01	SMRR	0.030	1.128	Oversupply
2/11/19 14:20	0:01	KS	0.035	0.783	Oversupply
2/11/19 14:20	0:01	SMRR	0.030	1.423	Oversupply
2/11/19 14:20	0:01	KS	0.035	1.374	Oversupply
2/11/19 14:20	0:01	SMRR	0.030	0.934	Oversupply
2/11/19 14:21	0:01	SMRR	0.030	1.283	Oversupply
2/11/19 14:21	0:01	KS	0.035	1.358	Oversupply
2/11/19 14:22	0:01	SMRR	0.030	1.078	Oversupply
2/11/19 14:22	0:01	KS	0.035	1.243	Oversupply
2/11/19 14:23	0:03	BS250	Data is not available	Data is not available	Oversupply
2/11/19 14:23	0:03	KWPPII	0.028	7.712	Oversupply
2/11/19 14:23	0:01	SMRR	0.030	0.433	Oversupply
2/11/19 14:23	0:01	KS	0.035	0.918	Oversupply
2/11/19 14:24	0:05	SMRR	0.182	0.021	Oversupply
2/11/19 14:24	0:01	KS	0.034	0.034	Oversupply
2/11/19 14:25	0:01	KS	0.035	0.023	Oversupply
2/11/19 14:26	0:03	KS	0.140	0.020	Oversupply
2/11/19 14:28	0:01	SMRR	0.030	0.433	Oversupply
2/11/19 14:29	0:01	SMRR	0.031	0.464	Oversupply
2/11/19 14:29	0:01	KS	0.036	-0.002	Oversupply
2/11/19 14:30	0:08	BS250	Data is not available	Data is not available	Oversupply
2/11/19 14:30	0:07	KWPPII	0.035	8.285	Oversupply
2/11/19 14:30	0:01	SMRR	0.031	0.574	Oversupply
2/11/19 14:30	0:01	KS	0.037	-0.002	Oversupply
2/11/19 14:30	0:01	SMRR	0.031	0.312	Oversupply
2/11/19 14:31	0:01	KS	0.037	-0.002	Oversupply
2/11/19 14:31	0:08	SMRR	0.342	0.082	Oversupply
2/11/19 14:32	0:01	KS	0.037	0.142	Oversupply
2/11/19 14:32	0:09	KS	0.367	0.411	Oversupply
2/11/19 14:38	0:01	KWPPII	0.036	8.165	Oversupply
2/11/19 14:40	0:01	SMRR	0.031	0.010	Oversupply
2/11/19 14:40	0:01	SMRR	0.031	0.292	Oversupply
2/11/19 14:41	0:01	SMRR	0.031	0.120	Oversupply
2/11/19 14:41	0:01	KS	0.037	0.323	Oversupply
2/11/19 14:42	0:01	SMRR	0.031	0.434	Oversupply
2/11/19 14:42	0:02	KS	0.074	0.109	Oversupply
2/11/19 14:43	0:01	SMRR	0.031	0.798	Oversupply
2/11/19 14:43	0:01	SMRR	0.031	1.518	Oversupply
2/11/19 14:44	0:01	KS	0.035	0.981	Oversupply
2/11/19 14:44	0:01	SMRR	0.019	1.680	Oversupply
2/11/19 14:45	0:01	KS	0.010	1.583	Oversupply
2/11/19 14:45	0:01	SMRR	0.008	1.725	Oversupply
2/11/19 14:45	0:01	KS	0.010	1.536	Oversupply
2/11/19 14:46	0:01	SMRR	0.008	1.764	Oversupply
2/11/19 14:46	0:01	KS	0.010	1.673	Oversupply
2/11/19 14:46	0:01	SMRR	0.007	2.383	Oversupply
2/11/19 14:47	0:01	KS	0.010	2.411	Oversupply
2/11/19 14:47	0:01	SMRR	0.008	1.964	Oversupply
2/11/19 14:48	0:01	SMRR	0.008	1.747	Oversupply
2/11/19 14:48	0:01	KS	0.010	1.682	Oversupply
2/11/19 14:49	0:01	SMRR	0.008	1.592	Oversupply
2/11/19 14:49	0:01	KS	0.010	1.582	Oversupply
2/11/19 14:50	0:01	SMRR	0.008	0.967	Oversupply
2/11/19 14:50	0:02	KS	0.020	1.137	Oversupply
2/11/19 14:50	0:01	SMRR	0.007	1.827	Oversupply
2/11/19 14:51	0:01	SMRR	0.008	2.006	Oversupply
2/11/19 14:51	0:01	KS	0.010	1.650	Oversupply
2/11/19 15:54	0:01	AWE	0.025	0.100	Oversupply
2/11/19 15:58	0:01	AWE	0.025	0.100	Oversupply
2/12/19 3:55	0:01	KWPPII	0.025	3.468	Oversupply
2/12/19 4:58	0:01	KWPPII	0.025	5.622	Oversupply
2/12/19 5:02	0:24	KWPPII	0.025	15.623	Oversupply
2/12/19 5:29	0:01	KWPPII	0.020	10.151	Oversupply
2/12/19 6:56	3:12	BS250	Data is not available	Data is not available	Oversupply
2/12/19 6:56	3:12	KWPPII	0.013	20.106	Oversupply
2/12/19 6:59	3:09	SMRR	2.646	0.001	Oversupply
2/12/19 7:01	3:10	KS	2.833	0.006	Oversupply
2/12/19 8:23	0:01	AWE	0.013	0.600	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/12/19 9:36	0:12	AWE	0.013	1.100	Oversupply
2/12/19 9:38	0:07	5A	Data is not available	Data is not available	Oversupply
2/12/19 9:38	0:07	BS	Data is not available	Data is not available	Oversupply
2/12/19 9:40	0:01	KWP	0.013	5.565	Oversupply
2/12/19 9:46	0:01	5A	Data is not available	Data is not available	Oversupply
2/12/19 9:46	0:01	BS	Data is not available	Data is not available	Oversupply
2/12/19 9:51	0:09	AWE	0.013	1.100	Oversupply
2/12/19 9:53	0:01	KWP	0.013	6.198	Oversupply
2/12/19 9:57	0:01	KWP	0.013	4.457	Oversupply
2/12/19 9:58	0:01	5A	Data is not available	Data is not available	Oversupply
2/12/19 9:58	0:01	BS	Data is not available	Data is not available	Oversupply
2/12/19 10:01	0:02	AWE	0.013	1.500	Oversupply
2/12/19 10:02	0:01	KWP	0.014	7.147	Oversupply
2/12/19 10:11	0:46	BS250	Data is not available	Data is not available	Oversupply
2/12/19 10:11	1:23	KWPII	0.010	16.474	Oversupply
2/12/19 10:11	0:47	SMRR	1.937	1.432	Oversupply
2/12/19 10:13	1:24	KS	2.525	1.441	Oversupply
2/12/19 10:37	0:02	AWE	0.004	0.600	Oversupply
2/12/19 10:38	0:01	KWP	0.004	7.991	Oversupply
2/12/19 10:44	0:05	5A	Data is not available	Data is not available	Oversupply
2/12/19 10:44	0:05	BS	Data is not available	Data is not available	Oversupply
2/12/19 10:44	0:07	AWE	0.004	1.400	Oversupply
2/12/19 10:48	0:01	KWP	0.004	6.092	Oversupply
2/12/19 10:50	0:01	5A	Data is not available	Data is not available	Oversupply
2/12/19 10:50	0:01	BS	Data is not available	Data is not available	Oversupply
2/12/19 10:50	0:01	KWP	0.004	5.354	Oversupply
2/12/19 10:57	0:02	AWE	0.003	1.200	Oversupply
2/12/19 10:58	0:35	BS250	Data is not available	Data is not available	Oversupply
2/12/19 10:59	0:35	SMRR	1.511	0.015	Oversupply
2/12/19 11:01	0:23	AWE	0.018	1.000	Oversupply
2/12/19 11:03	0:20	5A	Data is not available	Data is not available	Oversupply
2/12/19 11:03	0:20	BS	Data is not available	Data is not available	Oversupply
2/12/19 11:04	0:03	KWP	0.018	4.088	Oversupply
2/12/19 11:12	0:01	KWP	0.018	0.237	Oversupply
2/12/19 11:25	0:02	AWE	0.018	2.600	Oversupply
2/12/19 11:34	1:32	BS250	Data is not available	Data is not available	Oversupply
2/12/19 11:34	0:01	SMRR	0.036	0.117	Oversupply
2/12/19 11:35	1:31	KWPII	0.018	17.550	Oversupply
2/12/19 11:35	1:32	SMRR	4.239	0.153	Oversupply
2/12/19 11:37	0:01	KS	0.041	0.226	Oversupply
2/12/19 11:37	1:32	KS	4.246	0.004	Oversupply
2/12/19 11:38	0:03	AWE	0.018	2.300	Oversupply
2/12/19 11:44	0:02	AWE	0.018	1.500	Oversupply
2/12/19 11:47	0:07	5A	Data is not available	Data is not available	Oversupply
2/12/19 11:47	0:07	BS	Data is not available	Data is not available	Oversupply
2/12/19 11:48	0:13	AWE	0.025	1.500	Oversupply
2/12/19 11:49	0:01	KWP	0.034	3.138	Oversupply
2/12/19 11:51	0:01	KWP	0.034	1.345	Oversupply
2/12/19 11:55	0:01	5A	Data is not available	Data is not available	Oversupply
2/12/19 11:55	0:01	BS	Data is not available	Data is not available	Oversupply
2/12/19 11:58	0:01	5A	Data is not available	Data is not available	Oversupply
2/12/19 11:58	0:01	BS	Data is not available	Data is not available	Oversupply
2/12/19 12:02	0:01	AWE	0.027	1.200	Oversupply
2/12/19 12:09	0:14	AWE	0.027	1.100	Oversupply
2/12/19 12:10	0:01	KWP	0.027	2.189	Oversupply
2/12/19 12:11	0:21	5A	Data is not available	Data is not available	Oversupply
2/12/19 12:11	0:21	BS	Data is not available	Data is not available	Oversupply
2/12/19 12:24	0:09	AWE	0.027	0.900	Oversupply
2/12/19 12:29	0:01	KWP	0.026	0.765	Oversupply
2/12/19 12:34	0:04	5A	Data is not available	Data is not available	Oversupply
2/12/19 12:34	0:04	BS	Data is not available	Data is not available	Oversupply
2/12/19 12:34	0:10	AWE	0.053	1.100	Oversupply
2/12/19 12:36	0:01	KWP	0.027	1.609	Oversupply
2/12/19 12:39	0:23	5A	Data is not available	Data is not available	Oversupply
2/12/19 12:39	0:23	BS	Data is not available	Data is not available	Oversupply
2/12/19 12:45	0:01	AWE	0.027	0.200	Oversupply
2/12/19 12:48	0:01	KWP	0.024	0.501	Oversupply
2/12/19 12:50	0:12	AWE	0.006	1.100	Oversupply
2/12/19 12:51	0:01	KWP	0.006	0.501	Oversupply
2/12/19 12:55	0:01	KWP	0.006	0.501	Oversupply
2/12/19 13:07	0:01	SMRR	0.034	0.263	Oversupply
2/12/19 13:07	0:01	SMRR	0.035	1.025	Oversupply
2/12/19 13:08	0:48	BS250	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/12/19 13:08	0:01	SMRR	0.037	1.135	Oversupply
2/12/19 13:09	0:49	KWPPII	0.006	16.594	Oversupply
2/12/19 13:09	0:50	SMRR	2.357	0.065	Oversupply
2/12/19 13:09	0:01	KS	0.039	0.891	Oversupply
2/12/19 13:10	0:01	KS	0.039	1.263	Oversupply
2/12/19 13:11	1:56	KS	5.512	0.424	Oversupply
2/12/19 13:27	0:02	AWE	0.009	2.100	Oversupply
2/12/19 13:31	0:05	AWE	0.009	1.700	Oversupply
2/12/19 13:43	0:02	AWE	0.009	3.500	Oversupply
2/12/19 13:46	0:04	AWE	0.009	3.900	Oversupply
2/12/19 13:51	0:01	AWE	0.009	3.500	Oversupply
2/12/19 13:57	1:07	BS250	Data is not available	Data is not available	Oversupply
2/12/19 13:59	1:07	KWPPII	0.009	17.484	Oversupply
2/12/19 13:59	0:01	SMRR	0.036	0.285	Oversupply
2/12/19 13:59	1:06	SMRR	3.020	0.012	Oversupply
2/12/19 14:13	0:03	AWE	0.006	6.900	Oversupply
2/12/19 14:26	0:01	AWE	0.006	6.300	Oversupply
2/12/19 14:55	0:05	AWE	0.003	15.900	Oversupply
2/12/19 15:05	0:01	SMRR	0.030	0.188	Oversupply
2/12/19 15:06	0:09	BS250	Data is not available	Data is not available	Oversupply
2/12/19 15:06	0:01	SMRR	0.029	0.106	Oversupply
2/12/19 15:07	0:08	KWPPII	0.007	17.818	Oversupply
2/12/19 15:07	0:01	SMRR	0.030	0.383	Oversupply
2/12/19 15:07	0:01	KS	0.040	0.002	Oversupply
2/12/19 15:07	0:08	SMRR	0.326	-0.005	Oversupply
2/12/19 15:07	0:01	KS	0.038	0.008	Oversupply
2/12/19 15:08	0:01	KS	0.040	0.391	Oversupply
2/12/19 15:09	0:09	KS	0.392	0.006	Oversupply
2/12/19 15:16	0:01	KWPPII	0.003	16.583	Oversupply
2/12/19 15:16	0:01	SMRR	0.029	0.194	Oversupply
2/12/19 15:16	0:01	SMRR	0.030	0.015	Oversupply
2/12/19 15:17	0:01	SMRR	0.030	0.235	Oversupply
2/12/19 15:18	0:08	BS250	Data is not available	Data is not available	Oversupply
2/12/19 15:18	0:01	KS	0.038	0.309	Oversupply
2/12/19 15:18	0:01	SMRR	0.030	0.313	Oversupply
2/12/19 15:19	0:08	KWPPII	0.036	18.316	Oversupply
2/12/19 15:19	0:01	KS	0.038	0.185	Oversupply
2/12/19 15:19	0:01	SMRR	0.029	0.228	Oversupply
2/12/19 15:20	0:01	KS	0.038	0.206	Oversupply
2/12/19 15:20	0:08	SMRR	0.300	0.007	Oversupply
2/12/19 15:20	0:01	KS	0.038	0.041	Oversupply
2/12/19 15:21	0:08	KS	0.338	0.033	Oversupply
2/12/19 15:27	0:14	BS250	Data is not available	Data is not available	Oversupply
2/12/19 15:27	0:01	SMRR	0.030	0.124	Oversupply
2/12/19 15:28	0:14	KWPPII	0.023	17.244	Oversupply
2/12/19 15:28	0:15	SMRR	0.537	0.081	Oversupply
2/12/19 15:29	0:01	KS	0.038	0.207	Oversupply
2/12/19 15:30	0:15	KS	0.623	0.002	Oversupply
2/12/19 15:42	0:01	SMRR	0.028	0.225	Oversupply
2/12/19 15:43	0:01	SMRR	0.028	0.604	Oversupply
2/12/19 15:44	0:01	SMRR	0.025	0.826	Oversupply
2/12/19 15:45	0:01	KS	0.032	0.133	Oversupply
2/12/19 15:45	0:01	SMRR	0.017	0.531	Oversupply
2/12/19 15:45	0:01	KS	0.032	0.177	Oversupply
2/12/19 15:45	0:01	SMRR	0.017	0.674	Oversupply
2/12/19 15:46	0:01	KS	0.034	0.027	Oversupply
2/12/19 15:46	0:01	SMRR	0.017	0.200	Oversupply
2/12/19 15:47	0:03	KWPPII	0.011	17.078	Oversupply
2/12/19 15:47	0:01	SMRR	0.017	0.178	Oversupply
2/12/19 15:47	0:01	KS	0.034	0.026	Oversupply
2/12/19 15:48	0:02	SMRR	0.052	0.014	Oversupply
2/12/19 15:48	0:04	KS	0.167	0.009	Oversupply
2/12/19 15:50	0:01	SMRR	0.017	0.089	Oversupply
2/12/19 15:51	0:01	SMRR	0.017	0.480	Oversupply
2/12/19 15:52	0:01	SMRR	0.017	0.527	Oversupply
2/12/19 15:52	0:01	KS	0.034	-0.002	Oversupply
2/12/19 15:52	0:01	SMRR	0.017	0.574	Oversupply
2/12/19 15:53	0:01	SMRR	0.017	0.667	Oversupply
2/12/19 15:53	0:01	KS	0.034	-0.002	Oversupply
2/12/19 15:54	0:01	KS	0.035	0.033	Oversupply
2/12/19 15:55	0:01	SMRR	0.017	1.107	Oversupply
2/12/19 15:56	0:01	SMRR	0.017	1.781	Oversupply
2/12/19 15:57	0:01	KS	0.034	0.201	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/12/19 15:58	0:01	SMRR	0.017	1.775	Oversupply
2/12/19 15:59	0:01	SMRR	0.017	1.142	Oversupply
2/12/19 16:02	0:01	SMRR	0.015	1.797	Oversupply
2/12/19 16:03	0:01	SMRR	0.015	1.526	Oversupply
2/12/19 16:04	0:05	BS250	Data is not available	Data is not available	Oversupply
2/12/19 16:04	0:03	KWP	0.021	17.828	Oversupply
2/12/19 16:04	0:01	SMRR	0.015	1.126	Oversupply
2/12/19 16:05	0:03	SMRR	0.060	0.247	Oversupply
2/12/19 16:08	0:01	KWP	0.029	17.424	Oversupply
2/12/19 16:08	0:01	SMRR	0.015	0.103	Oversupply
2/12/19 16:08	0:02	SMRR	0.030	0.015	Oversupply
2/12/19 16:10	0:01	SMRR	0.015	0.042	Oversupply
2/12/19 16:11	0:01	SMRR	0.015	0.470	Oversupply
2/12/19 16:11	0:01	SMRR	0.015	0.813	Oversupply
2/12/19 16:12	0:01	SMRR	0.015	0.937	Oversupply
2/12/19 16:13	0:01	SMRR	0.015	1.133	Oversupply
2/12/19 16:20	0:01	SMRR	0.003	1.584	Oversupply
2/12/19 16:43	0:01	SMRR	0.003	1.287	Oversupply
2/12/19 16:44	0:01	SMRR	0.003	1.101	Oversupply
2/12/19 16:44	0:01	SMRR	0.015	0.463	Oversupply
2/12/19 16:45	0:19	BS250	Data is not available	Data is not available	Oversupply
2/12/19 16:45	0:02	KWP	0.033	18.568	Oversupply
2/12/19 16:45	0:01	SMRR	0.017	0.068	Oversupply
2/12/19 16:46	0:02	SMRR	0.034	0.014	Oversupply
2/12/19 16:47	0:01	SMRR	0.017	0.052	Oversupply
2/12/19 16:48	0:17	KWP	0.033	19.264	Oversupply
2/12/19 16:48	0:17	SMRR	0.328	0.058	Oversupply
2/12/19 17:05	0:01	SMRR	0.010	0.033	Oversupply
2/13/19 2:01	0:16	KWP	0.033	16.543	Oversupply
2/13/19 3:50	0:02	KWP	0.033	14.358	Oversupply
2/13/19 4:17	0:01	KWP	0.023	15.311	Oversupply
2/13/19 4:20	0:05	KWP	0.009	16.283	Oversupply
2/13/19 5:38	0:10	KWP	0.009	15.183	Oversupply
2/13/19 5:58	0:02	KWP	0.009	19.178	Oversupply
2/13/19 8:57	0:01	SMRR	0.001	0.692	Oversupply
2/13/19 8:58	2:04	BS250	Data is not available	Data is not available	Oversupply
2/13/19 8:58	0:01	SMRR	0.001	0.025	Oversupply
2/13/19 8:59	2:04	SMRR	3.136	0.014	Oversupply
2/13/19 8:59	0:01	KS	0.003	0.497	Oversupply
2/13/19 9:00	2:03	KWP	0.009	20.695	Oversupply
2/13/19 9:00	2:05	KS	3.106	0.009	Oversupply
2/13/19 9:57	0:08	5A	Data is not available	Data is not available	Oversupply
2/13/19 9:57	0:08	BS	Data is not available	Data is not available	Oversupply
2/13/19 9:58	0:01	KWP	0.009	21.442	Oversupply
2/13/19 10:00	0:01	KWP	0.010	19.437	Oversupply
2/13/19 10:02	0:01	KWP	0.010	16.905	Oversupply
2/13/19 10:06	0:02	5A	Data is not available	Data is not available	Oversupply
2/13/19 10:06	0:02	BS	Data is not available	Data is not available	Oversupply
2/13/19 10:07	0:01	KWP	0.010	16.220	Oversupply
2/13/19 10:09	0:01	5A	Data is not available	Data is not available	Oversupply
2/13/19 10:09	0:01	BS	Data is not available	Data is not available	Oversupply
2/13/19 10:11	0:01	KWP	0.010	17.064	Oversupply
2/13/19 10:14	0:01	KWP	0.010	16.220	Oversupply
2/13/19 10:14	0:02	AWE	0.010	0.300	Oversupply
2/13/19 10:17	0:04	5A	Data is not available	Data is not available	Oversupply
2/13/19 10:17	0:04	BS	Data is not available	Data is not available	Oversupply
2/13/19 10:17	0:30	AWE	0.010	1.000	Oversupply
2/13/19 10:18	0:01	KWP	0.011	17.697	Oversupply
2/13/19 10:22	0:13	5A	Data is not available	Data is not available	Oversupply
2/13/19 10:22	0:13	BS	Data is not available	Data is not available	Oversupply
2/13/19 10:26	0:02	KWP	0.016	14.637	Oversupply
2/13/19 10:29	0:01	KWP	0.016	10.998	Oversupply
2/13/19 10:33	0:01	KWP	0.016	9.415	Oversupply
2/13/19 10:36	0:02	5A	Data is not available	Data is not available	Oversupply
2/13/19 10:36	0:02	BS	Data is not available	Data is not available	Oversupply
2/13/19 10:37	0:01	KWP	0.016	11.420	Oversupply
2/13/19 10:40	0:08	5A	Data is not available	Data is not available	Oversupply
2/13/19 10:40	0:08	BS	Data is not available	Data is not available	Oversupply
2/13/19 10:41	0:03	KWP	0.016	12.211	Oversupply
2/13/19 10:50	0:01	KWP	0.016	6.831	Oversupply
2/13/19 10:53	0:05	5A	Data is not available	Data is not available	Oversupply
2/13/19 10:53	0:05	BS	Data is not available	Data is not available	Oversupply
2/13/19 10:54	0:01	KWP	0.016	4.668	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/13/19 11:04	4:02	BS250	Data is not available	Data is not available	Oversupply
2/13/19 11:05	4:02	KWP	0.016	20.658	Oversupply
2/13/19 11:05	0:01	SMRR	0.028	0.936	Oversupply
2/13/19 11:06	4:02	SMRR	10.811	0.915	Oversupply
2/13/19 11:07	4:03	KS	9.948	2.664	Oversupply
2/13/19 12:07	0:01	KWP	0.011	24.185	Oversupply
2/13/19 12:08	0:14	5A	Data is not available	Data is not available	Oversupply
2/13/19 12:08	0:14	BS	Data is not available	Data is not available	Oversupply
2/13/19 12:12	0:02	AWE	0.011	0.100	Oversupply
2/13/19 12:12	0:02	KWP	0.011	20.862	Oversupply
2/13/19 12:15	0:48	AWE	0.011	1.200	Oversupply
2/13/19 12:17	0:01	KWP	0.010	15.798	Oversupply
2/13/19 12:21	0:02	KWP	0.011	14.004	Oversupply
2/13/19 12:27	0:01	5A	Data is not available	Data is not available	Oversupply
2/13/19 12:27	0:01	BS	Data is not available	Data is not available	Oversupply
2/13/19 12:29	0:29	5A	Data is not available	Data is not available	Oversupply
2/13/19 12:29	0:29	BS	Data is not available	Data is not available	Oversupply
2/13/19 12:40	0:01	KWP	0.011	8.888	Oversupply
2/13/19 12:56	0:01	KWP	0.011	1.978	Oversupply
2/13/19 12:58	0:01	KWP	0.006	2.664	Oversupply
2/13/19 12:59	0:02	5A	Data is not available	Data is not available	Oversupply
2/13/19 12:59	0:02	BS	Data is not available	Data is not available	Oversupply
2/13/19 13:04	0:07	AWE	0.006	1.200	Oversupply
2/13/19 13:06	0:04	5A	Data is not available	Data is not available	Oversupply
2/13/19 13:06	0:04	BS	Data is not available	Data is not available	Oversupply
2/13/19 13:07	0:01	KWP	0.006	8.519	Oversupply
2/13/19 13:13	0:18	5A	Data is not available	Data is not available	Oversupply
2/13/19 13:13	0:18	BS	Data is not available	Data is not available	Oversupply
2/13/19 13:13	0:19	AWE	0.004	1.400	Oversupply
2/13/19 13:22	0:01	KWP	0.004	7.305	Oversupply
2/13/19 13:24	0:02	KWP	0.002	6.778	Oversupply
2/13/19 13:32	0:01	5A	Data is not available	Data is not available	Oversupply
2/13/19 13:32	0:01	BS	Data is not available	Data is not available	Oversupply
2/13/19 13:41	0:01	AWE	0.013	1.000	Oversupply
2/13/19 13:54	0:02	AWE	0.003	0.100	Oversupply
2/13/19 14:05	0:01	KWP	0.001	13.266	Oversupply
2/13/19 15:08	0:01	SMRR	0.026	0.327	Oversupply
2/13/19 15:08	0:01	SMRR	0.026	0.675	Oversupply
2/13/19 15:10	0:01	KS	0.036	0.913	Oversupply
2/13/19 15:10	0:01	SMRR	0.026	0.870	Oversupply
2/13/19 15:11	0:01	SMRR	0.026	0.993	Oversupply
2/13/19 15:11	0:01	KS	0.036	1.491	Oversupply
2/13/19 15:12	0:01	KS	0.036	0.363	Oversupply
2/13/19 15:15	0:01	SMRR	0.025	2.141	Oversupply
2/13/19 15:15	0:01	SMRR	0.024	1.192	Oversupply
2/13/19 15:16	0:01	KS	0.033	1.854	Oversupply
2/13/19 15:16	0:01	SMRR	0.025	1.104	Oversupply
2/13/19 15:17	0:01	KS	0.033	0.628	Oversupply
2/13/19 15:17	0:01	SMRR	0.025	0.756	Oversupply
2/13/19 15:17	0:01	KS	0.033	0.677	Oversupply
2/13/19 15:18	0:01	SMRR	0.025	0.248	Oversupply
2/13/19 15:18	0:01	KS	0.032	0.593	Oversupply
2/13/19 15:18	0:01	SMRR	0.025	1.056	Oversupply
2/13/19 15:19	0:01	KS	0.033	0.360	Oversupply
2/13/19 15:19	0:01	SMRR	0.024	1.245	Oversupply
2/13/19 15:20	0:26	BS250	Data is not available	Data is not available	Oversupply
2/13/19 15:20	0:01	SMRR	0.025	1.656	Oversupply
2/13/19 15:20	0:01	KS	0.033	0.553	Oversupply
2/13/19 15:21	0:25	KWP	2.020	20.534	Oversupply
2/13/19 15:21	0:01	SMRR	0.025	0.954	Oversupply
2/13/19 15:21	0:01	KS	0.033	0.465	Oversupply
2/13/19 15:21	0:26	SMRR	0.882	0.022	Oversupply
2/13/19 15:22	0:01	KS	0.033	0.849	Oversupply
2/13/19 15:23	0:01	KS	0.033	0.249	Oversupply
2/13/19 15:23	0:26	KS	1.073	0.025	Oversupply
2/13/19 15:47	0:01	SMRR	0.022	0.117	Oversupply
2/13/19 15:48	0:01	SMRR	0.023	0.512	Oversupply
2/13/19 15:49	0:01	SMRR	0.023	0.627	Oversupply
2/13/19 15:49	0:01	KS	0.033	0.116	Oversupply
2/13/19 15:50	0:01	KS	0.035	0.134	Oversupply
2/13/19 15:51	0:01	KS	0.035	0.174	Oversupply
2/13/19 15:52	0:54	BS250	Data is not available	Data is not available	Oversupply
2/13/19 15:53	0:54	KWP	6.987	20.707	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/13/19 15:53	0:54	SMRR	1.459	1.286	Oversupply
2/13/19 15:55	0:20	KS	0.775	0.002	Oversupply
2/13/19 16:47	0:01	SMRR	0.008	0.051	Oversupply
2/13/19 17:04	0:01	SMRR	0.009	0.966	Oversupply
2/13/19 17:05	0:07	BS250	Data is not available	Data is not available	Oversupply
2/13/19 17:05	0:01	SMRR	0.009	0.914	Oversupply
2/13/19 17:05	0:01	SMRR	0.009	0.327	Oversupply
2/13/19 17:06	0:10	KWPPII	0.447	20.708	Oversupply
2/13/19 17:06	0:11	SMRR	0.120	0.007	Oversupply
2/13/19 17:33	0:01	SMRR	0.003	0.316	Oversupply
2/13/19 21:45	0:01	KWPPII	0.004	20.684	Oversupply
2/13/19 21:51	0:01	KWPPII	0.006	20.690	Oversupply
2/13/19 23:05	5:54	KWPPII	57.432	20.708	Oversupply
2/14/19 5:01	0:01	KWPPII	0.004	17.025	Oversupply
2/14/19 5:34	0:10	KWPPII	0.281	19.094	Oversupply
2/14/19 5:53	0:01	KWPPII	0.007	20.228	Oversupply
2/14/19 8:49	0:01	SMRR	0.008	1.285	Oversupply
2/14/19 8:49	0:01	SMRR	0.008	0.306	Oversupply
2/14/19 8:50	0:01	SMRR	0.008	0.016	Oversupply
2/14/19 8:50	0:01	KS	0.001	0.151	Oversupply
2/14/19 8:51	0:01	SMRR	0.008	0.389	Oversupply
2/14/19 8:51	0:01	KS	0.001	0.008	Oversupply
2/14/19 8:52	0:01	SMRR	0.008	0.323	Oversupply
2/14/19 8:52	0:01	KS	0.001	0.005	Oversupply
2/14/19 8:52	0:01	SMRR	0.008	0.923	Oversupply
2/14/19 8:53	0:01	KS	0.001	0.012	Oversupply
2/14/19 8:54	0:01	KS	0.001	0.151	Oversupply
2/14/19 8:55	0:01	SMRR	0.008	1.308	Oversupply
2/14/19 8:56	0:14	BS250	Data is not available	Data is not available	Oversupply
2/14/19 8:56	0:14	KWPPII	0.639	20.708	Oversupply
2/14/19 8:56	0:01	SMRR	0.008	0.298	Oversupply
2/14/19 8:57	0:01	SMRR	0.008	0.012	Oversupply
2/14/19 8:57	0:01	KS	0.001	0.167	Oversupply
2/14/19 8:58	0:01	SMRR	0.008	0.002	Oversupply
2/14/19 8:58	0:01	KS	0.001	0.024	Oversupply
2/14/19 8:58	0:13	SMRR	0.321	0.017	Oversupply
2/14/19 8:59	0:14	KS	0.058	0.021	Oversupply
2/14/19 9:11	0:01	SMRR	0.020	0.116	Oversupply
2/14/19 9:13	0:01	KS	0.004	0.039	Oversupply
2/14/19 9:13	0:01	SMRR	0.020	0.117	Oversupply
2/14/19 9:14	0:01	SMRR	0.020	0.610	Oversupply
2/14/19 9:14	0:01	KS	0.004	0.146	Oversupply
2/14/19 9:14	0:01	SMRR	0.019	0.614	Oversupply
2/14/19 9:15	0:01	KS	0.003	0.119	Oversupply
2/14/19 9:16	0:01	SMRR	0.022	0.623	Oversupply
2/14/19 9:16	0:01	KS	0.003	0.222	Oversupply
2/14/19 9:17	0:01	SMRR	0.022	0.632	Oversupply
2/14/19 9:18	0:42	BS250	Data is not available	Data is not available	Oversupply
2/14/19 9:18	0:39	KWPPII	2.248	20.708	Oversupply
2/14/19 9:18	0:01	SMRR	0.022	0.472	Oversupply
2/14/19 9:18	0:01	KS	0.003	0.195	Oversupply
2/14/19 9:18	0:39	SMRR	1.174	0.445	Oversupply
2/14/19 9:19	0:41	KS	0.449	0.049	Oversupply
2/14/19 9:57	0:01	SMRR	0.030	-0.001	Oversupply
2/14/19 9:58	0:03	KWPPII	0.085	20.708	Oversupply
2/14/19 9:58	0:01	SMRR	0.030	-0.003	Oversupply
2/14/19 9:59	0:02	SMRR	0.088	0.022	Oversupply
2/14/19 10:00	0:03	KS	0.084	0.013	Oversupply
2/14/19 10:01	0:01	SMRR	0.030	0.112	Oversupply
2/14/19 10:02	0:01	SMRR	0.029	0.109	Oversupply
2/14/19 10:03	0:24	BS250	Data is not available	Data is not available	Oversupply
2/14/19 10:03	0:01	SMRR	0.030	0.112	Oversupply
2/14/19 10:03	0:01	KS	0.021	0.178	Oversupply
2/14/19 10:03	0:01	SMRR	0.030	0.316	Oversupply
2/14/19 10:04	0:24	KWPPII	2.079	20.708	Oversupply
2/14/19 10:04	0:01	KS	0.021	0.172	Oversupply
2/14/19 10:04	0:24	SMRR	0.954	0.341	Oversupply
2/14/19 10:05	0:01	KS	0.021	0.086	Oversupply
2/14/19 10:06	0:24	KS	0.615	0.156	Oversupply
2/14/19 10:28	0:01	SMRR	0.031	0.035	Oversupply
2/14/19 10:29	0:01	SMRR	0.032	0.111	Oversupply
2/14/19 10:29	0:01	SMRR	0.029	0.180	Oversupply
2/14/19 10:30	0:01	KS	0.011	0.216	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/14/19 10:31	0:01	KS	0.011	0.220	Oversupply
2/14/19 10:36	0:01	SMRR	0.030	0.340	Oversupply
2/14/19 10:37	0:01	AWE	0.002	0.100	Oversupply
2/14/19 10:57	0:01	SMRR	0.010	2.611	Oversupply
2/14/19 10:58	0:01	SMRR	0.010	2.707	Oversupply
2/14/19 10:58	0:01	SMRR	0.010	1.972	Oversupply
2/14/19 10:59	0:01	SMRR	0.014	1.331	Oversupply
2/14/19 11:00	0:01	SMRR	0.022	1.082	Oversupply
2/14/19 11:00	0:01	KS	0.005	0.467	Oversupply
2/14/19 11:01	0:01	SMRR	0.021	1.525	Oversupply
2/14/19 11:01	0:01	KS	0.005	0.318	Oversupply
2/14/19 11:01	0:01	SMRR	0.022	2.124	Oversupply
2/14/19 11:02	0:01	KS	0.005	0.411	Oversupply
2/14/19 11:03	0:01	KS	0.005	0.590	Oversupply
2/14/19 11:04	0:01	SMRR	0.021	2.705	Oversupply
2/14/19 11:04	0:01	SMRR	0.022	2.037	Oversupply
2/14/19 11:05	0:01	SMRR	0.022	0.852	Oversupply
2/14/19 11:06	0:01	SMRR	0.022	0.359	Oversupply
2/14/19 11:06	0:01	KS	0.005	0.566	Oversupply
2/14/19 11:07	0:01	SMRR	0.022	0.802	Oversupply
2/14/19 11:07	0:01	KS	0.005	0.121	Oversupply
2/14/19 11:07	0:01	SMRR	0.021	0.487	Oversupply
2/14/19 11:08	0:01	KS	0.005	0.238	Oversupply
2/14/19 11:08	0:01	SMRR	0.022	0.779	Oversupply
2/14/19 11:09	0:01	KS	0.005	0.303	Oversupply
2/14/19 11:09	0:01	SMRR	0.022	1.768	Oversupply
2/14/19 11:10	0:01	KS	0.005	0.095	Oversupply
2/14/19 11:10	0:01	SMRR	0.022	1.161	Oversupply
2/14/19 11:11	0:01	SMRR	0.021	0.923	Oversupply
2/14/19 11:11	0:02	KS	0.009	0.730	Oversupply
2/14/19 11:11	0:01	SMRR	0.022	0.057	Oversupply
2/14/19 11:12	0:02	SMRR	0.043	0.013	Oversupply
2/14/19 11:12	0:01	KS	0.005	0.243	Oversupply
2/14/19 11:13	0:01	KS	0.005	0.014	Oversupply
2/14/19 11:14	0:01	SMRR	0.021	0.114	Oversupply
2/14/19 11:14	0:01	KS	0.004	0.032	Oversupply
2/14/19 11:14	0:01	SMRR	0.019	0.028	Oversupply
2/14/19 11:15	0:01	KS	0.010	0.044	Oversupply
2/14/19 11:15	0:01	SMRR	0.008	0.257	Oversupply
2/14/19 11:16	0:01	KS	0.010	0.064	Oversupply
2/14/19 11:16	0:01	SMRR	0.008	0.355	Oversupply
2/14/19 11:17	0:01	KS	0.010	0.143	Oversupply
2/14/19 11:17	0:01	SMRR	0.008	0.349	Oversupply
2/14/19 11:17	0:02	SMRR	0.016	0.018	Oversupply
2/14/19 11:17	0:01	KS	0.010	0.346	Oversupply
2/14/19 11:18	0:01	KS	0.010	0.415	Oversupply
2/14/19 11:19	0:01	SMRR	0.008	0.575	Oversupply
2/14/19 11:19	0:01	KS	0.010	0.009	Oversupply
2/14/19 11:20	0:01	KS	0.010	0.066	Oversupply
2/14/19 11:31	0:01	SMRR	0.004	1.176	Oversupply
2/14/19 11:32	0:01	AWE	0.002	0.100	Oversupply
2/14/19 11:32	0:01	SMRR	0.004	1.203	Oversupply
2/14/19 11:32	0:01	KS	0.011	0.993	Oversupply
2/14/19 11:33	0:01	SMRR	0.004	0.554	Oversupply
2/14/19 11:33	0:01	KS	0.011	1.043	Oversupply
2/14/19 11:33	0:01	SMRR	0.004	1.269	Oversupply
2/14/19 11:34	0:01	KS	0.011	1.230	Oversupply
2/14/19 11:34	0:01	SMRR	0.004	1.208	Oversupply
2/14/19 11:35	0:01	KS	0.011	0.983	Oversupply
2/14/19 11:35	0:01	SMRR	0.004	1.243	Oversupply
2/14/19 11:36	0:01	KS	0.011	0.955	Oversupply
2/14/19 11:36	0:01	SMRR	0.004	1.247	Oversupply
2/14/19 11:36	0:01	KS	0.011	1.095	Oversupply
2/14/19 11:36	0:01	SMRR	0.004	1.169	Oversupply
2/14/19 11:37	0:01	SMRR	0.004	1.051	Oversupply
2/14/19 11:37	0:01	KS	0.012	0.808	Oversupply
2/14/19 11:38	0:01	KS	0.011	0.720	Oversupply
2/14/19 11:39	0:01	KS	0.011	0.679	Oversupply
2/14/19 12:27	0:01	SMRR	0.008	2.485	Oversupply
2/14/19 12:28	0:01	SMRR	0.008	1.355	Oversupply
2/14/19 12:28	0:01	KS	-0.002	0.910	Oversupply
2/14/19 12:28	0:01	SMRR	0.008	0.712	Oversupply
2/14/19 12:29	0:01	SMRR	0.021	0.168	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/14/19 12:29	0:01	KS	0.004	0.999	Oversupply
2/14/19 12:30	0:01	SMRR	0.033	0.629	Oversupply
2/14/19 12:30	0:01	KS	0.016	0.499	Oversupply
2/14/19 12:31	0:29	BS250	Data is not available	Data is not available	Oversupply
2/14/19 12:31	0:01	SMRR	0.033	0.813	Oversupply
2/14/19 12:31	0:01	KS	0.016	0.024	Oversupply
2/14/19 12:31	0:01	SMRR	0.033	0.611	Oversupply
2/14/19 12:32	0:01	KS	0.016	0.187	Oversupply
2/14/19 12:32	0:01	SMRR	0.033	0.231	Oversupply
2/14/19 12:33	0:29	KWPPII	1.493	20.708	Oversupply
2/14/19 12:33	0:01	KS	0.016	0.152	Oversupply
2/14/19 12:33	0:01	SMRR	0.033	0.047	Oversupply
2/14/19 12:34	0:01	KS	0.016	0.343	Oversupply
2/14/19 12:34	0:28	SMRR	1.093	0.021	Oversupply
2/14/19 12:34	0:30	KS	0.722	0.175	Oversupply
2/14/19 13:02	0:01	SMRR	0.009	0.033	Oversupply
2/14/19 13:03	0:01	SMRR	0.009	0.140	Oversupply
2/14/19 13:04	0:01	SMRR	0.009	0.306	Oversupply
2/14/19 13:05	0:01	KS	0.023	0.188	Oversupply
2/14/19 13:06	0:01	KS	0.023	0.192	Oversupply
2/14/19 13:36	0:01	SMRR	0.006	0.876	Oversupply
2/14/19 13:37	0:49	BS250	Data is not available	Data is not available	Oversupply
2/14/19 13:37	0:49	KWPPII	3.805	20.708	Oversupply
2/14/19 13:37	0:01	SMRR	0.006	0.361	Oversupply
2/14/19 13:38	0:01	KS	0.003	1.004	Oversupply
2/14/19 13:38	0:49	SMRR	0.686	0.011	Oversupply
2/14/19 13:38	0:01	KS	0.003	1.032	Oversupply
2/14/19 13:39	0:48	KS	1.010	0.187	Oversupply
2/14/19 14:27	0:01	SMRR	0.008	0.406	Oversupply
2/14/19 14:28	0:01	KS	0.019	0.002	Oversupply
2/14/19 14:29	0:01	KS	0.018	0.172	Oversupply
2/14/19 14:36	0:01	SMRR	0.007	0.724	Oversupply
2/14/19 14:37	0:01	SMRR	0.007	0.459	Oversupply
2/14/19 14:37	0:01	SMRR	0.007	0.472	Oversupply
2/14/19 14:38	1:43	KWPPII	9.763	20.708	Oversupply
2/14/19 14:38	0:01	SMRR	0.007	0.019	Oversupply
2/14/19 14:39	0:02	SMRR	0.020	0.012	Oversupply
2/14/19 14:40	1:41	BS250	Data is not available	Data is not available	Oversupply
2/14/19 14:40	0:01	KS	0.015	0.312	Oversupply
2/14/19 14:41	0:03	KS	0.044	0.323	Oversupply
2/14/19 14:41	0:01	SMRR	0.007	0.021	Oversupply
2/14/19 14:42	1:40	SMRR	2.998	0.027	Oversupply
2/14/19 14:43	1:32	KS	3.333	0.105	Oversupply
2/14/19 16:22	0:01	SMRR	0.021	0.184	Oversupply
2/14/19 16:24	0:01	SMRR	0.021	0.385	Oversupply
2/14/19 16:24	0:01	SMRR	0.021	0.630	Oversupply
2/14/19 16:25	0:01	SMRR	0.021	0.600	Oversupply
2/14/19 16:26	0:01	SMRR	0.021	0.351	Oversupply
2/14/19 16:27	0:01	KWPPII	0.001	20.708	Oversupply
2/14/19 16:27	0:01	SMRR	0.021	0.619	Oversupply
2/14/19 16:27	0:02	SMRR	0.042	0.440	Oversupply
2/14/19 16:29	0:01	SMRR	0.018	0.213	Oversupply
2/14/19 16:30	0:01	SMRR	0.008	0.009	Oversupply
2/14/19 16:30	0:01	SMRR	0.008	0.112	Oversupply
2/14/19 16:31	0:01	SMRR	0.008	0.233	Oversupply
2/14/19 16:32	0:01	SMRR	0.008	0.608	Oversupply
2/14/19 21:47	0:36	KWPPII	1.472	20.708	Oversupply
2/14/19 23:21	0:03	KWPPII	0.016	20.708	Oversupply
2/14/19 23:34	0:03	KWPPII	0.017	20.708	Oversupply
2/14/19 23:44	5:35	KWPPII	41.006	20.708	Oversupply
2/15/19 5:28	0:04	KWPPII	0.055	20.708	Oversupply
2/15/19 5:33	0:01	KWPPII	0.003	20.708	Oversupply
2/15/19 8:57	4:12	BS250	Data is not available	Data is not available	Oversupply
2/15/19 8:58	2:12	KWPPII	30.332	20.708	Oversupply
2/15/19 8:58	4:12	SMRR	10.068	0.542	Oversupply
2/15/19 9:00	4:12	KS	7.686	0.842	Oversupply
2/15/19 10:35	0:08	AWE	0.143	3.500	Oversupply
2/15/19 10:37	0:05	5A	Data is not available	Data is not available	Oversupply
2/15/19 10:37	0:05	BS	Data is not available	Data is not available	Oversupply
2/15/19 10:44	0:02	AWE	0.027	2.900	Oversupply
2/15/19 10:58	0:09	AWE	0.249	5.500	Oversupply
2/15/19 11:00	0:05	5A	Data is not available	Data is not available	Oversupply
2/15/19 11:00	0:05	BS	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/15/19 11:03	0:01	KWP	0.004	19.121	Oversupply
2/15/19 11:11	1:59	KWP	39.229	20.708	Oversupply
2/15/19 11:12	0:09	AWE	0.208	3.700	Oversupply
2/15/19 11:17	0:01	KWP	0.001	16.325	Oversupply
2/15/19 11:24	0:18	AWE	0.254	3.500	Oversupply
2/15/19 11:25	0:07	5A	Data is not available	Data is not available	Oversupply
2/15/19 11:25	0:07	BS	Data is not available	Data is not available	Oversupply
2/15/19 11:27	0:01	KWP	0.002	21.864	Oversupply
2/15/19 11:33	0:02	5A	Data is not available	Data is not available	Oversupply
2/15/19 11:33	0:02	BS	Data is not available	Data is not available	Oversupply
2/15/19 11:34	0:01	KWP	0.002	14.426	Oversupply
2/15/19 11:44	0:05	AWE	0.015	0.500	Oversupply
2/15/19 11:46	0:03	5A	Data is not available	Data is not available	Oversupply
2/15/19 11:46	0:03	BS	Data is not available	Data is not available	Oversupply
2/15/19 11:52	0:05	5A	Data is not available	Data is not available	Oversupply
2/15/19 11:52	0:05	BS	Data is not available	Data is not available	Oversupply
2/15/19 11:53	0:02	KWP	0.002	19.596	Oversupply
2/15/19 11:58	0:01	5A	Data is not available	Data is not available	Oversupply
2/15/19 11:58	0:01	BS	Data is not available	Data is not available	Oversupply
2/15/19 12:00	0:01	5A	Data is not available	Data is not available	Oversupply
2/15/19 12:00	0:01	BS	Data is not available	Data is not available	Oversupply
2/15/19 12:11	0:02	AWE	0.008	0.300	Oversupply
2/15/19 12:13	0:05	5A	Data is not available	Data is not available	Oversupply
2/15/19 12:13	0:05	BS	Data is not available	Data is not available	Oversupply
2/15/19 12:14	0:21	AWE	0.195	1.300	Oversupply
2/15/19 12:17	0:01	KWP	0.001	20.018	Oversupply
2/15/19 12:20	0:01	5A	Data is not available	Data is not available	Oversupply
2/15/19 12:20	0:01	BS	Data is not available	Data is not available	Oversupply
2/15/19 12:25	0:03	KWP	0.004	22.286	Oversupply
2/15/19 12:26	0:01	5A	Data is not available	Data is not available	Oversupply
2/15/19 12:26	0:01	BS	Data is not available	Data is not available	Oversupply
2/15/19 12:38	0:06	AWE	0.070	1.400	Oversupply
2/15/19 12:40	0:01	KWP	0.001	24.818	Oversupply
2/15/19 12:46	0:01	AWE	0.005	1.000	Oversupply
2/15/19 12:50	0:13	AWE	0.178	1.400	Oversupply
2/15/19 12:51	0:09	5A	Data is not available	Data is not available	Oversupply
2/15/19 12:51	0:09	BS	Data is not available	Data is not available	Oversupply
2/15/19 12:53	0:01	KWP	0.003	23.499	Oversupply
2/15/19 12:57	0:01	KWP	0.001	22.602	Oversupply
2/15/19 13:00	0:01	KWP	0.001	20.387	Oversupply
2/15/19 13:10	0:01	SMRR	0.033	0.081	Oversupply
2/15/19 13:11	0:53	BS250	Data is not available	Data is not available	Oversupply
2/15/19 13:11	0:01	SMRR	0.033	0.981	Oversupply
2/15/19 13:12	1:53	KWP	31.442	20.705	Oversupply
2/15/19 13:12	0:01	SMRR	0.033	1.836	Oversupply
2/15/19 13:12	0:01	KS	0.039	0.002	Oversupply
2/15/19 13:12	0:53	SMRR	1.620	1.519	Oversupply
2/15/19 13:13	0:01	KS	0.039	1.209	Oversupply
2/15/19 13:14	0:01	KS	0.039	1.976	Oversupply
2/15/19 13:14	1:53	KS	4.604	1.579	Oversupply
2/15/19 13:51	0:02	AWE	0.003	0.100	Oversupply
2/15/19 13:54	0:01	KWP	0.001	16.905	Oversupply
2/15/19 13:55	0:03	5A	Data is not available	Data is not available	Oversupply
2/15/19 13:55	0:03	BS	Data is not available	Data is not available	Oversupply
2/15/19 14:05	0:01	KWP	0.004	14.268	Oversupply
2/15/19 14:05	0:02	AWE	0.003	0.100	Oversupply
2/15/19 14:06	1:00	SMRR	2.195	0.006	Oversupply
2/15/19 14:09	0:06	AWE	0.025	0.500	Oversupply
2/15/19 14:16	0:11	AWE	0.087	0.700	Oversupply
2/15/19 14:35	0:31	AWE	0.361	1.200	Oversupply
2/15/19 14:38	0:01	KWP	0.003	17.538	Oversupply
2/15/19 14:59	0:01	KWP	0.001	17.064	Oversupply
2/15/19 15:04	0:02	KWP	0.002	17.222	Oversupply
2/15/19 15:07	0:02	KWP	0.484	20.573	Oversupply
2/15/19 15:07	0:03	SMRR	0.123	1.915	Oversupply
2/15/19 15:09	0:03	KS	0.116	0.486	Oversupply
2/15/19 15:10	0:40	BS250	Data is not available	Data is not available	Oversupply
2/15/19 15:10	0:01	SMRR	0.031	0.463	Oversupply
2/15/19 15:11	0:40	KWP	6.842	20.708	Oversupply
2/15/19 15:11	0:01	SMRR	0.030	0.553	Oversupply
2/15/19 15:12	0:40	SMRR	1.564	0.013	Oversupply
2/15/19 15:12	0:01	KS	0.039	0.428	Oversupply
2/15/19 15:13	0:41	KS	1.601	0.580	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/15/19 15:51	0:03	BS250	Data is not available	Data is not available	Oversupply
2/15/19 15:51	0:01	SMRR	0.028	0.406	Oversupply
2/15/19 15:52	0:02	SMRR	0.083	0.000	Oversupply
2/15/19 15:54	0:18	KS	0.691	0.140	Oversupply
2/15/19 15:54	0:01	SMRR	0.028	0.112	Oversupply
2/15/19 15:55	0:10	BS250	Data is not available	Data is not available	Oversupply
2/15/19 15:55	0:11	KWP II	0.278	20.708	Oversupply
2/15/19 15:55	0:01	SMRR	0.028	0.156	Oversupply
2/15/19 15:56	0:11	SMRR	0.315	0.004	Oversupply
2/15/19 16:07	0:01	SMRR	0.020	0.355	Oversupply
2/15/19 16:07	0:01	SMRR	0.020	0.398	Oversupply
2/15/19 16:08	0:01	SMRR	0.020	0.338	Oversupply
2/15/19 16:09	0:01	SMRR	0.020	0.549	Oversupply
2/15/19 16:10	0:01	SMRR	0.020	0.997	Oversupply
2/15/19 21:56	0:12	KWP II	0.164	20.708	Oversupply
2/15/19 22:10	0:08	KWP II	0.041	20.708	Oversupply
2/15/19 22:24	4:52	KWP II	47.738	20.708	Oversupply
2/16/19 3:49	0:15	KWP II	0.291	11.166	Oversupply
2/16/19 4:05	0:02	KWP II	0.003	9.253	Oversupply
2/16/19 4:17	0:02	KWP II	0.017	4.679	Oversupply
2/16/19 10:45	0:01	SMRR	0.004	2.373	Oversupply
2/16/19 10:45	0:01	SMRR	0.004	2.448	Oversupply
2/16/19 10:47	0:01	KS	0.004	2.022	Oversupply
2/16/19 11:36	0:01	KS	0.004	1.697	Oversupply
2/16/19 11:38	0:02	SMRR	0.007	2.730	Oversupply
2/16/19 11:40	0:01	SMRR	0.003	2.375	Oversupply
2/16/19 11:40	0:01	KS	0.004	2.574	Oversupply
2/16/19 11:40	0:01	SMRR	0.003	2.728	Oversupply
2/16/19 11:41	0:01	SMRR	0.003	2.457	Oversupply
2/16/19 11:41	0:01	KS	0.004	2.284	Oversupply
2/16/19 11:42	0:01	SMRR	0.003	2.344	Oversupply
2/16/19 11:43	0:01	KS	0.004	2.446	Oversupply
2/16/19 11:44	0:01	SMRR	0.004	2.390	Oversupply
2/16/19 11:46	0:01	KS	0.007	2.767	Oversupply
2/16/19 11:49	0:01	SMRR	0.005	2.770	Oversupply
2/16/19 11:50	0:01	SMRR	0.004	1.939	Oversupply
2/16/19 11:50	0:01	SMRR	0.005	1.725	Oversupply
2/16/19 11:51	0:01	KS	0.007	2.394	Oversupply
2/16/19 11:51	0:01	SMRR	0.005	2.638	Oversupply
2/16/19 11:52	0:01	KS	0.007	1.780	Oversupply
2/16/19 11:52	0:01	SMRR	0.005	2.218	Oversupply
2/16/19 11:52	0:01	KS	0.007	1.392	Oversupply
2/16/19 11:53	0:01	SMRR	0.004	1.933	Oversupply
2/16/19 11:53	0:01	KS	0.007	2.191	Oversupply
2/16/19 11:53	0:01	SMRR	0.005	2.293	Oversupply
2/16/19 11:54	0:01	KS	0.007	1.986	Oversupply
2/16/19 11:54	0:01	SMRR	0.005	2.398	Oversupply
2/16/19 11:55	0:01	SMRR	0.004	2.420	Oversupply
2/16/19 11:55	0:01	KS	0.007	2.187	Oversupply
2/16/19 11:56	0:01	KS	0.007	2.328	Oversupply
2/16/19 11:57	0:01	SMRR	0.005	2.759	Oversupply
2/16/19 11:57	0:01	KS	0.007	2.380	Oversupply
2/16/19 11:59	0:01	KS	0.007	2.598	Oversupply
2/16/19 12:06	0:01	SMRR	0.002	2.513	Oversupply
2/16/19 12:08	0:01	KS	0.004	1.639	Oversupply
2/16/19 12:14	0:01	SMRR	0.004	2.659	Oversupply
2/16/19 12:15	0:01	SMRR	0.005	1.884	Oversupply
2/16/19 12:15	0:01	KS	0.006	1.785	Oversupply
2/16/19 12:16	0:01	SMRR	0.005	1.840	Oversupply
2/16/19 12:16	0:01	KS	0.007	1.708	Oversupply
2/16/19 12:16	0:01	SMRR	0.005	2.046	Oversupply
2/16/19 12:17	0:01	KS	0.007	1.516	Oversupply
2/16/19 12:17	0:01	SMRR	0.005	2.026	Oversupply
2/16/19 12:18	0:01	KS	0.006	1.855	Oversupply
2/16/19 12:18	0:01	SMRR	0.005	2.178	Oversupply
2/16/19 12:18	0:01	KS	0.007	1.990	Oversupply
2/16/19 12:19	0:01	SMRR	0.005	2.259	Oversupply
2/16/19 12:19	0:01	KS	0.007	2.239	Oversupply
2/16/19 12:20	0:01	KS	0.006	2.137	Oversupply
2/16/19 12:21	0:01	KS	0.007	2.629	Oversupply
2/16/19 12:26	0:01	SMRR	0.005	2.706	Oversupply
2/16/19 12:27	0:01	KS	0.007	2.834	Oversupply
2/16/19 12:28	0:01	SMRR	0.005	2.757	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/16/19 12:28	0:01	KS	0.006	2.586	Oversupply
2/16/19 12:29	0:01	SMRR	0.005	2.264	Oversupply
2/16/19 12:29	0:01	SMRR	0.016	2.400	Oversupply
2/16/19 12:30	0:01	KS	0.016	2.964	Oversupply
2/16/19 12:30	0:01	SMRR	0.017	2.621	Oversupply
2/16/19 12:30	0:01	KS	0.016	2.244	Oversupply
2/16/19 12:31	0:01	SMRR	0.018	2.098	Oversupply
2/16/19 12:32	0:01	SMRR	0.018	1.757	Oversupply
2/16/19 12:32	0:01	KS	0.016	2.403	Oversupply
2/16/19 12:32	0:01	SMRR	0.018	1.498	Oversupply
2/16/19 12:33	0:01	KS	0.016	2.140	Oversupply
2/16/19 12:33	0:01	SMRR	0.017	2.324	Oversupply
2/16/19 12:34	0:01	KS	0.016	1.832	Oversupply
2/16/19 12:34	0:01	SMRR	0.018	2.569	Oversupply
2/16/19 12:35	0:01	SMRR	0.018	2.258	Oversupply
2/16/19 12:35	0:01	KS	0.016	2.279	Oversupply
2/16/19 12:35	0:01	SMRR	0.018	2.297	Oversupply
2/16/19 12:36	0:01	KS	0.016	1.743	Oversupply
2/16/19 12:36	0:01	SMRR	0.017	1.604	Oversupply
2/16/19 12:36	0:01	KS	0.016	1.041	Oversupply
2/16/19 12:37	0:01	SMRR	0.018	1.531	Oversupply
2/16/19 12:37	0:01	KS	0.016	1.575	Oversupply
2/16/19 12:38	0:01	SMRR	0.018	1.015	Oversupply
2/16/19 12:38	0:01	KS	0.016	1.530	Oversupply
2/16/19 12:39	0:01	SMRR	0.018	0.783	Oversupply
2/16/19 12:39	0:01	KS	0.015	1.533	Oversupply
2/16/19 12:39	0:01	SMRR	0.018	0.631	Oversupply
2/16/19 12:40	0:01	KS	0.016	0.967	Oversupply
2/16/19 12:40	0:01	SMRR	0.017	0.405	Oversupply
2/16/19 12:41	0:01	KS	0.016	1.781	Oversupply
2/16/19 12:41	0:01	SMRR	0.018	1.197	Oversupply
2/16/19 12:42	0:01	SMRR	0.018	0.772	Oversupply
2/16/19 12:42	0:01	KS	0.016	2.476	Oversupply
2/16/19 12:42	0:01	SMRR	0.018	0.350	Oversupply
2/16/19 12:42	0:01	KS	0.015	1.913	Oversupply
2/16/19 12:43	0:01	SMRR	0.017	0.366	Oversupply
2/16/19 12:43	0:02	KS	0.039	0.951	Oversupply
2/16/19 12:44	0:01	SMRR	0.017	0.042	Oversupply
2/16/19 12:45	0:01	SMRR	0.011	0.896	Oversupply
2/16/19 12:45	0:01	KS	0.014	0.276	Oversupply
2/16/19 12:45	0:01	SMRR	0.011	0.745	Oversupply
2/16/19 12:46	0:01	KS	0.014	0.338	Oversupply
2/16/19 12:46	0:01	SMRR	0.011	0.725	Oversupply
2/16/19 12:47	0:01	KS	0.014	1.485	Oversupply
2/16/19 12:47	0:01	SMRR	0.011	1.494	Oversupply
2/16/19 12:48	0:01	KS	0.014	1.938	Oversupply
2/16/19 12:48	0:01	SMRR	0.011	1.673	Oversupply
2/16/19 12:49	0:01	KS	0.014	1.422	Oversupply
2/16/19 12:49	0:01	KS	0.014	1.558	Oversupply
2/16/19 12:56	0:01	SMRR	0.011	2.743	Oversupply
2/16/19 12:57	0:01	SMRR	0.011	2.049	Oversupply
2/16/19 12:58	0:01	SMRR	0.011	1.768	Oversupply
2/16/19 12:58	0:01	KS	0.014	0.993	Oversupply
2/16/19 12:58	0:01	SMRR	0.011	1.055	Oversupply
2/16/19 12:59	0:01	KS	0.017	1.371	Oversupply
2/16/19 12:59	0:01	SMRR	0.022	0.564	Oversupply
2/16/19 13:00	0:01	KS	0.024	1.241	Oversupply
2/16/19 13:00	0:01	SMRR	0.035	0.426	Oversupply
2/16/19 13:01	0:01	KS	0.024	0.876	Oversupply
2/16/19 13:01	0:01	SMRR	0.035	0.535	Oversupply
2/16/19 13:01	0:01	SMRR	0.035	0.790	Oversupply
2/16/19 13:01	0:01	KS	0.024	0.506	Oversupply
2/16/19 13:02	0:01	SMRR	0.034	0.211	Oversupply
2/16/19 13:02	0:01	KS	0.024	0.331	Oversupply
2/16/19 13:03	0:01	SMRR	0.035	0.332	Oversupply
2/16/19 13:03	0:01	KS	0.024	0.305	Oversupply
2/16/19 13:04	0:02	SMRR	0.069	0.017	Oversupply
2/16/19 13:04	0:02	KS	0.047	0.067	Oversupply
2/16/19 13:05	0:01	SMRR	0.034	0.155	Oversupply
2/16/19 13:06	0:20	AWE	0.542	8.300	Oversupply
2/16/19 13:06	0:01	KS	0.024	0.020	Oversupply
2/16/19 13:06	0:01	SMRR	0.035	0.120	Oversupply
2/16/19 13:07	0:18	BS250	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/16/19 13:07	0:01	KS	0.024	0.058	Oversupply
2/16/19 13:07	0:01	SMRR	0.035	0.024	Oversupply
2/16/19 13:08	0:01	SMRR	0.035	0.212	Oversupply
2/16/19 13:08	0:01	KS	0.024	0.101	Oversupply
2/16/19 13:08	0:18	SMRR	0.856	0.018	Oversupply
2/16/19 13:08	0:01	KS	0.024	0.014	Oversupply
2/16/19 13:09	0:01	KS	0.024	0.108	Oversupply
2/16/19 13:10	0:18	KS	0.683	0.004	Oversupply
2/16/19 13:27	0:06	BS250	Data is not available	Data is not available	Oversupply
2/16/19 13:27	0:01	SMRR	0.036	0.265	Oversupply
2/16/19 13:27	0:07	SMRR	0.298	0.094	Oversupply
2/16/19 13:28	0:05	AWE	0.099	8.000	Oversupply
2/16/19 13:28	0:01	KS	0.036	0.145	Oversupply
2/16/19 13:29	0:01	KS	0.034	0.168	Oversupply
2/16/19 13:30	0:06	KS	0.265	0.013	Oversupply
2/16/19 13:34	0:01	BS250	Data is not available	Data is not available	Oversupply
2/16/19 13:34	0:01	SMRR	0.031	0.088	Oversupply
2/16/19 13:35	0:01	SMRR	0.032	0.027	Oversupply
2/16/19 13:36	0:01	BS250	Data is not available	Data is not available	Oversupply
2/16/19 13:36	0:01	SMRR	0.032	0.051	Oversupply
2/16/19 13:36	0:01	KS	0.038	0.195	Oversupply
2/16/19 13:37	0:01	SMRR	0.032	0.039	Oversupply
2/16/19 13:37	0:01	KS	0.036	0.011	Oversupply
2/16/19 13:37	0:01	SMRR	0.032	0.076	Oversupply
2/16/19 13:38	0:01	KS	0.038	0.109	Oversupply
2/16/19 13:38	0:01	SMRR	0.031	0.001	Oversupply
2/16/19 13:39	0:01	KS	0.038	0.034	Oversupply
2/16/19 13:39	0:01	SMRR	0.032	0.172	Oversupply
2/16/19 13:39	0:01	KS	0.038	0.018	Oversupply
2/16/19 13:40	0:01	SMRR	0.032	0.754	Oversupply
2/16/19 13:40	0:01	SMRR	0.032	1.075	Oversupply
2/16/19 13:40	0:01	KS	0.038	0.011	Oversupply
2/16/19 13:41	0:01	SMRR	0.031	1.146	Oversupply
2/16/19 13:41	0:01	KS	0.038	0.273	Oversupply
2/16/19 13:42	0:01	SMRR	0.032	1.060	Oversupply
2/16/19 13:42	0:01	KS	0.038	1.312	Oversupply
2/16/19 13:43	0:01	SMRR	0.032	1.157	Oversupply
2/16/19 13:43	0:01	KS	0.038	1.178	Oversupply
2/16/19 13:43	0:01	SMRR	0.032	1.220	Oversupply
2/16/19 13:44	0:01	KS	0.036	0.968	Oversupply
2/16/19 13:44	0:01	SMRR	0.030	1.056	Oversupply
2/16/19 13:45	0:01	KS	0.030	1.354	Oversupply
2/16/19 13:45	0:01	SMRR	0.028	0.451	Oversupply
2/16/19 13:46	0:01	KS	0.030	0.999	Oversupply
2/16/19 13:46	0:01	SMRR	0.028	0.398	Oversupply
2/16/19 13:46	0:01	KS	0.030	0.892	Oversupply
2/16/19 13:46	0:01	SMRR	0.027	0.501	Oversupply
2/16/19 13:47	0:01	SMRR	0.028	0.659	Oversupply
2/16/19 13:47	0:01	KS	0.030	0.422	Oversupply
2/16/19 13:48	0:01	SMRR	0.028	0.897	Oversupply
2/16/19 13:48	0:01	KS	0.030	0.433	Oversupply
2/16/19 13:49	0:02	AWE	0.007	14.800	Oversupply
2/16/19 13:49	0:01	SMRR	0.028	0.583	Oversupply
2/16/19 13:49	0:01	KS	0.030	0.870	Oversupply
2/16/19 13:50	0:02	SMRR	0.056	0.082	Oversupply
2/16/19 13:50	0:01	KS	0.029	0.911	Oversupply
2/16/19 13:51	0:01	KS	0.030	0.468	Oversupply
2/16/19 13:51	0:01	SMRR	0.027	0.104	Oversupply
2/16/19 13:52	0:02	KS	0.060	0.022	Oversupply
2/16/19 13:52	0:01	SMRR	0.028	0.490	Oversupply
2/16/19 13:53	0:01	SMRR	0.028	0.770	Oversupply
2/16/19 13:53	0:01	KS	0.030	0.489	Oversupply
2/16/19 13:53	0:01	SMRR	0.028	0.779	Oversupply
2/16/19 13:54	0:01	SMRR	0.028	0.785	Oversupply
2/16/19 13:54	0:01	KS	0.029	1.069	Oversupply
2/16/19 13:55	0:01	SMRR	0.028	0.793	Oversupply
2/16/19 13:55	0:01	KS	0.030	1.070	Oversupply
2/16/19 13:56	0:01	SMRR	0.027	0.840	Oversupply
2/16/19 13:56	0:01	KS	0.028	1.076	Oversupply
2/16/19 13:56	0:01	SMRR	0.028	1.045	Oversupply
2/16/19 13:57	0:01	KS	0.030	1.068	Oversupply
2/16/19 13:57	0:01	SMRR	0.028	1.284	Oversupply
2/16/19 13:58	0:01	KS	0.029	1.126	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/16/19 13:58	0:01	SMRR	0.028	1.365	Oversupply
2/16/19 13:58	0:01	KS	0.030	1.240	Oversupply
2/16/19 13:59	0:01	SMRR	0.028	1.730	Oversupply
2/16/19 13:59	0:01	KS	0.035	1.380	Oversupply
2/16/19 14:00	0:01	SMRR	0.030	0.447	Oversupply
2/16/19 14:00	0:01	KS	0.037	1.505	Oversupply
2/16/19 14:00	0:01	SMRR	0.030	0.463	Oversupply
2/16/19 14:01	0:01	AWE	0.001	15.000	Oversupply
2/16/19 14:01	0:04	SMRR	0.151	0.198	Oversupply
2/16/19 14:01	0:01	KS	0.037	0.730	Oversupply
2/16/19 14:02	0:01	KS	0.037	0.164	Oversupply
2/16/19 14:03	0:03	AWE	0.006	15.200	Oversupply
2/16/19 14:03	0:02	KS	0.072	0.273	Oversupply
2/16/19 14:04	0:01	KS	0.037	0.017	Oversupply
2/16/19 14:05	0:01	SMRR	0.030	0.077	Oversupply
2/16/19 14:05	0:01	KS	0.037	0.055	Oversupply
2/16/19 14:06	0:02	SMRR	0.060	0.037	Oversupply
2/16/19 14:06	0:01	KS	0.037	0.012	Oversupply
2/16/19 14:07	0:01	KS	0.037	0.490	Oversupply
2/16/19 14:07	0:02	SMRR	0.061	0.018	Oversupply
2/16/19 14:08	0:01	KS	0.037	0.010	Oversupply
2/16/19 14:09	0:01	AWE	0.007	16.500	Oversupply
2/16/19 14:09	0:01	SMRR	0.030	0.328	Oversupply
2/16/19 14:09	0:02	KS	0.073	0.026	Oversupply
2/16/19 14:09	0:01	SMRR	0.030	0.064	Oversupply
2/16/19 14:10	0:01	SMRR	0.030	0.322	Oversupply
2/16/19 14:11	0:01	KS	0.037	0.294	Oversupply
2/16/19 14:11	0:01	SMRR	0.030	1.161	Oversupply
2/16/19 14:11	0:01	KS	0.037	0.213	Oversupply
2/16/19 14:12	0:01	SMRR	0.030	1.884	Oversupply
2/16/19 14:12	0:01	KS	0.037	0.492	Oversupply
2/16/19 14:12	0:01	SMRR	0.030	1.725	Oversupply
2/16/19 14:13	0:01	KS	0.037	0.663	Oversupply
2/16/19 14:13	0:01	SMRR	0.030	1.565	Oversupply
2/16/19 14:14	0:01	SMRR	0.025	1.749	Oversupply
2/16/19 14:14	0:01	KS	0.027	0.681	Oversupply
2/16/19 14:15	0:01	SMRR	0.001	2.115	Oversupply
2/16/19 14:15	0:01	KS	0.009	0.550	Oversupply
2/16/19 14:16	0:01	SMRR	0.001	2.478	Oversupply
2/16/19 14:16	0:01	KS	0.010	0.686	Oversupply
2/16/19 14:16	0:01	SMRR	0.001	1.889	Oversupply
2/16/19 14:17	0:01	KS	0.010	0.708	Oversupply
2/16/19 14:17	0:01	SMRR	0.001	1.791	Oversupply
2/16/19 14:17	0:01	KS	0.010	0.851	Oversupply
2/16/19 14:18	0:01	KS	0.010	1.577	Oversupply
2/16/19 14:19	0:01	KS	0.009	1.833	Oversupply
2/16/19 14:22	0:01	SMRR	0.001	2.346	Oversupply
2/16/19 14:23	0:01	SMRR	0.001	1.344	Oversupply
2/16/19 14:24	0:01	KS	0.010	2.002	Oversupply
2/16/19 14:25	0:01	KS	0.010	2.460	Oversupply
2/17/19 10:44	0:01	SMRR	-0.001	2.427	Oversupply
2/17/19 10:45	0:01	SMRR	0.002	2.592	Oversupply
2/17/19 10:46	0:02	KS	-0.005	1.387	Oversupply
2/17/19 10:47	0:01	SMRR	0.002	2.783	Oversupply
2/17/19 11:32	0:01	SMRR	0.001	2.890	Oversupply
2/17/19 11:32	0:01	SMRR	0.001	2.811	Oversupply
2/17/19 11:33	0:01	SMRR	0.001	2.468	Oversupply
2/17/19 11:35	0:01	KS	-0.002	2.441	Oversupply
2/17/19 11:35	0:01	SMRR	0.001	2.770	Oversupply
2/17/19 11:36	0:01	SMRR	0.001	2.851	Oversupply
2/17/19 11:36	0:01	KS	-0.002	2.618	Oversupply
2/17/19 11:37	0:01	KS	-0.002	2.779	Oversupply
2/17/19 11:38	0:01	KS	-0.002	2.901	Oversupply
2/18/19 2:25	0:01	KWP2	0.000	0.001	Oversupply
2/18/19 11:28	0:01	AWE	0.003	0.200	Oversupply
2/18/19 11:29	0:01	SMRR	0.004	2.706	Oversupply
2/18/19 11:30	0:01	SMRR	0.015	2.198	Oversupply
2/18/19 11:30	0:01	SMRR	0.015	2.032	Oversupply
2/18/19 11:31	0:01	KS	0.014	2.881	Oversupply
2/18/19 11:31	0:01	SMRR	0.015	2.229	Oversupply
2/18/19 11:32	0:01	KS	0.014	2.213	Oversupply
2/18/19 11:32	0:01	SMRR	0.014	1.807	Oversupply
2/18/19 11:33	0:01	SMRR	0.015	1.586	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/18/19 11:33	0:01	KS	0.014	2.293	Oversupply
2/18/19 11:33	0:01	SMRR	0.015	1.362	Oversupply
2/18/19 11:34	0:01	KS	0.014	2.145	Oversupply
2/18/19 11:34	0:01	SMRR	0.015	1.129	Oversupply
2/18/19 11:34	0:01	KS	0.014	1.734	Oversupply
2/18/19 11:35	0:01	SMRR	0.014	1.110	Oversupply
2/18/19 11:35	0:01	KS	0.014	1.412	Oversupply
2/18/19 11:36	0:01	SMRR	0.015	1.130	Oversupply
2/18/19 11:36	0:01	KS	0.014	1.312	Oversupply
2/18/19 11:36	0:01	SMRR	0.015	1.394	Oversupply
2/18/19 11:37	0:01	KS	0.014	1.123	Oversupply
2/18/19 11:37	0:01	SMRR	0.015	1.471	Oversupply
2/18/19 11:38	0:01	KS	0.014	1.229	Oversupply
2/18/19 11:38	0:01	SMRR	0.014	1.909	Oversupply
2/18/19 11:39	0:01	KS	0.014	1.320	Oversupply
2/18/19 11:39	0:01	SMRR	0.015	1.929	Oversupply
2/18/19 11:40	0:01	SMRR	0.015	1.621	Oversupply
2/18/19 11:40	0:01	KS	0.014	1.706	Oversupply
2/18/19 11:40	0:01	SMRR	0.015	1.788	Oversupply
2/18/19 11:40	0:01	KS	0.014	2.065	Oversupply
2/18/19 11:41	0:01	SMRR	0.015	2.029	Oversupply
2/18/19 11:41	0:01	KS	0.014	1.728	Oversupply
2/18/19 11:42	0:01	SMRR	0.014	1.702	Oversupply
2/18/19 11:42	0:01	KS	0.014	1.876	Oversupply
2/18/19 11:43	0:01	SMRR	0.015	1.971	Oversupply
2/18/19 11:43	0:01	KS	0.014	1.949	Oversupply
2/18/19 11:43	0:01	SMRR	0.015	2.157	Oversupply
2/18/19 11:44	0:01	KS	0.013	1.674	Oversupply
2/18/19 11:44	0:01	SMRR	0.013	1.993	Oversupply
2/18/19 11:45	0:01	KS	0.013	2.247	Oversupply
2/18/19 11:45	0:01	SMRR	0.011	1.998	Oversupply
2/18/19 11:46	0:01	KS	0.013	1.993	Oversupply
2/18/19 11:46	0:01	SMRR	0.011	1.912	Oversupply
2/18/19 11:46	0:01	SMRR	0.011	2.001	Oversupply
2/18/19 11:46	0:01	KS	0.013	2.196	Oversupply
2/18/19 11:47	0:01	SMRR	0.011	2.265	Oversupply
2/18/19 11:47	0:01	KS	0.013	1.879	Oversupply
2/18/19 11:48	0:01	SMRR	0.011	2.022	Oversupply
2/18/19 11:48	0:01	KS	0.013	1.926	Oversupply
2/18/19 11:49	0:01	SMRR	0.011	2.021	Oversupply
2/18/19 11:49	0:01	KS	0.013	2.224	Oversupply
2/18/19 11:49	0:01	SMRR	0.011	2.007	Oversupply
2/18/19 11:50	0:01	KS	0.013	2.013	Oversupply
2/18/19 11:50	0:02	SMRR	0.023	1.591	Oversupply
2/18/19 11:51	0:01	KS	0.013	2.203	Oversupply
2/18/19 11:52	0:01	KS	0.013	1.781	Oversupply
2/18/19 11:52	0:01	SMRR	0.011	2.077	Oversupply
2/18/19 11:53	0:01	SMRR	0.011	2.011	Oversupply
2/18/19 11:53	0:01	KS	0.012	1.578	Oversupply
2/18/19 11:53	0:01	SMRR	0.011	2.108	Oversupply
2/18/19 11:53	0:01	KS	0.013	1.808	Oversupply
2/18/19 11:54	0:01	SMRR	0.011	1.869	Oversupply
2/18/19 11:54	0:01	KS	0.013	2.087	Oversupply
2/18/19 11:55	0:01	SMRR	0.011	2.055	Oversupply
2/18/19 11:55	0:01	KS	0.013	2.073	Oversupply
2/18/19 11:56	0:01	SMRR	0.011	1.812	Oversupply
2/18/19 11:56	0:01	KS	0.013	1.804	Oversupply
2/18/19 11:56	0:01	SMRR	0.011	1.894	Oversupply
2/18/19 11:57	0:01	KS	0.013	1.786	Oversupply
2/18/19 11:57	0:01	SMRR	0.011	2.423	Oversupply
2/18/19 11:58	0:01	KS	0.013	1.966	Oversupply
2/18/19 11:58	0:01	SMRR	0.011	2.300	Oversupply
2/18/19 11:59	0:01	KS	0.013	2.276	Oversupply
2/18/19 11:59	0:01	SMRR	0.011	2.228	Oversupply
2/18/19 11:59	0:01	SMRR	0.018	2.317	Oversupply
2/18/19 11:59	0:01	KS	0.015	2.238	Oversupply
2/18/19 12:00	0:01	SMRR	0.019	2.415	Oversupply
2/18/19 12:00	0:01	KS	0.016	2.410	Oversupply
2/18/19 12:01	0:01	SMRR	0.018	2.451	Oversupply
2/18/19 12:01	0:01	KS	0.016	2.311	Oversupply
2/18/19 12:02	0:01	SMRR	0.019	2.032	Oversupply
2/18/19 12:02	0:01	KS	0.016	2.576	Oversupply
2/18/19 12:02	0:01	SMRR	0.019	1.598	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/18/19 12:03	0:01	KS	0.016	2.406	Oversupply
2/18/19 12:03	0:01	SMRR	0.019	1.693	Oversupply
2/18/19 12:04	0:01	KS	0.016	1.871	Oversupply
2/18/19 12:04	0:01	SMRR	0.018	1.811	Oversupply
2/18/19 12:05	0:01	KS	0.016	1.466	Oversupply
2/18/19 12:05	0:01	SMRR	0.019	1.640	Oversupply
2/18/19 12:06	0:01	KS	0.016	1.853	Oversupply
2/18/19 12:06	0:01	SMRR	0.019	0.864	Oversupply
2/18/19 12:06	0:01	KS	0.016	2.183	Oversupply
2/18/19 12:07	0:01	SMRR	0.019	0.956	Oversupply
2/18/19 12:07	0:01	KS	0.016	2.308	Oversupply
2/18/19 12:08	0:01	SMRR	0.018	1.207	Oversupply
2/18/19 12:08	0:01	KS	0.016	2.702	Oversupply
2/18/19 12:09	0:01	SMRR	0.019	1.232	Oversupply
2/18/19 12:09	0:01	KS	0.016	1.541	Oversupply
2/18/19 12:09	0:01	SMRR	0.019	0.356	Oversupply
2/18/19 12:10	0:01	KS	0.016	1.394	Oversupply
2/18/19 12:10	0:01	SMRR	0.019	0.656	Oversupply
2/18/19 12:11	0:01	KS	0.016	0.780	Oversupply
2/18/19 12:11	0:01	SMRR	0.018	0.741	Oversupply
2/18/19 12:12	0:01	KS	0.016	0.428	Oversupply
2/18/19 12:12	0:01	SMRR	0.019	1.140	Oversupply
2/18/19 12:12	0:01	SMRR	0.019	1.189	Oversupply
2/18/19 12:12	0:01	KS	0.016	0.898	Oversupply
2/18/19 12:13	0:01	SMRR	0.019	1.175	Oversupply
2/18/19 12:13	0:01	KS	0.016	1.182	Oversupply
2/18/19 12:14	0:01	SMRR	0.018	0.510	Oversupply
2/18/19 12:14	0:01	KS	0.021	1.685	Oversupply
2/18/19 12:15	0:01	SMRR	0.009	0.396	Oversupply
2/18/19 12:15	0:01	KS	0.026	2.052	Oversupply
2/18/19 12:15	0:01	SMRR	0.009	0.322	Oversupply
2/18/19 12:16	0:01	AWE	0.009	6.500	Oversupply
2/18/19 12:16	0:01	KS	0.026	1.576	Oversupply
2/18/19 12:16	0:02	SMRR	0.027	0.020	Oversupply
2/18/19 12:17	0:01	KS	0.026	0.624	Oversupply
2/18/19 12:18	0:01	KS	0.026	0.068	Oversupply
2/18/19 12:18	0:01	SMRR	0.009	0.551	Oversupply
2/18/19 12:18	0:02	KS	0.051	0.032	Oversupply
2/18/19 12:19	0:01	SMRR	0.009	0.960	Oversupply
2/18/19 12:20	0:01	SMRR	0.009	1.097	Oversupply
2/18/19 12:20	0:01	KS	0.026	0.539	Oversupply
2/18/19 12:21	0:01	SMRR	0.009	1.123	Oversupply
2/18/19 12:21	0:01	KS	0.026	1.028	Oversupply
2/18/19 12:22	0:01	SMRR	0.009	1.152	Oversupply
2/18/19 12:22	0:01	KS	0.026	1.023	Oversupply
2/18/19 12:22	0:01	SMRR	0.009	1.390	Oversupply
2/18/19 12:23	0:01	KS	0.026	1.020	Oversupply
2/18/19 12:23	0:01	SMRR	0.009	1.885	Oversupply
2/18/19 12:24	0:01	KS	0.025	1.018	Oversupply
2/18/19 12:25	0:01	KS	0.026	1.119	Oversupply
2/18/19 13:20	0:01	SMRR	0.012	2.699	Oversupply
2/18/19 13:20	0:01	SMRR	0.012	1.700	Oversupply
2/18/19 13:21	0:02	AWE	0.046	9.000	Oversupply
2/18/19 13:21	0:02	SMRR	0.035	0.788	Oversupply
2/18/19 13:22	0:01	KS	0.016	2.841	Oversupply
2/18/19 13:22	0:01	KS	0.016	1.465	Oversupply
2/18/19 13:23	0:03	KS	0.047	0.116	Oversupply
2/18/19 13:23	0:01	SMRR	0.012	0.013	Oversupply
2/18/19 13:24	0:01	SMRR	0.012	0.603	Oversupply
2/18/19 13:25	0:01	SMRR	0.012	0.627	Oversupply
2/18/19 13:26	0:01	SMRR	0.012	0.636	Oversupply
2/18/19 13:26	0:01	KS	0.016	0.427	Oversupply
2/18/19 13:26	0:01	SMRR	0.012	0.678	Oversupply
2/18/19 13:27	0:01	KS	0.016	1.032	Oversupply
2/18/19 13:27	0:01	SMRR	0.012	0.185	Oversupply
2/18/19 13:28	0:01	KS	0.016	1.037	Oversupply
2/18/19 13:28	0:01	SMRR	0.012	0.494	Oversupply
2/18/19 13:29	0:02	KS	0.039	0.970	Oversupply
2/18/19 13:29	0:01	SMRR	0.012	0.288	Oversupply
2/18/19 13:30	0:03	AWE	0.061	11.600	Oversupply
2/18/19 13:30	0:01	SMRR	0.007	0.446	Oversupply
2/18/19 13:30	0:01	KS	0.024	1.267	Oversupply
2/18/19 13:30	0:01	SMRR	0.007	0.277	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/18/19 13:31	0:03	SMRR	0.028	0.007	Oversupply
2/18/19 13:31	0:01	KS	0.024	1.294	Oversupply
2/18/19 13:32	0:01	KWPPII	0.001	0.055	Oversupply
2/18/19 13:32	0:01	KS	0.024	1.640	Oversupply
2/18/19 13:33	0:03	KS	0.073	0.716	Oversupply
2/18/19 13:34	0:01	SMRR	0.007	0.392	Oversupply
2/18/19 13:35	0:01	SMRR	0.007	0.710	Oversupply
2/18/19 13:35	0:01	KS	0.024	0.080	Oversupply
2/18/19 13:36	0:01	SMRR	0.007	0.707	Oversupply
2/18/19 13:36	0:01	KS	0.025	0.785	Oversupply
2/18/19 13:36	0:01	SMRR	0.007	0.391	Oversupply
2/18/19 13:37	0:01	SMRR	0.007	0.409	Oversupply
2/18/19 13:37	0:01	KS	0.024	1.033	Oversupply
2/18/19 13:38	0:01	KS	0.024	1.038	Oversupply
2/18/19 13:39	0:01	KS	0.025	0.873	Oversupply
2/18/19 13:39	0:01	SMRR	0.007	1.005	Oversupply
2/18/19 13:40	0:01	SMRR	0.007	0.841	Oversupply
2/18/19 13:41	0:01	SMRR	0.007	0.792	Oversupply
2/18/19 13:42	0:01	KS	0.024	1.641	Oversupply
2/18/19 13:42	0:01	KS	0.024	2.319	Oversupply
2/18/19 13:51	0:12	BS250	Data is not available	Data is not available	Oversupply
2/18/19 13:51	0:01	SMRR	0.011	1.328	Oversupply
2/18/19 13:52	0:10	AWE	0.295	12.500	Oversupply
2/18/19 13:52	0:11	KWPPII	0.378	2.818	Oversupply
2/18/19 13:52	0:01	SMRR	0.011	0.986	Oversupply
2/18/19 13:52	0:11	SMRR	0.197	0.025	Oversupply
2/18/19 13:53	0:01	KS	0.017	2.405	Oversupply
2/18/19 13:54	0:12	KS	0.410	1.028	Oversupply
2/18/19 14:04	0:01	BS250	Data is not available	Data is not available	Oversupply
2/18/19 14:04	0:01	SMRR	0.016	0.056	Oversupply
2/18/19 14:05	0:01	KWPPII	0.000	1.034	Oversupply
2/18/19 14:05	0:02	SMRR	0.033	0.023	Oversupply
2/18/19 14:06	0:18	BS250	Data is not available	Data is not available	Oversupply
2/18/19 14:06	0:01	KS	0.041	0.099	Oversupply
2/18/19 14:06	0:01	SMRR	0.016	0.173	Oversupply
2/18/19 14:07	0:15	KWPPII	0.166	1.098	Oversupply
2/18/19 14:07	0:01	KS	0.041	0.002	Oversupply
2/18/19 14:07	0:19	SMRR	0.455	-0.001	Oversupply
2/18/19 14:07	0:01	KS	0.041	0.001	Oversupply
2/18/19 14:08	0:17	AWE	0.786	13.900	Oversupply
2/18/19 14:08	0:01	KS	0.041	0.256	Oversupply
2/18/19 14:09	0:18	KS	0.858	0.007	Oversupply
2/18/19 14:24	0:01	KWPPII	0.000	0.004	Oversupply
2/18/19 14:26	0:08	BS250	Data is not available	Data is not available	Oversupply
2/18/19 14:26	0:07	KWPPII	0.032	0.489	Oversupply
2/18/19 14:26	0:09	AWE	0.203	15.100	Oversupply
2/18/19 14:26	0:01	SMRR	0.020	0.362	Oversupply
2/18/19 14:27	0:08	SMRR	0.147	0.005	Oversupply
2/18/19 14:27	0:01	KS	0.041	0.111	Oversupply
2/18/19 14:28	0:01	KS	0.041	0.334	Oversupply
2/18/19 14:29	0:08	KS	0.250	0.010	Oversupply
2/18/19 14:35	0:01	SMRR	0.010	0.133	Oversupply
2/18/19 14:36	0:01	SMRR	0.010	0.784	Oversupply
2/18/19 14:37	0:01	KS	0.027	0.029	Oversupply
2/18/19 14:38	0:01	KS	0.027	1.189	Oversupply
2/18/19 14:43	0:01	SMRR	0.010	1.611	Oversupply
2/18/19 14:44	0:01	SMRR	0.010	1.114	Oversupply
2/18/19 14:45	0:01	KS	0.002	2.887	Oversupply
2/18/19 14:45	0:01	KS	0.002	1.715	Oversupply
2/18/19 14:47	0:01	SMRR	0.004	0.654	Oversupply
2/18/19 14:50	0:01	KS	0.002	2.366	Oversupply
2/19/19 0:15	0:01	KWPPII	0.001	2.316	Oversupply
2/19/19 2:01	0:20	KWPPII	2.254	9.699	Oversupply
2/19/19 2:09	0:05	AWE	0.027	21.000	Oversupply
2/19/19 2:15	0:01	AWE	0.006	20.600	Oversupply
2/19/19 2:22	0:14	AWE	0.186	21.000	Oversupply
2/19/19 2:22	2:26	KWPPII	38.828	17.714	Oversupply
2/19/19 2:45	1:58	AWE	18.066	21.000	Oversupply
2/19/19 4:50	0:02	KWPPII	0.108	8.330	Oversupply
2/19/19 9:32	0:11	KWPPII	0.566	15.636	Oversupply
2/19/19 9:33	0:04	AWE	0.237	16.700	Oversupply
2/19/19 9:35	0:01	KS	0.000	0.185	Oversupply
2/19/19 11:52	0:01	KWP	0.001	5.143	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/19/19 11:52	0:12	KWPIL	0.539	8.094	Oversupply
2/19/19 11:52	0:01	SMRR	0.006	0.901	Oversupply
2/19/19 11:53	0:01	SMRR	0.006	0.946	Oversupply
2/19/19 11:54	0:09	5A	Data is not available	Data is not available	Oversupply
2/19/19 11:54	0:09	BS	Data is not available	Data is not available	Oversupply
2/19/19 11:54	0:09	BS250	Data is not available	Data is not available	Oversupply
2/19/19 11:54	0:01	SMRR	0.006	1.000	Oversupply
2/19/19 11:55	0:10	SMRR	0.087	0.004	Oversupply
2/19/19 11:56	0:01	KS	0.005	1.282	Oversupply
2/19/19 11:56	0:09	KS	0.130	0.317	Oversupply
2/19/19 11:57	0:01	KWP	0.001	1.345	Oversupply
2/19/19 12:00	0:01	KWP	0.001	0.554	Oversupply
2/19/19 12:01	0:01	AWE	0.005	0.300	Oversupply
2/19/19 12:05	0:01	SMRR	0.007	0.265	Oversupply
2/19/19 12:06	0:01	KS	0.016	0.190	Oversupply
2/19/19 12:07	0:01	KS	0.016	1.085	Oversupply
2/20/19 8:57	0:01	SMRR	0.001	1.293	Oversupply
2/20/19 9:11	0:01	SMRR	0.001	1.307	Oversupply
2/20/19 9:12	0:01	KS	0.001	1.361	Oversupply
2/20/19 9:12	0:01	SMRR	0.001	1.540	Oversupply
2/20/19 9:14	0:01	KS	0.008	1.381	Oversupply
2/20/19 9:15	0:01	KS	0.015	1.426	Oversupply
2/20/19 9:15	0:01	SMRR	0.018	1.621	Oversupply
2/20/19 9:16	0:01	SMRR	0.018	0.796	Oversupply
2/20/19 9:17	0:01	SMRR	0.018	0.434	Oversupply
2/20/19 9:18	0:50	BS250	Data is not available	Data is not available	Oversupply
2/20/19 9:18	0:01	KS	0.015	1.391	Oversupply
2/20/19 9:18	0:01	SMRR	0.018	0.590	Oversupply
2/20/19 9:18	0:01	KS	0.015	1.071	Oversupply
2/20/19 9:19	0:49	AWE	1.725	10.500	Oversupply
2/20/19 9:19	0:01	SMRR	0.018	0.220	Oversupply
2/20/19 9:19	0:50	SMRR	1.540	0.018	Oversupply
2/20/19 9:19	0:01	KS	0.015	0.469	Oversupply
2/20/19 9:20	0:01	KS	0.015	0.481	Oversupply
2/20/19 9:21	0:50	KS	1.400	0.024	Oversupply
2/20/19 10:09	0:01	SMRR	0.025	0.068	Oversupply
2/20/19 10:10	0:01	SMRR	0.025	0.468	Oversupply
2/20/19 10:11	0:01	SMRR	0.025	0.518	Oversupply
2/20/19 10:11	0:01	KS	0.027	0.369	Oversupply
2/20/19 10:11	0:01	SMRR	0.025	0.626	Oversupply
2/20/19 10:12	0:01	KS	0.026	0.726	Oversupply
2/20/19 10:12	0:01	SMRR	0.025	0.796	Oversupply
2/20/19 10:13	0:01	SMRR	0.025	0.801	Oversupply
2/20/19 10:13	0:01	KS	0.027	0.555	Oversupply
2/20/19 10:14	0:01	KS	0.025	0.736	Oversupply
2/20/19 10:15	0:01	KS	0.010	0.741	Oversupply
2/20/19 10:15	0:01	SMRR	0.010	1.406	Oversupply
2/20/19 10:16	0:01	SMRR	0.010	1.677	Oversupply
2/20/19 10:17	0:01	KS	0.010	1.114	Oversupply
2/20/19 10:18	0:01	KS	0.010	1.525	Oversupply
2/20/19 10:19	0:01	KS	0.010	1.594	Oversupply
2/20/19 10:20	0:01	SMRR	0.010	2.198	Oversupply
2/20/19 10:20	0:01	KS	0.010	1.816	Oversupply
2/20/19 10:20	0:01	SMRR	0.010	1.986	Oversupply
2/20/19 10:21	0:01	SMRR	0.010	1.881	Oversupply
2/20/19 10:21	0:01	KS	0.010	2.330	Oversupply
2/20/19 10:22	0:01	SMRR	0.010	2.001	Oversupply
2/20/19 10:22	0:03	KS	0.030	1.998	Oversupply
2/20/19 10:23	0:01	SMRR	0.010	1.543	Oversupply
2/20/19 10:24	0:01	SMRR	0.010	1.713	Oversupply
2/20/19 10:24	0:01	SMRR	0.010	1.720	Oversupply
2/20/19 10:25	0:01	KS	0.010	1.730	Oversupply
2/20/19 10:25	0:01	SMRR	0.010	0.975	Oversupply
2/20/19 10:26	0:01	SMRR	0.010	1.199	Oversupply
2/20/19 10:26	0:01	KS	0.010	1.820	Oversupply
2/20/19 10:27	0:01	SMRR	0.010	0.925	Oversupply
2/20/19 10:27	0:01	KS	0.010	1.164	Oversupply
2/20/19 10:27	0:01	SMRR	0.010	0.843	Oversupply
2/20/19 10:28	0:01	KS	0.010	1.130	Oversupply
2/20/19 10:28	0:01	SMRR	0.010	0.932	Oversupply
2/20/19 10:28	0:01	KS	0.010	0.937	Oversupply
2/20/19 10:29	0:01	SMRR	0.013	0.739	Oversupply
2/20/19 10:29	0:01	KS	0.019	0.958	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/20/19 10:30	0:01	SMRR	0.027	0.928	Oversupply
2/20/19 10:30	0:01	KS	0.024	0.951	Oversupply
2/20/19 10:30	0:01	SMRR	0.026	0.849	Oversupply
2/20/19 10:31	0:01	KS	0.025	0.894	Oversupply
2/20/19 10:31	0:01	SMRR	0.026	0.885	Oversupply
2/20/19 10:32	0:01	KS	0.025	1.085	Oversupply
2/20/19 10:32	0:01	SMRR	0.026	0.620	Oversupply
2/20/19 10:33	0:01	SMRR	0.026	0.941	Oversupply
2/20/19 10:33	0:01	KS	0.025	0.730	Oversupply
2/20/19 10:33	0:01	SMRR	0.026	0.856	Oversupply
2/20/19 10:34	0:01	KS	0.025	0.809	Oversupply
2/20/19 10:34	0:01	SMRR	0.026	0.783	Oversupply
2/20/19 10:34	0:01	KS	0.025	1.016	Oversupply
2/20/19 10:35	0:01	SMRR	0.026	0.753	Oversupply
2/20/19 10:35	0:02	KS	0.050	0.967	Oversupply
2/20/19 10:36	0:01	SMRR	0.026	0.667	Oversupply
2/20/19 10:37	0:01	SMRR	0.026	0.750	Oversupply
2/20/19 10:37	0:01	KS	0.025	0.773	Oversupply
2/20/19 10:37	0:01	SMRR	0.026	0.795	Oversupply
2/20/19 10:38	0:01	KS	0.025	0.746	Oversupply
2/20/19 10:38	0:01	SMRR	0.026	0.393	Oversupply
2/20/19 10:39	0:26	BS250	Data is not available	Data is not available	Oversupply
2/20/19 10:39	0:27	AWE	0.425	6.400	Oversupply
2/20/19 10:39	0:01	KS	0.025	0.839	Oversupply
2/20/19 10:39	0:01	SMRR	0.026	0.343	Oversupply
2/20/19 10:40	0:27	SMRR	1.098	0.028	Oversupply
2/20/19 10:40	0:01	KS	0.025	0.634	Oversupply
2/20/19 10:41	0:01	KS	0.025	0.422	Oversupply
2/20/19 10:41	0:27	KS	0.936	0.084	Oversupply
2/20/19 11:06	0:01	SMRR	0.031	0.176	Oversupply
2/20/19 11:07	0:01	SMRR	0.030	0.037	Oversupply
2/20/19 11:08	0:01	SMRR	0.031	0.134	Oversupply
2/20/19 11:08	0:01	KS	0.023	0.155	Oversupply
2/20/19 11:09	0:01	SMRR	0.031	0.610	Oversupply
2/20/19 11:09	0:01	KS	0.023	0.063	Oversupply
2/20/19 11:09	0:01	SMRR	0.031	1.191	Oversupply
2/20/19 11:10	0:01	KS	0.023	0.126	Oversupply
2/20/19 11:10	0:01	SMRR	0.030	1.248	Oversupply
2/20/19 11:11	0:01	KS	0.023	0.499	Oversupply
2/20/19 11:11	0:01	SMRR	0.031	0.871	Oversupply
2/20/19 11:12	0:01	KS	0.023	0.662	Oversupply
2/20/19 11:12	0:01	SMRR	0.031	0.483	Oversupply
2/20/19 11:12	0:01	SMRR	0.031	0.986	Oversupply
2/20/19 11:13	0:01	KS	0.023	0.976	Oversupply
2/20/19 11:13	0:01	SMRR	0.031	0.799	Oversupply
2/20/19 11:13	0:01	KS	0.023	0.896	Oversupply
2/20/19 11:14	0:01	SMRR	0.025	0.367	Oversupply
2/20/19 11:14	0:01	KS	0.010	0.431	Oversupply
2/20/19 11:15	0:01	SMRR	0.012	0.875	Oversupply
2/20/19 11:15	0:01	KS	0.006	0.446	Oversupply
2/20/19 11:16	0:01	SMRR	0.012	1.712	Oversupply
2/20/19 11:16	0:01	KS	0.006	0.105	Oversupply
2/20/19 11:16	0:01	SMRR	0.011	1.798	Oversupply
2/20/19 11:17	0:01	KS	0.006	0.375	Oversupply
2/20/19 11:17	0:01	SMRR	0.012	1.783	Oversupply
2/20/19 11:18	0:01	KS	0.006	0.757	Oversupply
2/20/19 11:18	0:01	SMRR	0.012	1.839	Oversupply
2/20/19 11:19	0:01	KS	0.006	0.891	Oversupply
2/20/19 11:19	0:01	SMRR	0.011	2.100	Oversupply
2/20/19 11:19	0:01	SMRR	0.012	1.931	Oversupply
2/20/19 11:19	0:01	KS	0.006	1.023	Oversupply
2/20/19 11:20	0:01	KS	0.006	1.464	Oversupply
2/20/19 11:21	0:01	SMRR	0.012	1.896	Oversupply
2/20/19 11:21	0:01	KS	0.006	1.609	Oversupply
2/20/19 11:22	0:01	SMRR	0.012	2.397	Oversupply
2/20/19 11:22	0:01	KS	0.006	2.069	Oversupply
2/20/19 11:22	0:01	SMRR	0.012	2.037	Oversupply
2/20/19 11:23	0:01	KS	0.006	0.691	Oversupply
2/20/19 11:23	0:01	SMRR	0.011	1.505	Oversupply
2/20/19 11:24	0:01	KS	0.006	1.507	Oversupply
2/20/19 11:25	0:01	KS	0.006	1.708	Oversupply
2/20/19 11:25	0:01	KS	0.006	1.882	Oversupply
2/20/19 11:37	0:01	SMRR	0.003	1.351	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/20/19 11:39	0:01	SMRR	0.003	1.306	Oversupply
2/20/19 11:39	0:01	KS	0.003	2.758	Oversupply
2/20/19 11:40	0:01	SMRR	0.003	0.964	Oversupply
2/20/19 11:41	0:01	SMRR	0.003	1.130	Oversupply
2/20/19 11:41	0:01	KS	0.003	2.045	Oversupply
2/20/19 11:42	0:01	KS	0.003	1.493	Oversupply
2/20/19 11:43	0:01	KS	0.003	1.351	Oversupply
2/20/19 11:45	0:01	SMRR	0.006	1.444	Oversupply
2/20/19 11:46	0:01	SMRR	0.006	1.425	Oversupply
2/20/19 11:47	0:01	KS	0.004	2.539	Oversupply
2/20/19 11:48	0:01	SMRR	0.006	1.447	Oversupply
2/20/19 11:48	0:01	KS	0.004	1.860	Oversupply
2/20/19 11:48	0:01	SMRR	0.006	1.219	Oversupply
2/20/19 11:49	0:01	SMRR	0.006	0.912	Oversupply
2/20/19 11:50	0:01	KS	0.004	1.709	Oversupply
2/20/19 11:50	0:01	KS	0.004	1.575	Oversupply
2/20/19 11:51	0:01	SMRR	0.006	1.467	Oversupply
2/20/19 11:51	0:01	KS	0.004	1.386	Oversupply
2/20/19 11:51	0:01	SMRR	0.006	0.832	Oversupply
2/20/19 11:52	0:01	SMRR	0.006	0.981	Oversupply
2/20/19 11:53	0:01	SMRR	0.006	1.323	Oversupply
2/20/19 11:53	0:01	KS	0.004	1.269	Oversupply
2/20/19 11:54	0:01	SMRR	0.006	1.350	Oversupply
2/20/19 11:54	0:01	KS	0.004	1.560	Oversupply
2/20/19 11:55	0:01	SMRR	0.006	1.206	Oversupply
2/20/19 11:55	0:01	KS	0.004	2.277	Oversupply
2/20/19 11:55	0:01	SMRR	0.006	1.188	Oversupply
2/20/19 11:56	0:01	KS	0.004	2.529	Oversupply
2/20/19 11:57	0:01	KS	0.004	2.076	Oversupply
2/20/19 11:57	0:01	SMRR	0.006	1.710	Oversupply
2/20/19 11:57	0:01	KS	0.004	2.193	Oversupply
2/20/19 11:58	0:01	SMRR	0.006	1.684	Oversupply
2/20/19 11:58	0:01	KS	0.004	1.767	Oversupply
2/20/19 11:58	0:01	SMRR	0.006	1.474	Oversupply
2/20/19 11:59	0:01	SMRR	0.005	1.665	Oversupply
2/20/19 11:59	0:01	KS	0.004	2.160	Oversupply
2/20/19 12:00	0:01	SMRR	0.003	1.426	Oversupply
2/20/19 12:00	0:01	KS	0.007	2.062	Oversupply
2/20/19 12:01	0:01	SMRR	0.003	1.434	Oversupply
2/20/19 12:01	0:01	KS	0.007	2.210	Oversupply
2/20/19 12:01	0:01	SMRR	0.003	1.365	Oversupply
2/20/19 12:02	0:01	SMRR	0.003	1.442	Oversupply
2/20/19 12:03	0:01	KS	0.007	1.380	Oversupply
2/20/19 12:03	0:01	SMRR	0.003	1.313	Oversupply
2/20/19 12:03	0:01	KS	0.007	2.075	Oversupply
2/20/19 12:04	0:01	KS	0.007	2.113	Oversupply
2/20/19 12:04	0:01	SMRR	0.003	2.069	Oversupply
2/20/19 12:06	0:01	KS	0.007	2.753	Oversupply
2/20/19 13:15	0:01	SMRR	0.005	1.860	Oversupply
2/20/19 13:15	0:01	SMRR	0.005	1.889	Oversupply
2/20/19 13:16	0:01	SMRR	0.005	1.729	Oversupply
2/20/19 13:17	0:01	KS	0.003	2.430	Oversupply
2/20/19 13:17	0:01	SMRR	0.005	1.550	Oversupply
2/20/19 13:18	0:01	SMRR	0.005	1.440	Oversupply
2/20/19 13:18	0:01	KS	0.003	1.783	Oversupply
2/20/19 13:19	0:01	KS	0.003	2.115	Oversupply
2/20/19 13:19	0:01	KS	0.003	2.608	Oversupply
2/21/19 16:57	0:01	KWPPII	0.000	0.020	Oversupply
2/22/19 9:40	0:01	KS	0.000	1.745	Oversupply
2/22/19 9:40	0:01	SMRR	0.005	0.797	Oversupply
2/22/19 9:41	0:01	SMRR	0.005	0.664	Oversupply
2/22/19 9:42	0:01	SMRR	0.005	0.970	Oversupply
2/22/19 9:42	0:01	KS	0.000	1.775	Oversupply
2/22/19 9:43	0:01	SMRR	0.005	0.230	Oversupply
2/22/19 9:43	0:01	SMRR	0.006	0.161	Oversupply
2/22/19 9:44	0:27	BS250	Data is not available	Data is not available	Oversupply
2/22/19 9:44	0:01	KS	0.003	0.888	Oversupply
2/22/19 9:44	0:01	SMRR	0.013	0.443	Oversupply
2/22/19 9:45	0:01	KS	0.026	0.233	Oversupply
2/22/19 9:45	0:01	SMRR	0.026	0.299	Oversupply
2/22/19 9:45	0:01	KS	0.025	0.249	Oversupply
2/22/19 9:46	0:02	KWPPII	0.005	1.757	Oversupply
2/22/19 9:46	0:26	SMRR	0.932	0.016	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/22/19 9:46	0:01	KS	0.026	0.397	Oversupply
2/22/19 9:47	0:01	KS	0.026	0.039	Oversupply
2/22/19 9:48	0:01	KS	0.026	0.110	Oversupply
2/22/19 9:49	0:17	KWP2	0.228	1.888	Oversupply
2/22/19 9:49	0:21	AWE	0.421	9.300	Oversupply
2/22/19 9:49	0:25	KS	0.785	0.012	Oversupply
2/22/19 10:08	0:02	KWP2	0.002	0.084	Oversupply
2/22/19 10:12	0:01	SMRR	0.028	-0.002	Oversupply
2/22/19 10:13	0:01	SMRR	0.028	-0.002	Oversupply
2/22/19 10:13	0:01	SMRR	0.028	0.095	Oversupply
2/22/19 10:14	0:01	KS	0.019	0.642	Oversupply
2/22/19 10:14	0:01	SMRR	0.020	0.210	Oversupply
2/22/19 10:15	0:01	KS	0.005	1.279	Oversupply
2/22/19 10:15	0:01	SMRR	0.012	0.325	Oversupply
2/22/19 10:16	0:01	SMRR	0.012	0.679	Oversupply
2/22/19 10:16	0:01	KS	0.005	1.419	Oversupply
2/22/19 10:16	0:01	SMRR	0.012	0.697	Oversupply
2/22/19 10:17	0:01	KS	0.005	1.261	Oversupply
2/22/19 10:17	0:01	SMRR	0.012	0.923	Oversupply
2/22/19 10:17	0:01	KS	0.005	1.499	Oversupply
2/22/19 10:18	0:01	KS	0.005	1.650	Oversupply
2/22/19 10:19	0:01	KS	0.005	1.808	Oversupply
2/22/19 10:21	0:01	SMRR	0.012	2.143	Oversupply
2/22/19 10:23	0:01	KS	0.005	2.196	Oversupply
2/22/19 10:26	0:01	SMRR	0.012	1.731	Oversupply
2/22/19 10:26	0:01	SMRR	0.012	1.403	Oversupply
2/22/19 10:27	0:01	SMRR	0.012	1.163	Oversupply
2/22/19 10:28	0:01	KS	0.005	0.948	Oversupply
2/22/19 10:28	0:01	SMRR	0.012	1.231	Oversupply
2/22/19 10:29	0:01	SMRR	0.012	1.467	Oversupply
2/22/19 10:29	0:01	KS	0.005	0.973	Oversupply
2/22/19 10:29	0:01	SMRR	0.014	1.939	Oversupply
2/22/19 10:29	0:01	KS	-0.005	1.131	Oversupply
2/22/19 10:30	0:01	KS	0.000	1.214	Oversupply
2/22/19 10:31	0:01	KS	0.000	1.760	Oversupply
2/23/19 10:17	0:01	SMRR	0.007	2.200	Oversupply
2/23/19 10:18	0:01	SMRR	0.008	1.434	Oversupply
2/23/19 10:19	0:01	KS	0.003	2.477	Oversupply
2/23/19 10:19	0:01	SMRR	0.008	1.266	Oversupply
2/23/19 10:19	0:01	KS	0.003	1.793	Oversupply
2/23/19 10:20	0:01	SMRR	0.008	2.135	Oversupply
2/23/19 10:20	0:01	SMRR	0.008	2.238	Oversupply
2/23/19 10:20	0:01	KS	0.003	1.202	Oversupply
2/23/19 10:21	0:01	SMRR	0.007	2.044	Oversupply
2/23/19 10:21	0:01	KS	0.003	2.200	Oversupply
2/23/19 10:22	0:01	SMRR	0.008	2.186	Oversupply
2/23/19 10:23	0:01	SMRR	0.008	1.870	Oversupply
2/23/19 10:23	0:01	KS	0.003	2.009	Oversupply
2/23/19 10:23	0:01	SMRR	0.008	2.110	Oversupply
2/23/19 10:24	0:01	KS	0.003	2.126	Oversupply
2/23/19 10:24	0:01	SMRR	0.008	1.944	Oversupply
2/23/19 10:25	0:01	KS	0.003	1.936	Oversupply
2/23/19 10:25	0:01	SMRR	0.007	1.734	Oversupply
2/23/19 10:26	0:01	KS	0.003	2.162	Oversupply
2/23/19 10:26	0:01	SMRR	0.008	1.835	Oversupply
2/23/19 10:26	0:01	SMRR	0.008	2.015	Oversupply
2/23/19 10:26	0:01	KS	0.003	1.795	Oversupply
2/23/19 10:27	0:01	SMRR	0.008	1.738	Oversupply
2/23/19 10:27	0:01	KS	0.003	1.693	Oversupply
2/23/19 10:28	0:01	SMRR	0.007	1.457	Oversupply
2/23/19 10:28	0:01	KS	0.003	2.039	Oversupply
2/23/19 10:29	0:01	SMRR	0.008	1.707	Oversupply
2/23/19 10:29	0:01	KS	0.003	1.690	Oversupply
2/23/19 10:29	0:01	SMRR	0.003	1.436	Oversupply
2/23/19 10:30	0:01	KS	0.001	1.861	Oversupply
2/23/19 10:30	0:01	SMRR	0.004	1.516	Oversupply
2/23/19 10:31	0:01	KS	0.001	1.640	Oversupply
2/23/19 10:31	0:01	SMRR	0.004	1.427	Oversupply
2/23/19 10:32	0:01	KS	0.001	1.592	Oversupply
2/23/19 10:32	0:01	SMRR	0.004	2.030	Oversupply
2/23/19 10:32	0:01	KS	0.001	1.413	Oversupply
2/23/19 10:33	0:01	KS	0.001	1.474	Oversupply
2/23/19 10:46	0:01	SMRR	0.027	2.514	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/23/19 10:47	0:01	SMRR	0.027	1.567	Oversupply
2/23/19 10:48	0:01	SMRR	0.027	1.127	Oversupply
2/23/19 10:48	0:01	KS	0.013	2.603	Oversupply
2/23/19 10:48	0:01	SMRR	0.027	0.961	Oversupply
2/23/19 10:49	1:05	BS250	Data is not available	Data is not available	Oversupply
2/23/19 10:49	0:01	KS	0.013	1.698	Oversupply
2/23/19 10:49	0:01	SMRR	0.027	0.470	Oversupply
2/23/19 10:50	1:04	KWPPII	3.553	9.909	Oversupply
2/23/19 10:50	0:01	KS	0.013	1.382	Oversupply
2/23/19 10:50	1:05	SMRR	2.946	0.102	Oversupply
2/23/19 10:50	0:01	KS	0.013	0.963	Oversupply
2/23/19 10:51	0:01	KS	0.013	0.196	Oversupply
2/23/19 10:52	1:05	KS	2.577	0.035	Oversupply
2/23/19 11:40	0:01	AWE	0.004	0.300	Oversupply
2/23/19 11:55	0:01	SMRR	0.036	0.212	Oversupply
2/23/19 11:56	0:10	BS250	Data is not available	Data is not available	Oversupply
2/23/19 11:56	0:10	KWPPII	0.875	9.375	Oversupply
2/23/19 11:56	0:01	SMRR	0.036	0.385	Oversupply
2/23/19 11:56	0:01	SMRR	0.036	0.423	Oversupply
2/23/19 11:57	0:01	KS	0.041	0.423	Oversupply
2/23/19 11:57	0:10	SMRR	0.414	0.003	Oversupply
2/23/19 11:58	0:01	KS	0.039	0.517	Oversupply
2/23/19 11:59	0:10	KS	0.430	0.196	Oversupply
2/23/19 12:07	0:01	SMRR	0.030	0.373	Oversupply
2/23/19 12:08	0:01	SMRR	0.031	0.753	Oversupply
2/23/19 12:09	0:01	SMRR	0.031	0.813	Oversupply
2/23/19 12:09	0:01	KS	0.036	0.881	Oversupply
2/23/19 12:09	0:01	SMRR	0.031	0.928	Oversupply
2/23/19 12:10	0:01	KS	0.036	1.022	Oversupply
2/23/19 12:10	0:01	SMRR	0.031	1.090	Oversupply
2/23/19 12:11	0:01	KS	0.036	1.026	Oversupply
2/23/19 12:11	0:01	SMRR	0.030	1.412	Oversupply
2/23/19 12:12	0:01	KS	0.036	1.135	Oversupply
2/23/19 12:12	0:01	SMRR	0.031	1.444	Oversupply
2/23/19 12:13	0:01	SMRR	0.031	0.900	Oversupply
2/23/19 12:13	0:01	KS	0.036	1.265	Oversupply
2/23/19 12:13	0:01	SMRR	0.031	0.844	Oversupply
2/23/19 12:13	0:01	KS	0.036	1.311	Oversupply
2/23/19 12:14	0:01	SMRR	0.030	0.679	Oversupply
2/23/19 12:14	0:01	KS	0.036	0.946	Oversupply
2/23/19 12:15	0:04	KWPPII	0.036	7.197	Oversupply
2/23/19 12:15	0:01	SMRR	0.032	0.412	Oversupply
2/23/19 12:15	0:02	KS	0.072	0.790	Oversupply
2/23/19 12:16	0:04	SMRR	0.156	0.018	Oversupply
2/23/19 12:17	0:01	KS	0.036	0.196	Oversupply
2/23/19 12:18	0:03	KS	0.142	0.019	Oversupply
2/23/19 12:19	0:01	SMRR	0.031	-0.004	Oversupply
2/23/19 12:20	0:01	SMRR	0.031	-0.004	Oversupply
2/23/19 12:21	0:02	SMRR	0.062	-0.003	Oversupply
2/23/19 12:21	0:01	KS	0.036	0.141	Oversupply
2/23/19 12:22	0:01	KS	0.036	0.379	Oversupply
2/23/19 12:22	0:01	SMRR	0.031	0.846	Oversupply
2/23/19 12:23	0:01	KS	0.036	0.384	Oversupply
2/23/19 12:23	0:01	SMRR	0.031	1.299	Oversupply
2/23/19 12:24	0:01	KS	0.036	0.362	Oversupply
2/23/19 12:24	0:01	SMRR	0.031	0.567	Oversupply
2/23/19 12:25	0:01	KS	0.036	0.253	Oversupply
2/23/19 12:25	0:01	SMRR	0.032	0.793	Oversupply
2/23/19 12:26	0:01	SMRR	0.031	0.638	Oversupply
2/23/19 12:26	0:01	KS	0.036	0.342	Oversupply
2/23/19 12:26	0:01	SMRR	0.031	0.887	Oversupply
2/23/19 12:26	0:01	KS	0.036	0.776	Oversupply
2/23/19 12:27	0:01	SMRR	0.031	0.672	Oversupply
2/23/19 12:27	0:01	KS	0.036	0.710	Oversupply
2/23/19 12:28	0:01	SMRR	0.031	0.530	Oversupply
2/23/19 12:28	0:01	KS	0.036	0.842	Oversupply
2/23/19 12:29	0:01	SMRR	0.031	0.929	Oversupply
2/23/19 12:29	0:01	KS	0.036	0.718	Oversupply
2/23/19 12:29	0:01	SMRR	0.033	1.762	Oversupply
2/23/19 12:30	0:01	KS	0.036	0.599	Oversupply
2/23/19 12:30	0:01	SMRR	0.033	2.154	Oversupply
2/23/19 12:31	0:01	KS	0.036	1.179	Oversupply
2/23/19 12:31	0:01	SMRR	0.033	1.318	Oversupply
2/23/19 12:32	0:01	SMRR	0.033	0.629	Oversupply
2/23/19 12:32	0:01	KS	0.036	2.432	Oversupply
2/23/19 12:32	0:01	SMRR	0.033	0.191	Oversupply
2/23/19 12:32	0:01	KS	0.036	1.411	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/23/19 12:33	0:01	KWPIL	0.010	8.465	Oversupply
2/23/19 12:33	0:19	SMRR	0.862	0.039	Oversupply
2/23/19 12:33	0:01	KS	0.036	0.698	Oversupply
2/23/19 12:34	0:45	BS250	Data is not available	Data is not available	Oversupply
2/23/19 12:34	0:01	KS	0.036	0.199	Oversupply
2/23/19 12:35	0:44	KWPIL	1.301	10.522	Oversupply
2/23/19 12:35	0:02	KS	0.072	0.035	Oversupply
2/23/19 12:37	0:01	KS	0.035	0.060	Oversupply
2/23/19 12:38	0:16	KS	0.741	0.003	Oversupply
2/23/19 12:52	0:01	SMRR	0.036	0.049	Oversupply
2/23/19 12:53	0:29	SMRR	1.368	0.003	Oversupply
2/23/19 12:54	0:01	KS	0.041	0.045	Oversupply
2/23/19 12:55	0:28	KS	1.249	0.009	Oversupply
2/23/19 13:20	0:01	BS250	Data is not available	Data is not available	Oversupply
2/23/19 13:20	0:01	KWPIL	0.009	8.857	Oversupply
2/23/19 13:22	0:01	SMRR	0.034	0.124	Oversupply
2/23/19 13:23	0:01	KS	0.032	0.002	Oversupply
2/23/19 13:23	0:01	SMRR	0.034	0.256	Oversupply
2/23/19 13:23	0:01	KS	0.033	0.004	Oversupply
2/23/19 13:24	0:01	SMRR	0.034	0.451	Oversupply
2/23/19 13:24	0:01	KS	0.033	0.106	Oversupply
2/23/19 13:24	0:01	SMRR	0.034	0.644	Oversupply
2/23/19 13:25	0:01	SMRR	0.034	0.301	Oversupply
2/23/19 13:25	0:01	KS	0.033	0.508	Oversupply
2/23/19 13:26	0:01	SMRR	0.034	0.212	Oversupply
2/23/19 13:26	0:01	KS	0.033	0.687	Oversupply
2/23/19 13:27	0:01	SMRR	0.034	0.183	Oversupply
2/23/19 13:27	0:01	KS	0.033	0.273	Oversupply
2/23/19 13:27	0:01	SMRR	0.034	0.297	Oversupply
2/23/19 13:28	0:01	KS	0.033	0.197	Oversupply
2/23/19 13:28	0:01	SMRR	0.034	0.440	Oversupply
2/23/19 13:29	0:01	KS	0.033	0.343	Oversupply
2/23/19 13:29	0:01	SMRR	0.033	0.693	Oversupply
2/23/19 13:29	0:01	KS	0.031	0.258	Oversupply
2/23/19 13:30	0:01	SMRR	0.033	0.385	Oversupply
2/23/19 13:30	0:01	KS	0.037	0.541	Oversupply
2/23/19 13:30	0:01	SMRR	0.034	0.962	Oversupply
2/23/19 13:31	0:08	BS250	Data is not available	Data is not available	Oversupply
2/23/19 13:31	0:01	SMRR	0.032	0.679	Oversupply
2/23/19 13:31	0:01	KS	0.037	0.675	Oversupply
2/23/19 13:32	0:07	KWPIL	0.152	8.098	Oversupply
2/23/19 13:32	0:01	SMRR	0.033	0.202	Oversupply
2/23/19 13:32	0:01	KS	0.037	0.724	Oversupply
2/23/19 13:33	0:07	SMRR	0.294	0.008	Oversupply
2/23/19 13:33	0:01	KS	0.037	0.585	Oversupply
2/23/19 13:34	0:01	KS	0.037	0.131	Oversupply
2/23/19 13:35	0:07	KS	0.296	0.013	Oversupply
2/23/19 13:40	0:01	SMRR	0.033	-0.003	Oversupply
2/23/19 13:40	0:01	SMRR	0.033	0.404	Oversupply
2/23/19 13:41	0:01	SMRR	0.032	0.786	Oversupply
2/23/19 13:42	0:01	KS	0.036	0.141	Oversupply
2/23/19 13:42	0:01	SMRR	0.033	0.797	Oversupply
2/23/19 13:42	0:01	KS	0.037	0.763	Oversupply
2/23/19 13:43	0:01	SMRR	0.033	0.801	Oversupply
2/23/19 13:43	0:01	KS	0.037	1.071	Oversupply
2/23/19 13:43	0:01	SMRR	0.033	0.803	Oversupply
2/23/19 13:44	0:01	SMRR	0.022	0.803	Oversupply
2/23/19 13:44	0:01	KS	0.025	1.070	Oversupply
2/23/19 13:45	0:01	SMRR	0.013	0.975	Oversupply
2/23/19 13:45	0:01	KS	0.018	1.070	Oversupply
2/23/19 13:46	0:01	SMRR	0.013	1.220	Oversupply
2/23/19 13:46	0:01	KS	0.018	1.071	Oversupply
2/23/19 13:46	0:01	SMRR	0.012	1.449	Oversupply
2/23/19 13:47	0:01	KS	0.018	1.162	Oversupply
2/23/19 13:47	0:01	SMRR	0.013	2.359	Oversupply
2/23/19 13:48	0:01	KS	0.018	1.298	Oversupply
2/23/19 13:48	0:01	SMRR	0.013	1.677	Oversupply
2/23/19 13:49	0:01	KS	0.018	1.358	Oversupply
2/23/19 13:49	0:01	SMRR	0.013	1.621	Oversupply
2/23/19 13:49	0:01	KS	0.018	1.796	Oversupply
2/23/19 13:50	0:01	SMRR	0.013	1.743	Oversupply
2/23/19 13:50	0:01	KS	0.017	1.658	Oversupply
2/23/19 13:50	0:01	SMRR	0.012	2.186	Oversupply
2/23/19 13:51	0:01	SMRR	0.013	2.021	Oversupply
2/23/19 13:51	0:01	KS	0.018	1.682	Oversupply
2/23/19 13:52	0:01	SMRR	0.013	1.819	Oversupply
2/23/19 13:52	0:01	KS	0.018	2.222	Oversupply
2/23/19 13:53	0:01	SMRR	0.013	1.771	Oversupply
2/23/19 13:53	0:01	KS	0.018	1.996	Oversupply
2/23/19 13:53	0:01	SMRR	0.012	1.343	Oversupply
2/23/19 13:54	0:01	KS	0.018	1.950	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/23/19 13:54	0:01	SMRR	0.013	1.618	Oversupply
2/23/19 13:55	0:01	KS	0.018	1.732	Oversupply
2/23/19 13:55	0:01	SMRR	0.013	1.487	Oversupply
2/23/19 13:55	0:01	KS	0.018	1.559	Oversupply
2/23/19 13:56	0:01	SMRR	0.013	1.971	Oversupply
2/23/19 13:56	0:01	KS	0.017	1.440	Oversupply
2/23/19 13:57	0:01	KS	0.017	1.878	Oversupply
2/23/19 13:58	0:01	KS	0.018	2.536	Oversupply
2/24/19 1:52	0:01	KWPPII	0.001	11.218	Oversupply
2/24/19 2:05	0:01	KWPPII	0.003	12.809	Oversupply
2/24/19 2:51	0:01	KWPPII	0.001	13.955	Oversupply
2/24/19 5:16	0:09	KWPPII	0.134	14.857	Oversupply
2/24/19 9:07	0:01	SMRR	0.002	1.454	Oversupply
2/24/19 9:09	0:01	SMRR	0.002	1.181	Oversupply
2/24/19 9:10	0:01	KS	0.001	1.336	Oversupply
2/24/19 9:10	0:01	KS	0.001	1.349	Oversupply
2/24/19 9:11	0:01	KS	0.001	1.362	Oversupply
2/24/19 9:12	0:01	SMRR	0.002	1.354	Oversupply
2/24/19 9:12	0:01	KS	0.001	1.378	Oversupply
2/24/19 9:13	0:01	KS	0.001	1.394	Oversupply
2/24/19 9:13	0:01	SMRR	0.002	1.586	Oversupply
2/24/19 9:14	0:01	KS	0.002	1.193	Oversupply
2/24/19 9:14	0:01	SMRR	0.005	0.480	Oversupply
2/24/19 9:15	0:01	SMRR	0.013	0.778	Oversupply
2/24/19 9:16	0:01	KS	0.007	0.940	Oversupply
2/24/19 9:16	0:01	SMRR	0.013	1.182	Oversupply
2/24/19 9:16	0:01	SMRR	0.013	0.651	Oversupply
2/24/19 9:16	0:01	KS	0.007	0.684	Oversupply
2/24/19 9:17	0:01	SMRR	0.012	1.244	Oversupply
2/24/19 9:17	0:01	KS	0.007	0.956	Oversupply
2/24/19 9:18	0:02	SMRR	0.025	1.386	Oversupply
2/24/19 9:18	0:01	KS	0.007	0.711	Oversupply
2/24/19 9:19	0:01	KS	0.007	1.184	Oversupply
2/24/19 9:19	0:01	SMRR	0.013	0.995	Oversupply
2/24/19 9:20	0:01	KS	0.007	0.793	Oversupply
2/24/19 9:20	0:01	SMRR	0.013	0.931	Oversupply
2/24/19 9:21	0:01	KS	0.007	1.325	Oversupply
2/24/19 9:21	0:01	SMRR	0.013	1.610	Oversupply
2/24/19 9:22	0:01	KS	0.007	0.980	Oversupply
2/24/19 9:22	0:01	SMRR	0.013	1.596	Oversupply
2/24/19 9:23	0:01	SMRR	0.013	1.248	Oversupply
2/24/19 9:23	0:01	KS	0.007	1.189	Oversupply
2/24/19 9:24	0:01	SMRR	0.013	1.247	Oversupply
2/24/19 9:24	0:01	KS	0.007	1.258	Oversupply
2/24/19 9:25	0:02	KWPPII	0.007	15.222	Oversupply
2/24/19 9:25	0:01	SMRR	0.013	1.072	Oversupply
2/24/19 9:26	0:01	SMRR	0.013	0.540	Oversupply
2/24/19 9:26	0:01	KS	0.007	1.578	Oversupply
2/24/19 9:26	0:01	SMRR	0.012	0.027	Oversupply
2/24/19 9:27	0:01	KS	0.007	0.925	Oversupply
2/24/19 9:27	0:01	SMRR	0.013	0.014	Oversupply
2/24/19 9:28	0:01	KWPPII	0.009	13.032	Oversupply
2/24/19 9:28	0:03	KS	0.033	0.323	Oversupply
2/24/19 9:28	0:02	SMRR	0.025	0.019	Oversupply
2/24/19 9:29	0:01	SMRR	0.012	0.135	Oversupply
2/24/19 9:30	0:01	SMRR	0.010	0.219	Oversupply
2/24/19 9:31	0:01	SMRR	0.010	0.454	Oversupply
2/24/19 9:31	0:01	KS	0.011	0.138	Oversupply
2/24/19 9:32	0:01	SMRR	0.010	0.538	Oversupply
2/24/19 9:32	0:01	KS	0.011	0.427	Oversupply
2/24/19 9:32	0:01	SMRR	0.010	0.900	Oversupply
2/24/19 9:33	0:01	KS	0.011	0.572	Oversupply
2/24/19 9:33	0:01	SMRR	0.010	1.058	Oversupply
2/24/19 9:34	0:01	KS	0.011	0.577	Oversupply
2/24/19 9:34	0:01	SMRR	0.010	1.067	Oversupply
2/24/19 9:35	0:01	KS	0.011	0.682	Oversupply
2/24/19 9:35	0:01	SMRR	0.010	0.714	Oversupply
2/24/19 9:35	0:01	SMRR	0.010	0.959	Oversupply
2/24/19 9:35	0:01	KS	0.011	0.805	Oversupply
2/24/19 9:36	0:01	SMRR	0.010	1.032	Oversupply
2/24/19 9:36	0:01	KS	0.011	0.647	Oversupply
2/24/19 9:37	0:01	SMRR	0.010	1.070	Oversupply
2/24/19 9:37	0:01	KS	0.011	0.764	Oversupply
2/24/19 9:38	0:01	SMRR	0.010	1.158	Oversupply
2/24/19 9:38	0:01	KS	0.011	0.819	Oversupply
2/24/19 9:39	0:01	KS	0.011	1.199	Oversupply
2/24/19 9:40	0:01	KS	0.010	1.269	Oversupply
2/24/19 9:50	0:01	AWE	0.002	0.100	Oversupply
2/24/19 9:50	0:01	SMRR	0.008	0.726	Oversupply
2/24/19 9:51	0:01	SMRR	0.008	0.540	Oversupply
2/24/19 9:52	0:01	SMRR	0.008	0.031	Oversupply



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Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/24/19 9:52	0:01	KS	0.011	1.704	Oversupply
2/24/19 9:52	0:01	SMRR	0.008	0.214	Oversupply
2/24/19 9:53	0:05	BS250	Data is not available	Data is not available	Oversupply
2/24/19 9:53	0:03	KWPPII	0.055	13.117	Oversupply
2/24/19 9:53	0:01	KS	0.011	1.342	Oversupply
2/24/19 9:53	0:01	SMRR	0.008	0.062	Oversupply
2/24/19 9:54	0:01	KS	0.011	0.387	Oversupply
2/24/19 9:54	0:01	SMRR	0.008	0.133	Oversupply
2/24/19 9:54	0:01	KS	0.011	0.162	Oversupply
2/24/19 9:55	0:05	SMRR	0.058	0.009	Oversupply
2/24/19 9:55	0:01	KS	0.011	0.102	Oversupply
2/24/19 9:56	0:03	KS	0.033	0.026	Oversupply
2/24/19 9:57	0:01	KWPPII	0.003	12.823	Oversupply
2/24/19 9:59	4:32	BS250	Data is not available	Data is not available	Oversupply
2/24/19 9:59	0:01	KS	0.014	0.004	Oversupply
2/24/19 10:00	4:31	KWPPII	35.494	17.072	Oversupply
2/24/19 10:00	0:01	KS	0.029	0.001	Oversupply
2/24/19 10:00	0:01	SMRR	0.021	0.059	Oversupply
2/24/19 10:01	0:01	KS	0.029	0.118	Oversupply
2/24/19 10:01	4:32	SMRR	12.571	0.004	Oversupply
2/24/19 10:01	0:01	KS	0.029	0.348	Oversupply
2/24/19 10:02	4:31	KS	12.293	0.132	Oversupply
2/24/19 14:33	0:01	BS250	Data is not available	Data is not available	Oversupply
2/24/19 14:33	0:01	SMRR	0.035	0.517	Oversupply
2/24/19 14:33	0:01	KS	0.040	0.070	Oversupply
2/24/19 14:33	0:01	SMRR	0.036	0.615	Oversupply
2/24/19 14:34	0:01	KWPPII	0.001	17.076	Oversupply
2/24/19 14:34	0:01	KS	0.041	0.682	Oversupply
2/24/19 14:34	0:01	SMRR	0.036	0.047	Oversupply
2/24/19 14:35	0:07	BS250	Data is not available	Data is not available	Oversupply
2/24/19 14:35	0:01	SMRR	0.036	0.003	Oversupply
2/24/19 14:35	0:01	KS	0.040	0.642	Oversupply
2/24/19 14:36	0:07	KWPPII	0.188	18.960	Oversupply
2/24/19 14:36	0:01	SMRR	0.035	0.145	Oversupply
2/24/19 14:36	0:01	KS	0.040	0.012	Oversupply
2/24/19 14:36	0:01	SMRR	0.036	0.261	Oversupply
2/24/19 14:37	0:01	KS	0.040	0.004	Oversupply
2/24/19 14:37	0:07	SMRR	0.319	0.021	Oversupply
2/24/19 14:38	0:01	KS	0.039	0.180	Oversupply
2/24/19 14:38	0:07	KS	0.320	0.190	Oversupply
2/24/19 14:44	0:01	SMRR	0.033	0.268	Oversupply
2/24/19 14:45	0:01	SMRR	0.029	0.322	Oversupply
2/24/19 14:45	0:01	KS	0.036	0.002	Oversupply
2/24/19 14:46	0:01	SMRR	0.029	0.211	Oversupply
2/24/19 14:46	0:01	KS	0.036	0.215	Oversupply
2/24/19 14:46	0:01	SMRR	0.029	0.508	Oversupply
2/24/19 14:47	0:01	KS	0.036	0.224	Oversupply
2/24/19 14:47	0:01	SMRR	0.029	0.055	Oversupply
2/24/19 14:48	0:01	SMRR	0.028	0.400	Oversupply
2/24/19 14:48	0:01	KS	0.036	0.418	Oversupply
2/24/19 14:49	0:01	SMRR	0.029	1.009	Oversupply
2/24/19 14:49	0:01	KS	0.034	0.022	Oversupply
2/24/19 14:49	0:01	SMRR	0.029	0.957	Oversupply
2/24/19 14:50	0:01	KS	0.036	0.308	Oversupply
2/24/19 14:50	0:01	SMRR	0.029	1.286	Oversupply
2/24/19 14:50	0:01	KS	0.036	0.972	Oversupply
2/24/19 14:51	0:01	SMRR	0.028	1.490	Oversupply
2/24/19 14:51	0:01	KS	0.036	0.890	Oversupply
2/24/19 14:52	0:01	SMRR	0.029	1.533	Oversupply
2/24/19 14:52	0:01	KS	0.035	1.342	Oversupply
2/24/19 14:52	0:01	SMRR	0.029	1.198	Oversupply
2/24/19 14:53	0:01	KS	0.036	1.139	Oversupply
2/24/19 14:53	0:06	SMRR	0.231	0.111	Oversupply
2/24/19 14:54	0:06	BS250	Data is not available	Data is not available	Oversupply
2/24/19 14:54	0:04	KWPPII	0.047	18.392	Oversupply
2/24/19 14:54	0:01	KS	0.036	0.759	Oversupply
2/24/19 14:55	0:01	KS	0.036	0.378	Oversupply
2/24/19 14:56	0:05	KS	0.221	0.014	Oversupply
2/24/19 14:59	0:01	KWPPII	0.012	17.975	Oversupply
2/24/19 14:59	0:01	SMRR	0.032	0.192	Oversupply
2/24/19 15:00	0:02	SMRR	0.065	0.004	Oversupply
2/24/19 15:01	0:01	KS	0.040	0.081	Oversupply
2/24/19 15:02	0:02	BS250	Data is not available	Data is not available	Oversupply
2/24/19 15:02	0:10	KWPPII	0.178	18.775	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/24/19 15:02	0:01	SMRR	0.032	0.279	Oversupply
2/24/19 15:02	0:02	KS	0.078	0.027	Oversupply
2/24/19 15:02	0:01	SMRR	0.032	0.714	Oversupply
2/24/19 15:03	0:01	SMRR	0.032	0.353	Oversupply
2/24/19 15:03	0:01	KS	0.038	0.268	Oversupply
2/24/19 15:04	0:02	SMRR	0.066	0.038	Oversupply
2/24/19 15:04	0:01	KS	0.040	0.751	Oversupply
2/24/19 15:05	0:08	BS250	Data is not available	Data is not available	Oversupply
2/24/19 15:05	0:03	KS	0.120	0.238	Oversupply
2/24/19 15:05	0:01	SMRR	0.032	0.103	Oversupply
2/24/19 15:06	0:07	SMRR	0.290	0.010	Oversupply
2/24/19 15:08	0:07	KS	0.314	0.005	Oversupply
2/24/19 15:13	0:01	SMRR	0.032	0.182	Oversupply
2/24/19 15:14	0:01	SMRR	0.031	0.058	Oversupply
2/24/19 15:15	0:01	SMRR	0.008	0.927	Oversupply
2/24/19 15:15	0:01	KS	0.025	0.133	Oversupply
2/24/19 15:15	0:01	SMRR	0.008	1.630	Oversupply
2/24/19 15:15	0:01	KS	0.025	0.002	Oversupply
2/24/19 15:16	0:01	KS	0.025	0.573	Oversupply
2/24/19 15:17	0:01	KS	0.025	1.009	Oversupply
2/24/19 15:19	0:01	SMRR	0.008	2.240	Oversupply
2/24/19 15:20	0:01	SMRR	0.008	2.112	Oversupply
2/24/19 15:21	0:01	SMRR	0.008	1.944	Oversupply
2/24/19 15:21	0:01	SMRR	0.008	2.018	Oversupply
2/24/19 15:22	0:01	KS	0.025	0.891	Oversupply
2/24/19 15:22	0:01	SMRR	0.009	2.033	Oversupply
2/24/19 15:22	0:01	KS	0.024	1.006	Oversupply
2/24/19 15:23	0:01	SMRR	0.008	1.354	Oversupply
2/24/19 15:23	0:01	KS	0.025	0.876	Oversupply
2/24/19 15:24	0:01	SMRR	0.008	1.223	Oversupply
2/24/19 15:24	0:01	SMRR	0.008	2.220	Oversupply
2/24/19 15:25	0:01	KS	0.024	0.973	Oversupply
2/24/19 15:26	0:01	SMRR	0.008	2.220	Oversupply
2/24/19 15:27	0:01	SMRR	0.008	1.549	Oversupply
2/24/19 15:28	0:01	SMRR	0.008	1.503	Oversupply
2/24/19 15:28	0:01	KS	0.025	0.864	Oversupply
2/24/19 15:28	0:01	SMRR	0.008	1.583	Oversupply
2/24/19 15:28	0:01	KS	0.025	0.784	Oversupply
2/24/19 15:29	0:01	SMRR	0.007	0.753	Oversupply
2/24/19 15:29	0:02	KS	0.049	0.797	Oversupply
2/24/19 15:30	0:01	SMRR	0.004	1.319	Oversupply
2/24/19 15:31	0:01	KS	0.024	0.155	Oversupply
2/24/19 23:42	0:53	KWPPI	3.838	18.631	Oversupply
2/25/19 3:51	0:21	KWPPI	0.551	10.810	Oversupply
2/25/19 4:13	0:27	KWPPI	0.297	13.096	Oversupply
2/25/19 4:41	0:03	KWPPI	0.055	13.773	Oversupply
2/25/19 9:38	0:01	SMRR	0.004	1.933	Oversupply
2/25/19 9:39	0:01	SMRR	0.004	1.680	Oversupply
2/25/19 9:40	0:01	KS	0.001	1.823	Oversupply
2/25/19 9:40	0:01	SMRR	0.004	1.619	Oversupply
2/25/19 9:40	0:01	SMRR	0.004	1.753	Oversupply
2/25/19 9:40	0:01	KS	0.001	1.653	Oversupply
2/25/19 9:41	0:01	SMRR	0.004	1.469	Oversupply
2/25/19 9:41	0:01	KS	0.001	1.521	Oversupply
2/25/19 9:42	0:01	SMRR	0.004	1.399	Oversupply
2/25/19 9:42	0:01	KS	0.001	1.645	Oversupply
2/25/19 9:43	0:01	SMRR	0.004	1.182	Oversupply
2/25/19 9:43	0:01	KS	0.001	1.395	Oversupply
2/25/19 9:43	0:01	SMRR	0.004	1.079	Oversupply
2/25/19 9:44	0:01	KS	0.004	1.550	Oversupply
2/25/19 9:44	0:01	SMRR	0.011	0.747	Oversupply
2/25/19 9:45	0:01	KS	0.015	1.209	Oversupply
2/25/19 9:45	0:01	SMRR	0.018	0.910	Oversupply
2/25/19 9:46	0:01	KS	0.015	0.692	Oversupply
2/25/19 9:46	0:01	SMRR	0.018	0.978	Oversupply
2/25/19 9:46	0:01	SMRR	0.019	1.029	Oversupply
2/25/19 9:46	0:01	KS	0.014	0.802	Oversupply
2/25/19 9:47	0:01	SMRR	0.018	0.980	Oversupply
2/25/19 9:47	0:01	KS	0.015	1.060	Oversupply
2/25/19 9:48	0:01	SMRR	0.018	1.244	Oversupply
2/25/19 9:48	0:01	KS	0.015	0.802	Oversupply
2/25/19 9:49	0:01	SMRR	0.018	1.227	Oversupply
2/25/19 9:49	0:01	KS	0.015	0.924	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/25/19 9:50	0:01	SMRR	0.020	1.297	Oversupply
2/25/19 9:50	0:01	KS	0.014	1.283	Oversupply
2/25/19 9:50	0:01	SMRR	0.018	1.185	Oversupply
2/25/19 9:51	0:01	KS	0.015	1.097	Oversupply
2/25/19 9:51	0:01	SMRR	0.018	1.567	Oversupply
2/25/19 9:52	0:01	KS	0.014	1.227	Oversupply
2/25/19 9:52	0:02	SMRR	0.037	1.221	Oversupply
2/25/19 9:52	0:01	KS	0.014	1.089	Oversupply
2/25/19 9:53	0:11	BS250	Data is not available	Data is not available	Oversupply
2/25/19 9:53	0:07	5A	Data is not available	Data is not available	Oversupply
2/25/19 9:53	0:07	BS	Data is not available	Data is not available	Oversupply
2/25/19 9:53	0:03	AWE	0.002	0.200	Oversupply
2/25/19 9:53	0:06	KWP	0.009	0.132	Oversupply
2/25/19 9:53	0:12	KWP2	0.083	0.776	Oversupply
2/25/19 9:53	0:01	KS	0.015	1.148	Oversupply
2/25/19 9:53	0:01	SMRR	0.018	1.257	Oversupply
2/25/19 9:54	0:01	KS	0.015	1.379	Oversupply
2/25/19 9:54	0:11	SMRR	0.333	0.322	Oversupply
2/25/19 9:55	0:01	KS	0.015	1.163	Oversupply
2/25/19 9:56	0:12	KS	0.324	0.557	Oversupply
2/25/19 10:00	0:01	KWP	0.002	0.132	Oversupply
2/25/19 10:01	0:01	5A	Data is not available	Data is not available	Oversupply
2/25/19 10:01	0:01	BS	Data is not available	Data is not available	Oversupply
2/25/19 10:03	0:01	5A	Data is not available	Data is not available	Oversupply
2/25/19 10:03	0:01	BS	Data is not available	Data is not available	Oversupply
2/25/19 10:05	0:02	BS250	Data is not available	Data is not available	Oversupply
2/25/19 10:06	0:01	KWP2	0.002	0.941	Oversupply
2/25/19 10:06	0:01	SMRR	0.026	0.112	Oversupply
2/25/19 10:06	0:01	SMRR	0.026	0.105	Oversupply
2/25/19 10:07	0:01	SMRR	0.026	0.014	Oversupply
2/25/19 10:08	0:01	SMRR	0.026	0.042	Oversupply
2/25/19 10:08	0:01	KS	0.027	0.330	Oversupply
2/25/19 10:09	0:01	SMRR	0.025	0.148	Oversupply
2/25/19 10:09	0:01	KS	0.027	0.009	Oversupply
2/25/19 10:09	0:01	SMRR	0.026	0.379	Oversupply
2/25/19 10:10	0:01	KS	0.027	0.028	Oversupply
2/25/19 10:10	0:01	SMRR	0.026	0.737	Oversupply
2/25/19 10:11	0:01	KS	0.027	0.187	Oversupply
2/25/19 10:11	0:01	SMRR	0.026	0.533	Oversupply
2/25/19 10:11	0:01	KS	0.027	0.397	Oversupply
2/25/19 10:12	0:01	SMRR	0.025	0.681	Oversupply
2/25/19 10:12	0:01	KS	0.027	0.632	Oversupply
2/25/19 10:12	0:01	SMRR	0.026	0.852	Oversupply
2/25/19 10:13	0:01	KS	0.027	0.485	Oversupply
2/25/19 10:13	0:01	SMRR	0.026	1.293	Oversupply
2/25/19 10:14	0:01	SMRR	0.027	1.046	Oversupply
2/25/19 10:14	0:01	KS	0.026	0.689	Oversupply
2/25/19 10:15	0:01	SMRR	0.030	0.350	Oversupply
2/25/19 10:15	0:01	KS	0.029	0.787	Oversupply
2/25/19 10:16	0:01	SMRR	0.031	0.307	Oversupply
2/25/19 10:16	0:01	KS	0.029	0.924	Oversupply
2/25/19 10:16	0:02	SMRR	0.061	0.034	Oversupply
2/25/19 10:17	0:13	BS250	Data is not available	Data is not available	Oversupply
2/25/19 10:17	0:01	KS	0.028	1.014	Oversupply
2/25/19 10:17	0:01	KS	0.029	0.496	Oversupply
2/25/19 10:18	0:01	SMRR	0.030	0.139	Oversupply
2/25/19 10:18	0:01	KS	0.029	0.018	Oversupply
2/25/19 10:19	0:11	KWP2	0.111	1.904	Oversupply
2/25/19 10:19	0:01	SMRR	0.031	0.028	Oversupply
2/25/19 10:19	0:01	KS	0.029	0.056	Oversupply
2/25/19 10:19	0:12	SMRR	0.471	0.003	Oversupply
2/25/19 10:20	0:01	KS	0.029	0.007	Oversupply
2/25/19 10:21	0:01	KS	0.029	0.157	Oversupply
2/25/19 10:22	0:11	KS	0.358	0.013	Oversupply
2/25/19 10:25	0:05	5A	Data is not available	Data is not available	Oversupply
2/25/19 10:25	0:05	BS	Data is not available	Data is not available	Oversupply
2/25/19 10:28	0:01	KWP	0.001	0.132	Oversupply
2/25/19 10:31	0:01	5A	Data is not available	Data is not available	Oversupply
2/25/19 10:31	0:01	BS	Data is not available	Data is not available	Oversupply
2/25/19 10:31	0:01	BS250	Data is not available	Data is not available	Oversupply
2/25/19 10:31	0:01	KWP2	0.017	1.046	Oversupply
2/25/19 10:32	0:01	SMRR	0.025	0.746	Oversupply
2/25/19 10:32	0:01	SMRR	0.025	0.133	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/25/19 10:33	0:01	KS	0.025	0.127	Oversupply
2/25/19 10:33	0:01	SMRR	0.025	0.401	Oversupply
2/25/19 10:34	0:01	SMRR	0.024	0.872	Oversupply
2/25/19 10:34	0:01	KS	0.025	0.876	Oversupply
2/25/19 10:35	0:01	SMRR	0.025	0.798	Oversupply
2/25/19 10:35	0:01	KS	0.025	0.564	Oversupply
2/25/19 10:35	0:01	SMRR	0.025	0.654	Oversupply
2/25/19 10:36	0:01	KS	0.025	0.940	Oversupply
2/25/19 10:36	0:01	SMRR	0.025	0.617	Oversupply
2/25/19 10:36	0:01	KS	0.025	0.805	Oversupply
2/25/19 10:37	0:01	SMRR	0.024	0.995	Oversupply
2/25/19 10:37	0:01	KS	0.025	0.769	Oversupply
2/25/19 10:38	0:01	SMRR	0.025	0.937	Oversupply
2/25/19 10:38	0:01	KS	0.025	0.560	Oversupply
2/25/19 10:38	0:01	SMRR	0.025	1.082	Oversupply
2/25/19 10:39	0:01	KS	0.025	1.419	Oversupply
2/25/19 10:39	0:01	SMRR	0.025	1.075	Oversupply
2/25/19 10:40	0:01	KS	0.025	0.958	Oversupply
2/25/19 10:40	0:01	SMRR	0.024	0.699	Oversupply
2/25/19 10:41	0:01	SMRR	0.025	0.491	Oversupply
2/25/19 10:41	0:01	KS	0.025	1.190	Oversupply
2/25/19 10:41	0:01	SMRR	0.025	0.697	Oversupply
2/25/19 10:42	0:01	KS	0.024	0.524	Oversupply
2/25/19 10:42	0:01	SMRR	0.025	0.473	Oversupply
2/25/19 10:42	0:01	KS	0.025	0.715	Oversupply
2/25/19 10:43	0:01	SMRR	0.024	0.829	Oversupply
2/25/19 10:43	0:01	KS	0.025	0.873	Oversupply
2/25/19 10:44	0:01	KWP	0.002	0.132	Oversupply
2/25/19 10:44	0:01	KWP	0.004	0.513	Oversupply
2/25/19 10:44	0:01	SMRR	0.025	0.410	Oversupply
2/25/19 10:44	0:01	KS	0.026	0.435	Oversupply
2/25/19 10:45	0:01	SMRR	0.026	0.547	Oversupply
2/25/19 10:45	0:01	KS	0.028	0.773	Oversupply
2/25/19 10:45	0:01	SMRR	0.026	0.427	Oversupply
2/25/19 10:46	0:01	KS	0.027	0.273	Oversupply
2/25/19 10:46	0:01	SMRR	0.025	0.806	Oversupply
2/25/19 10:47	0:01	KS	0.028	0.473	Oversupply
2/25/19 10:47	0:01	SMRR	0.026	0.559	Oversupply
2/25/19 10:48	0:01	SMRR	0.026	0.577	Oversupply
2/25/19 10:48	0:01	KS	0.028	0.904	Oversupply
2/25/19 10:48	0:01	SMRR	0.026	0.638	Oversupply
2/25/19 10:49	0:01	KS	0.028	0.742	Oversupply
2/25/19 10:49	0:01	SMRR	0.026	0.574	Oversupply
2/25/19 10:49	0:01	KS	0.028	0.735	Oversupply
2/25/19 10:50	0:01	SMRR	0.025	0.298	Oversupply
2/25/19 10:50	0:01	KS	0.027	0.818	Oversupply
2/25/19 10:51	0:01	SMRR	0.026	0.314	Oversupply
2/25/19 10:51	0:01	KS	0.028	0.569	Oversupply
2/25/19 10:51	0:01	SMRR	0.026	0.214	Oversupply
2/25/19 10:52	0:01	KS	0.028	0.246	Oversupply
2/25/19 10:52	0:01	SMRR	0.026	0.559	Oversupply
2/25/19 10:53	0:01	KS	0.028	0.363	Oversupply
2/25/19 10:53	0:01	SMRR	0.026	0.672	Oversupply
2/25/19 10:54	0:01	KS	0.028	0.439	Oversupply
2/25/19 10:54	0:01	SMRR	0.025	0.287	Oversupply
2/25/19 10:54	0:01	SMRR	0.026	0.276	Oversupply
2/25/19 10:55	0:01	KWP	0.000	0.048	Oversupply
2/25/19 10:55	0:01	KS	0.028	0.858	Oversupply
2/25/19 10:55	0:01	SMRR	0.026	0.126	Oversupply
2/25/19 10:55	0:01	KS	0.028	0.574	Oversupply
2/25/19 10:56	0:01	SMRR	0.026	0.066	Oversupply
2/25/19 10:56	0:01	KS	0.028	0.270	Oversupply
2/25/19 10:57	0:34	BS250	Data is not available	Data is not available	Oversupply
2/25/19 10:57	0:01	SMRR	0.025	0.362	Oversupply
2/25/19 10:57	0:01	KS	0.027	0.193	Oversupply
2/25/19 10:58	0:01	KWP	0.000	0.132	Oversupply
2/25/19 10:58	0:16	AWE	0.088	0.700	Oversupply
2/25/19 10:58	0:33	KWP	0.264	1.737	Oversupply
2/25/19 10:58	0:01	SMRR	0.026	0.416	Oversupply
2/25/19 10:58	0:01	KS	0.028	0.037	Oversupply
2/25/19 10:58	0:34	SMRR	1.545	0.076	Oversupply
2/25/19 10:59	0:01	KS	0.030	0.591	Oversupply
2/25/19 11:00	0:12	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/25/19 11:00	0:12	BS	Data is not available	Data is not available	Oversupply
2/25/19 11:00	0:01	KS	0.037	0.213	Oversupply
2/25/19 11:01	0:33	KS	1.400	0.022	Oversupply
2/25/19 11:03	0:09	KWP	0.022	0.185	Oversupply
2/25/19 11:17	0:04	AWE	0.042	1.900	Oversupply
2/25/19 11:32	0:01	SMRR	0.029	0.137	Oversupply
2/25/19 11:33	0:01	SMRR	0.028	0.727	Oversupply
2/25/19 11:33	0:01	KS	0.032	0.004	Oversupply
2/25/19 11:33	0:01	SMRR	0.028	1.227	Oversupply
2/25/19 11:34	0:01	SMRR	0.027	0.879	Oversupply
2/25/19 11:34	0:01	KS	0.032	0.530	Oversupply
2/25/19 11:35	0:01	SMRR	0.028	0.744	Oversupply
2/25/19 11:35	0:01	KS	0.032	0.945	Oversupply
2/25/19 11:36	0:01	SMRR	0.028	0.810	Oversupply
2/25/19 11:36	0:01	KS	0.032	1.057	Oversupply
2/25/19 11:36	0:01	SMRR	0.028	0.697	Oversupply
2/25/19 11:37	0:01	KS	0.032	0.852	Oversupply
2/25/19 11:37	0:01	SMRR	0.028	0.128	Oversupply
2/25/19 11:38	0:01	KS	0.032	0.783	Oversupply
2/25/19 11:38	0:01	SMRR	0.027	0.314	Oversupply
2/25/19 11:39	0:01	KS	0.032	0.672	Oversupply
2/25/19 11:39	0:01	SMRR	0.028	0.603	Oversupply
2/25/19 11:39	0:01	KS	0.032	0.020	Oversupply
2/25/19 11:40	0:01	SMRR	0.028	1.072	Oversupply
2/25/19 11:40	0:01	KS	0.032	0.378	Oversupply
2/25/19 11:40	0:01	SMRR	0.028	1.021	Oversupply
2/25/19 11:41	0:02	SMRR	0.055	1.161	Oversupply
2/25/19 11:41	0:01	KS	0.032	1.042	Oversupply
2/25/19 11:42	0:01	KS	0.032	1.180	Oversupply
2/25/19 11:43	0:01	SMRR	0.028	1.186	Oversupply
2/25/19 11:43	0:01	KS	0.032	1.067	Oversupply
2/25/19 11:43	0:01	SMRR	0.028	0.902	Oversupply
2/25/19 11:44	0:01	KS	0.032	1.191	Oversupply
2/25/19 11:44	0:01	SMRR	0.031	0.663	Oversupply
2/25/19 11:45	0:01	KS	0.037	0.912	Oversupply
2/25/19 11:45	0:01	SMRR	0.034	0.908	Oversupply
2/25/19 11:45	0:01	KS	0.036	0.819	Oversupply
2/25/19 11:46	0:01	KWP	0.003	3.078	Oversupply
2/25/19 11:46	0:01	SMRR	0.035	0.701	Oversupply
2/25/19 11:46	0:01	KS	0.037	1.038	Oversupply
2/25/19 11:46	0:01	SMRR	0.035	0.029	Oversupply
2/25/19 11:47	0:01	SMRR	0.035	0.010	Oversupply
2/25/19 11:47	0:01	KS	0.037	0.882	Oversupply
2/25/19 11:48	0:01	SMRR	0.035	0.019	Oversupply
2/25/19 11:48	0:03	KS	0.112	0.072	Oversupply
2/25/19 11:49	0:02	SMRR	0.070	0.085	Oversupply
2/25/19 11:50	0:01	SMRR	0.035	0.050	Oversupply
2/25/19 11:51	0:02	BS250	Data is not available	Data is not available	Oversupply
2/25/19 11:51	0:02	KS	0.075	0.124	Oversupply
2/25/19 11:51	0:01	SMRR	0.034	0.169	Oversupply
2/25/19 11:52	0:01	KWP	0.005	2.710	Oversupply
2/25/19 11:52	0:02	SMRR	0.105	0.141	Oversupply
2/25/19 11:52	0:01	KS	0.037	0.186	Oversupply
2/25/19 11:53	0:01	KS	0.037	0.253	Oversupply
2/25/19 11:54	0:05	SMRR	0.208	0.108	Oversupply
2/25/19 11:54	0:02	KS	0.075	0.054	Oversupply
2/25/19 11:55	0:03	KWP	0.020	2.873	Oversupply
2/25/19 11:56	0:01	KS	0.037	0.149	Oversupply
2/25/19 11:57	0:04	KS	0.191	0.093	Oversupply
2/25/19 11:59	0:01	SMRR	0.035	0.038	Oversupply
2/25/19 11:59	0:01	SMRR	0.036	0.403	Oversupply
2/25/19 12:00	0:01	SMRR	0.035	0.417	Oversupply
2/25/19 12:01	0:12	BS250	Data is not available	Data is not available	Oversupply
2/25/19 12:01	0:01	SMRR	0.036	0.560	Oversupply
2/25/19 12:01	0:01	KS	0.040	0.289	Oversupply
2/25/19 12:02	0:04	KWP	0.065	3.638	Oversupply
2/25/19 12:02	0:01	SMRR	0.036	0.030	Oversupply
2/25/19 12:02	0:02	KS	0.080	0.656	Oversupply
2/25/19 12:02	0:05	SMRR	0.213	0.011	Oversupply
2/25/19 12:04	0:05	KS	0.236	0.463	Oversupply
2/25/19 12:07	0:07	KWP	0.096	3.747	Oversupply
2/25/19 12:07	0:01	SMRR	0.035	0.070	Oversupply
2/25/19 12:08	0:07	SMRR	0.319	0.033	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/25/19 12:09	0:01	KS	0.040	0.030	Oversupply
2/25/19 12:10	0:07	KS	0.319	0.013	Oversupply
2/25/19 12:14	0:53	BS250	Data is not available	Data is not available	Oversupply
2/25/19 12:15	0:53	KWP2	1.767	4.132	Oversupply
2/25/19 12:15	0:01	SMRR	0.037	0.022	Oversupply
2/25/19 12:15	0:53	SMRR	2.526	0.000	Oversupply
2/25/19 12:17	0:01	KS	0.039	0.127	Oversupply
2/25/19 12:17	0:53	KS	2.480	0.007	Oversupply
2/25/19 12:53	0:01	AWE	0.012	5.600	Oversupply
2/25/19 12:55	0:03	AWE	0.034	5.600	Oversupply
2/25/19 12:59	0:02	AWE	0.031	5.900	Oversupply
2/25/19 13:09	0:01	SMRR	0.034	0.369	Oversupply
2/25/19 13:10	0:14	BS250	Data is not available	Data is not available	Oversupply
2/25/19 13:10	0:15	KWP2	0.299	3.570	Oversupply
2/25/19 13:10	0:01	SMRR	0.033	0.806	Oversupply
2/25/19 13:10	0:01	KS	0.038	0.003	Oversupply
2/25/19 13:10	0:01	SMRR	0.034	1.063	Oversupply
2/25/19 13:11	0:01	KS	0.038	0.761	Oversupply
2/25/19 13:11	0:15	SMRR	0.669	0.991	Oversupply
2/25/19 13:12	0:01	KS	0.037	1.089	Oversupply
2/25/19 13:13	0:15	KS	0.680	1.166	Oversupply
2/25/19 13:26	0:01	SMRR	0.036	0.128	Oversupply
2/25/19 13:26	0:01	SMRR	0.036	0.349	Oversupply
2/25/19 13:27	0:01	SMRR	0.036	0.633	Oversupply
2/25/19 13:27	0:01	KS	0.040	0.126	Oversupply
2/25/19 13:28	0:02	KWP2	0.011	3.774	Oversupply
2/25/19 13:28	0:01	SMRR	0.036	0.299	Oversupply
2/25/19 13:28	0:01	KS	0.040	0.405	Oversupply
2/25/19 13:29	0:02	SMRR	0.060	0.008	Oversupply
2/25/19 13:29	0:01	KS	0.035	0.628	Oversupply
2/25/19 13:30	0:01	KS	0.027	0.547	Oversupply
2/25/19 13:30	0:01	SMRR	0.024	0.050	Oversupply
2/25/19 13:31	0:02	KS	0.057	0.010	Oversupply
2/25/19 13:31	0:01	SMRR	0.025	0.402	Oversupply
2/25/19 13:32	0:01	SMRR	0.025	0.872	Oversupply
2/25/19 13:32	0:01	KS	0.028	0.229	Oversupply
2/25/19 13:33	0:01	SMRR	0.025	0.693	Oversupply
2/25/19 13:33	0:01	KS	0.028	0.985	Oversupply
2/25/19 13:33	0:01	SMRR	0.024	0.932	Oversupply
2/25/19 13:34	0:01	SMRR	0.025	0.935	Oversupply
2/25/19 13:34	0:01	KS	0.028	1.442	Oversupply
2/25/19 13:35	0:01	SMRR	0.025	1.061	Oversupply
2/25/19 13:35	0:01	KS	0.028	1.078	Oversupply
2/25/19 13:36	0:01	SMRR	0.025	1.287	Oversupply
2/25/19 13:36	0:01	KS	0.027	1.460	Oversupply
2/25/19 13:36	0:01	SMRR	0.024	1.191	Oversupply
2/25/19 13:37	0:01	KS	0.028	1.307	Oversupply
2/25/19 13:37	0:01	SMRR	0.025	0.616	Oversupply
2/25/19 13:38	0:01	KS	0.028	1.108	Oversupply
2/25/19 13:38	0:01	SMRR	0.025	1.157	Oversupply
2/25/19 13:38	0:01	KS	0.028	0.568	Oversupply
2/25/19 13:39	0:01	SMRR	0.025	1.570	Oversupply
2/25/19 13:39	0:01	KS	0.028	0.668	Oversupply
2/25/19 13:39	0:01	SMRR	0.024	1.339	Oversupply
2/25/19 13:40	0:01	SMRR	0.025	1.032	Oversupply
2/25/19 13:40	0:01	KS	0.028	1.594	Oversupply
2/25/19 13:41	0:01	SMRR	0.025	1.110	Oversupply
2/25/19 13:41	0:01	KS	0.028	1.405	Oversupply
2/25/19 13:42	0:01	SMRR	0.025	0.920	Oversupply
2/25/19 13:42	0:01	KS	0.028	1.000	Oversupply
2/25/19 13:42	0:01	SMRR	0.025	0.867	Oversupply
2/25/19 13:43	0:01	KS	0.028	1.044	Oversupply
2/25/19 13:43	0:01	SMRR	0.025	1.279	Oversupply
2/25/19 13:44	0:01	KS	0.028	1.020	Oversupply
2/25/19 13:44	0:01	SMRR	0.020	1.538	Oversupply
2/25/19 13:45	0:01	KS	0.016	0.839	Oversupply
2/25/19 13:45	0:01	SMRR	0.013	1.989	Oversupply
2/25/19 13:45	0:01	KS	0.016	1.934	Oversupply
2/25/19 13:46	0:01	SMRR	0.013	1.715	Oversupply
2/25/19 13:46	0:01	KS	0.016	2.189	Oversupply
2/25/19 13:46	0:01	SMRR	0.013	1.603	Oversupply
2/25/19 13:47	0:01	SMRR	0.013	1.738	Oversupply
2/25/19 13:47	0:01	KS	0.016	2.337	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/25/19 13:48	0:01	SMRR	0.013	1.290	Oversupply
2/25/19 13:48	0:01	KS	0.016	1.829	Oversupply
2/25/19 13:49	0:01	SMRR	0.013	1.436	Oversupply
2/25/19 13:49	0:01	KS	0.016	1.698	Oversupply
2/25/19 13:49	0:01	SMRR	0.013	1.704	Oversupply
2/25/19 13:50	0:01	KS	0.016	1.268	Oversupply
2/25/19 13:50	0:01	SMRR	0.013	1.935	Oversupply
2/25/19 13:51	0:01	KS	0.016	1.372	Oversupply
2/25/19 13:51	0:01	SMRR	0.013	1.806	Oversupply
2/25/19 13:51	0:01	KS	0.016	1.705	Oversupply
2/25/19 13:52	0:01	SMRR	0.013	1.873	Oversupply
2/25/19 13:52	0:01	KS	0.016	2.123	Oversupply
2/25/19 13:52	0:01	SMRR	0.013	1.827	Oversupply
2/25/19 13:53	0:01	SMRR	0.013	1.884	Oversupply
2/25/19 13:53	0:01	KS	0.016	1.756	Oversupply
2/25/19 13:54	0:01	SMRR	0.013	1.702	Oversupply
2/25/19 13:54	0:01	KS	0.016	1.976	Oversupply
2/25/19 13:55	0:01	SMRR	0.013	1.475	Oversupply
2/25/19 13:55	0:01	KS	0.016	1.924	Oversupply
2/25/19 13:55	0:01	SMRR	0.013	1.788	Oversupply
2/25/19 13:56	0:01	KS	0.016	1.779	Oversupply
2/25/19 13:56	0:01	SMRR	0.013	1.951	Oversupply
2/25/19 13:57	0:01	KS	0.016	1.484	Oversupply
2/25/19 13:57	0:01	SMRR	0.013	2.025	Oversupply
2/25/19 13:58	0:01	KS	0.015	1.930	Oversupply
2/25/19 13:58	0:01	SMRR	0.014	2.632	Oversupply
2/25/19 13:58	0:01	KS	0.016	2.030	Oversupply
2/25/19 13:59	0:01	SMRR	0.013	2.727	Oversupply
2/25/19 13:59	0:01	KS	0.008	2.224	Oversupply
2/25/19 13:59	0:02	SMRR	0.010	2.701	Oversupply
2/25/19 14:00	0:01	KS	0.004	2.620	Oversupply
2/25/19 14:01	0:01	SMRR	0.004	2.768	Oversupply
2/25/19 14:01	0:01	KS	0.004	2.622	Oversupply
2/25/19 14:02	0:01	SMRR	0.003	2.785	Oversupply
2/25/19 14:02	0:01	KS	0.004	2.569	Oversupply
2/25/19 14:03	0:01	KS	0.004	2.860	Oversupply
2/25/19 14:03	0:01	SMRR	0.004	2.585	Oversupply
2/25/19 14:04	0:01	KS	0.004	2.811	Oversupply
2/25/19 14:04	0:01	SMRR	0.004	2.788	Oversupply
2/25/19 14:04	0:01	KS	0.004	2.966	Oversupply
2/25/19 14:05	0:01	SMRR	0.003	2.502	Oversupply
2/25/19 14:05	0:01	KS	0.004	2.663	Oversupply
2/25/19 14:05	0:01	SMRR	0.004	2.724	Oversupply
2/25/19 14:06	0:01	KS	0.004	2.428	Oversupply
2/25/19 14:06	0:01	SMRR	0.004	2.476	Oversupply
2/25/19 14:07	0:01	SMRR	0.004	2.679	Oversupply
2/25/19 14:08	0:01	KS	0.004	2.337	Oversupply
2/25/19 14:08	0:01	SMRR	0.003	2.657	Oversupply
2/25/19 14:09	0:01	KS	0.004	2.760	Oversupply
2/25/19 14:10	0:01	SMRR	0.004	2.521	Oversupply
2/25/19 14:10	0:01	KS	0.004	2.725	Oversupply
2/25/19 14:11	0:01	SMRR	0.004	2.036	Oversupply
2/25/19 14:12	0:01	SMRR	0.003	2.049	Oversupply
2/25/19 14:12	0:01	KS	0.004	2.266	Oversupply
2/25/19 14:12	0:01	SMRR	0.004	2.616	Oversupply
2/25/19 14:13	0:01	KS	0.004	1.945	Oversupply
2/25/19 14:14	0:01	KS	0.008	2.369	Oversupply
2/25/19 14:16	0:01	SMRR	0.018	2.673	Oversupply
2/25/19 14:17	0:01	SMRR	0.018	2.004	Oversupply
2/25/19 14:17	0:01	KS	0.019	2.795	Oversupply
2/25/19 14:18	0:01	SMRR	0.018	1.539	Oversupply
2/25/19 14:18	0:01	KS	0.019	2.143	Oversupply
2/25/19 14:18	0:01	SMRR	0.018	1.331	Oversupply
2/25/19 14:19	0:01	KS	0.019	1.388	Oversupply
2/25/19 14:19	0:01	SMRR	0.018	1.128	Oversupply
2/25/19 14:20	0:01	SMRR	0.018	1.571	Oversupply
2/25/19 14:20	0:01	KS	0.019	1.171	Oversupply
2/25/19 14:21	0:01	SMRR	0.018	1.014	Oversupply
2/25/19 14:21	0:01	KS	0.019	0.963	Oversupply
2/25/19 14:21	0:01	SMRR	0.018	0.846	Oversupply
2/25/19 14:22	0:01	KS	0.019	1.707	Oversupply
2/25/19 14:22	0:01	SMRR	0.018	0.617	Oversupply
2/25/19 14:23	0:01	KS	0.019	0.964	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/25/19 14:23	0:01	SMRR	0.018	0.910	Oversupply
2/25/19 14:23	0:01	KS	0.019	0.616	Oversupply
2/25/19 14:24	0:01	SMRR	0.018	1.477	Oversupply
2/25/19 14:24	0:01	KS	0.019	0.968	Oversupply
2/25/19 14:24	0:01	SMRR	0.018	0.959	Oversupply
2/25/19 14:25	0:01	KS	0.019	1.105	Oversupply
2/25/19 14:25	0:01	SMRR	0.018	0.868	Oversupply
2/25/19 14:26	0:01	KS	0.019	1.299	Oversupply
2/25/19 14:26	0:01	SMRR	0.018	0.485	Oversupply
2/25/19 14:27	0:01	SMRR	0.018	0.952	Oversupply
2/25/19 14:27	0:01	KS	0.019	0.991	Oversupply
2/25/19 14:28	0:01	SMRR	0.018	1.218	Oversupply
2/25/19 14:28	0:01	KS	0.019	0.786	Oversupply
2/25/19 14:28	0:01	SMRR	0.018	1.624	Oversupply
2/25/19 14:29	0:01	KS	0.019	0.920	Oversupply
2/25/19 14:29	0:01	SMRR	0.025	1.629	Oversupply
2/25/19 14:29	0:01	KS	0.036	1.007	Oversupply
2/25/19 14:30	0:01	SMRR	0.034	0.879	Oversupply
2/25/19 14:30	0:01	KS	0.037	1.399	Oversupply
2/25/19 14:31	0:12	BS250	Data is not available	Data is not available	Oversupply
2/25/19 14:31	0:01	SMRR	0.034	1.048	Oversupply
2/25/19 14:31	0:01	KS	0.037	1.074	Oversupply
2/25/19 14:31	0:01	SMRR	0.034	1.161	Oversupply
2/25/19 14:32	0:02	KWPPII	0.025	4.888	Oversupply
2/25/19 14:32	0:01	KS	0.037	0.869	Oversupply
2/25/19 14:32	0:01	SMRR	0.034	0.620	Oversupply
2/25/19 14:33	0:11	SMRR	0.510	0.022	Oversupply
2/25/19 14:33	0:01	KS	0.035	1.070	Oversupply
2/25/19 14:34	0:01	KS	0.037	0.801	Oversupply
2/25/19 14:35	0:11	KS	0.470	0.033	Oversupply
2/25/19 14:36	0:07	KWPPII	0.084	6.115	Oversupply
2/25/19 14:44	0:01	SMRR	0.029	0.325	Oversupply
2/25/19 14:45	0:01	SMRR	0.027	0.906	Oversupply
2/25/19 14:46	0:01	SMRR	0.027	1.401	Oversupply
2/25/19 14:46	0:01	KS	0.034	0.026	Oversupply
2/25/19 14:47	0:01	SMRR	0.027	1.429	Oversupply
2/25/19 14:47	0:01	KS	0.034	0.872	Oversupply
2/25/19 14:47	0:01	SMRR	0.027	0.451	Oversupply
2/25/19 14:48	0:02	KWPPII	0.032	6.618	Oversupply
2/25/19 14:48	0:01	KS	0.034	1.138	Oversupply
2/25/19 14:48	0:03	SMRR	0.106	0.010	Oversupply
2/25/19 14:48	0:01	KS	0.034	1.271	Oversupply
2/25/19 14:49	0:01	KS	0.034	1.025	Oversupply
2/25/19 14:50	0:03	KS	0.136	0.083	Oversupply
2/25/19 14:51	0:01	SMRR	0.027	0.022	Oversupply
2/25/19 14:52	0:01	SMRR	0.026	0.416	Oversupply
2/25/19 14:53	0:01	SMRR	0.027	0.724	Oversupply
2/25/19 14:53	0:01	SMRR	0.026	0.820	Oversupply
2/25/19 14:54	0:01	KS	0.034	0.646	Oversupply
2/25/19 14:54	0:02	SMRR	0.053	0.868	Oversupply
2/25/19 14:55	0:01	KS	0.034	0.707	Oversupply
2/25/19 14:55	0:01	KS	0.034	0.869	Oversupply
2/25/19 14:56	0:01	SMRR	0.027	1.138	Oversupply
2/25/19 14:56	0:01	KS	0.034	0.900	Oversupply
2/25/19 14:57	0:01	SMRR	0.026	0.920	Oversupply
2/25/19 14:57	0:01	KS	0.034	0.810	Oversupply
2/25/19 14:57	0:01	SMRR	0.027	0.285	Oversupply
2/25/19 14:58	0:01	KS	0.033	0.720	Oversupply
2/25/19 14:58	0:01	SMRR	0.027	0.656	Oversupply
2/25/19 14:59	0:01	SMRR	0.024	1.166	Oversupply
2/25/19 14:59	0:01	KS	0.029	0.436	Oversupply
2/25/19 15:00	0:01	SMRR	0.006	1.206	Oversupply
2/25/19 15:00	0:01	KS	0.011	0.371	Oversupply
2/25/19 15:00	0:01	SMRR	0.006	1.686	Oversupply
2/25/19 15:01	0:01	KS	0.011	0.898	Oversupply
2/25/19 15:01	0:01	SMRR	0.006	1.943	Oversupply
2/25/19 15:01	0:01	KS	0.011	0.938	Oversupply
2/25/19 15:02	0:01	SMRR	0.006	1.433	Oversupply
2/25/19 15:02	0:01	KS	0.011	1.326	Oversupply
2/25/19 15:03	0:01	KS	0.011	1.125	Oversupply
2/25/19 15:04	0:01	KS	0.011	1.369	Oversupply
2/26/19 0:45	0:01	KWPPII	0.010	12.557	Oversupply
2/26/19 2:23	0:10	KWPPII	0.038	8.552	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/26/19 2:49	0:19	KWPPII	0.392	7.001	Oversupply
2/26/19 3:11	0:01	KWPPII	0.005	4.266	Oversupply
2/26/19 7:57	0:01	AWE	0.002	0.100	Oversupply
2/26/19 11:07	0:01	KS	0.004	2.836	Oversupply
2/26/19 11:24	0:01	SMRR	0.004	2.830	Oversupply
2/26/19 11:25	0:01	SMRR	0.004	2.585	Oversupply
2/26/19 11:25	0:01	SMRR	0.003	2.770	Oversupply
2/26/19 11:26	0:01	KS	-0.001	1.711	Oversupply
2/26/19 11:27	0:01	KS	-0.001	1.659	Oversupply
2/26/19 12:23	0:01	SMRR	0.006	2.041	Oversupply
2/26/19 12:24	0:01	KS	-0.001	1.080	Oversupply
2/26/19 12:25	0:01	KS	-0.001	1.092	Oversupply
2/26/19 12:30	0:01	KS	0.000	1.075	Oversupply
2/26/19 12:49	0:01	SMRR	0.007	2.450	Oversupply
2/26/19 12:50	0:01	SMRR	0.007	2.039	Oversupply
2/26/19 12:51	0:01	KS	0.000	1.519	Oversupply
2/26/19 12:52	0:01	KS	0.000	1.441	Oversupply
2/26/19 15:07	0:01	SMRR	0.009	2.681	Oversupply
2/26/19 15:08	0:01	SMRR	0.009	2.200	Oversupply
2/26/19 15:08	0:01	KS	0.006	1.847	Oversupply
2/26/19 15:08	0:01	SMRR	0.009	2.138	Oversupply
2/26/19 15:09	0:01	SMRR	0.009	2.282	Oversupply
2/26/19 15:09	0:01	KS	0.006	1.932	Oversupply
2/26/19 15:10	0:01	SMRR	0.009	2.315	Oversupply
2/26/19 15:10	0:01	KS	0.006	0.832	Oversupply
2/26/19 15:11	0:01	SMRR	0.009	1.252	Oversupply
2/26/19 15:11	0:01	KS	0.006	0.800	Oversupply
2/26/19 15:11	0:01	SMRR	0.009	1.026	Oversupply
2/26/19 15:12	0:01	KS	0.006	0.590	Oversupply
2/26/19 15:12	0:01	SMRR	0.009	0.063	Oversupply
2/26/19 15:13	0:01	KS	0.006	0.453	Oversupply
2/26/19 15:13	0:01	SMRR	0.009	0.049	Oversupply
2/26/19 15:14	0:01	KS	0.006	0.331	Oversupply
2/26/19 15:14	0:01	KWPPII	0.009	15.900	Oversupply
2/26/19 15:14	0:02	SMRR	0.020	0.064	Oversupply
2/26/19 15:14	0:01	KS	0.004	0.062	Oversupply
2/26/19 15:15	0:01	KS	0.021	0.137	Oversupply
2/26/19 15:16	0:01	SMRR	0.006	0.183	Oversupply
2/26/19 15:16	0:02	KS	0.041	0.016	Oversupply
2/26/19 15:17	0:01	SMRR	0.006	0.404	Oversupply
2/26/19 15:18	0:01	SMRR	0.006	0.645	Oversupply
2/26/19 15:18	0:01	KS	0.021	0.126	Oversupply
2/26/19 15:19	0:01	KS	0.021	0.757	Oversupply
2/26/19 15:20	0:01	KS	0.021	0.935	Oversupply
2/26/19 23:30	0:01	KWPPII	0.002	15.344	Oversupply
2/26/19 23:36	1:37	KWPPII	10.004	18.766	Oversupply
2/27/19 1:14	0:01	KWPPII	0.007	18.547	Oversupply
2/27/19 1:29	0:01	KWPPII	0.011	17.572	Oversupply
2/27/19 1:33	0:01	KWPPII	0.013	17.565	Oversupply
2/27/19 1:51	0:08	KWPPII	0.366	18.111	Oversupply
2/27/19 2:05	0:13	KWPPII	0.339	16.387	Oversupply
2/27/19 2:19	0:10	KWPPII	0.116	17.101	Oversupply
2/27/19 2:32	0:01	KWPPII	0.001	16.943	Oversupply
2/27/19 3:05	1:46	KWPPII	7.278	19.041	Oversupply
2/27/19 4:57	0:01	KWPPII	0.007	18.502	Oversupply
2/27/19 5:01	0:01	KWPPII	0.001	18.765	Oversupply
2/27/19 5:41	0:02	KWPPII	0.025	19.111	Oversupply
2/27/19 8:41	0:01	KS	0.002	0.880	Oversupply
2/27/19 8:43	0:01	KS	0.002	0.920	Oversupply
2/27/19 8:44	0:01	SMRR	0.003	0.916	Oversupply
2/27/19 8:46	0:01	KS	0.004	1.000	Oversupply
2/27/19 8:53	0:01	SMRR	0.007	1.234	Oversupply
2/27/19 8:54	0:01	SMRR	0.007	1.012	Oversupply
2/27/19 8:55	0:01	KS	0.004	1.164	Oversupply
2/27/19 8:55	0:01	SMRR	0.006	0.634	Oversupply
2/27/19 8:55	0:01	SMRR	0.007	0.302	Oversupply
2/27/19 8:56	0:01	KS	0.004	0.818	Oversupply
2/27/19 8:56	0:01	SMRR	0.007	0.093	Oversupply
2/27/19 8:56	0:01	KS	0.004	0.851	Oversupply
2/27/19 8:57	0:01	SMRR	0.007	0.652	Oversupply
2/27/19 8:57	0:01	KS	0.004	0.195	Oversupply
2/27/19 8:58	0:01	SMRR	0.006	0.817	Oversupply
2/27/19 8:58	0:01	KS	0.004	0.063	Oversupply
2/27/19 8:59	0:01	SMRR	0.007	0.080	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/27/19 8:59	0:01	KS	0.002	0.590	Oversupply
2/27/19 8:59	0:01	SMRR	0.002	0.595	Oversupply
2/27/19 9:00	0:01	KS	0.003	0.577	Oversupply
2/27/19 9:00	0:02	SMRR	0.007	1.263	Oversupply
2/27/19 9:01	0:01	KS	0.003	0.020	Oversupply
2/27/19 9:02	0:01	KS	0.003	1.036	Oversupply
2/27/19 9:02	0:01	KS	0.003	1.302	Oversupply
2/27/19 9:08	0:01	KS	0.003	1.359	Oversupply
2/27/19 9:11	0:01	SMRR	0.003	1.652	Oversupply
2/27/19 9:12	0:01	SMRR	0.003	1.664	Oversupply
2/27/19 9:12	0:01	SMRR	0.003	1.559	Oversupply
2/27/19 9:13	0:01	SMRR	0.003	1.384	Oversupply
2/27/19 9:14	4:37	BS250	Data is not available	Data is not available	Oversupply
2/27/19 9:14	0:01	KS	0.003	1.493	Oversupply
2/27/19 9:14	0:01	SMRR	0.005	0.702	Oversupply
2/27/19 9:15	4:36	KWP	66.637	18.943	Oversupply
2/27/19 9:15	0:01	KS	0.021	1.455	Oversupply
2/27/19 9:15	0:01	SMRR	0.024	0.148	Oversupply
2/27/19 9:15	4:36	SMRR	11.921	0.022	Oversupply
2/27/19 9:15	0:01	KS	0.021	1.439	Oversupply
2/27/19 9:16	0:01	KS	0.021	0.435	Oversupply
2/27/19 9:17	4:33	KS	11.795	0.022	Oversupply
2/27/19 10:58	0:01	AWE	0.002	0.100	Oversupply
2/27/19 11:11	0:01	AWE	0.002	0.100	Oversupply
2/27/19 11:15	0:02	AWE	0.011	0.400	Oversupply
2/27/19 11:19	0:10	AWE	0.102	1.100	Oversupply
2/27/19 11:21	0:03	5A	Data is not available	Data is not available	Oversupply
2/27/19 11:21	0:03	BS	Data is not available	Data is not available	Oversupply
2/27/19 11:25	0:02	5A	Data is not available	Data is not available	Oversupply
2/27/19 11:25	0:02	BS	Data is not available	Data is not available	Oversupply
2/27/19 11:28	0:07	5A	Data is not available	Data is not available	Oversupply
2/27/19 11:28	0:07	BS	Data is not available	Data is not available	Oversupply
2/27/19 11:30	0:23	AWE	0.332	1.300	Oversupply
2/27/19 11:36	0:06	5A	Data is not available	Data is not available	Oversupply
2/27/19 11:36	0:06	BS	Data is not available	Data is not available	Oversupply
2/27/19 11:43	0:09	5A	Data is not available	Data is not available	Oversupply
2/27/19 11:43	0:09	BS	Data is not available	Data is not available	Oversupply
2/27/19 11:45	0:01	KWP	0.002	3.560	Oversupply
2/27/19 11:54	0:03	AWE	0.017	0.900	Oversupply
2/27/19 11:55	0:01	5A	Data is not available	Data is not available	Oversupply
2/27/19 11:55	0:01	BS	Data is not available	Data is not available	Oversupply
2/27/19 11:58	0:07	AWE	0.062	1.500	Oversupply
2/27/19 12:06	0:02	5A	Data is not available	Data is not available	Oversupply
2/27/19 12:06	0:02	BS	Data is not available	Data is not available	Oversupply
2/27/19 12:06	0:07	AWE	0.073	1.700	Oversupply
2/27/19 12:07	0:01	KWP	0.001	8.413	Oversupply
2/27/19 12:14	0:40	AWE	0.613	2.100	Oversupply
2/27/19 12:18	0:01	KWP	0.001	7.727	Oversupply
2/27/19 12:20	0:01	5A	Data is not available	Data is not available	Oversupply
2/27/19 12:20	0:01	BS	Data is not available	Data is not available	Oversupply
2/27/19 12:22	0:07	5A	Data is not available	Data is not available	Oversupply
2/27/19 12:22	0:07	BS	Data is not available	Data is not available	Oversupply
2/27/19 12:26	0:01	KWP	0.001	7.727	Oversupply
2/27/19 12:31	0:02	5A	Data is not available	Data is not available	Oversupply
2/27/19 12:31	0:02	BS	Data is not available	Data is not available	Oversupply
2/27/19 12:38	0:01	KWP	0.001	3.982	Oversupply
2/27/19 12:39	0:05	5A	Data is not available	Data is not available	Oversupply
2/27/19 12:39	0:05	BS	Data is not available	Data is not available	Oversupply
2/27/19 12:48	0:05	5A	Data is not available	Data is not available	Oversupply
2/27/19 12:48	0:05	BS	Data is not available	Data is not available	Oversupply
2/27/19 12:53	0:01	KWP	0.001	5.248	Oversupply
2/27/19 12:55	0:02	5A	Data is not available	Data is not available	Oversupply
2/27/19 12:55	0:02	BS	Data is not available	Data is not available	Oversupply
2/27/19 12:55	0:03	KWP	0.004	6.409	Oversupply
2/27/19 12:55	0:06	AWE	0.067	1.000	Oversupply
2/27/19 12:58	0:02	5A	Data is not available	Data is not available	Oversupply
2/27/19 12:58	0:02	BS	Data is not available	Data is not available	Oversupply
2/27/19 13:02	0:04	AWE	0.071	3.000	Oversupply
2/27/19 13:07	0:02	5A	Data is not available	Data is not available	Oversupply
2/27/19 13:07	0:02	BS	Data is not available	Data is not available	Oversupply
2/27/19 13:07	0:15	AWE	0.201	1.500	Oversupply
2/27/19 13:11	0:02	5A	Data is not available	Data is not available	Oversupply
2/27/19 13:11	0:02	BS	Data is not available	Data is not available	Oversupply
2/27/19 13:14	0:01	KWP	0.004	10.418	Oversupply
2/27/19 13:21	0:01	KWP	0.002	7.886	Oversupply
2/27/19 13:23	0:01	AWE	0.008	0.500	Oversupply
2/27/19 13:23	0:01	KWP	0.004	7.938	Oversupply
2/27/19 13:25	0:06	AWE	0.023	0.800	Oversupply
2/27/19 13:33	0:05	AWE	0.085	1.500	Oversupply
2/27/19 13:41	0:01	AWE	0.008	0.600	Oversupply
2/27/19 13:43	0:01	AWE	0.001	1.000	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/27/19 13:50	0:01	KS	0.040	0.252	Oversupply
2/27/19 13:51	0:01	KS	0.040	0.620	Oversupply
2/27/19 13:52	1:39	KS	4.701	0.967	Oversupply
2/27/19 13:52	0:01	SMRR	0.036	0.088	Oversupply
2/27/19 13:53	1:39	BS250	Data is not available	Data is not available	Oversupply
2/27/19 13:53	1:42	KWP11	12.887	19.058	Oversupply
2/27/19 13:53	0:01	SMRR	0.036	0.250	Oversupply
2/27/19 13:53	0:01	SMRR	0.036	0.421	Oversupply
2/27/19 13:54	1:39	SMRR	4.441	0.320	Oversupply
2/27/19 15:08	0:01	AWE	0.002	0.100	Oversupply
2/27/19 15:11	0:01	AWE	0.002	0.100	Oversupply
2/27/19 15:21	0:02	AWE	0.003	0.100	Oversupply
2/27/19 15:31	0:01	KS	0.035	0.052	Oversupply
2/27/19 15:32	0:02	KS	0.069	0.035	Oversupply
2/27/19 15:33	0:02	BS250	Data is not available	Data is not available	Oversupply
2/27/19 15:33	0:01	SMRR	0.023	0.053	Oversupply
2/27/19 15:34	0:01	KS	0.035	0.161	Oversupply
2/27/19 15:34	0:02	SMRR	0.047	0.022	Oversupply
2/27/19 15:35	0:01	KS	0.035	0.257	Oversupply
2/27/19 15:36	0:01	KS	0.035	0.476	Oversupply
2/27/19 15:36	0:01	SMRR	0.023	0.014	Oversupply
2/27/19 15:36	0:01	SMRR	0.023	0.363	Oversupply
2/27/19 15:36	0:02	KS	0.068	0.418	Oversupply
2/27/19 15:37	0:01	SMRR	0.023	0.695	Oversupply
2/27/19 15:38	0:01	SMRR	0.023	0.825	Oversupply
2/27/19 15:38	0:01	KS	0.035	0.432	Oversupply
2/27/19 15:39	0:01	KS	0.033	0.093	Oversupply
2/27/19 15:39	0:01	SMRR	0.023	1.074	Oversupply
2/27/19 15:40	0:01	KS	0.033	0.247	Oversupply
2/27/19 15:40	0:01	SMRR	0.023	1.404	Oversupply
2/27/19 15:41	0:01	KS	0.033	0.164	Oversupply
2/27/19 15:41	0:01	SMRR	0.023	1.408	Oversupply
2/27/19 15:42	0:01	SMRR	0.023	0.857	Oversupply
2/27/19 15:42	0:01	SMRR	0.023	0.890	Oversupply
2/27/19 15:44	0:01	KS	0.035	0.419	Oversupply
2/27/19 15:45	0:01	KS	0.032	0.132	Oversupply
2/27/19 15:46	0:01	KS	0.033	0.056	Oversupply
2/27/19 15:46	0:01	SMRR	0.011	1.398	Oversupply
2/27/19 15:47	0:01	KS	0.032	0.261	Oversupply
2/27/19 15:47	0:01	SMRR	0.011	1.117	Oversupply
2/27/19 15:48	0:01	SMRR	0.011	0.287	Oversupply
2/27/19 15:49	0:01	SMRR	0.011	0.737	Oversupply
2/27/19 15:50	0:01	KS	0.033	0.388	Oversupply
2/27/19 15:51	0:01	KS	0.033	0.183	Oversupply
2/27/19 15:52	0:02	KS	0.067	0.084	Oversupply
2/27/19 15:52	0:01	SMRR	0.011	2.031	Oversupply
2/27/19 15:53	0:01	KWP11	0.005	18.311	Oversupply
2/27/19 15:53	0:01	SMRR	0.011	1.070	Oversupply
2/27/19 15:53	0:02	KS	0.075	0.077	Oversupply
2/27/19 15:54	0:01	SMRR	0.011	0.027	Oversupply
2/27/19 15:55	0:01	SMRR	0.011	0.207	Oversupply
2/27/19 15:55	0:01	SMRR	0.011	0.728	Oversupply
2/28/19 0:16	0:28	KWP11	1.223	19.190	Oversupply
2/28/19 1:11	0:02	KWP11	0.005	18.478	Oversupply
2/28/19 2:37	0:07	KWP11	0.076	17.183	Oversupply
2/28/19 2:45	0:27	KWP11	1.326	17.181	Oversupply
2/28/19 3:41	0:21	KWP11	1.806	17.286	Oversupply
2/28/19 9:42	0:01	KS	-0.002	1.982	Oversupply
2/28/19 9:44	0:01	KS	0.006	1.656	Oversupply
2/28/19 9:45	0:01	SMRR	0.015	1.557	Oversupply
2/28/19 9:46	0:01	SMRR	0.015	0.966	Oversupply
2/28/19 9:47	0:01	KS	0.017	2.053	Oversupply
2/28/19 9:48	0:12	KWP11	0.410	15.606	Oversupply
2/28/19 9:49	0:10	KS	0.191	2.098	Oversupply
2/28/19 9:51	0:09	SMRR	0.185	1.375	Oversupply
2/28/19 9:59	0:01	KS	0.017	0.104	Oversupply
2/28/19 10:00	0:01	KS	0.017	0.496	Oversupply
2/28/19 10:01	0:01	KS	0.017	0.240	Oversupply
2/28/19 10:01	0:01	SMRR	0.021	-0.002	Oversupply
2/28/19 10:01	0:01	SMRR	0.021	-0.002	Oversupply
2/28/19 10:01	0:01	KS	0.017	0.775	Oversupply
2/28/19 10:02	0:01	SMRR	0.021	-0.002	Oversupply
2/28/19 10:02	0:01	KS	0.017	0.863	Oversupply
2/28/19 10:03	0:01	SMRR	0.021	-0.002	Oversupply
2/28/19 10:03	0:01	KS	0.017	0.901	Oversupply
2/28/19 10:04	0:01	SMRR	0.021	-0.002	Oversupply
2/28/19 10:04	0:01	KS	0.017	0.717	Oversupply
2/28/19 10:04	0:01	SMRR	0.021	-0.002	Oversupply
2/28/19 10:05	0:01	KS	0.016	0.413	Oversupply
2/28/19 10:05	0:01	SMRR	0.022	0.307	Oversupply
2/28/19 10:06	0:01	KS	0.017	0.015	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/28/19 10:06	0:01	SMRR	0.021	0.552	Oversupply
2/28/19 10:07	0:01	KS	0.017	0.049	Oversupply
2/28/19 10:07	0:01	SMRR	0.021	0.808	Oversupply
2/28/19 10:07	0:01	KS	0.017	1.123	Oversupply
2/28/19 10:07	0:01	SMRR	0.021	0.709	Oversupply
2/28/19 10:08	0:01	SMRR	0.021	0.141	Oversupply
2/28/19 10:08	0:01	KS	0.017	1.650	Oversupply
2/28/19 10:09	0:01	SMRR	0.021	0.503	Oversupply
2/28/19 10:09	0:01	KS	0.017	1.659	Oversupply
2/28/19 10:10	0:01	SMRR	0.021	1.334	Oversupply
2/28/19 10:10	0:01	KS	0.017	1.379	Oversupply
2/28/19 10:10	0:01	SMRR	0.021	2.161	Oversupply
2/28/19 10:11	0:01	KS	0.017	1.654	Oversupply
2/28/19 10:11	0:01	SMRR	0.021	1.446	Oversupply
2/28/19 10:12	0:01	KS	0.017	1.673	Oversupply
2/28/19 10:12	0:01	SMRR	0.021	1.507	Oversupply
2/28/19 10:13	0:01	KS	0.017	1.681	Oversupply
2/28/19 10:13	0:01	SMRR	0.021	2.125	Oversupply
2/28/19 10:13	0:01	KS	0.017	1.368	Oversupply
2/28/19 10:14	0:01	SMRR	0.021	2.262	Oversupply
2/28/19 10:14	0:01	SMRR	0.025	2.151	Oversupply
2/28/19 10:14	0:02	KS	0.056	0.494	Oversupply
2/28/19 10:15	0:01	SMRR	0.029	1.238	Oversupply
2/28/19 10:16	0:01	KWP2	0.015	12.783	Oversupply
2/28/19 10:16	0:01	SMRR	0.029	0.450	Oversupply
2/28/19 10:16	0:01	KS	0.031	0.147	Oversupply
2/28/19 10:17	0:02	SMRR	0.057	0.021	Oversupply
2/28/19 10:17	0:01	KS	0.031	0.004	Oversupply
2/28/19 10:18	0:01	KS	0.031	0.463	Oversupply
2/28/19 10:18	0:01	SMRR	0.029	-0.002	Oversupply
2/28/19 10:19	0:01	KS	0.031	0.236	Oversupply
2/28/19 10:19	0:01	SMRR	0.029	-0.002	Oversupply
2/28/19 10:20	0:01	KS	0.031	0.232	Oversupply
2/28/19 10:20	0:01	SMRR	0.029	-0.002	Oversupply
2/28/19 10:20	0:03	KS	0.092	0.018	Oversupply
2/28/19 10:20	0:01	SMRR	0.029	-0.002	Oversupply
2/28/19 10:21	0:03	KWP2	0.015	13.199	Oversupply
2/28/19 10:21	0:01	SMRR	0.029	-0.002	Oversupply
2/28/19 10:22	0:03	SMRR	0.114	-0.002	Oversupply
2/28/19 10:23	0:01	KS	0.031	0.233	Oversupply
2/28/19 10:24	0:01	KS	0.030	0.735	Oversupply
2/28/19 10:25	0:01	KS	0.031	0.951	Oversupply
2/28/19 10:25	0:01	SMRR	0.029	0.318	Oversupply
2/28/19 10:26	0:08	BS250	Data is not available	Data is not available	Oversupply
2/28/19 10:26	0:09	KS	0.331	0.584	Oversupply
2/28/19 10:26	0:01	SMRR	0.029	0.790	Oversupply
2/28/19 10:27	0:01	SMRR	0.028	0.891	Oversupply
2/28/19 10:27	0:08	KWP2	0.132	13.892	Oversupply
2/28/19 10:27	0:08	SMRR	0.351	0.028	Oversupply
2/28/19 10:34	0:01	KS	0.035	0.360	Oversupply
2/28/19 10:35	0:46	BS250	Data is not available	Data is not available	Oversupply
2/28/19 10:35	0:47	KS	1.957	0.003	Oversupply
2/28/19 10:36	0:47	KWP2	2.500	15.312	Oversupply
2/28/19 10:36	0:01	SMRR	0.033	-0.002	Oversupply
2/28/19 10:36	0:47	SMRR	2.143	-0.002	Oversupply
2/28/19 11:22	0:01	KS	0.035	0.055	Oversupply
2/28/19 11:23	0:01	KS	0.035	0.315	Oversupply
2/28/19 11:23	0:01	KS	0.033	0.409	Oversupply
2/28/19 11:24	0:01	SMRR	0.032	0.226	Oversupply
2/28/19 11:24	0:01	KS	0.034	1.443	Oversupply
2/28/19 11:24	0:01	SMRR	0.033	0.177	Oversupply
2/28/19 11:25	0:01	KS	0.035	1.973	Oversupply
2/28/19 11:25	0:01	SMRR	0.033	0.515	Oversupply
2/28/19 11:26	0:01	KS	0.035	0.801	Oversupply
2/28/19 11:26	0:01	SMRR	0.033	1.586	Oversupply
2/28/19 11:27	0:01	SMRR	0.032	1.625	Oversupply
2/28/19 11:27	0:01	KS	0.035	0.471	Oversupply
2/28/19 11:28	0:01	SMRR	0.033	1.237	Oversupply
2/28/19 11:28	0:01	KS	0.035	0.669	Oversupply
2/28/19 11:28	0:01	SMRR	0.033	0.444	Oversupply
2/28/19 11:29	0:01	KS	0.035	1.131	Oversupply
2/28/19 11:29	0:01	SMRR	0.023	0.236	Oversupply
2/28/19 11:29	0:01	KS	0.010	1.919	Oversupply
2/28/19 11:30	0:01	SMRR	0.009	0.751	Oversupply
2/28/19 11:30	0:01	KS	0.008	1.871	Oversupply
2/28/19 11:31	0:01	SMRR	0.009	1.127	Oversupply
2/28/19 11:31	0:01	KS	0.008	2.044	Oversupply
2/28/19 11:31	0:01	SMRR	0.009	1.890	Oversupply
2/28/19 11:32	0:01	KS	0.008	1.987	Oversupply
2/28/19 11:32	0:01	SMRR	0.009	1.544	Oversupply
2/28/19 11:33	0:01	KS	0.008	2.168	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
2/28/19 11:33	0:01	SMRR	0.009	2.175	Oversupply
2/28/19 11:34	0:01	SMRR	0.009	2.264	Oversupply
2/28/19 11:34	0:01	KS	0.008	2.246	Oversupply
2/28/19 11:34	0:01	SMRR	0.009	2.202	Oversupply
2/28/19 11:35	0:01	KS	0.007	1.457	Oversupply
2/28/19 11:35	0:01	SMRR	0.009	2.241	Oversupply
2/28/19 11:35	0:01	KS	0.008	2.281	Oversupply
2/28/19 11:36	0:01	SMRR	0.009	2.260	Oversupply
2/28/19 11:36	0:01	KS	0.008	1.710	Oversupply
2/28/19 11:37	0:01	SMRR	0.009	1.701	Oversupply
2/28/19 11:37	0:01	KS	0.008	2.237	Oversupply
2/28/19 11:37	0:01	SMRR	0.009	2.231	Oversupply
2/28/19 11:38	0:01	SMRR	0.009	1.666	Oversupply
2/28/19 11:39	0:01	KS	0.007	2.697	Oversupply
2/28/19 11:39	0:01	SMRR	0.009	1.961	Oversupply
2/28/19 11:40	0:01	KS	0.008	2.744	Oversupply
2/28/19 12:32	0:01	KS	0.005	1.224	Oversupply
2/28/19 12:32	0:01	KS	0.005	1.163	Oversupply
2/28/19 12:33	0:01	KS	0.005	0.802	Oversupply
2/28/19 12:34	0:01	SMRR	0.010	2.635	Oversupply
2/28/19 12:34	0:01	KS	0.005	0.630	Oversupply
2/28/19 12:35	0:01	SMRR	0.010	2.272	Oversupply
2/28/19 12:35	0:01	KS	0.005	0.658	Oversupply
2/28/19 12:35	0:01	SMRR	0.010	1.888	Oversupply
2/28/19 12:36	0:01	KS	0.005	0.625	Oversupply
2/28/19 12:36	0:01	SMRR	0.010	1.562	Oversupply
2/28/19 12:37	0:01	KS	0.005	0.602	Oversupply
2/28/19 12:37	0:01	SMRR	0.010	1.563	Oversupply
2/28/19 12:38	0:01	KS	0.005	0.401	Oversupply
2/28/19 12:38	0:01	SMRR	0.010	1.371	Oversupply
2/28/19 12:39	0:01	KS	0.005	0.969	Oversupply
2/28/19 12:39	0:01	SMRR	0.010	1.285	Oversupply
2/28/19 12:39	0:01	SMRR	0.010	1.177	Oversupply
2/28/19 12:39	0:01	KS	0.005	0.864	Oversupply
2/28/19 12:40	0:01	SMRR	0.010	1.385	Oversupply
2/28/19 12:40	0:01	KS	0.005	1.045	Oversupply
2/28/19 12:41	0:01	SMRR	0.010	1.733	Oversupply
2/28/19 12:41	0:01	KS	0.005	1.286	Oversupply
2/28/19 12:42	0:01	SMRR	0.010	1.732	Oversupply
2/28/19 12:42	0:01	KS	0.005	1.131	Oversupply
2/28/19 12:42	0:01	SMRR	0.010	1.822	Oversupply
2/28/19 12:43	0:01	KS	0.005	0.663	Oversupply
2/28/19 12:43	0:01	SMRR	0.010	2.447	Oversupply
2/28/19 12:44	0:01	KS	0.005	0.352	Oversupply
2/28/19 12:44	0:01	SMRR	0.011	2.382	Oversupply
2/28/19 12:45	0:01	KS	0.013	0.390	Oversupply
2/28/19 12:45	0:01	SMRR	0.016	1.244	Oversupply
2/28/19 12:45	0:01	SMRR	0.016	0.878	Oversupply
2/28/19 12:45	0:01	KS	0.014	0.462	Oversupply
2/28/19 12:46	0:01	SMRR	0.016	0.791	Oversupply
2/28/19 12:46	0:01	KS	0.014	0.785	Oversupply
2/28/19 12:47	0:01	SMRR	0.016	0.917	Oversupply
2/28/19 12:47	0:01	KS	0.014	1.220	Oversupply
2/28/19 12:48	0:01	SMRR	0.016	0.916	Oversupply
2/28/19 12:48	0:01	KS	0.014	1.749	Oversupply
2/28/19 12:48	0:01	SMRR	0.016	1.472	Oversupply
2/28/19 12:49	0:01	KS	0.014	1.395	Oversupply
2/28/19 12:49	0:01	SMRR	0.016	2.052	Oversupply
2/28/19 12:50	0:01	KS	0.014	1.160	Oversupply
2/28/19 12:50	0:01	SMRR	0.016	2.136	Oversupply
2/28/19 12:51	0:01	KS	0.014	1.154	Oversupply
2/28/19 12:51	0:01	SMRR	0.016	2.024	Oversupply
2/28/19 12:51	0:01	KS	0.014	1.244	Oversupply
2/28/19 12:52	0:01	SMRR	0.016	1.241	Oversupply
2/28/19 12:52	0:01	SMRR	0.016	1.542	Oversupply
2/28/19 12:52	0:01	KS	0.014	0.972	Oversupply
2/28/19 12:53	0:01	SMRR	0.016	2.290	Oversupply
2/28/19 12:53	0:01	KS	0.014	1.204	Oversupply
2/28/19 12:54	0:01	SMRR	0.016	1.777	Oversupply
2/28/19 12:54	0:01	KS	0.014	2.086	Oversupply
2/28/19 12:55	0:01	SMRR	0.016	1.951	Oversupply
2/28/19 12:55	0:01	KS	0.013	1.807	Oversupply
2/28/19 12:55	0:01	SMRR	0.016	2.394	Oversupply
2/28/19 12:56	0:01	KS	0.014	0.777	Oversupply
2/28/19 12:56	0:01	SMRR	0.016	2.191	Oversupply
2/28/19 12:57	0:01	KS	0.014	0.647	Oversupply
2/28/19 12:57	0:01	SMRR	0.016	2.519	Oversupply
2/28/19 12:58	0:01	KS	0.014	1.034	Oversupply
2/28/19 12:58	0:01	SMRR	0.016	1.537	Oversupply
2/28/19 12:58	0:01	KS	0.014	1.270	Oversupply
2/28/19 12:58	0:01	SMRR	0.016	0.639	Oversupply



Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWh	Peak MW Curtailed	Reasons for Curtailment
2/28/19 12:59	0:01	SMRR	0.013	0.679	Oversupply
2/28/19 12:59	0:01	KS	0.004	1.147	Oversupply
2/28/19 13:00	0:01	SMRR	0.011	0.909	Oversupply
2/28/19 13:00	0:01	KS	0.011	2.233	Oversupply
2/28/19 13:01	0:01	SMRR	0.011	1.319	Oversupply
2/28/19 13:01	0:01	KS	0.011	2.013	Oversupply
2/28/19 13:01	0:01	SMRR	0.010	1.179	Oversupply
2/28/19 13:02	0:01	KS	0.011	1.626	Oversupply
2/28/19 13:02	0:01	SMRR	0.011	2.065	Oversupply
2/28/19 13:03	0:01	KS	0.011	1.766	Oversupply
2/28/19 13:03	0:01	SMRR	0.011	2.008	Oversupply
2/28/19 13:04	0:01	KS	0.011	2.128	Oversupply
2/28/19 13:04	0:01	SMRR	0.011	2.539	Oversupply
2/28/19 13:05	0:01	SMRR	0.010	1.896	Oversupply
2/28/19 13:05	0:01	KS	0.011	1.914	Oversupply
2/28/19 13:05	0:01	SMRR	0.011	2.151	Oversupply
2/28/19 13:06	0:01	SMRR	0.011	1.911	Oversupply
2/28/19 13:06	0:01	KS	0.011	2.297	Oversupply
2/28/19 13:07	0:01	SMRR	0.011	1.993	Oversupply
2/28/19 13:07	0:01	KS	0.011	2.540	Oversupply
2/28/19 13:08	0:01	SMRR	0.011	2.003	Oversupply
2/28/19 13:08	0:01	SMRR	0.010	2.330	Oversupply
2/28/19 13:09	0:01	SMRR	0.011	2.436	Oversupply
2/28/19 13:10	0:01	KS	0.011	2.584	Oversupply
2/28/19 13:12	0:01	KS	0.011	2.020	Oversupply
2/28/19 13:13	0:01	SMRR	0.011	2.831	Oversupply
2/28/19 13:13	0:01	KS	0.011	2.282	Oversupply
2/28/19 13:14	0:01	KS	0.009	1.760	Oversupply
2/28/19 13:14	0:01	SMRR	0.006	1.890	Oversupply
2/28/19 13:15	0:01	KS	0.003	1.925	Oversupply
2/28/19 13:15	0:01	SMRR	0.006	0.991	Oversupply
2/28/19 13:16	0:01	KS	0.003	2.485	Oversupply
2/28/19 13:16	0:01	SMRR	0.006	1.665	Oversupply
2/28/19 13:16	0:01	KS	0.003	1.789	Oversupply
2/28/19 13:17	0:01	SMRR	0.006	1.840	Oversupply
2/28/19 13:17	0:01	KS	0.003	2.117	Oversupply
2/28/19 13:17	0:01	SMRR	0.006	2.466	Oversupply
2/28/19 13:18	0:01	KS	0.003	2.584	Oversupply
2/28/2019 13:18	0:01	SMRR	0.006	1.583	Oversupply
2/28/19 13:19	0:01	SMRR	0.006	1.812	Oversupply
2/28/19 13:21	0:01	SMRR	0.006	2.258	Oversupply
2/28/19 14:01	0:01	KS	0.002	2.786	Oversupply
2/28/19 14:02	0:01	KS	0.002	2.930	Oversupply
2/28/19 14:03	0:01	KS	0.002	2.788	Oversupply
2/28/19 14:03	0:01	SMRR	0.004	2.844	Oversupply
2/28/19 14:05	0:01	KS	0.002	2.214	Oversupply
2/28/19 14:06	0:01	SMRR	0.004	1.504	Oversupply
2/28/19 14:06	0:01	SMRR	0.004	1.319	Oversupply
Total Estimated Curtailed MWh			929.504		

Notes:

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

February 2019



Lanai Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
2/1/2019 7:58	0:03	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 11:46	0:03	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 12:01	0:02	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 12:08	0:05	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 12:14	0:04	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 12:19	0:11	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 12:31	0:02	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 12:37	0:02	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 12:41	0:06	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 12:48	0:02	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 12:51	0:09	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 13:01	0:01	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 13:04	0:02	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 13:10	0:02	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 13:15	0:02	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 13:28	0:02	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 13:31	0:01	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 13:48	0:04	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 13:54	0:03	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 13:59	0:07	LSR	Data is not available	Data is not available	Oversupply
2/6/2019 14:12	0:10	LSR	Data is not available	Data is not available	Oversupply
2/7/2019 9:40	0:21	LSR	Data is not available	Data is not available	Oversupply
2/7/2019 11:07	0:01	LSR	Data is not available	Data is not available	Oversupply
2/7/2019 11:36	1:41	LSR	Data is not available	Data is not available	Oversupply
2/14/2019 8:13	0:05	LSR	Data is not available	Data is not available	Oversupply
2/14/2019 12:18	0:01	LSR	Data is not available	Data is not available	Oversupply
2/16/2019 13:58	0:02	LSR	Data is not available	Data is not available	Oversupply
2/16/2019 14:25	0:01	LSR	Data is not available	Data is not available	Oversupply
2/16/2019 14:27	0:04	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 14:05	0:02	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 14:11	0:05	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 14:17	0:04	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 14:25	0:11	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 14:38	0:03	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 14:45	0:02	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 14:51	0:05	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 14:58	0:02	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 15:01	0:01	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 15:05	0:12	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 15:18	0:04	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 15:26	0:02	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 15:33	0:02	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 15:36	0:01	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 15:39	0:03	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 15:49	0:01	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 15:51	0:03	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 15:56	0:01	LSR	Data is not available	Data is not available	Oversupply
2/20/2019 16:27	0:03	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 9:09	0:01	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 9:11	0:03	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 9:25	0:02	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 9:39	0:02	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 9:52	0:04	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 10:00	0:11	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 10:12	0:01	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 10:15	0:01	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 10:20	0:07	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 10:28	0:03	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 10:32	0:04	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 10:40	0:05	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 10:46	0:01	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 10:50	0:06	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 10:59	0:01	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 11:05	0:12	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 11:18	0:04	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 11:26	0:01	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 11:28	0:09	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 11:38	0:04	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 11:45	0:02	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 11:49	0:08	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 11:58	0:04	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 12:06	0:11	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 12:18	0:04	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 12:27	0:02	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 12:31	0:05	LSR	Data is not available	Data is not available	Oversupply
2/21/2019 12:42	0:01	LSR	Data is not available	Data is not available	Oversupply
2/25/2019 12:28	0:21	LSR	Data is not available	Data is not available	Oversupply
2/26/2019 16:17	0:01	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 7:14	1:10	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 8:57	0:05	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 9:04	0:04	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 9:11	0:12	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 9:24	0:04	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 9:32	0:02	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 9:35	0:08	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 15:52	0:06	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 15:59	0:04	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 16:06	0:12	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 16:19	0:04	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 16:26	0:12	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 16:39	0:04	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 16:47	0:11	LSR	Data is not available	Data is not available	Oversupply
2/27/2019 16:59	0:01	LSR	Data is not available	Data is not available	Oversupply
2/28/2019 11:54	0:06	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 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 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

Hawai'i Electric Light Company Curtailment Report February 2019

Start Date/Time	MW output prior to start of curtailment	End Date/Time	MW output after curtailment released ¹	IPP	Reason for Curtailment
02/10/19 22:58	0.0 MW	02/10/19 23:36	7.2 MW	Hawi Renewable Dev	Facility requested
02/16/19 22:28	6.9 MW	02/16/19 23:21	1.9 MW	Pakini Nui Windfarm	Facility requested
02/17/19 00:10	13.2 MW	02/17/19 05:30	0.4 MW	Pakini Nui Windfarm	Facility requested
02/18/19 01:06	11.7 MW	02/19/19 13:16	0.0 MW	Pakini Nui Windfarm	Facility requested
02/19/19 21:20	17.1 MW	02/27/19 08:59	0.0 MW	Pakini Nui Windfarm	Facility requested

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

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