



August 26, 2020

The Honorable Chair and Members  
of the Hawai'i Public Utilities Commission  
Kekuanao'a Building, First Floor  
465 South King Street  
Honolulu, Hawai'i 96813

Dear Commissioners:

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

In accordance with Ordering Paragraph 3 of Order No. 30371, filed May 4, 2012 in the subject proceeding, enclosed as Exhibit A is Hawaiian Electric's<sup>1</sup> monthly report for July 2020 on: (1) system frequency control performance during month; (2) significant system events during month; and (3) curtailment of non-dispatchable renewable resources.

Any party to this proceeding may obtain an electronic copy of this report by emailing Marisa Chun at [marisa.chun@hawaiianelectric.com](mailto:marisa.chun@hawaiianelectric.com).

Sincerely,

/s/ Marisa Chun

*for* Kevin M. Katsura  
Director, Regulatory Non-Rate Proceedings

Enclosures

c: Service List

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<sup>1</sup> Hawaiian Electric Company, Inc., Maui Electric Company, Limited, and Hawai'i Electric Light Company, Inc. are each doing business as "Hawaiian Electric" and have jointly registered "Hawaiian Electric" as a trade name with the State of Hawai'i Department of Commerce and Consumer Affairs, as evidenced by Certificate of Registration No. 4235929, dated December 20, 2019.

**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 July 31, 2020):

**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 Company, Inc., Maui Electric Company, Limited (Maui Division) and Hawai'i Electric Light Company, Inc. 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 Company, Inc., Maui Electric Company, Limited (Maui Division) and Hawai'i Electric Light Company, Inc 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 July 31, 2020):

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

Hawaiian Electric Company, Inc.'s contingency reserve activations are provided in Attachment 3. Hawai'i Electric Light Company, Inc. and Maui Electric Company, Limited 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 Company, Inc. and Maui Electric Company, Limited's under frequency load shed activations are provided in Attachment 4. Hawaiian Electric Company, Inc. did not have any under frequency load shed activations for the month of July.

**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 Company, Inc.'s demand response activations for system events are provided in Attachment 5. Hawai'i Electric Light Company, Inc. currently does not have a demand response program. Maui Electric Company, Limited has implemented the Fast Demand Response pilot program on a limited basis. Hawai'i Electric Light Company, Inc. plans to use the findings of Maui Electric Company, Limited's pilot program to help in the evaluation and development of future demand response programs. Maui Electric Company, Limited 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 July 31, 2020):

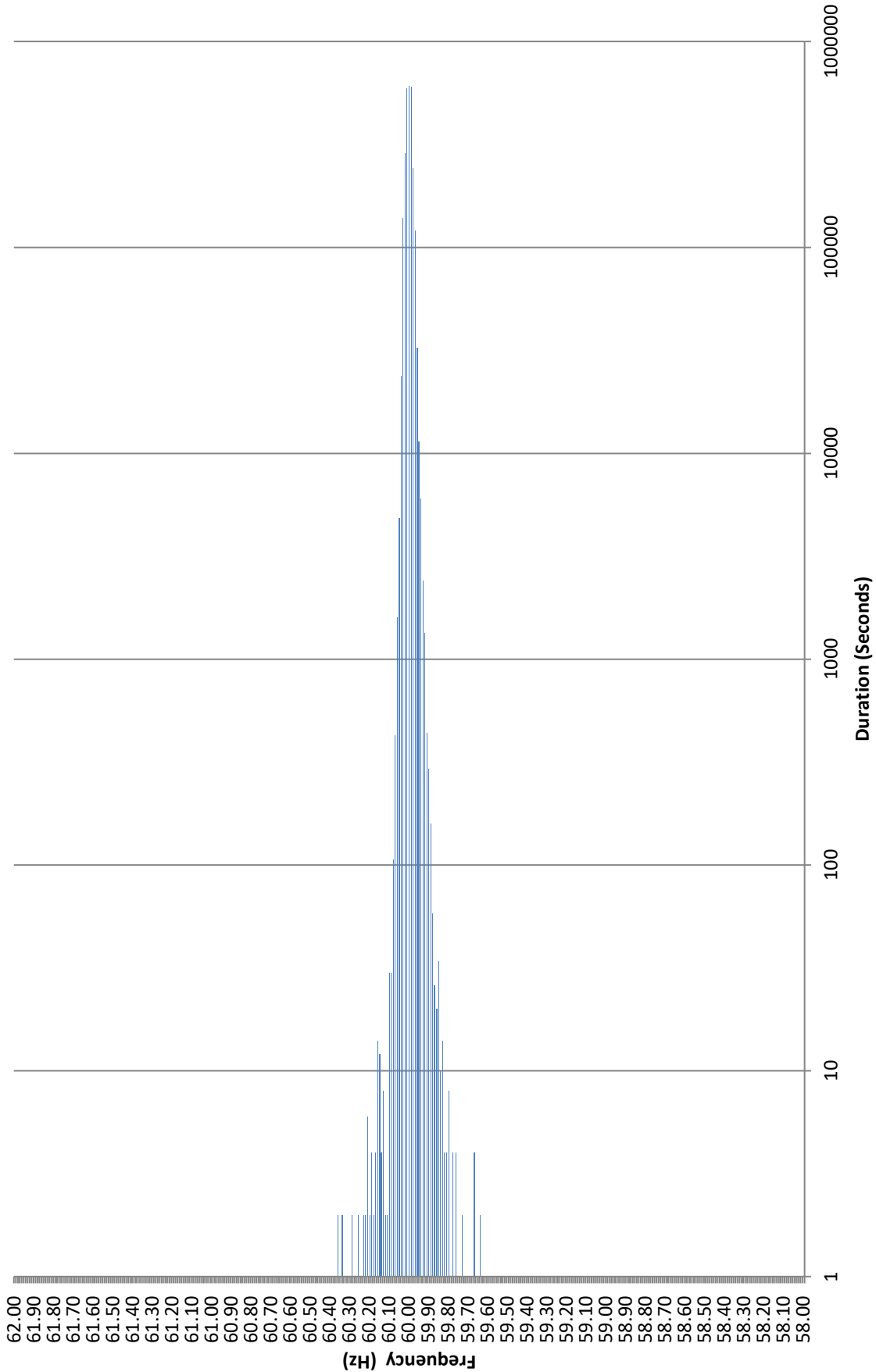
**3a) Tabulation of each curtailment event for each resource including the starting date and time, duration, megawatt hours curtailed, peak MW curtailed, and reason for curtailment:**

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

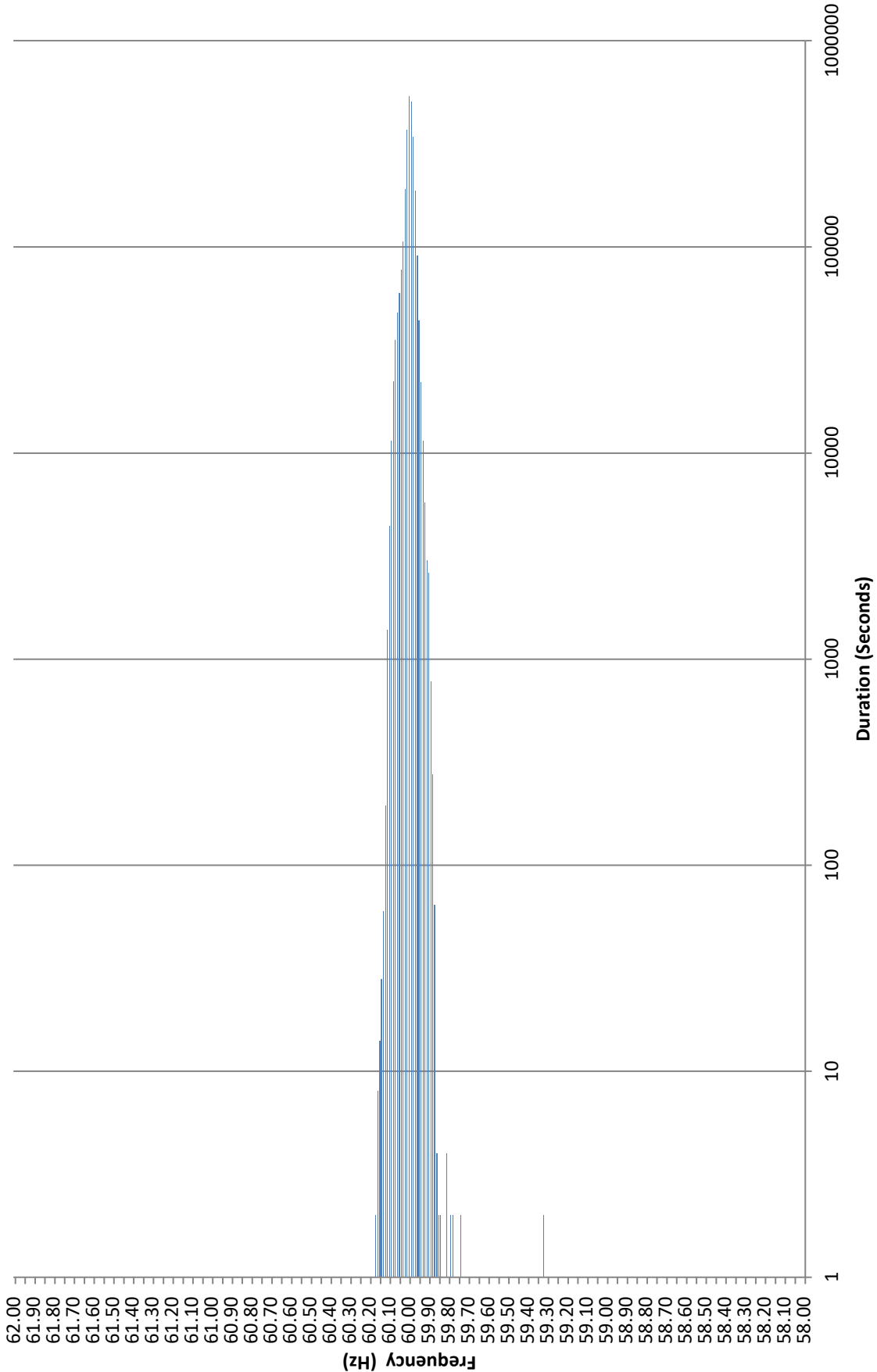
**3b) Total MWh of non-dispatchable renewable resources curtailed for the month:**

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 Company does 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.

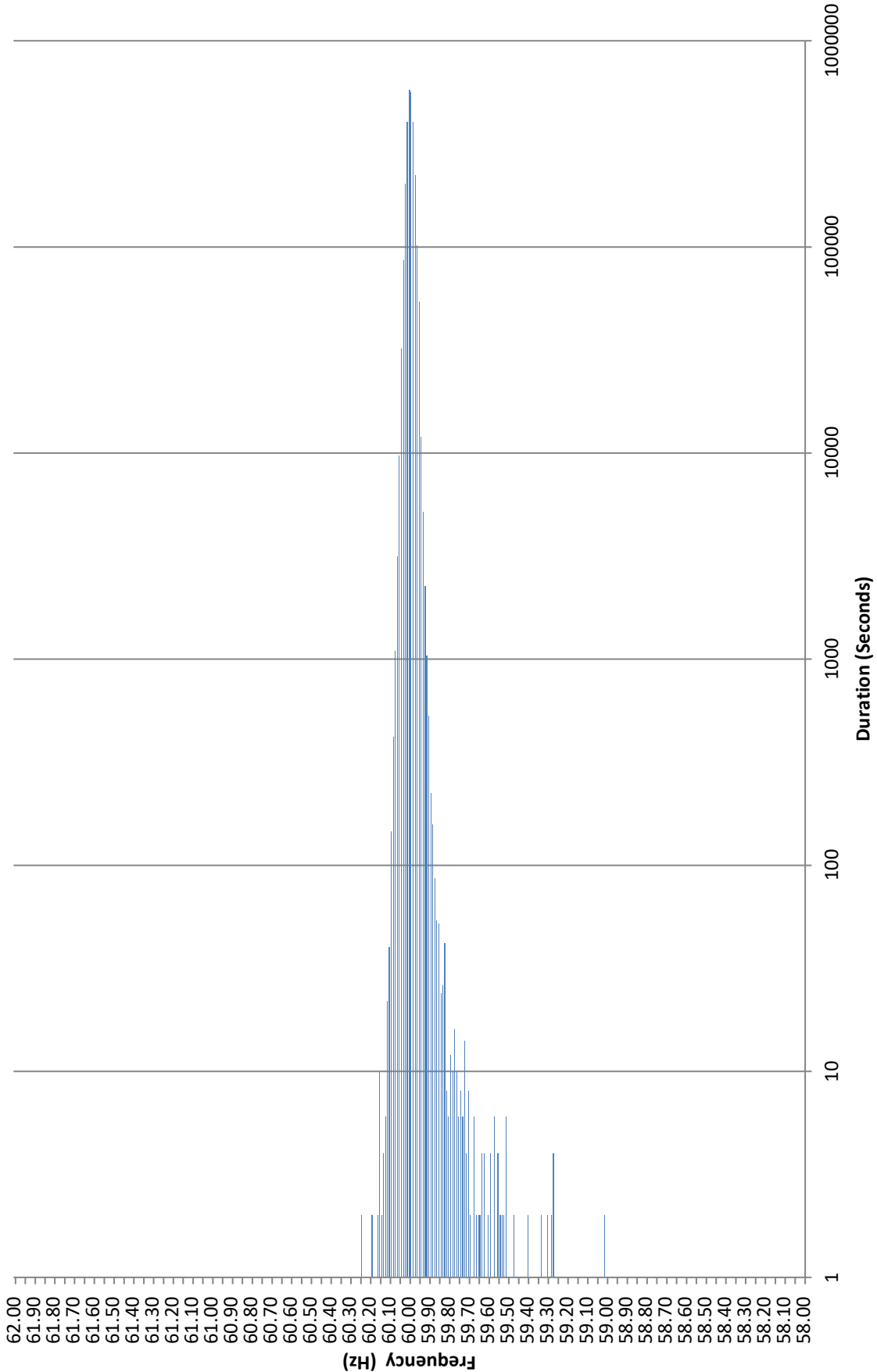
**Frequency Distribution Plot - Hawaiian Electric Company, Inc.  
July 2020**



**Frequency Distribution Plot - Maui Electric Company, Ltd  
July 2020**



**Frequency Distribution Plot - Hawai'i Electric Light Company, Inc.  
July 2020**



Hawaiian Electric Company, Inc. Frequency Excursion Statistics July 2020		
Data Rounded to the nearest	<59.95 Hz	>60.05 Hz
Number of Excursions	1108	360
Maximum Duration (sec)	226	138
Maximum Deviation (Hz)	59.639	60.358
Total Duration of Excursions (sec)	14720	3678



Maui Electric Company, Ltc Frequency Excursion Statistics July 2020		
	<59.95 Hz	>60.05 Hz
Number of Excursions	12022	13912
Maximum Duration (sec)	426	724
Maximum Deviation (Hz)	59.316	60.168
Total Duration of Excursions (sec)	63878	150024

Hawai'i Electric Light Company, Inc. Frequency Excursion Statistics July 2020		
	<59.95 Hz	>60.05 Hz
Number of Excursions	9776	2058
Maximum Duration (sec)	96	58
Maximum Deviation (Hz)	59.007	60.238
Total Duration of Excursions (sec)	49942	8140









Hawaiian Electric Company, Inc. Curtailment Report July 2020

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/Facility	Reason for Curtailment
07/01/20 05:40	0.0	0.00	07/01/20 06:08	0	*	KREP	System Constraints
07/01/20 05:41	0.0	0.00	07/01/20 06:08	0	0.00	WestL	System Constraints
07/01/20 06:21	0.0	14.50	07/01/20 07:37	0	*	KWF	System Constraints
07/01/20 06:12	0.0	0.60	07/01/20 07:03	0	*	KWMakai	System Constraints
07/01/20 06:13	0.0	0.00	07/01/20 06:59	0	*	KSMakai	System Constraints
07/01/20 07:37	22.5	0.00	07/01/20 15:59	7.06	*	KWF	Facility Requested
07/01/20 15:58	0.0	0.00	07/01/20 16:14	0	*	Lani	Facility Requested
07/01/20 15:59	0.0	6.20	07/01/20 17:12	0	*	KWF	System Constraints
07/01/20 16:09	0.0	4.20	07/01/20 17:02	0	*	KWMakai	System Constraints
07/01/20 16:10	0.0	9.10	07/01/20 16:55	0	*	KSMakai	System Constraints
07/01/20 15:58	0.0	0.00	07/01/20 16:14	0	*	Lani	Facility Requested
07/01/20 17:12	22.5	0.00	07/02/20 06:18	2.75	*	KWF	Facility Requested
07/01/20 17:43	0.0	1.10	07/01/20 18:18	0	*	KREP	System Constraints
07/01/20 17:48	0.0	2.10	07/01/20 18:21	0	0.86	WestL	System Constraints
07/02/20 06:20	0.0	0.00	07/02/20 07:41	0	*	KREP	System Constraints
07/02/20 06:21	0.0	0.00	07/02/20 07:42	0	2.03	WestL	System Constraints
07/02/20 06:18	0.0	2.80	07/02/20 07:27	0	*	KWF	System Constraints
07/02/20 06:11	0.0	1.80	07/02/20 07:17	0	*	KWMakai	System Constraints
07/02/20 06:12	0.0	0.00	07/02/20 07:18	0	*	KSMakai	System Constraints
07/02/20 07:27	22.5	0.00	07/02/20 14:50	3.01	*	KWF	Facility Requested
07/02/20 09:55	Various	5.80	07/02/20 11:39	-2.89	*	KSMauka	System Constraints
07/02/20 14:46	0.0	6.50	07/02/20 15:12	0	*	KWMakai	System Constraints
07/02/20 14:48	0.0	12.70	07/02/20 15:17	0	*	KSMakai	System Constraints
07/02/20 14:50	0.0	3.60	07/02/20 15:39	0	*	KWF	System Constraints
07/02/20 15:39	22.5	0.00	07/13/20 09:26	13.67	*	KWF	Facility Requested
07/02/20 15:42	0.0	1.50	07/02/20 16:26	0	*	KREP	System Constraints
07/02/20 16:13	0.0	9.90	07/02/20 16:27	0	2.10	WestL	System Constraints
07/05/20 11:43	0.0	25.00	07/05/20 12:41	0	*	KSMauka	Oversupply
07/07/20 22:54	0.0	0.00	07/08/20 11:56	0	*	KREP	System Constraints
07/07/20 22:55	0.0	0.00	07/08/20 10:40	0	0.00	WestL	System Constraints
07/10/20 06:23	0.0	0.00	07/10/20 07:32	0	*	KREP	System Constraints
07/10/20 06:24	0.0	0.00	07/10/20 07:33	0	2.78	WestL	System Constraints
07/10/20 06:27	0.0	0.00	07/10/20 20:32	0	*	KLS2	System Constraints
07/10/20 09:04	0.0	3.50	07/10/20 10:15	0	*	Aloha2	System Constraints
07/10/20 17:33	0.0	1.10	07/10/20 20:30	0	*	KREP	System Constraints
07/10/20 17:36	0.0	4.00	07/10/20 20:30	0	1.17	WestL	System Constraints
07/11/20 18:32	0.0	0.00	07/12/20 18:19	0	*	KREP	System Constraints
07/11/20 18:34	0.0	0.00	07/12/20 09:21	0	18.47	WestL	System Constraints
07/13/20 07:36	0.0	8.50	07/13/20 07:49	0	*	Waianae	System Constraints
07/13/20 09:26	15.0	13.67	07/13/20 09:37	11.88	*	KWF	Facility Requested
07/13/20 09:37	22.5	11.88	07/14/20 14:47	12.08	*	KWF	Facility Requested
07/13/20 15:38	0.0	10.50	07/13/20 15:52	0	*	Waianae	System Constraints
07/14/20 14:47	15.0	11.40	07/15/20 09:25	9.93	*	KWF	Facility Requested
07/13/20 19:09	0.0	0.00	07/14/20 09:15	0	*	KREP	System Constraints
07/13/20 19:12	0.0	0.00	07/14/20 08:35	0	0.00	WestL	System Constraints
07/15/20 11:34	0.0	-24.28	07/15/20 11:37	-15.84	*	KSMauka	Facility Requested
07/15/20 11:53	0.0	-27.37	07/15/20 12:15	0	*	KSMauka	Facility Requested
07/15/20 13:27	Various	-27.06	07/15/20 14:33	-4.92	*	KSMauka	System Constraints
07/17/20 14:07	0.0	4.60	07/17/20 18:43	0	*	North	System Constraints
07/17/20 14:08	0.0	1.40	07/17/20 18:43	0	*	South	System Constraints
07/17/20 17:42	0.0	6.10	07/17/20 18:37	0	*	KWMauka	System Constraints
07/20/20 06:48	0.0	20.20	07/20/20 08:00	0	*	KWF	System Constraints
07/20/20 06:52	0.0	4.40	07/20/20 07:33	0	*	KWMakai	System Constraints
07/20/20 06:53	0.0	10.00	07/20/20 14:16	0	*	KWMauka	System Constraints
07/20/20 06:58	0.0	1.10	07/20/20 07:32	0	*	KSMakai	System Constraints
07/20/20 06:58	0.0	1.60	07/20/20 14:18	0	*	KSMauka	System Constraints
07/20/20 13:12	0.0	3.90	07/20/20 14:16	0	*	KWMakai	System Constraints
07/20/20 13:15	0.0	6.90	07/20/20 14:21	0	*	KWF	System Constraints
07/20/20 13:18	0.0	10.90	07/20/20 14:19	0	*	KSMakai	System Constraints
07/21/20 06:18	0.0	1.50	07/21/20 07:40	0	*	KWMakai	System Constraints
07/21/20 06:18	0.0	7.30	07/21/20 16:42	0	*	KWMauka	System Constraints

Hawaiian Electric Company, Inc. Curtailment Report July 2020

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/Facility	Reason for Curtailment
07/21/20 06:22	0.0	0.60	07/21/20 07:41	0	*	KWF	System Constraints
07/21/20 06:27	0.0	0.00	07/21/20 07:35	0	*	KSMakai	System Constraints
07/21/20 06:28	0.0	0.00	07/21/20 16:53	0	*	KSMauka	System Constraints
07/21/20 08:31	0.0	1.00	07/21/20 09:24	0	*	KWMakai	System Constraints
07/21/20 08:34	0.0	3.10	07/21/20 09:28	0	*	KSMakai	System Constraints
07/21/20 15:49	0.0	4.60	07/21/20 16:41	0	*	KWMakai	System Constraints
07/21/20 15:53	0.0	15.50	07/21/20 16:53	0	*	KSMakai	System Constraints
07/21/20 15:54	0.0	2.60	07/21/20 16:55	0	*	KWF	System Constraints
07/22/20 06:38	0.0	0.20	07/22/20 08:35	0	*	KWF	System Constraints
07/22/20 06:56	0.0	0.00	07/22/20 08:45	0	*	KWMakai	System Constraints
07/22/20 06:57	0.0	0.00	07/22/20 15:36	0	*	KWMauka	System Constraints
07/22/20 06:59	0.0	0.00	07/22/20 08:42	0	*	KSMakai	System Constraints
07/22/20 06:59	0.0	4.60	07/22/20 14:52	0	*	KSMauka	System Constraints
07/22/20 13:45	0.0	0.00	07/22/20 15:36	0	*	KWMakai	System Constraints
07/22/20 13:47	0.0	0.00	07/22/20 14:52	0	*	KSMakai	System Constraints
07/22/20 13:49	0.0	5.00	07/22/20 14:54	0	*	KWF	System Constraints
07/23/20 01:11	0.0	0.00	07/23/20 11:42	0	*	KREP	System Constraints
07/23/20 02:10	0.0	0.00	07/23/20 08:16	0	0.04	WestL	System Constraints
07/23/20 07:35	0.0	2.90	07/23/20 08:41	0	*	KLS2	System Constraints
07/23/20 13:21	0.0	19.00	07/23/20 13:50	0	7.86	WestL	Facility Requested
07/23/20 14:30	0.0	19.00	07/23/20 15:13	0	10.59	WestL	System Constraints
07/23/20 14:32	0.0	2.00	07/23/20 15:14	0	*	KREP	System Constraints
07/24/20 06:48	0.0	0.80	07/24/20 07:25	0	*	KSMakai	System Constraints
07/24/20 06:48	0.0	11.40	07/24/20 19:03	0	*	KWF	System Constraints
07/24/20 06:49	0.0	0.00	07/24/20 07:23	0	*	KSMauka	System Constraints
07/24/20 06:51	0.0	16.00	07/24/20 07:32	0	*	KWMakai	System Constraints
07/24/20 06:54	0.0	0.80	07/24/20 07:33	0	*	KWMauka	System Constraints
07/24/20 16:46	0.0	4.50	07/24/20 18:56	0	*	KSMakai	System Constraints
07/24/20 16:47	0.0	10.20	07/24/20 18:57	0	*	KSMauka	System Constraints
07/24/20 17:00	0.0	1.50	07/24/20 18:48	0	*	KWMakai	System Constraints
07/24/20 17:01	0.0	12.30	07/24/20 18:49	0	*	KWMauka	System Constraints
07/25/20 06:38	0.0	7.80	07/25/20 07:47	0	*	KWMakai	System Constraints
07/25/20 06:38	0.0	17.80	07/25/20 07:47	0	*	KWMauka	System Constraints
07/25/20 06:51	0.0	0.00	07/25/20 07:35	0	*	KSMakai	System Constraints
07/25/20 06:51	0.0	0.00	07/25/20 07:35	0	*	KSMauka	System Constraints
07/25/20 07:05	0.0	11.70	07/25/20 18:07	0	*	KWF	System Constraints
07/25/20 16:34	0.0	5.00	07/25/20 17:52	0	*	KWMakai	System Constraints
07/25/20 16:34	0.0	9.00	07/25/20 17:52	0	*	KWMauka	System Constraints
07/25/20 16:59	0.0	4.00	07/25/20 17:54	0	*	KSMakai	System Constraints
07/25/20 16:59	0.0	12.00	07/25/20 17:54	0	*	KSMauka	System Constraints
07/25/20 16:09	0.0	2.50	07/27/20 08:36	0	*	North	Facility Requested
07/25/20 16:10	0.0	1.00	07/27/20 08:38	0	*	South	Facility Requested
07/25/20 17:13	0.0	2.00	07/27/20 08:37	0	*	Aloha1	Facility Requested
07/25/20 18:25	0.0	0.50	07/27/20 08:04	0	*	Aloha2	Facility Requested
07/25/20 19:04	0.0	0.00	07/27/20 07:41	0	*	KREP	Facility Requested
07/27/20 06:22	0.0	0.00	07/27/20 07:23	0	*	KSMakai	System Constraints
07/27/20 06:24	0.0	0.20	07/27/20 07:26	0	*	KWMakai	System Constraints
07/27/20 06:25	0.0	12.30	07/27/20 07:38	0	*	KWF	System Constraints
07/27/20 18:31	0.0	10.50	07/27/20 19:41	0	*	KWMakai	System Constraints
07/27/20 18:34	0.0	4.40	07/27/20 19:40	0	*	KSMakai	System Constraints
07/27/20 18:48	0.0	21.40	07/27/20 19:45	0	*	KWF	System Constraints
07/28/20 08:05	0.0	7.00	07/28/20 08:52	0	*	Wainae	System Constraints
07/28/20 08:08	0.0	1.40	07/28/20 08:51	0	*	Aloha1	System Constraints
07/28/20 09:11	0.0	2.60	07/28/20 09:20	0	*	KLS2	System Constraints
07/28/20 15:13	0.0	10.10	07/28/20 15:30	0	*	Waianae	System Constraints
07/28/20 15:15	0.0	1.40	07/28/20 15:33	0	*	Aloha1	System Constraints
07/28/20 15:54	0.0	1.90	07/28/20 16:06	0	*	KLS2	System Constraints
07/29/20 07:24	0.0	27.60	07/29/20 08:41	0	*	Waianae	System Constraints
07/29/20 07:34	0.0	5.00	07/29/20 08:39	0	*	Aloha1	System Constraints
07/29/20 08:28	0.0	4.10	07/29/20 09:10	0	*	KLS2	System Constraints
07/29/20 15:37	0.0	4.70	07/29/20 15:49	0	*	KLS2	System Constraints
07/29/20 16:00	0.0	10.00	07/29/20 16:24	0	*	Waianae	System Constraints
07/29/20 16:02	0.0	1.10	07/29/20 16:26	0	*	Aloha2	System Constraints
07/29/20 17:51	0.0	0.70	07/29/20 19:05	0	*	KREP	System Constraints



Hawaiian Electric Company, Inc. Curtailment Report July 2020

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/Facility	Reason for Curtailment
07/29/20 18:21	0.0	2.80	07/29/20 19:06	0	0.41	WestL	System Constraints
07/30/20 07:31	0.0	5.00	07/30/20 08:59	0	*	KREP	System Constraints
07/30/20 07:32	0.0	3.36	07/30/20 09:01	0	13.21	WestL	System Constraints
07/30/20 07:33	0.0	5.00	07/30/20 19:07	0	*	KLS2	System Constraints
07/30/20 07:49	0.0	27.60	07/30/20 08:29	0	*	Waianae	System Constraints
07/30/20 07:50	0.0	5.00	07/30/20 08:27	0	*	Aloha1	System Constraints
07/30/20 14:07	0.0	2.70	07/30/20 14:44	0	*	Aloha1	System Constraints
07/30/20 14:12	0.0	11.40	07/30/20 14:42	0	*	Waianae	System Constraints
07/30/20 17:40	0.0	0.30	07/30/20 19:10	0	*	KREP	System Constraints
07/30/20 17:41	0.0	1.10	07/30/20 19:11	0	1.91	WestL	System Constraints
07/31/20 06:19	0.0	27.60	07/31/20 07:14	0	*	Waianae	System Constraints
07/31/20 06:20	0.0	5.00	07/31/20 07:13	0	*	Aloha1	System Constraints
07/31/20 06:49	0.0	-2.83	07/31/20 06:57	0	*	KSMauka	Facility Requested
07/31/20 07:47	0.0	5.00	07/31/20 08:12	0	*	KREP	System Constraints
07/31/20 07:48	0.0	6.10	07/31/20 08:13	0	2.80	WestL	System Constraints
07/31/20 07:50	0.0	5.00	07/31/20 16:38	0	*	KLS2	System Constraints
07/31/20 14:47	0.0	27.00	07/31/20 15:37	0	*	Waianae	System Constraints
07/31/20 14:51	0.0	4.10	07/31/20 15:39	0	*	Aloha1	System Constraints
07/31/20 15:57	0.0	2.30	07/31/20 16:41	0	*	KREP	System Constraints
07/31/20 15:58	0.0	4.60	07/31/20 16:42	0	8.68	WestL	System Constraints

Aloha1 = Aloha Solar Energy Fund I  
Aloha2 = Aloha Solar Energy Fund II  
KLS2 = Kalaeloa Solar Two  
KREP = Kalaeloa Renewable Energy Partners  
KWF = Kahuku Wind Power  
Lani = Lanikuhana Solar  
KSMakai = Kawaiiloa Solar Makai  
KSMauka = Kawaiiloa Solar Mauka  
KWMakai = Kawaiiloa Wind Makai  
KWMauka = Kawaiiloa Wind Mauka  
North = Waihonu North  
South = Waihonu South  
Waianae = EE Waianae Solar Project  
Waipio = Waipio PV  
WestL = West Loch PV

(1) The estimated MWh of energy curtailed during the event is supplied by IPP, and HECO does not make any representations as to its accuracy.  
\* Data has not been provided by IPP.



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/1/2020 7:04	0:01	SSA2	0.00339	0.13200	Oversupply
7/1/2020 7:04	0:01	SSA3	0.00361	0.31900	Oversupply
7/1/2020 7:04	0:01	SSA3	0.00377	0.04000	Oversupply
7/1/2020 7:04	0:02	SSA2	0.00678	0.00500	Oversupply
7/1/2020 7:05	0:01	BS250	Data is not available	Data is not available	Oversupply
7/1/2020 7:05	0:04	17-2	0.00320	0.11100	Oversupply
7/1/2020 7:05	0:01	SSA3	0.00369	0.12400	Oversupply
7/1/2020 7:06	0:01	SSA3	0.00377	0.06000	Oversupply
7/1/2020 7:06	0:01	SSA2	0.00339	0.16300	Oversupply
7/1/2020 7:07	0:01	SSA3	0.00369	0.36000	Oversupply
7/1/2020 7:08	0:01	SSA3	0.00393	0.36700	Oversupply
7/1/2020 7:09	6:06	BS250	Data is not available	Data is not available	Oversupply
7/1/2020 7:09	0:18	SSA2	0.11042	0.16300	Oversupply
7/1/2020 7:09	6:07	SSA3	13.05267	0.03900	Oversupply
7/1/2020 7:10	6:21	17-2	3.83653	0.75000	Oversupply
7/1/2020 7:11	6:05	KWP11	46.10867	19.19667	Oversupply
7/1/2020 7:27	0:01	SSA2	0.00620	0.01900	Oversupply
7/1/2020 7:28	5:47	SSA2	10.53703	0.00900	Oversupply
7/1/2020 13:15	0:01	SSA2	0.03701	0.00500	Oversupply
7/1/2020 13:15	0:01	SSA2	0.03701	0.03600	Oversupply
7/1/2020 13:16	0:01	SSA3	0.03068	0.11000	Oversupply
7/1/2020 13:16	0:01	SSA2	0.03701	0.46600	Oversupply
7/1/2020 13:16	0:01	SSA3	0.03003	0.51600	Oversupply
7/1/2020 13:17	0:01	SSA2	0.03701	0.60800	Oversupply
7/1/2020 13:17	0:01	SSA3	0.03003	0.98100	Oversupply
7/1/2020 13:18	0:01	SSA3	0.02937	0.62400	Oversupply
7/1/2020 13:18	0:01	SSA2	0.03701	0.54200	Oversupply
7/1/2020 13:19	0:01	SSA3	0.03003	0.39000	Oversupply
7/1/2020 13:19	0:01	SSA2	0.03701	0.49100	Oversupply
7/1/2020 13:19	0:02	SSA3	0.06006	0.10000	Oversupply
7/1/2020 13:20	0:04	BS250	Data is not available	Data is not available	Oversupply
7/1/2020 13:20	0:04	SSA2	0.18432	0.02200	Oversupply
7/1/2020 13:21	0:01	KWP11	0.02316	14.33762	Oversupply
7/1/2020 13:21	0:01	SSA3	0.03003	0.01300	Oversupply
7/1/2020 13:22	0:02	SSA3	0.06136	0.18700	Oversupply
7/1/2020 13:23	0:02	KWP11	0.02028	13.88256	Oversupply
7/1/2020 13:23	0:01	SSA3	0.03199	0.00500	Oversupply
7/1/2020 13:24	0:01	SSA2	0.03701	0.13100	Oversupply
7/1/2020 13:24	0:01	SSA3	0.03068	0.49300	Oversupply
7/1/2020 13:25	0:01	SSA3	0.03003	0.78600	Oversupply
7/1/2020 13:25	0:01	SSA2	0.03701	0.11800	Oversupply
7/1/2020 13:26	0:01	SSA3	0.03003	0.37500	Oversupply
7/1/2020 13:26	0:01	SSA2	0.03701	0.15000	Oversupply
7/1/2020 13:26	0:01	SSA3	0.03068	1.13200	Oversupply
7/1/2020 13:27	0:01	SSA2	0.03701	0.33200	Oversupply
7/1/2020 13:27	0:01	SSA3	0.03068	1.24800	Oversupply
7/1/2020 13:28	0:01	SSA2	0.03701	0.55800	Oversupply
7/1/2020 13:28	0:01	SSA3	0.03068	0.93500	Oversupply
7/1/2020 13:28	0:01	SSA2	0.03701	0.76800	Oversupply
7/1/2020 13:29	0:01	SSA3	0.02877	1.88100	Oversupply
7/1/2020 13:29	0:01	SSA2	0.01393	1.85500	Oversupply
7/1/2020 13:37	0:02	17-2	0.00095	0.75000	Oversupply
7/1/2020 13:42	0:01	SSA2	0.00367	2.88100	Oversupply
7/1/2020 13:43	1:18	17-2	0.82978	0.75000	Oversupply
7/1/2020 13:43	0:01	SSA3	0.00206	2.35100	Oversupply
7/1/2020 13:43	0:01	SSA2	0.00367	1.88200	Oversupply
7/1/2020 13:43	0:01	SSA3	0.00202	2.23200	Oversupply
7/1/2020 13:44	0:01	SSA2	0.01707	0.65600	Oversupply
7/1/2020 13:44	0:01	SSA3	0.02329	0.10300	Oversupply
7/1/2020 13:45	0:01	SSA2	0.04036	0.08500	Oversupply
7/1/2020 13:45	0:01	SSA3	0.03308	0.24000	Oversupply
7/1/2020 13:46	0:13	BS250	Data is not available	Data is not available	Oversupply
7/1/2020 13:46	0:12	SSA2	0.56423	0.47500	Oversupply
7/1/2020 13:46	0:12	SSA3	0.52923	0.10100	Oversupply
7/1/2020 13:47	0:12	KWP11	0.44173	13.88555	Oversupply
7/1/2020 13:58	0:01	SSA2	0.04036	0.00100	Oversupply
7/1/2020 13:58	0:01	SSA3	0.03380	0.01400	Oversupply
7/1/2020 13:59	0:01	SSA2	0.04029	0.40600	Oversupply
7/1/2020 13:59	0:01	SSA3	0.03228	0.59500	Oversupply
7/1/2020 14:00	0:01	SSA2	0.03862	0.93000	Oversupply
7/1/2020 14:00	0:01	SSA3	0.03382	0.95000	Oversupply
7/1/2020 14:00	0:01	SSA3	0.03533	0.95500	Oversupply
7/1/2020 14:00	0:01	SSA2	0.03862	1.36100	Oversupply
7/1/2020 14:01	0:01	KWP11	0.00169	12.20899	Oversupply
7/1/2020 14:01	0:01	SSA3	0.03533	0.02500	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/1/2020 14:01	0:01	SSA2	0.03862	0.09300	Oversupply
7/1/2020 14:02	0:01	SSA3	0.03382	0.46000	Oversupply
7/1/2020 14:02	0:01	SSA2	0.03862	0.52600	Oversupply
7/1/2020 14:03	0:01	SSA3	0.03458	0.86600	Oversupply
7/1/2020 14:03	0:01	SSA2	0.03862	0.56700	Oversupply
7/1/2020 14:03	0:41	SSA3	1.73056	0.08600	Oversupply
7/1/2020 14:04	0:40	BS250	Data is not available	Data is not available	Oversupply
7/1/2020 14:04	0:40	SSA2	1.86620	0.25300	Oversupply
7/1/2020 14:05	0:40	KWP11	3.38314	18.08095	Oversupply
7/1/2020 14:44	0:01	SSA2	0.04117	0.00400	Oversupply
7/1/2020 14:44	0:01	SSA3	0.03468	0.54400	Oversupply
7/1/2020 14:45	0:01	SSA2	0.03845	0.30100	Oversupply
7/1/2020 14:45	0:01	SSA3	0.03196	1.07800	Oversupply
7/1/2020 14:45	0:01	SSA2	0.03845	0.93600	Oversupply
7/1/2020 14:46	0:01	SSA3	0.03128	1.08000	Oversupply
7/1/2020 14:46	0:01	SSA2	0.03845	1.03100	Oversupply
7/1/2020 14:47	0:09	BS250	Data is not available	Data is not available	Oversupply
7/1/2020 14:47	0:01	SSA3	0.03060	0.07700	Oversupply
7/1/2020 14:47	0:08	SSA2	0.34532	0.02700	Oversupply
7/1/2020 14:47	0:08	SSA3	0.31964	0.01400	Oversupply
7/1/2020 14:48	0:08	KWP11	0.35637	11.19506	Oversupply
7/1/2020 14:55	0:01	SSA2	0.03845	0.04300	Oversupply
7/1/2020 14:55	0:01	SSA3	0.03128	0.00500	Oversupply
7/1/2020 14:56	0:01	SSA2	0.03845	0.21400	Oversupply
7/1/2020 14:56	0:02	SSA3	0.06393	0.28100	Oversupply
7/1/2020 14:57	0:01	BS250	Data is not available	Data is not available	Oversupply
7/1/2020 14:57	0:02	KWP11	0.01979	11.14017	Oversupply
7/1/2020 14:57	0:01	SSA2	0.03845	0.03800	Oversupply
7/1/2020 14:57	0:01	SSA3	0.03196	0.01500	Oversupply
7/1/2020 14:58	0:01	SSA2	0.03845	0.05300	Oversupply
7/1/2020 14:58	0:01	SSA3	0.03060	0.67500	Oversupply
7/1/2020 14:58	0:01	SSA2	0.03845	0.60600	Oversupply
7/1/2020 14:59	0:01	SSA3	0.02220	1.42200	Oversupply
7/1/2020 14:59	0:01	SSA2	0.01313	1.54400	Oversupply
7/1/2020 15:02	0:06	17-2	0.00370	0.75000	Oversupply
7/1/2020 15:09	0:01	17-2	0.00083	0.75000	Oversupply
7/1/2020 15:12	0:03	17-2	0.00125	0.75000	Oversupply
7/1/2020 15:16	0:04	17-2	0.00167	0.75000	Oversupply
7/1/2020 15:21	0:01	17-2	0.00024	0.75000	Oversupply
7/1/2020 15:28	0:01	17-2	0.00083	0.75000	Oversupply
7/1/2020 15:32	0:03	17-2	0.00032	0.73800	Oversupply
7/1/2020 15:36	0:02	17-2	0.00048	0.75000	Oversupply
7/1/2020 15:40	0:01	17-2	0.00028	0.75000	Oversupply
7/1/2020 15:42	0:01	17-2	0.00003	0.73400	Oversupply
7/1/2020 15:44	0:01	17-2	0.00083	0.75000	Oversupply
7/1/2020 15:46	0:02	17-2	0.00031	0.72300	Oversupply
7/1/2020 15:52	0:02	17-2	0.00048	0.75000	Oversupply
7/1/2020 16:03	0:01	17-2	0.00027	0.71600	Oversupply
7/1/2020 16:08	0:04	17-2	0.00685	0.75000	Oversupply
7/1/2020 16:10	0:01	SSA3	0.00117	1.66200	Oversupply
7/1/2020 16:10	0:01	SSA2	0.00458	2.40300	Oversupply
7/1/2020 16:11	0:01	SSA3	0.00122	0.40800	Oversupply
7/1/2020 16:14	0:06	17-2	0.03990	0.73600	Oversupply
7/1/2020 16:14	0:01	SSA2	0.00449	2.38800	Oversupply
7/1/2020 16:14	0:01	SSA3	0.00365	1.74400	Oversupply
7/1/2020 16:14	0:01	SSA2	0.01571	1.88700	Oversupply
7/1/2020 16:15	0:01	SSA3	0.00905	1.74700	Oversupply
7/1/2020 16:15	0:01	SSA2	0.01468	0.69700	Oversupply
7/1/2020 16:16	0:01	SSA3	0.00885	0.09400	Oversupply
7/1/2020 16:16	0:01	SSA2	0.01468	0.16800	Oversupply
7/1/2020 16:16	0:01	SSA3	0.00905	0.20800	Oversupply
7/1/2020 16:17	0:01	KWP11	0.00360	15.38049	Oversupply
7/1/2020 16:17	0:01	SSA3	0.00905	0.44900	Oversupply
7/1/2020 16:17	0:01	SSA2	0.01468	0.14000	Oversupply
7/1/2020 16:18	0:01	SSA3	0.00905	0.14100	Oversupply
7/1/2020 16:18	0:01	SSA2	0.01468	1.07100	Oversupply
7/1/2020 16:25	0:01	SSA3	0.00885	1.58900	Oversupply
7/1/2020 16:25	0:01	SSA2	0.01468	1.59400	Oversupply
7/1/2020 16:25	0:01	SSA3	0.00905	1.56900	Oversupply
7/1/2020 16:26	0:55	17-2	0.28231	0.66800	Oversupply
7/1/2020 16:26	0:01	SSA2	0.01468	2.49600	Oversupply
7/1/2020 16:26	0:05	SSA3	0.07171	0.04300	Oversupply
7/1/2020 16:27	0:04	BS250	Data is not available	Data is not available	Oversupply
7/1/2020 16:27	0:05	KWP11	0.23443	13.99632	Oversupply
7/1/2020 16:27	0:04	SSA2	0.09623	0.02700	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/1/2020 16:31	0:01	SSA3	0.01785	0.03500	Oversupply
7/1/2020 16:31	0:01	SSA2	0.02671	-0.00300	Oversupply
7/1/2020 16:32	0:28	BS250	Data is not available	Data is not available	Oversupply
7/1/2020 16:32	0:28	SSA3	0.61083	0.00500	Oversupply
7/1/2020 16:32	0:21	SSA2	0.61458	-0.00300	Oversupply
7/1/2020 16:33	0:27	KWPPII	3.14231	18.78052	Oversupply
7/1/2020 16:53	0:01	SSA2	0.02393	0.02200	Oversupply
7/1/2020 16:53	0:06	SSA2	0.16753	0.00700	Oversupply
7/1/2020 16:59	0:01	SSA3	0.01372	0.27600	Oversupply
7/1/2020 16:59	0:01	SSA2	0.01931	0.15100	Oversupply
7/1/2020 17:00	0:01	SSA3	0.01003	0.89300	Oversupply
7/1/2020 17:00	0:01	SSA2	0.02221	0.60200	Oversupply
7/1/2020 17:01	0:01	SSA3	0.01003	1.08400	Oversupply
7/1/2020 17:01	0:01	SSA2	0.02221	1.16500	Oversupply
7/1/2020 17:02	0:01	SSA3	0.00960	0.67400	Oversupply
7/1/2020 17:02	0:01	SSA2	0.02221	1.48600	Oversupply
7/1/2020 17:02	0:01	SSA3	0.01003	0.37000	Oversupply
7/1/2020 17:03	0:02	SSA2	0.04398	0.10800	Oversupply
7/1/2020 17:03	0:02	SSA3	0.01962	-0.00100	Oversupply
7/1/2020 17:04	0:01	BS250	Data is not available	Data is not available	Oversupply
7/1/2020 17:04	0:01	KWPPII	0.00425	19.19068	Oversupply
7/1/2020 17:05	0:01	SSA2	0.02221	-0.00300	Oversupply
7/1/2020 17:05	0:01	SSA3	0.01003	0.04700	Oversupply
7/1/2020 17:06	0:05	SSA2	0.13323	-0.00300	Oversupply
7/1/2020 17:06	0:05	SSA3	0.06933	0.00200	Oversupply
7/1/2020 17:06	0:05	BS250	Data is not available	Data is not available	Oversupply
7/1/2020 17:06	0:06	KWPPII	0.07723	19.15575	Oversupply
7/1/2020 17:11	0:01	SSA2	0.02221	0.03100	Oversupply
7/1/2020 17:11	0:01	SSA3	0.00981	0.05300	Oversupply
7/1/2020 17:12	0:01	SSA2	0.02221	0.44100	Oversupply
7/1/2020 17:12	0:01	SSA3	0.01003	0.73400	Oversupply
7/1/2020 17:12	0:01	SSA2	0.02221	1.33400	Oversupply
7/1/2020 17:12	0:01	SSA3	0.01109	0.92600	Oversupply
7/1/2020 17:13	0:01	SSA2	0.02221	0.77900	Oversupply
7/1/2020 17:13	0:01	SSA3	0.00981	0.11200	Oversupply
7/1/2020 17:14	0:04	SSA3	0.02731	0.06900	Oversupply
7/1/2020 17:14	0:03	SSA2	0.05103	0.02100	Oversupply
7/1/2020 17:15	0:03	BS250	Data is not available	Data is not available	Oversupply
7/1/2020 17:15	0:03	KWPPII	0.04670	19.00107	Oversupply
7/1/2020 17:17	0:01	SSA2	0.01546	0.00100	Oversupply
7/1/2020 17:18	0:01	SSA2	0.01546	0.01300	Oversupply
7/1/2020 17:18	0:01	SSA3	0.00464	0.25300	Oversupply
7/1/2020 17:19	0:01	SSA2	0.01517	0.12800	Oversupply
7/1/2020 17:19	0:01	SSA3	0.00454	0.24400	Oversupply
7/1/2020 17:19	0:01	SSA2	0.01546	0.14000	Oversupply
7/1/2020 17:25	0:01	SSA2	0.01546	1.05700	Oversupply
7/1/2020 17:25	0:01	SSA3	0.00464	0.25300	Oversupply
7/2/2020 8:31	0:01	17-2	0.00179	0.30900	Oversupply
7/2/2020 8:32	0:01	SSA3	0.00727	1.63800	Oversupply
7/2/2020 8:32	0:01	SSA2	0.00310	0.56300	Oversupply
7/2/2020 8:33	0:03	17-2	0.00729	0.27600	Oversupply
7/2/2020 8:33	0:01	SSA3	0.00711	1.20200	Oversupply
7/2/2020 8:33	0:01	SSA2	0.00304	0.33200	Oversupply
7/2/2020 8:34	0:01	SSA3	0.00727	0.12600	Oversupply
7/2/2020 8:36	0:01	SSA3	0.00727	1.62000	Oversupply
7/2/2020 8:37	0:01	17-2	0.00271	0.33700	Oversupply
7/2/2020 8:38	0:01	SSA3	0.00711	1.58400	Oversupply
7/2/2020 8:38	0:01	SSA2	0.00310	0.49300	Oversupply
7/2/2020 8:39	3:01	17-2	2.01332	0.75000	Oversupply
7/2/2020 8:39	0:01	SSA3	0.00727	1.56300	Oversupply
7/2/2020 8:39	0:01	SSA2	0.00310	0.19900	Oversupply
7/2/2020 8:40	0:01	SSA3	0.00711	0.97700	Oversupply
7/2/2020 8:40	0:01	SSA2	0.00310	0.02200	Oversupply
7/2/2020 8:41	0:01	SSA3	0.00727	0.06500	Oversupply
7/2/2020 8:41	0:01	SSA2	0.00310	0.21100	Oversupply
7/2/2020 8:41	0:01	SSA3	0.00711	0.22000	Oversupply
7/2/2020 8:42	0:01	SSA2	0.00310	0.26200	Oversupply
7/2/2020 8:42	0:01	SSA3	0.00711	1.20200	Oversupply
7/2/2020 8:43	0:06	BS250	Data is not available	Data is not available	Oversupply
7/2/2020 8:43	0:05	SSA2	0.05843	0.07900	Oversupply
7/2/2020 8:43	0:06	SSA3	0.11251	0.09500	Oversupply
7/2/2020 8:44	0:06	KWPPII	0.10673	17.29457	Oversupply
7/2/2020 8:48	0:01	SSA2	0.01314	0.02900	Oversupply
7/2/2020 8:49	0:01	SSA2	0.01314	0.00700	Oversupply
7/2/2020 8:49	0:01	SSA3	0.01615	0.03100	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/2/2020 8:50	0:01	SSA2	0.01314	0.42400	Oversupply
7/2/2020 8:50	0:01	SSA3	0.01650	0.68500	Oversupply
7/2/2020 8:51	0:45	SSA3	1.35500	0.06700	Oversupply
7/2/2020 8:51	0:45	SSA2	0.57703	0.35100	Oversupply
7/2/2020 8:52	0:44	BS250	Data is not available	Data is not available	Oversupply
7/2/2020 8:52	2:14	KWPll	17.81552	17.55803	Oversupply
7/2/2020 9:36	0:01	SSA2	0.00948	0.00200	Oversupply
7/2/2020 9:36	0:01	SSA3	0.02938	0.04100	Oversupply
7/2/2020 9:36	1:29	SSA2	2.12566	0.01200	Oversupply
7/2/2020 9:37	1:29	BS250	Data is not available	Data is not available	Oversupply
7/2/2020 9:37	1:29	SSA3	3.74383	0.29400	Oversupply
7/2/2020 9:53	0:01	AWE	0.01040	19.60000	Oversupply
7/2/2020 11:05	0:01	SSA3	0.03631	0.00000	Oversupply
7/2/2020 11:05	0:01	SSA2	0.01867	0.24100	Oversupply
7/2/2020 11:06	0:01	SSA3	0.03477	0.46600	Oversupply
7/2/2020 11:06	0:01	SSA2	0.01867	0.26600	Oversupply
7/2/2020 11:07	0:01	SSA3	0.03631	0.82200	Oversupply
7/2/2020 11:07	0:01	SSA2	0.01867	0.20700	Oversupply
7/2/2020 11:08	0:24	BS250	Data is not available	Data is not available	Oversupply
7/2/2020 11:08	0:01	SSA3	0.03554	0.08200	Oversupply
7/2/2020 11:08	0:24	SSA2	0.69970	0.06900	Oversupply
7/2/2020 11:08	0:24	SSA3	1.07743	0.01000	Oversupply
7/2/2020 11:09	0:23	KWPll	1.72082	15.84254	Oversupply
7/2/2020 11:32	0:01	SSA3	0.02009	0.18700	Oversupply
7/2/2020 11:32	0:01	SSA2	0.01981	0.22800	Oversupply
7/2/2020 11:33	0:01	SSA3	0.01965	0.31600	Oversupply
7/2/2020 11:33	0:01	SSA2	0.01943	0.30500	Oversupply
7/2/2020 11:34	0:03	BS250	Data is not available	Data is not available	Oversupply
7/2/2020 11:34	0:03	SSA3	0.08123	0.19000	Oversupply
7/2/2020 11:34	0:03	SSA2	0.07924	0.17000	Oversupply
7/2/2020 11:35	0:02	KWPll	0.04793	16.07107	Oversupply
7/2/2020 11:37	0:01	SSA3	0.02009	0.38500	Oversupply
7/2/2020 11:37	0:01	SSA2	0.01981	0.12100	Oversupply
7/2/2020 11:38	0:01	SSA3	0.02053	0.72300	Oversupply
7/2/2020 11:49	0:01	SSA2	0.00577	3.15900	Oversupply
7/2/2020 11:49	0:01	SSA3	0.00652	2.46700	Oversupply
7/2/2020 11:50	0:03	17-2	0.02215	0.47800	Oversupply
7/2/2020 11:50	0:01	SSA2	0.00577	1.85000	Oversupply
7/2/2020 11:50	0:01	SSA3	0.00667	1.66400	Oversupply
7/2/2020 11:50	0:01	SSA2	0.00577	1.83800	Oversupply
7/2/2020 11:51	0:01	SSA3	0.00667	1.63400	Oversupply
7/2/2020 11:51	0:01	SSA3	0.00652	1.88600	Oversupply
7/2/2020 12:30	1:32	17-2	0.95487	0.75000	Oversupply
7/2/2020 12:30	0:01	SSA2	0.01607	2.36700	Oversupply
7/2/2020 12:30	0:01	SSA3	0.02298	0.85800	Oversupply
7/2/2020 12:31	0:01	SSA3	0.02248	0.94500	Oversupply
7/2/2020 12:31	0:01	SSA2	0.01607	2.62700	Oversupply
7/2/2020 12:32	0:01	SSA3	0.02298	0.07400	Oversupply
7/2/2020 12:32	0:01	SSA2	0.01607	1.73000	Oversupply
7/2/2020 12:33	0:01	SSA3	0.02248	0.18700	Oversupply
7/2/2020 12:33	0:01	SSA2	0.01607	0.15900	Oversupply
7/2/2020 12:33	0:01	SSA3	0.02298	0.53200	Oversupply
7/2/2020 12:34	0:01	SSA2	0.01577	0.78100	Oversupply
7/2/2020 12:34	0:01	SSA3	0.02298	0.75100	Oversupply
7/2/2020 12:35	0:02	SSA2	0.03215	0.94300	Oversupply
7/2/2020 12:35	0:01	SSA3	0.02348	1.57800	Oversupply
7/2/2020 12:36	0:01	SSA3	0.02348	2.57800	Oversupply
7/2/2020 12:36	0:01	SSA2	0.01607	1.14600	Oversupply
7/2/2020 12:36	0:01	SSA3	0.02298	1.06500	Oversupply
7/2/2020 12:37	0:01	SSA2	0.01607	0.57800	Oversupply
7/2/2020 12:37	0:01	SSA3	0.02348	2.18800	Oversupply
7/2/2020 12:38	0:01	SSA3	0.02398	1.10500	Oversupply
7/2/2020 12:38	0:01	SSA2	0.01607	1.06900	Oversupply
7/2/2020 12:39	0:01	SSA3	0.02298	0.81400	Oversupply
7/2/2020 12:39	0:01	SSA2	0.01607	0.18700	Oversupply
7/2/2020 12:40	0:01	SSA3	0.02348	0.63500	Oversupply
7/2/2020 12:40	0:01	SSA2	0.01607	0.54900	Oversupply
7/2/2020 12:40	0:01	SSA3	0.02348	0.57300	Oversupply
7/2/2020 12:41	0:01	SSA2	0.01607	0.09000	Oversupply
7/2/2020 12:41	0:32	SSA3	1.26601	0.00200	Oversupply
7/2/2020 12:42	0:31	BS250	Data is not available	Data is not available	Oversupply
7/2/2020 12:42	0:31	KWPll	3.77639	16.99219	Oversupply
7/2/2020 12:42	0:31	SSA2	0.74907	0.06700	Oversupply
7/2/2020 13:13	0:01	SSA3	0.03674	0.28300	Oversupply
7/2/2020 13:13	0:01	SSA2	0.01958	0.33700	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/2/2020 13:13	0:01	SSA3	0.03596	0.86700	Oversupply
7/2/2020 13:14	0:11	BS250	Data is not available	Data is not available	Oversupply
7/2/2020 13:14	0:01	SSA2	0.01958	0.40800	Oversupply
7/2/2020 13:14	0:08	SSA3	0.36489	0.01800	Oversupply
7/2/2020 13:14	0:08	SSA2	0.15927	0.00700	Oversupply
7/2/2020 13:15	0:08	KWP11	0.28781	16.05610	Oversupply
7/2/2020 13:22	0:01	SSA3	0.03547	0.01200	Oversupply
7/2/2020 13:22	0:01	SSA2	0.01746	0.07300	Oversupply
7/2/2020 13:23	0:02	SSA3	0.11037	0.21800	Oversupply
7/2/2020 13:23	0:23	SSA2	0.69702	0.01600	Oversupply
7/2/2020 13:24	0:31	KWP11	1.70074	16.11299	Oversupply
7/2/2020 13:25	0:01	SSA3	0.03626	0.13200	Oversupply
7/2/2020 13:26	0:21	SSA3	0.97202	0.15500	Oversupply
7/2/2020 13:27	0:27	BS250	Data is not available	Data is not available	Oversupply
7/2/2020 13:46	0:01	SSA2	0.01674	0.00300	Oversupply
7/2/2020 13:46	0:01	SSA3	0.03120	0.00500	Oversupply
7/2/2020 13:47	0:06	SSA3	0.25031	0.27300	Oversupply
7/2/2020 13:47	0:06	SSA2	0.11623	0.13900	Oversupply
7/2/2020 13:53	0:01	SSA2	0.01642	-0.00300	Oversupply
7/2/2020 13:53	0:01	SSA3	0.03052	-0.00300	Oversupply
7/2/2020 13:54	0:01	SSA3	0.03188	0.17700	Oversupply
7/2/2020 13:54	0:01	SSA2	0.01610	0.07300	Oversupply
7/2/2020 13:55	0:01	SSA3	0.03120	0.77500	Oversupply
7/2/2020 13:55	0:01	SSA2	0.01674	0.24500	Oversupply
7/2/2020 13:56	0:01	SSA3	0.03188	0.56400	Oversupply
7/2/2020 13:56	0:01	SSA2	0.01610	0.13400	Oversupply
7/2/2020 13:56	0:01	SSA3	0.03120	1.21300	Oversupply
7/2/2020 13:57	0:01	SSA2	0.01642	0.28900	Oversupply
7/2/2020 13:57	0:01	SSA3	0.03052	1.00000	Oversupply
7/2/2020 13:58	0:01	SSA2	0.01674	0.60000	Oversupply
7/2/2020 13:58	0:01	SSA3	0.03120	1.62600	Oversupply
7/2/2020 13:58	0:01	SSA2	0.01674	0.85700	Oversupply
7/2/2020 13:59	0:01	SSA3	0.03080	2.51400	Oversupply
7/2/2020 14:00	0:01	SSA3	0.02190	2.85900	Oversupply
7/2/2020 14:00	0:01	SSA3	0.02142	2.22500	Oversupply
7/2/2020 14:03	0:17	17-2	0.10285	0.75000	Oversupply
7/2/2020 14:03	0:01	SSA3	0.02238	2.62100	Oversupply
7/2/2020 14:03	0:01	SSA2	0.01127	1.23600	Oversupply
7/2/2020 14:03	0:01	SSA3	0.02190	0.90500	Oversupply
7/2/2020 14:04	0:01	SSA2	0.01127	0.01600	Oversupply
7/2/2020 14:04	0:01	SSA3	0.02190	0.35200	Oversupply
7/2/2020 14:05	0:06	SSA2	0.07890	0.06500	Oversupply
7/2/2020 14:05	0:06	BS250	Data is not available	Data is not available	Oversupply
7/2/2020 14:05	0:06	KWP11	0.14698	16.53013	Oversupply
7/2/2020 14:05	0:05	SSA3	0.15426	0.02100	Oversupply
7/2/2020 14:10	0:01	SSA3	0.02142	0.00800	Oversupply
7/2/2020 14:11	0:01	SSA2	0.01127	0.02300	Oversupply
7/2/2020 14:11	0:01	SSA3	0.02142	0.47500	Oversupply
7/2/2020 14:11	0:01	SSA2	0.01127	0.35100	Oversupply
7/2/2020 14:12	0:01	SSA3	0.02238	1.59600	Oversupply
7/2/2020 14:12	0:01	SSA2	0.01127	0.69600	Oversupply
7/2/2020 14:13	0:01	SSA3	0.02238	2.33000	Oversupply
7/2/2020 14:13	0:01	SSA2	0.01127	1.07600	Oversupply
7/2/2020 14:13	0:01	SSA3	0.02143	2.55900	Oversupply
7/2/2020 14:14	0:01	SSA2	0.00338	0.81400	Oversupply
7/2/2020 14:14	0:01	SSA3	0.01574	2.27700	Oversupply
7/2/2020 14:15	0:01	SSA2	0.00987	0.07700	Oversupply
7/2/2020 14:15	0:01	SSA3	0.00477	0.76700	Oversupply
7/2/2020 14:16	0:01	SSA3	0.00488	0.07100	Oversupply
7/2/2020 14:16	0:01	SSA2	0.00987	0.04600	Oversupply
7/2/2020 14:16	0:01	SSA3	0.00477	0.51700	Oversupply
7/2/2020 14:17	0:01	SSA2	0.00987	0.43900	Oversupply
7/2/2020 14:17	0:01	SSA3	0.00477	1.04800	Oversupply
7/2/2020 14:18	0:01	SSA2	0.00987	1.25700	Oversupply
7/3/2020 6:03	6:21	SSA2	6.22938	-0.00300	System Constraint
7/3/2020 8:57	0:03	17-2	0.01553	0.53600	Oversupply
7/3/2020 8:57	0:01	SSA3	0.00024	0.92700	Oversupply
7/3/2020 8:58	0:01	SSA3	0.00024	0.45200	Oversupply
7/3/2020 9:02	0:01	SSA3	0.01039	0.94800	Oversupply
7/3/2020 9:02	0:01	17-2	0.00135	0.46200	Oversupply
7/3/2020 9:09	0:01	SSA3	0.00939	1.94100	Oversupply
7/3/2020 9:10	0:17	17-2	0.14874	0.73600	Oversupply
7/3/2020 9:10	0:01	SSA3	0.00939	1.14800	Oversupply
7/3/2020 9:11	0:01	SSA3	0.00919	0.08100	Oversupply
7/3/2020 9:12	0:05	BS250	Data is not available	Data is not available	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/3/2020 9:12	0:05	SSA3	0.05772	0.41000	Oversupply
7/3/2020 9:13	0:04	KWPll	0.03469	2.81423	Oversupply
7/3/2020 9:16	0:01	SSA3	0.01084	0.15000	Oversupply
7/3/2020 9:17	0:01	SSA3	0.01108	0.23000	Oversupply
7/3/2020 9:18	0:02	SSA3	0.02215	0.60700	Oversupply
7/3/2020 9:19	0:01	SSA3	0.01132	0.77900	Oversupply
7/3/2020 9:22	0:01	SSA3	0.01084	1.95800	Oversupply
7/3/2020 9:23	0:01	SSA3	0.01132	2.02800	Oversupply
7/3/2020 9:24	0:01	SSA3	0.01108	2.09700	Oversupply
7/3/2020 9:26	0:01	SSA3	0.01108	0.97200	Oversupply
7/3/2020 11:09	0:01	SSA3	0.00244	1.73900	Oversupply
7/3/2020 11:12	0:01	SSA3	0.00249	2.27800	Oversupply
7/3/2020 11:12	0:01	SSA3	0.00249	2.12300	Oversupply
7/3/2020 11:13	0:01	SSA3	0.00244	2.40200	Oversupply
7/3/2020 11:14	0:01	SSA3	0.00294	0.38900	Oversupply
7/3/2020 11:15	0:01	SSA3	0.01210	0.08100	Oversupply
7/3/2020 11:15	0:01	SSA3	0.01184	0.21900	Oversupply
7/3/2020 11:16	0:01	KWPll	0.00521	9.10934	Oversupply
7/3/2020 11:16	0:01	SSA3	0.01184	0.10200	Oversupply
7/3/2020 11:17	0:01	SSA3	0.01158	0.13900	Oversupply
7/3/2020 11:18	0:01	SSA3	0.01184	0.72700	Oversupply
7/3/2020 11:18	0:01	SSA3	0.01184	1.08500	Oversupply
7/3/2020 11:19	0:01	SSA3	0.01158	1.74600	Oversupply
7/3/2020 11:20	0:01	SSA3	0.01184	1.93200	Oversupply
7/3/2020 11:23	0:01	SSA3	0.01158	1.61300	Oversupply
7/3/2020 14:48	0:01	KWPll	0.00078	0.04690	Oversupply
7/4/2020 8:38	0:02	BS250	Data is not available	Data is not available	Oversupply
7/4/2020 8:38	0:02	AWE	0.02530	19.30000	Oversupply
7/4/2020 8:40	0:01	SSA3	-0.00056	1.66500	Oversupply
7/4/2020 9:32	0:01	SSA2	-0.00062	0.62800	Oversupply
7/4/2020 9:33	0:01	17-2	0.00802	0.55600	Oversupply
7/4/2020 9:35	0:01	SSA2	-0.00063	0.74300	Oversupply
7/4/2020 9:36	0:02	17-2	0.00255	0.55200	Oversupply
7/4/2020 9:42	0:02	17-2	0.00407	0.75000	Oversupply
7/4/2020 9:42	0:01	SSA3	-0.00031	2.29400	Oversupply
7/4/2020 9:43	0:01	SSA2	-0.00062	2.44100	Oversupply
7/4/2020 9:44	0:01	SSA2	0.00461	1.90100	Oversupply
7/4/2020 9:44	0:01	SSA3	0.01066	2.30000	Oversupply
7/4/2020 9:45	0:11	17-2	0.07429	0.75000	Oversupply
7/4/2020 9:45	0:01	SSA3	0.00915	0.53700	Oversupply
7/4/2020 9:45	0:01	SSA2	0.01395	1.30800	Oversupply
7/4/2020 9:46	0:01	SSA3	0.00895	0.08200	Oversupply
7/4/2020 9:46	0:01	SSA2	0.01395	0.34900	Oversupply
7/4/2020 9:46	0:01	SSA3	0.00915	0.90500	Oversupply
7/4/2020 9:47	0:01	SSA2	0.01395	0.97100	Oversupply
7/4/2020 9:47	0:01	SSA3	0.00915	0.96200	Oversupply
7/4/2020 9:48	0:01	SSA2	0.01395	0.69000	Oversupply
7/4/2020 9:48	0:01	SSA3	0.00915	0.04300	Oversupply
7/4/2020 9:48	0:01	SSA2	0.01395	0.14800	Oversupply
7/4/2020 9:49	0:01	SSA3	0.00935	0.41900	Oversupply
7/4/2020 9:49	0:01	SSA2	0.01395	0.22900	Oversupply
7/4/2020 9:49	0:01	SSA3	0.00915	0.39000	Oversupply
7/4/2020 9:50	0:01	SSA2	0.01395	0.42400	Oversupply
7/4/2020 9:50	0:01	SSA3	0.00895	0.75200	Oversupply
7/4/2020 9:51	0:01	SSA3	0.00915	1.33300	Oversupply
7/4/2020 9:51	0:01	SSA2	0.01395	0.34100	Oversupply
7/4/2020 9:52	0:01	SSA3	0.00915	1.00800	Oversupply
7/4/2020 9:52	0:01	SSA2	0.01395	1.17300	Oversupply
7/4/2020 9:53	0:01	SSA3	0.00915	0.31100	Oversupply
7/4/2020 9:54	0:01	SSA2	0.01395	0.88300	Oversupply
7/4/2020 9:55	0:01	SSA2	0.01395	1.13100	Oversupply
7/4/2020 9:56	0:01	SSA3	0.00915	0.28000	Oversupply
7/4/2020 9:56	0:07	SSA2	0.07669	0.94600	Oversupply
7/4/2020 9:56	0:06	SSA3	0.06214	0.05000	Oversupply
7/4/2020 9:57	0:06	BS250	Data is not available	Data is not available	Oversupply
7/4/2020 9:57	0:07	AWE	0.04677	21.00000	Oversupply
7/4/2020 9:57	0:11	17-2	0.04508	0.34700	Oversupply
7/4/2020 10:03	0:01	SSA3	0.00995	0.00200	Oversupply
7/4/2020 10:03	0:01	SSA2	0.00514	-0.00300	Oversupply
7/4/2020 10:03	0:01	SSA3	0.00995	0.70100	Oversupply
7/4/2020 10:04	0:01	SSA2	0.00514	0.08100	Oversupply
7/4/2020 10:04	0:01	SSA3	0.00973	1.00000	Oversupply
7/4/2020 10:05	0:01	SSA3	0.00995	1.29500	Oversupply
7/4/2020 10:05	0:01	SSA2	0.00514	0.12800	Oversupply
7/4/2020 10:06	0:01	SSA3	0.00995	1.41600	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/4/2020 10:06	0:01	SSA3	0.00995	2.56800	Oversupply
7/4/2020 10:41	0:01	SSA3	0.00299	2.86100	Oversupply
7/4/2020 10:41	0:01	SSA2	0.00256	1.04100	Oversupply
7/4/2020 10:42	3:17	17-2	1.95541	0.75000	Oversupply
7/4/2020 10:42	0:01	SSA3	0.00306	2.80900	Oversupply
7/4/2020 10:42	0:01	SSA2	0.00256	0.17000	Oversupply
7/4/2020 10:43	0:01	SSA3	0.00306	0.20400	Oversupply
7/4/2020 10:43	0:01	SSA2	0.00256	0.26900	Oversupply
7/4/2020 10:44	0:01	SSA3	0.00306	0.03100	Oversupply
7/4/2020 10:44	0:01	SSA2	0.00464	0.13700	Oversupply
7/4/2020 10:44	0:01	SSA3	0.02217	0.25800	Oversupply
7/4/2020 10:45	0:01	SSA2	0.01391	0.22100	Oversupply
7/4/2020 10:45	0:01	SSA3	0.03376	0.39500	Oversupply
7/4/2020 10:46	0:01	SSA2	0.01391	0.27300	Oversupply
7/4/2020 10:46	0:01	SSA3	0.03304	0.40000	Oversupply
7/4/2020 10:46	0:01	SSA2	0.01391	0.09400	Oversupply
7/4/2020 10:47	0:01	SSA3	0.03376	0.44400	Oversupply
7/4/2020 10:47	0:01	SSA2	0.01391	0.21600	Oversupply
7/4/2020 10:47	0:01	SSA3	0.03304	0.06900	Oversupply
7/4/2020 10:48	0:05	SSA3	0.23346	0.73400	Oversupply
7/4/2020 10:48	0:06	SSA2	0.09736	0.21800	Oversupply
7/4/2020 10:49	0:41	BS250	Data is not available	Data is not available	Oversupply
7/4/2020 10:51	0:06	AWE	0.01155	21.00000	Oversupply
7/4/2020 10:54	0:11	SSA3	0.48851	0.12800	Oversupply
7/4/2020 10:54	0:35	SSA2	0.53453	0.01000	Oversupply
7/4/2020 10:59	0:06	AWE	0.01078	21.00000	Oversupply
7/4/2020 11:04	0:01	SSA3	0.03662	-0.00300	Oversupply
7/4/2020 11:05	0:23	SSA3	1.10383	0.01400	Oversupply
7/4/2020 11:06	0:04	AWE	0.01796	21.00000	Oversupply
7/4/2020 11:11	0:03	AWE	0.00522	21.00000	Oversupply
7/4/2020 11:15	0:08	AWE	0.03076	21.00000	Oversupply
7/4/2020 11:24	0:05	AWE	0.02420	21.00000	Oversupply
7/4/2020 11:28	0:01	SSA3	0.03567	0.00000	Oversupply
7/4/2020 11:29	0:01	SSA2	0.01223	0.10900	Oversupply
7/4/2020 11:29	0:01	SSA3	0.03640	0.73300	Oversupply
7/4/2020 11:30	0:01	SSA2	0.01068	0.09400	Oversupply
7/4/2020 11:30	0:01	SSA3	0.03382	0.30500	Oversupply
7/4/2020 11:31	0:01	SSA2	0.01068	0.27800	Oversupply
7/4/2020 11:31	0:01	SSA3	0.03533	1.21900	Oversupply
7/4/2020 11:31	0:01	SSA3	0.03458	0.31400	Oversupply
7/4/2020 11:31	0:07	SSA2	0.08521	0.16000	Oversupply
7/4/2020 11:32	0:01	BS250	Data is not available	Data is not available	Oversupply
7/4/2020 11:32	0:06	SSA3	0.27812	0.01400	Oversupply
7/4/2020 11:33	0:06	AWE	0.04594	20.80000	Oversupply
7/4/2020 11:34	0:05	BS250	Data is not available	Data is not available	Oversupply
7/4/2020 11:38	0:01	SSA3	0.03458	0.00500	Oversupply
7/4/2020 11:38	0:01	SSA2	0.01068	0.07500	Oversupply
7/4/2020 11:39	0:01	SSA3	0.03458	0.38700	Oversupply
7/4/2020 11:39	0:01	SSA2	0.01068	0.11000	Oversupply
7/4/2020 11:40	0:41	SSA3	1.92685	0.60200	Oversupply
7/4/2020 11:40	0:41	SSA2	1.36551	0.05200	Oversupply
7/4/2020 11:41	0:40	BS250	Data is not available	Data is not available	Oversupply
7/4/2020 11:41	0:17	AWE	0.17043	21.00000	Oversupply
7/4/2020 11:55	0:26	KWP11	0.49370	1.72347	Oversupply
7/4/2020 11:59	0:09	AWE	0.06760	21.00000	Oversupply
7/4/2020 12:09	0:04	AWE	0.04553	21.00000	Oversupply
7/4/2020 12:14	0:06	AWE	0.07727	20.80000	Oversupply
7/4/2020 12:21	0:01	SSA3	0.03653	0.14600	Oversupply
7/4/2020 12:21	0:01	SSA2	0.04053	0.15100	Oversupply
7/4/2020 12:21	0:01	SSA3	0.03497	0.04600	Oversupply
7/4/2020 12:22	0:01	KWP11	0.00083	0.96502	Oversupply
7/4/2020 12:22	0:01	SSA2	0.04053	0.17100	Oversupply
7/4/2020 12:22	0:01	SSA3	0.03497	0.34100	Oversupply
7/4/2020 12:22	0:01	SSA2	0.04053	0.29300	Oversupply
7/4/2020 12:23	0:02	SSA3	0.07228	0.19300	Oversupply
7/4/2020 12:23	0:01	SSA2	0.04053	0.01100	Oversupply
7/4/2020 12:24	0:01	KWP11	0.00547	1.03488	Oversupply
7/4/2020 12:24	0:01	SSA2	0.04053	0.00900	Oversupply
7/4/2020 12:24	0:01	SSA3	0.03497	0.09400	Oversupply
7/4/2020 12:25	0:01	SSA2	0.04053	0.19800	Oversupply
7/4/2020 12:25	0:01	SSA3	0.03653	0.19300	Oversupply
7/4/2020 12:26	0:01	SSA2	0.04053	0.16700	Oversupply
7/4/2020 12:26	0:01	SSA3	0.03575	0.07400	Oversupply
7/4/2020 12:27	0:05	BS250	Data is not available	Data is not available	Oversupply
7/4/2020 12:27	0:05	SSA3	0.18337	0.00900	Oversupply





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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/4/2020 12:27	0:02	SSA2	0.08106	0.00300	Oversupply
7/4/2020 12:28	0:01	AWE	0.00931	21.00000	Oversupply
7/4/2020 12:28	0:04	KWP11	0.02865	0.83130	Oversupply
7/4/2020 12:29	0:01	SSA2	0.04053	0.00000	Oversupply
7/4/2020 12:29	0:02	SSA2	0.05455	-0.00200	Oversupply
7/4/2020 12:31	0:01	SSA2	0.02632	0.00100	Oversupply
7/4/2020 12:31	0:01	SSA3	0.02243	0.02500	Oversupply
7/4/2020 12:32	0:01	SSA2	0.02632	0.05900	Oversupply
7/4/2020 12:32	0:01	SSA3	0.02243	0.35300	Oversupply
7/4/2020 12:33	0:01	SSA2	0.02632	0.09100	Oversupply
7/4/2020 12:33	0:01	SSA3	0.02243	0.02500	Oversupply
7/4/2020 12:34	0:01	SSA3	0.02195	0.64100	Oversupply
7/4/2020 12:34	0:01	SSA2	0.02632	0.33200	Oversupply
7/4/2020 12:34	0:01	SSA3	0.02195	0.21400	Oversupply
7/4/2020 12:35	0:01	SSA2	0.02632	0.49800	Oversupply
7/4/2020 12:35	0:01	SSA3	0.02243	0.39100	Oversupply
7/4/2020 12:35	0:01	SSA2	0.02581	0.90800	Oversupply
7/4/2020 12:36	0:01	SSA3	0.02195	1.11200	Oversupply
7/4/2020 12:36	0:01	SSA2	0.02632	0.96100	Oversupply
7/4/2020 12:37	0:01	SSA3	0.02195	1.87400	Oversupply
7/4/2020 12:37	0:01	SSA2	0.02632	0.78500	Oversupply
7/4/2020 12:38	0:01	SSA3	0.02243	2.94800	Oversupply
7/4/2020 12:38	0:01	SSA2	0.02632	1.78800	Oversupply
7/4/2020 12:38	0:01	SSA3	0.02195	1.73000	Oversupply
7/4/2020 12:39	0:01	SSA2	0.02632	1.51700	Oversupply
7/4/2020 12:39	0:01	SSA3	0.02195	2.33500	Oversupply
7/4/2020 12:40	0:01	SSA2	0.02632	2.41100	Oversupply
7/4/2020 12:40	0:01	SSA3	0.02243	2.10800	Oversupply
7/4/2020 12:41	0:01	SSA3	0.02195	2.28300	Oversupply
7/4/2020 12:41	0:01	SSA2	0.02632	2.01400	Oversupply
7/4/2020 12:41	0:01	SSA3	0.02291	1.49000	Oversupply
7/4/2020 12:42	0:02	SSA2	0.05264	1.63200	Oversupply
7/4/2020 12:42	0:01	SSA3	0.02243	1.92900	Oversupply
7/4/2020 12:43	0:01	SSA3	0.02147	1.57400	Oversupply
7/4/2020 12:43	0:01	SSA2	0.02632	1.27000	Oversupply
7/4/2020 12:44	0:01	SSA3	0.02243	0.88900	Oversupply
7/4/2020 12:44	0:01	SSA2	0.03077	1.06300	Oversupply
7/4/2020 12:45	0:01	SSA3	0.02737	0.77000	Oversupply
7/4/2020 12:45	0:01	SSA2	0.03458	0.64900	Oversupply
7/4/2020 12:45	0:01	SSA3	0.02737	0.67000	Oversupply
7/4/2020 12:46	0:01	SSA2	0.03458	0.20300	Oversupply
7/4/2020 12:46	0:01	SSA3	0.02796	0.80800	Oversupply
7/4/2020 12:47	0:01	SSA2	0.03458	0.75600	Oversupply
7/4/2020 12:47	0:01	SSA3	0.02737	0.64900	Oversupply
7/4/2020 12:48	0:01	SSA2	0.03458	0.06700	Oversupply
7/4/2020 12:48	0:01	SSA3	0.02737	0.51200	Oversupply
7/4/2020 12:48	0:04	SSA3	0.13804	0.55200	Oversupply
7/4/2020 12:48	0:03	SSA2	0.13699	0.38300	Oversupply
7/4/2020 12:49	0:03	BS250	Data is not available	Data is not available	Oversupply
7/4/2020 12:49	0:04	KWP11	0.03227	1.33626	Oversupply
7/4/2020 12:52	0:01	SSA2	0.03458	-0.00300	Oversupply
7/4/2020 12:52	0:01	SSA3	0.02737	0.25100	Oversupply
7/4/2020 12:53	0:01	SSA2	0.03458	-0.00300	Oversupply
7/4/2020 12:53	0:01	SSA3	0.02737	0.41500	Oversupply
7/4/2020 12:54	0:01	SSA2	0.03458	-0.00300	Oversupply
7/4/2020 12:54	0:01	SSA3	0.02796	0.76900	Oversupply
7/4/2020 12:54	0:01	SSA2	0.03458	-0.00300	Oversupply
7/4/2020 12:55	0:01	SSA3	0.02856	1.24500	Oversupply
7/4/2020 12:55	0:01	SSA2	0.03325	0.24100	Oversupply
7/4/2020 12:55	0:01	SSA3	0.02678	1.71700	Oversupply
7/4/2020 12:56	0:01	SSA3	0.02737	1.48300	Oversupply
7/4/2020 12:56	0:01	SSA2	0.03458	0.51700	Oversupply
7/4/2020 12:57	0:01	SSA3	0.02737	1.57100	Oversupply
7/4/2020 12:57	0:01	SSA2	0.03458	1.02600	Oversupply
7/4/2020 12:58	0:01	SSA3	0.02737	1.90500	Oversupply
7/4/2020 12:58	0:01	SSA2	0.03458	2.63000	Oversupply
7/4/2020 12:58	0:01	SSA3	0.02797	1.33900	Oversupply
7/4/2020 12:59	0:01	SSA2	0.03364	0.95000	Oversupply
7/4/2020 12:59	0:01	SSA3	0.02725	1.07000	Oversupply
7/4/2020 13:00	0:01	SSA2	0.03256	1.59100	Oversupply
7/4/2020 13:00	0:01	SSA3	0.02762	1.59000	Oversupply
7/4/2020 13:00	0:01	SSA2	0.03131	1.47300	Oversupply
7/4/2020 13:01	0:01	SSA3	0.02824	1.48700	Oversupply
7/4/2020 13:01	0:01	SSA2	0.03256	1.44100	Oversupply
7/4/2020 13:01	0:01	SSA3	0.02824	0.12100	Oversupply



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July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/4/2020 13:02	0:01	SSA2	0.03256	0.98000	Oversupply
7/4/2020 13:02	0:01	SSA3	0.02885	0.84600	Oversupply
7/4/2020 13:03	0:01	SSA3	0.02885	0.71900	Oversupply
7/4/2020 13:03	0:01	SSA2	0.03193	0.99800	Oversupply
7/4/2020 13:04	0:01	SSA3	0.02885	0.84200	Oversupply
7/4/2020 13:04	0:01	SSA2	0.03256	0.40500	Oversupply
7/4/2020 13:05	0:01	SSA3	0.02885	0.60700	Oversupply
7/4/2020 13:05	0:01	SSA2	0.03256	0.79500	Oversupply
7/4/2020 13:05	0:01	SSA3	0.02824	1.20500	Oversupply
7/4/2020 13:06	0:01	SSA2	0.03193	2.04000	Oversupply
7/4/2020 13:06	0:01	SSA3	0.02824	1.56500	Oversupply
7/4/2020 13:06	0:01	SSA2	0.03256	0.25100	Oversupply
7/4/2020 13:07	0:01	SSA3	0.02824	1.47100	Oversupply
7/4/2020 13:07	0:01	SSA2	0.03256	0.39500	Oversupply
7/4/2020 13:08	0:01	SSA3	0.02885	0.68800	Oversupply
7/4/2020 13:08	0:01	SSA2	0.03256	0.90700	Oversupply
7/4/2020 13:08	0:01	SSA3	0.02824	0.68400	Oversupply
7/4/2020 13:09	0:02	BS250	Data is not available	Data is not available	Oversupply
7/4/2020 13:09	0:03	SSA2	0.09767	0.03400	Oversupply
7/4/2020 13:09	0:02	SSA3	0.08656	0.12500	Oversupply
7/4/2020 13:10	0:01	KWP11	0.00088	0.05289	Oversupply
7/4/2020 13:10	0:02	AWE	0.02041	19.30000	Oversupply
7/4/2020 13:12	0:01	SSA3	0.02824	0.05700	Oversupply
7/4/2020 13:12	0:01	SSA2	0.03256	-0.00300	Oversupply
7/4/2020 13:12	0:01	SSA3	0.02824	0.15500	Oversupply
7/4/2020 13:13	0:01	BS250	Data is not available	Data is not available	Oversupply
7/4/2020 13:13	0:01	SSA2	0.03256	-0.00300	Oversupply
7/4/2020 13:13	0:01	SSA3	0.02762	0.00700	Oversupply
7/4/2020 13:13	0:01	SSA2	0.03256	-0.00300	Oversupply
7/4/2020 13:14	0:02	SSA3	0.05397	0.16800	Oversupply
7/4/2020 13:14	0:01	SSA2	0.02874	-0.00300	Oversupply
7/4/2020 13:15	0:01	SSA2	0.02747	0.13200	Oversupply
7/4/2020 13:15	0:01	SSA3	0.02548	0.15500	Oversupply
7/4/2020 13:16	0:01	SSA2	0.02747	0.29900	Oversupply
7/4/2020 13:16	0:01	SSA3	0.02548	0.69100	Oversupply
7/4/2020 13:17	0:01	SSA2	0.02747	0.31800	Oversupply
7/4/2020 13:17	0:01	SSA3	0.02548	0.19800	Oversupply
7/4/2020 13:18	0:01	SSA3	0.02548	0.76500	Oversupply
7/4/2020 13:18	0:01	SSA2	0.02747	0.88600	Oversupply
7/4/2020 13:18	0:01	SSA3	0.02603	0.14300	Oversupply
7/4/2020 13:19	0:01	SSA2	0.02747	0.05600	Oversupply
7/4/2020 13:19	0:01	SSA3	0.02548	0.08600	Oversupply
7/4/2020 13:19	0:01	SSA2	0.02747	0.19100	Oversupply
7/4/2020 13:20	0:01	SSA3	0.02603	0.11200	Oversupply
7/4/2020 13:20	0:01	SSA2	0.02694	0.33500	Oversupply
7/4/2020 13:21	0:01	SSA3	0.02492	0.51500	Oversupply
7/4/2020 13:21	0:01	SSA2	0.02747	0.62600	Oversupply
7/4/2020 13:22	0:01	SSA3	0.02492	0.60900	Oversupply
7/4/2020 13:22	0:01	SSA2	0.02747	0.81700	Oversupply
7/4/2020 13:22	0:01	SSA3	0.02603	0.96800	Oversupply
7/4/2020 13:23	0:01	SSA2	0.02747	1.06800	Oversupply
7/4/2020 13:23	0:01	SSA3	0.02548	0.91700	Oversupply
7/4/2020 13:24	0:01	SSA2	0.02747	1.30400	Oversupply
7/4/2020 13:24	0:01	SSA3	0.02548	1.02100	Oversupply
7/4/2020 13:25	0:01	SSA3	0.02548	1.46400	Oversupply
7/4/2020 13:25	0:01	SSA2	0.02747	1.07200	Oversupply
7/4/2020 13:25	0:01	SSA3	0.02548	2.09000	Oversupply
7/4/2020 13:26	0:01	SSA2	0.02747	1.93000	Oversupply
7/4/2020 13:26	0:01	SSA3	0.02493	1.99100	Oversupply
7/4/2020 13:26	0:01	SSA2	0.02747	2.20700	Oversupply
7/4/2020 13:27	0:01	SSA3	0.02548	1.92200	Oversupply
7/4/2020 13:27	0:01	SSA2	0.02747	1.80500	Oversupply
7/4/2020 13:28	0:01	SSA2	0.02747	2.28600	Oversupply
7/4/2020 13:28	0:01	SSA3	0.02492	1.78700	Oversupply
7/4/2020 13:29	0:01	SSA3	0.02926	0.75800	Oversupply
7/4/2020 13:30	0:01	SSA2	0.03470	0.06200	Oversupply
7/4/2020 13:30	0:01	SSA3	0.01917	1.31900	Oversupply
7/4/2020 13:31	0:01	SSA3	0.01959	1.23400	Oversupply
7/4/2020 13:31	0:01	SSA2	0.03470	0.89300	Oversupply
7/4/2020 13:31	0:01	SSA3	0.01875	0.18600	Oversupply
7/4/2020 13:32	0:01	SSA2	0.03403	1.60200	Oversupply
7/4/2020 13:32	0:01	SSA3	0.01959	0.70100	Oversupply
7/4/2020 13:32	0:01	SSA2	0.03470	1.96900	Oversupply
7/4/2020 13:33	0:01	SSA3	0.01875	0.58200	Oversupply
7/4/2020 13:33	0:01	SSA2	0.03470	1.51300	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/4/2020 13:34	0:01	SSA3	0.01917	0.43500	Oversupply
7/4/2020 13:34	0:01	SSA2	0.03470	1.21500	Oversupply
7/4/2020 13:35	0:01	SSA3	0.01917	0.68100	Oversupply
7/4/2020 13:35	0:01	SSA2	0.03536	0.45000	Oversupply
7/4/2020 13:35	0:07	SSA3	0.17253	0.28800	Oversupply
7/4/2020 13:36	0:07	AWE	0.05940	21.00000	Oversupply
7/4/2020 13:36	0:07	SSA2	0.27756	0.03100	Oversupply
7/4/2020 13:37	0:06	BS250	Data is not available	Data is not available	Oversupply
7/4/2020 13:42	0:01	SSA3	0.01917	0.03300	Oversupply
7/4/2020 13:43	0:01	SSA2	0.03470	0.05900	Oversupply
7/4/2020 13:43	0:01	SSA3	0.02000	0.17600	Oversupply
7/4/2020 13:44	0:01	SSA2	0.03406	0.26100	Oversupply
7/4/2020 13:44	0:01	SSA3	0.01913	0.28400	Oversupply
7/4/2020 13:45	0:01	SSA3	0.02185	0.46100	Oversupply
7/4/2020 13:45	0:01	SSA2	0.02921	0.27300	Oversupply
7/4/2020 13:45	0:01	SSA3	0.02138	0.17200	Oversupply
7/4/2020 13:45	0:01	SSA2	0.02808	0.08900	Oversupply
7/4/2020 13:46	0:01	SSA3	0.02232	0.01100	Oversupply
7/4/2020 13:46	0:01	SSA2	0.02921	0.00100	Oversupply
7/4/2020 13:47	0:01	SSA3	0.02185	0.20700	Oversupply
7/4/2020 13:47	0:01	SSA2	0.02921	0.32900	Oversupply
7/4/2020 13:48	0:01	SSA3	0.02233	0.41800	Oversupply
7/4/2020 13:48	0:01	SSA2	0.02921	0.83700	Oversupply
7/4/2020 13:48	0:01	SSA3	0.02232	1.12000	Oversupply
7/4/2020 13:49	0:01	SSA2	0.02921	0.72900	Oversupply
7/4/2020 13:49	0:02	SSA3	0.04370	0.86900	Oversupply
7/4/2020 13:50	0:01	SSA2	0.02921	1.08500	Oversupply
7/4/2020 13:51	0:01	SSA2	0.02921	0.48700	Oversupply
7/4/2020 13:51	0:01	SSA3	0.02137	0.83700	Oversupply
7/4/2020 13:51	0:01	SSA3	0.02185	1.14700	Oversupply
7/4/2020 13:52	0:01	SSA2	0.02921	0.23000	Oversupply
7/4/2020 13:52	0:01	SSA3	0.02233	0.35000	Oversupply
7/4/2020 13:52	0:01	SSA2	0.02921	0.84500	Oversupply
7/4/2020 13:53	0:01	SSA3	0.02185	1.24500	Oversupply
7/4/2020 13:53	0:01	SSA2	0.02921	0.92500	Oversupply
7/4/2020 13:54	0:01	SSA3	0.02185	1.12100	Oversupply
7/4/2020 13:54	0:01	SSA2	0.02921	1.41100	Oversupply
7/4/2020 13:55	0:01	SSA3	0.02185	1.06000	Oversupply
7/4/2020 13:55	0:01	SSA2	0.02921	1.73200	Oversupply
7/4/2020 13:55	0:01	SSA3	0.02233	1.17500	Oversupply
7/4/2020 13:56	0:01	SSA2	0.02921	1.93800	Oversupply
7/4/2020 13:56	0:01	SSA3	0.02185	2.45800	Oversupply
7/4/2020 13:57	0:01	SSA2	0.02921	1.44200	Oversupply
7/4/2020 13:57	0:01	SSA3	0.02185	2.32500	Oversupply
7/4/2020 14:01	0:01	17-2	0.00010	0.41900	Oversupply
7/4/2020 14:01	0:01	SSA3	0.00316	2.86500	Oversupply
7/4/2020 14:05	0:01	SSA3	0.00302	2.80200	Oversupply
7/4/2020 14:05	0:01	SSA2	0.00286	2.84900	Oversupply
7/4/2020 14:06	0:03	17-2	0.02066	0.75000	Oversupply
7/4/2020 14:06	0:01	SSA3	0.00309	2.56300	Oversupply
7/4/2020 14:06	0:01	SSA2	0.00286	2.26700	Oversupply
7/4/2020 14:07	0:01	SSA3	0.00309	2.20400	Oversupply
7/4/2020 14:15	0:01	SSA2	0.00378	2.84900	Oversupply
7/4/2020 14:16	0:01	SSA3	0.00384	1.11500	Oversupply
7/4/2020 14:17	0:04	17-2	0.02004	0.43500	Oversupply
7/4/2020 14:17	0:01	SSA3	0.00384	2.33600	Oversupply
7/4/2020 14:17	0:01	SSA2	0.00386	2.15400	Oversupply
7/4/2020 14:18	0:01	SSA3	0.00444	2.52200	Oversupply
7/4/2020 14:18	0:01	SSA2	0.00371	2.26900	Oversupply
7/4/2020 14:19	0:01	SSA2	0.00378	2.43800	Oversupply
7/4/2020 14:32	0:01	SSA3	0.00263	2.71600	Oversupply
7/4/2020 14:33	0:01	SSA2	0.00084	2.85000	Oversupply
7/4/2020 14:34	0:01	17-2	0.00784	0.75000	Oversupply
7/4/2020 23:44	0:01	AWE	0.00333	0.20000	Oversupply
7/5/2020 6:27	9:59	17-2	4.98711	0.75000	Oversupply
7/5/2020 9:30	0:01	SSA3	0.00497	2.15100	Oversupply
7/5/2020 9:31	0:01	SSA3	0.00486	2.16000	Oversupply
7/5/2020 9:31	0:01	SSA2	0.00140	2.05900	Oversupply
7/5/2020 9:31	0:01	SSA3	0.00497	2.17100	Oversupply
7/5/2020 9:32	0:01	SSA3	0.00497	0.20400	Oversupply
7/5/2020 9:32	0:01	SSA2	0.00140	2.05400	Oversupply
7/5/2020 9:33	0:01	SSA3	0.00497	0.74600	Oversupply
7/5/2020 9:33	0:01	SSA2	0.00140	1.52500	Oversupply
7/5/2020 9:41	0:01	SSA3	0.00497	2.23600	Oversupply
7/5/2020 9:42	0:01	SSA2	0.00140	1.01900	Oversupply



**Maui Curtailment Report**

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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/5/2020 9:42	0:01	SSA3	0.00497	2.19200	Oversupply
7/5/2020 9:43	0:01	SSA3	0.00486	0.05700	Oversupply
7/5/2020 9:43	0:01	SSA2	0.00140	0.08900	Oversupply
7/5/2020 9:44	0:01	SSA3	0.00497	0.30300	Oversupply
7/5/2020 9:44	0:01	SSA3	0.00566	1.71600	Oversupply
7/5/2020 9:45	0:01	SSA2	0.00577	0.57900	Oversupply
7/5/2020 9:45	0:01	SSA3	0.00787	1.81500	Oversupply
7/5/2020 9:47	0:01	SSA3	0.00754	2.00400	Oversupply
7/5/2020 9:47	0:01	SSA2	0.00588	0.51700	Oversupply
7/5/2020 9:48	0:01	SSA3	0.00754	1.59100	Oversupply
7/5/2020 9:48	0:01	SSA3	0.00754	2.29200	Oversupply
7/5/2020 9:49	0:01	SSA2	0.00588	1.12500	Oversupply
7/5/2020 9:49	0:01	SSA3	0.00754	1.34400	Oversupply
7/5/2020 9:49	0:01	SSA2	0.00588	1.09300	Oversupply
7/5/2020 9:50	0:01	SSA3	0.00771	1.27700	Oversupply
7/5/2020 9:50	0:01	SSA2	0.00588	1.31500	Oversupply
7/5/2020 9:51	0:01	SSA3	0.00738	2.19600	Oversupply
7/5/2020 9:51	0:01	SSA2	0.00588	1.74100	Oversupply
7/5/2020 9:51	0:01	SSA3	0.00754	1.14600	Oversupply
7/5/2020 9:52	0:01	SSA2	0.00588	1.78900	Oversupply
7/5/2020 9:52	0:01	SSA3	0.00754	2.07400	Oversupply
7/5/2020 9:53	0:01	SSA3	0.00754	1.31600	Oversupply
7/5/2020 9:53	0:01	SSA2	0.00588	1.57500	Oversupply
7/5/2020 9:54	0:01	SSA3	0.00738	1.52000	Oversupply
7/5/2020 9:56	0:01	SSA2	0.00588	0.65700	Oversupply
7/5/2020 9:57	0:01	SSA3	0.00738	2.37000	Oversupply
7/5/2020 9:57	0:01	SSA2	0.00588	0.68200	Oversupply
7/5/2020 9:57	0:01	SSA3	0.00754	2.37900	Oversupply
7/5/2020 9:58	0:01	SSA2	0.00588	0.11000	Oversupply
7/5/2020 9:58	0:01	SSA3	0.00754	0.04700	Oversupply
7/5/2020 9:59	0:01	SSA2	0.00818	0.57700	Oversupply
7/5/2020 9:59	0:01	SSA3	0.00823	0.39000	Oversupply
7/5/2020 10:00	0:01	SSA3	0.01093	1.86100	Oversupply
7/5/2020 10:05	0:01	SSA2	0.01069	0.77200	Oversupply
7/5/2020 10:06	0:01	SSA3	0.01093	1.75000	Oversupply
7/5/2020 10:07	0:01	SSA3	0.01117	0.23900	Oversupply
7/5/2020 10:07	0:01	SSA2	0.01049	0.38100	Oversupply
7/5/2020 10:07	0:01	SSA3	0.01069	1.12200	Oversupply
7/5/2020 10:08	0:01	SSA2	0.01049	0.10400	Oversupply
7/5/2020 10:08	0:01	SSA3	0.01117	0.03600	Oversupply
7/5/2020 10:08	0:01	SSA2	0.01049	0.03200	Oversupply
7/5/2020 10:09	0:01	SSA3	0.01093	0.26900	Oversupply
7/5/2020 10:09	0:01	SSA2	0.01049	0.09400	Oversupply
7/5/2020 10:10	0:01	SSA3	0.01093	1.61200	Oversupply
7/5/2020 10:10	0:01	SSA2	0.01028	0.13400	Oversupply
7/5/2020 10:11	0:01	SSA3	0.01093	0.92300	Oversupply
7/5/2020 10:11	0:01	SSA2	0.01049	0.13200	Oversupply
7/5/2020 10:11	0:01	SSA3	0.01117	1.76600	Oversupply
7/5/2020 10:12	0:01	SSA2	0.01049	0.13800	Oversupply
7/5/2020 10:12	0:01	SSA3	0.01117	1.45700	Oversupply
7/5/2020 10:13	0:01	SSA2	0.01049	0.13500	Oversupply
7/5/2020 10:13	0:01	SSA3	0.01093	1.36400	Oversupply
7/5/2020 10:14	0:01	SSA3	0.01093	1.59500	Oversupply
7/5/2020 10:14	0:01	SSA2	0.01014	0.13700	Oversupply
7/5/2020 10:14	0:01	SSA3	0.00861	0.98100	Oversupply
7/5/2020 10:15	0:01	SSA2	0.00446	0.51200	Oversupply
7/5/2020 10:15	0:01	SSA3	0.00905	1.16000	Oversupply
7/5/2020 10:15	0:01	SSA2	0.00446	0.94100	Oversupply
7/5/2020 10:16	0:01	SSA3	0.00905	1.22800	Oversupply
7/5/2020 10:16	0:01	SSA2	0.00446	1.46800	Oversupply
7/5/2020 10:17	0:01	SSA3	0.00946	1.36900	Oversupply
7/5/2020 10:17	0:01	SSA2	0.00446	1.70300	Oversupply
7/5/2020 10:17	0:01	SSA3	0.00905	0.47400	Oversupply
7/5/2020 10:18	0:01	SSA2	0.00446	0.13600	Oversupply
7/5/2020 10:18	0:01	SSA3	0.00925	0.79900	Oversupply
7/5/2020 10:19	0:01	SSA2	0.00446	0.21500	Oversupply
7/5/2020 10:19	0:01	SSA3	0.00946	0.42800	Oversupply
7/5/2020 10:20	0:01	SSA2	0.00446	0.39600	Oversupply
7/5/2020 10:20	0:01	SSA3	0.00925	1.38300	Oversupply
7/5/2020 10:21	0:01	SSA3	0.00925	2.43200	Oversupply
7/5/2020 10:27	0:01	SSA3	0.00905	2.55000	Oversupply
7/5/2020 10:28	0:01	SSA2	0.00446	1.66900	Oversupply
7/5/2020 10:28	0:01	SSA2	0.00446	1.87000	Oversupply
7/5/2020 10:29	0:01	SSA3	0.01027	0.44800	Oversupply
7/5/2020 10:29	0:01	SSA2	0.00498	2.33700	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/5/2020 10:30	0:01	SSA3	0.01400	0.43300	Oversupply
7/5/2020 10:30	0:01	SSA2	0.01388	0.12900	Oversupply
7/5/2020 10:30	0:01	SSA3	0.01431	1.28400	Oversupply
7/5/2020 10:31	0:01	SSA2	0.01388	0.27600	Oversupply
7/5/2020 10:31	0:01	SSA3	0.01400	1.35400	Oversupply
7/5/2020 10:32	0:01	SSA2	0.01388	1.89800	Oversupply
7/5/2020 10:32	0:01	SSA3	0.01400	1.40000	Oversupply
7/5/2020 10:33	0:01	SSA2	0.01388	1.11400	Oversupply
7/5/2020 10:33	0:01	SSA3	0.01400	1.70400	Oversupply
7/5/2020 10:34	0:01	SSA3	0.01431	1.67000	Oversupply
7/5/2020 10:34	0:01	SSA2	0.01388	0.48600	Oversupply
7/5/2020 10:34	0:01	SSA3	0.01370	2.05600	Oversupply
7/5/2020 10:34	0:01	SSA2	0.01388	1.17000	Oversupply
7/5/2020 10:35	0:01	SSA3	0.01400	1.98200	Oversupply
7/5/2020 10:35	0:01	SSA2	0.01388	0.75900	Oversupply
7/5/2020 10:38	0:01	SSA3	0.01400	2.62900	Oversupply
7/5/2020 10:39	0:01	SSA2	0.01388	1.25600	Oversupply
7/5/2020 10:39	0:01	SSA3	0.01400	2.63400	Oversupply
7/5/2020 10:40	0:01	SSA2	0.01388	0.48400	Oversupply
7/5/2020 10:40	0:01	SSA3	0.01431	0.19200	Oversupply
7/5/2020 10:40	0:01	SSA3	0.01370	0.19100	Oversupply
7/5/2020 10:41	0:01	SSA2	0.01362	0.99000	Oversupply
7/5/2020 10:41	0:01	SSA3	0.01431	1.20400	Oversupply
7/5/2020 10:41	0:01	SSA2	0.01388	1.65700	Oversupply
7/5/2020 10:42	0:01	SSA3	0.01400	2.45500	Oversupply
7/5/2020 10:42	0:01	SSA2	0.01388	2.37000	Oversupply
7/5/2020 10:43	0:01	SSA3	0.01370	1.54200	Oversupply
7/5/2020 10:43	0:01	SSA2	0.01388	1.11400	Oversupply
7/5/2020 10:44	0:01	SSA3	0.01400	0.27700	Oversupply
7/5/2020 10:44	0:01	SSA2	0.01496	0.68100	Oversupply
7/5/2020 10:44	0:01	SSA3	0.01998	0.26700	Oversupply
7/5/2020 10:45	0:01	SSA2	0.02283	0.86600	Oversupply
7/5/2020 10:45	0:01	SSA3	0.02402	1.52200	Oversupply
7/5/2020 10:46	0:01	SSA2	0.02283	1.51500	Oversupply
7/5/2020 10:46	0:01	SSA3	0.02402	1.15600	Oversupply
7/5/2020 10:47	0:01	SSA2	0.02283	1.51500	Oversupply
7/5/2020 10:47	0:01	SSA3	0.02350	1.80500	Oversupply
7/5/2020 10:47	0:01	SSA3	0.02402	1.76200	Oversupply
7/5/2020 10:47	0:01	SSA2	0.02283	2.01400	Oversupply
7/5/2020 10:48	0:01	SSA3	0.02454	1.18600	Oversupply
7/5/2020 10:48	0:01	SSA2	0.02283	1.35700	Oversupply
7/5/2020 10:49	0:01	SSA3	0.02454	1.07500	Oversupply
7/5/2020 10:49	0:01	SSA2	0.02283	0.73700	Oversupply
7/5/2020 10:50	0:01	SSA3	0.02402	0.64600	Oversupply
7/5/2020 10:50	0:01	SSA2	0.02239	0.60900	Oversupply
7/5/2020 10:50	0:01	SSA3	0.02402	0.08700	Oversupply
7/5/2020 10:51	0:01	SSA2	0.02327	0.34600	Oversupply
7/5/2020 10:51	0:01	SSA3	0.02402	0.54100	Oversupply
7/5/2020 10:52	0:01	SSA2	0.02239	0.67600	Oversupply
7/5/2020 10:52	0:01	SSA3	0.02350	1.78500	Oversupply
7/5/2020 10:53	0:01	SSA2	0.02283	1.16800	Oversupply
7/5/2020 10:53	0:01	SSA3	0.02454	1.23200	Oversupply
7/5/2020 10:53	0:01	SSA2	0.02283	0.50400	Oversupply
7/5/2020 10:54	0:01	SSA3	0.02350	0.96000	Oversupply
7/5/2020 10:54	0:01	SSA3	0.02402	1.88000	Oversupply
7/5/2020 10:54	0:01	SSA2	0.02283	0.86500	Oversupply
7/5/2020 10:55	0:01	SSA3	0.02454	0.22600	Oversupply
7/5/2020 10:55	0:01	SSA2	0.02327	0.97900	Oversupply
7/5/2020 10:56	0:01	SSA3	0.02454	0.56200	Oversupply
7/5/2020 10:56	0:01	SSA2	0.02283	0.08900	Oversupply
7/5/2020 10:57	0:01	SSA3	0.02454	0.11200	Oversupply
7/5/2020 10:57	0:01	SSA2	0.02283	0.18100	Oversupply
7/5/2020 10:57	0:01	SSA3	0.02402	0.33900	Oversupply
7/5/2020 10:58	0:01	SSA2	0.02283	0.73400	Oversupply
7/5/2020 10:58	0:01	SSA3	0.02454	0.23200	Oversupply
7/5/2020 10:59	0:01	SSA2	0.02346	0.16000	Oversupply
7/5/2020 10:59	0:02	SSA3	0.06113	0.31400	Oversupply
7/5/2020 11:00	0:01	BS250	Data is not available	Data is not available	Oversupply
7/5/2020 11:00	0:01	AWE	0.00488	14.70000	Oversupply
7/5/2020 11:00	0:01	SSA2	0.03763	0.05400	Oversupply
7/5/2020 11:00	0:01	SSA2	0.03763	0.00200	Oversupply
7/5/2020 11:00	0:01	SSA3	0.03551	0.05300	Oversupply
7/5/2020 11:01	0:01	SSA3	0.03400	0.07700	Oversupply
7/5/2020 11:01	0:01	SSA2	0.03763	-0.00300	Oversupply
7/5/2020 11:02	0:02	SSA3	0.07027	0.05600	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/5/2020 11:02	0:01	SSA2	0.03763	-0.00300	Oversupply
7/5/2020 11:03	0:01	BS250	Data is not available	Data is not available	Oversupply
7/5/2020 11:03	0:01	SSA2	0.03763	-0.00300	Oversupply
7/5/2020 11:04	0:01	SSA3	0.03551	0.07100	Oversupply
7/5/2020 11:04	0:01	SSA2	0.03763	-0.00300	Oversupply
7/5/2020 11:04	0:01	SSA3	0.03476	0.11200	Oversupply
7/5/2020 11:05	0:01	SSA2	0.03763	-0.00300	Oversupply
7/5/2020 11:05	0:01	SSA3	0.03551	0.13800	Oversupply
7/5/2020 11:06	0:01	SSA2	0.03763	0.04100	Oversupply
7/5/2020 11:06	0:01	SSA3	0.03476	0.28500	Oversupply
7/5/2020 11:06	0:01	SSA2	0.03763	0.35200	Oversupply
7/5/2020 11:07	0:01	SSA3	0.03551	0.68900	Oversupply
7/5/2020 11:07	0:01	SSA2	0.03763	0.59600	Oversupply
7/5/2020 11:07	0:01	SSA3	0.03400	0.57100	Oversupply
7/5/2020 11:08	0:01	SSA3	0.03551	0.01500	Oversupply
7/5/2020 11:08	0:01	SSA2	0.03763	0.07800	Oversupply
7/5/2020 11:09	0:07	BS250	Data is not available	Data is not available	Oversupply
7/5/2020 11:09	0:01	AWE	0.00136	13.80000	Oversupply
7/5/2020 11:09	0:06	SSA3	0.27736	0.00300	Oversupply
7/5/2020 11:09	0:01	SSA2	0.03763	0.08800	Oversupply
7/5/2020 11:10	0:05	SSA2	0.22308	0.01100	Oversupply
7/5/2020 11:11	0:06	AWE	0.03071	15.30000	Oversupply
7/5/2020 11:15	0:01	SSA3	0.03534	0.07100	Oversupply
7/5/2020 11:15	0:01	SSA2	0.02442	-0.00300	Oversupply
7/5/2020 11:16	0:01	SSA3	0.03458	0.16800	Oversupply
7/5/2020 11:16	0:01	SSA2	0.02442	0.06500	Oversupply
7/5/2020 11:17	0:01	SSA3	0.03534	0.37000	Oversupply
7/5/2020 11:17	0:01	SSA2	0.02442	0.12700	Oversupply
7/5/2020 11:17	0:01	SSA3	0.03611	0.36700	Oversupply
7/5/2020 11:18	0:01	SSA2	0.02442	0.01300	Oversupply
7/5/2020 11:18	0:01	SSA3	0.03457	0.00400	Oversupply
7/5/2020 11:19	0:01	SSA2	0.02442	0.19100	Oversupply
7/5/2020 11:19	0:01	SSA3	0.03688	0.56100	Oversupply
7/5/2020 11:19	0:01	SSA2	0.02583	0.00700	Oversupply
7/5/2020 11:20	0:01	AWE	0.00671	13.80000	Oversupply
7/5/2020 11:20	0:01	SSA3	0.03458	-0.00100	Oversupply
7/5/2020 11:20	0:01	SSA2	0.02348	0.23600	Oversupply
7/5/2020 11:20	0:01	SSA3	0.03611	0.21800	Oversupply
7/5/2020 11:21	0:01	SSA2	0.02442	0.44000	Oversupply
7/5/2020 11:21	0:01	SSA3	0.03534	0.32600	Oversupply
7/5/2020 11:22	0:12	BS250	Data is not available	Data is not available	Oversupply
7/5/2020 11:22	0:01	SSA3	0.03534	0.04500	Oversupply
7/5/2020 11:22	0:01	SSA2	0.02442	0.00300	Oversupply
7/5/2020 11:23	0:10	SSA3	0.43802	0.03200	Oversupply
7/5/2020 11:23	0:10	SSA2	0.34019	0.04300	Oversupply
7/5/2020 11:24	0:10	AWE	0.07598	14.60000	Oversupply
7/5/2020 11:33	0:01	SSA3	0.02958	0.00100	Oversupply
7/5/2020 11:33	0:01	SSA2	0.03617	0.00600	Oversupply
7/5/2020 11:34	0:01	SSA3	0.03023	0.02600	Oversupply
7/5/2020 11:34	0:01	SSA2	0.03617	0.01600	Oversupply
7/5/2020 11:34	0:01	SSA3	0.03023	0.00100	Oversupply
7/5/2020 11:35	0:01	BS250	Data is not available	Data is not available	Oversupply
7/5/2020 11:35	0:01	AWE	0.00355	13.20000	Oversupply
7/5/2020 11:35	0:01	SSA2	0.03617	0.31300	Oversupply
7/5/2020 11:35	0:01	SSA3	0.02958	0.09600	Oversupply
7/5/2020 11:36	0:04	SSA3	0.14791	0.23300	Oversupply
7/5/2020 11:36	0:03	SSA2	0.14398	0.08300	Oversupply
7/5/2020 11:37	0:03	BS250	Data is not available	Data is not available	Oversupply
7/5/2020 11:37	0:04	AWE	0.03200	13.70000	Oversupply
7/5/2020 11:39	0:01	SSA2	0.03617	0.00000	Oversupply
7/5/2020 11:40	0:01	SSA3	0.02894	0.08200	Oversupply
7/5/2020 11:40	0:01	SSA2	0.03617	0.11100	Oversupply
7/5/2020 11:40	0:01	SSA3	0.02958	0.21300	Oversupply
7/5/2020 11:41	0:03	SSA2	0.10850	0.01600	Oversupply
7/5/2020 11:41	0:03	SSA3	0.11961	0.00400	Oversupply
7/5/2020 11:42	0:03	BS250	Data is not available	Data is not available	Oversupply
7/5/2020 11:42	0:03	AWE	0.01646	12.70000	Oversupply
7/5/2020 11:44	0:01	SSA2	0.03571	-0.00300	Oversupply
7/5/2020 11:44	0:01	SSA3	0.02619	0.08100	Oversupply
7/5/2020 11:45	0:02	SSA2	0.05520	-0.00300	Oversupply
7/5/2020 11:45	0:01	SSA3	0.01214	0.00100	Oversupply
7/5/2020 11:46	0:01	SSA3	0.01241	0.00100	Oversupply
7/5/2020 11:46	0:01	SSA2	0.02760	0.07000	Oversupply
7/5/2020 11:47	0:01	SSA3	0.01268	0.14200	Oversupply
7/5/2020 11:47	0:01	SSA2	0.02760	0.12400	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/5/2020 11:47	0:01	SSA3	0.01214	0.16300	Oversupply
7/5/2020 11:48	0:01	SSA2	0.02760	0.29200	Oversupply
7/5/2020 11:48	0:01	SSA3	0.01349	0.35700	Oversupply
7/5/2020 11:49	0:01	SSA3	0.01322	0.61000	Oversupply
7/5/2020 11:50	0:01	SSA2	0.02760	1.22600	Oversupply
7/5/2020 11:50	0:01	SSA3	0.01241	0.96800	Oversupply
7/5/2020 11:51	0:01	SSA3	0.01214	1.01200	Oversupply
7/5/2020 11:51	0:01	SSA2	0.02654	1.88200	Oversupply
7/5/2020 11:51	0:01	SSA3	0.01241	0.14100	Oversupply
7/5/2020 11:51	0:01	SSA2	0.02760	1.11500	Oversupply
7/5/2020 11:52	0:01	SSA3	0.01241	0.44100	Oversupply
7/5/2020 11:52	0:01	SSA2	0.02760	0.43300	Oversupply
7/5/2020 11:53	0:01	SSA3	0.01214	0.29600	Oversupply
7/5/2020 11:53	0:01	SSA2	0.02760	0.81800	Oversupply
7/5/2020 11:54	0:01	SSA3	0.01241	0.36800	Oversupply
7/5/2020 11:54	0:01	SSA2	0.02760	0.52700	Oversupply
7/5/2020 11:54	0:01	SSA3	0.01214	0.77800	Oversupply
7/5/2020 11:55	0:01	SSA2	0.02760	0.41300	Oversupply
7/5/2020 11:55	0:01	SSA3	0.01214	0.17200	Oversupply
7/5/2020 11:56	0:01	SSA2	0.02760	1.18600	Oversupply
7/5/2020 11:56	0:01	SSA3	0.01268	0.57400	Oversupply
7/5/2020 11:57	0:01	SSA3	0.01241	0.32900	Oversupply
7/5/2020 11:57	0:01	SSA2	0.02760	0.54500	Oversupply
7/5/2020 11:57	0:03	SSA3	0.05251	0.08600	Oversupply
7/5/2020 11:58	0:03	BS250	Data is not available	Data is not available	Oversupply
7/5/2020 11:58	0:02	SSA2	0.05520	0.15600	Oversupply
7/5/2020 11:59	0:01	AWE	0.01323	16.10000	Oversupply
7/5/2020 11:59	0:01	SSA2	0.02748	-0.00300	Oversupply
7/5/2020 12:00	0:01	SSA2	0.03279	-0.00300	Oversupply
7/5/2020 12:00	0:01	SSA3	0.01618	0.00600	Oversupply
7/5/2020 12:01	0:01	AWE	0.00061	15.10000	Oversupply
7/5/2020 12:01	0:01	SSA2	0.03279	-0.00300	Oversupply
7/5/2020 12:01	0:01	SSA3	0.01618	0.11800	Oversupply
7/5/2020 12:03	0:01	SSA2	0.03279	-0.00200	Oversupply
7/5/2020 12:03	0:01	SSA3	0.01582	0.12100	Oversupply
7/5/2020 12:04	0:01	SSA3	0.01618	0.13200	Oversupply
7/5/2020 12:04	0:01	SSA2	0.03279	-0.00300	Oversupply
7/5/2020 12:04	0:01	SSA3	0.01582	0.43800	Oversupply
7/5/2020 12:04	0:01	SSA2	0.03279	0.18700	Oversupply
7/5/2020 12:05	0:01	SSA3	0.01582	0.81400	Oversupply
7/5/2020 12:05	0:01	SSA2	0.03279	0.42400	Oversupply
7/5/2020 12:06	0:01	SSA3	0.01618	1.08500	Oversupply
7/5/2020 12:06	0:01	SSA2	0.03279	0.67800	Oversupply
7/5/2020 12:07	0:01	SSA3	0.01618	0.68400	Oversupply
7/5/2020 12:07	0:01	SSA2	0.03279	1.47500	Oversupply
7/5/2020 12:07	0:01	SSA3	0.01653	1.58300	Oversupply
7/5/2020 12:08	0:01	SSA2	0.03279	1.50100	Oversupply
7/5/2020 12:08	0:01	SSA3	0.01582	1.30500	Oversupply
7/5/2020 12:09	0:01	SSA2	0.03279	0.94100	Oversupply
7/5/2020 12:09	0:01	SSA3	0.01618	0.95900	Oversupply
7/5/2020 12:10	0:01	SSA3	0.01582	0.21300	Oversupply
7/5/2020 12:10	0:01	SSA2	0.03279	0.05000	Oversupply
7/5/2020 12:10	0:01	SSA3	0.01653	0.13600	Oversupply
7/5/2020 12:11	0:01	SSA2	0.03216	0.33200	Oversupply
7/5/2020 12:11	0:01	SSA3	0.01618	0.52400	Oversupply
7/5/2020 12:11	0:01	SSA2	0.03279	0.65300	Oversupply
7/5/2020 12:12	0:01	SSA3	0.01653	0.27200	Oversupply
7/5/2020 12:12	0:01	SSA2	0.03279	1.22700	Oversupply
7/5/2020 12:13	0:01	SSA3	0.01653	1.09700	Oversupply
7/5/2020 12:13	0:01	SSA2	0.03279	1.64300	Oversupply
7/5/2020 12:13	0:01	SSA3	0.01618	1.64100	Oversupply
7/5/2020 12:17	0:01	SSA2	0.01820	2.50700	Oversupply
7/5/2020 12:18	0:01	KWPll	0.00023	0.01397	Oversupply
7/5/2020 12:19	0:01	SSA3	0.01245	1.82100	Oversupply
7/5/2020 12:19	0:01	SSA2	0.01820	1.98500	Oversupply
7/5/2020 12:20	0:01	SSA3	0.01272	1.50800	Oversupply
7/5/2020 12:20	0:01	SSA2	0.01820	0.16900	Oversupply
7/5/2020 12:20	0:01	SSA3	0.01218	1.38400	Oversupply
7/5/2020 12:21	0:01	SSA2	0.01820	1.23700	Oversupply
7/5/2020 12:21	0:01	SSA3	0.01245	1.25900	Oversupply
7/5/2020 12:22	0:01	SSA2	0.01820	1.69900	Oversupply
7/5/2020 12:22	0:01	SSA3	0.01245	0.15200	Oversupply
7/5/2020 12:24	0:01	SSA2	0.01820	1.68300	Oversupply
7/5/2020 12:24	0:01	SSA3	0.01245	2.06200	Oversupply
7/5/2020 12:24	0:01	SSA3	0.01218	1.69500	Oversupply



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7/5/2020 12:24	0:01	SSA2	0.01820	1.84400	Oversupply
7/5/2020 12:25	0:01	SSA3	0.01245	2.47800	Oversupply
7/5/2020 12:25	0:01	SSA2	0.01820	0.72200	Oversupply
7/5/2020 12:26	0:01	SSA3	0.01245	0.69500	Oversupply
7/5/2020 12:26	0:01	SSA2	0.01750	0.54100	Oversupply
7/5/2020 12:27	0:01	SSA3	0.01218	0.26700	Oversupply
7/5/2020 12:27	0:01	SSA2	0.01820	0.03800	Oversupply
7/5/2020 12:27	0:01	SSA3	0.01245	0.22500	Oversupply
7/5/2020 12:28	0:01	SSA2	0.01820	0.13100	Oversupply
7/5/2020 12:28	0:01	SSA3	0.01245	0.61500	Oversupply
7/5/2020 12:29	0:01	SSA2	0.01885	0.12100	Oversupply
7/5/2020 12:29	0:01	SSA3	0.01461	0.94500	Oversupply
7/5/2020 12:30	0:01	BS250	Data is not available	Data is not available	Oversupply
7/5/2020 12:30	0:01	SSA2	0.03994	0.11000	Oversupply
7/5/2020 12:30	0:01	SSA3	0.03669	0.35800	Oversupply
7/5/2020 12:30	0:01	SSA3	0.03591	0.24700	Oversupply
7/5/2020 12:30	0:01	SSA2	0.03994	0.03300	Oversupply
7/5/2020 12:31	0:02	SSA3	0.07103	0.34400	Oversupply
7/5/2020 12:31	0:01	SSA2	0.03994	0.02500	Oversupply
7/5/2020 12:32	0:01	SSA2	0.03994	0.02300	Oversupply
7/5/2020 12:33	0:01	KWPPII	0.00060	0.68560	Oversupply
7/5/2020 12:33	0:01	SSA3	0.03591	0.03800	Oversupply
7/5/2020 12:33	0:01	SSA2	0.03994	0.20700	Oversupply
7/5/2020 12:33	0:01	SSA3	0.03512	0.10500	Oversupply
7/5/2020 12:34	0:01	SSA2	0.03994	0.74600	Oversupply
7/5/2020 12:34	0:01	SSA3	0.03512	0.13100	Oversupply
7/5/2020 12:35	0:01	SSA2	0.03994	0.72500	Oversupply
7/5/2020 12:35	0:20	SSA3	0.92351	0.02200	Oversupply
7/5/2020 12:36	0:05	BS250	Data is not available	Data is not available	Oversupply
7/5/2020 12:36	0:05	KWPPII	0.05089	1.12470	Oversupply
7/5/2020 12:36	0:04	SSA2	0.19969	0.01900	Oversupply
7/5/2020 12:40	0:01	SSA2	0.03994	-0.00200	Oversupply
7/5/2020 12:41	0:14	SSA2	0.64852	-0.00300	Oversupply
7/5/2020 12:42	0:14	KWPPII	0.18890	1.51290	Oversupply
7/5/2020 12:43	0:12	BS250	Data is not available	Data is not available	Oversupply
7/5/2020 12:44	0:04	AWE	0.04037	15.30000	Oversupply
7/5/2020 12:49	0:03	AWE	0.01479	13.90000	Oversupply
7/5/2020 12:53	0:01	AWE	0.00526	13.20000	Oversupply
7/5/2020 12:55	0:01	SSA2	0.04082	-0.00200	Oversupply
7/5/2020 12:55	0:01	SSA3	0.03564	0.02800	Oversupply
7/5/2020 12:56	0:01	SSA2	0.04082	0.09900	Oversupply
7/5/2020 12:56	0:01	SSA3	0.03413	0.16800	Oversupply
7/5/2020 12:56	0:01	SSA2	0.03925	0.15500	Oversupply
7/5/2020 12:56	0:01	SSA3	0.03488	0.23300	Oversupply
7/5/2020 12:57	0:01	SSA2	0.04082	0.05700	Oversupply
7/5/2020 12:57	0:01	SSA3	0.03488	0.04700	Oversupply
7/5/2020 12:58	0:01	SSA3	0.03564	0.47300	Oversupply
7/5/2020 12:58	0:01	SSA2	0.04082	0.13800	Oversupply
7/5/2020 12:59	0:01	SSA3	0.03355	1.40000	Oversupply
7/5/2020 12:59	0:01	SSA2	0.03736	0.26800	Oversupply
7/5/2020 13:00	0:01	SSA3	0.02113	1.77400	Oversupply
7/5/2020 13:00	0:01	SSA2	0.03134	0.52300	Oversupply
7/5/2020 13:00	0:01	SSA3	0.02159	2.13200	Oversupply
7/5/2020 13:01	0:01	SSA2	0.03134	0.96300	Oversupply
7/5/2020 13:02	0:01	SSA3	0.02067	2.19100	Oversupply
7/5/2020 13:02	0:01	SSA2	0.03134	2.75900	Oversupply
7/5/2020 13:03	0:01	SSA3	0.02159	3.04000	Oversupply
7/5/2020 13:03	0:01	SSA2	0.03134	1.06700	Oversupply
7/5/2020 13:03	0:01	SSA3	0.02113	0.19900	Oversupply
7/5/2020 13:04	0:01	SSA2	0.03134	0.14900	Oversupply
7/5/2020 13:04	0:01	SSA3	0.02113	0.49300	Oversupply
7/5/2020 13:05	0:01	SSA3	0.02067	2.03300	Oversupply
7/5/2020 13:05	0:01	SSA2	0.03134	1.50600	Oversupply
7/5/2020 13:06	0:01	SSA3	0.02113	1.85000	Oversupply
7/5/2020 13:06	0:01	SSA2	0.03134	1.44300	Oversupply
7/5/2020 13:06	0:01	SSA3	0.02113	0.49700	Oversupply
7/5/2020 13:07	0:01	SSA2	0.03134	0.55300	Oversupply
7/5/2020 13:07	0:01	SSA3	0.02159	0.35700	Oversupply
7/5/2020 13:08	0:01	SSA2	0.03134	0.48000	Oversupply
7/5/2020 13:08	0:04	SSA3	0.10611	0.09500	Oversupply
7/5/2020 13:08	0:03	SSA2	0.12477	0.03400	Oversupply
7/5/2020 13:09	0:03	BS250	Data is not available	Data is not available	Oversupply
7/5/2020 13:09	0:04	KWPPII	0.04601	2.98688	Oversupply
7/5/2020 13:12	0:01	SSA3	0.02159	0.04700	Oversupply
7/5/2020 13:12	0:01	SSA2	0.03134	-0.00200	Oversupply





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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/5/2020 13:13	0:01	SSA3	0.02113	0.12300	Oversupply
7/5/2020 13:13	0:01	SSA2	0.03134	-0.00300	Oversupply
7/5/2020 13:13	0:19	SSA3	0.84073	0.08600	Oversupply
7/5/2020 13:14	0:17	BS250	Data is not available	Data is not available	Oversupply
7/5/2020 13:14	0:19	SSA2	0.84634	-0.00300	Oversupply
7/5/2020 13:15	0:01	KWP11	0.00508	2.82421	Oversupply
7/5/2020 13:17	0:03	KWP11	0.01721	3.00085	Oversupply
7/5/2020 13:21	0:12	KWP11	0.25552	2.93199	Oversupply
7/5/2020 13:22	0:02	AWE	0.01978	16.40000	Oversupply
7/5/2020 13:29	0:02	AWE	0.00504	16.70000	Oversupply
7/5/2020 13:32	0:01	BS250	Data is not available	Data is not available	Oversupply
7/5/2020 13:33	0:01	SSA3	0.02441	0.30200	Oversupply
7/5/2020 13:33	0:01	SSA2	0.02730	0.30000	Oversupply
7/5/2020 13:33	0:01	SSA3	0.02389	0.59800	Oversupply
7/5/2020 13:34	0:01	SSA2	0.02730	0.47200	Oversupply
7/5/2020 13:34	0:01	SSA3	0.02338	0.81500	Oversupply
7/5/2020 13:34	0:01	SSA2	0.02730	1.07600	Oversupply
7/5/2020 13:35	0:01	SSA3	0.02441	1.34000	Oversupply
7/5/2020 13:35	0:01	SSA2	0.02730	1.06100	Oversupply
7/5/2020 13:36	0:01	SSA3	0.02389	2.28500	Oversupply
7/5/2020 13:36	0:01	SSA2	0.02730	2.49100	Oversupply
7/5/2020 13:36	0:01	SSA3	0.02389	1.09600	Oversupply
7/5/2020 13:37	0:01	SSA2	0.02730	0.83800	Oversupply
7/5/2020 13:37	0:01	SSA3	0.02441	1.56700	Oversupply
7/5/2020 13:38	0:01	SSA2	0.02730	1.56900	Oversupply
7/5/2020 13:38	0:01	SSA3	0.02389	1.57300	Oversupply
7/5/2020 13:39	0:01	SSA2	0.02730	1.59300	Oversupply
7/5/2020 13:39	0:01	SSA3	0.02389	1.52200	Oversupply
7/5/2020 13:40	0:01	SSA3	0.02389	1.09300	Oversupply
7/5/2020 13:40	0:01	SSA2	0.02730	0.94700	Oversupply
7/5/2020 13:40	0:01	SSA3	0.02389	1.40700	Oversupply
7/5/2020 13:40	0:01	SSA2	0.02730	1.58400	Oversupply
7/5/2020 13:41	0:01	SSA3	0.02337	1.40000	Oversupply
7/5/2020 13:41	0:01	SSA2	0.02625	1.25100	Oversupply
7/5/2020 13:42	0:01	SSA3	0.02389	1.31300	Oversupply
7/5/2020 13:42	0:01	SSA2	0.02730	1.14300	Oversupply
7/5/2020 13:43	0:01	SSA3	0.02441	1.15400	Oversupply
7/5/2020 13:43	0:01	SSA2	0.02730	1.38900	Oversupply
7/5/2020 13:43	0:01	SSA3	0.02441	1.52600	Oversupply
7/5/2020 13:44	0:01	SSA2	0.02251	1.94700	Oversupply
7/5/2020 13:44	0:01	SSA3	0.01441	1.32500	Oversupply
7/5/2020 13:45	0:01	SSA2	0.00921	0.52400	Oversupply
7/5/2020 13:45	0:01	SSA3	0.00687	1.29200	Oversupply
7/5/2020 13:46	0:01	SSA2	0.00921	1.77700	Oversupply
7/5/2020 13:46	0:01	SSA3	0.00672	1.17800	Oversupply
7/5/2020 13:46	0:01	SSA3	0.00687	1.54900	Oversupply
7/5/2020 13:46	0:01	SSA2	0.00921	2.10900	Oversupply
7/5/2020 13:47	0:01	SSA3	0.00672	1.70800	Oversupply
7/5/2020 13:47	0:01	SSA2	0.00921	1.64700	Oversupply
7/5/2020 13:48	0:01	SSA3	0.00672	1.91800	Oversupply
7/5/2020 13:48	0:01	SSA2	0.00921	1.76400	Oversupply
7/5/2020 13:49	0:01	SSA3	0.00657	1.90600	Oversupply
7/5/2020 13:49	0:01	SSA2	0.00886	2.42400	Oversupply
7/5/2020 13:50	0:01	SSA3	0.00672	2.44100	Oversupply
7/5/2020 13:50	0:01	SSA2	0.00921	2.43900	Oversupply
7/5/2020 13:50	0:01	SSA3	0.00658	2.51500	Oversupply
7/5/2020 13:51	0:01	SSA2	0.00921	2.42300	Oversupply
7/5/2020 13:51	0:01	SSA3	0.00657	2.38500	Oversupply
7/5/2020 13:52	0:01	SSA2	0.00886	2.43600	Oversupply
7/5/2020 13:52	0:01	SSA3	0.00672	2.84400	Oversupply
7/5/2020 18:18	0:01	KWP11	0.00005	0.00299	Oversupply
7/6/2020 0:10	0:01	KWP11	0.00749	18.95516	Oversupply
7/6/2020 0:30	0:44	KWP11	4.00018	19.17372	Oversupply
7/6/2020 1:23	0:04	KWP11	0.09257	13.74683	Oversupply
7/6/2020 2:56	0:03	KWP11	0.01319	16.40140	Oversupply
7/6/2020 3:22	0:01	KWP11	0.00538	15.80063	Oversupply
7/6/2020 3:24	0:01	KWP11	0.01270	15.70981	Oversupply
7/6/2020 3:27	0:04	KWP11	0.05041	17.10296	Oversupply
7/6/2020 3:37	0:10	KWP11	0.20202	16.40938	Oversupply
7/6/2020 3:48	0:01	KWP11	0.00266	14.99727	Oversupply
7/6/2020 3:50	0:01	KWP11	0.00115	14.99328	Oversupply
7/6/2020 4:03	0:02	KWP11	0.00975	16.04812	Oversupply
7/6/2020 4:12	0:24	KWP11	1.38701	18.27755	Oversupply
7/6/2020 4:37	0:02	KWP11	0.00524	15.86948	Oversupply
7/6/2020 4:51	0:46	KWP11	3.84717	19.03899	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/6/2020 5:38	0:02	KWPPII	0.01701	18.41327	Oversupply
7/6/2020 6:21	5:38	17-2	2.74780	0.75000	Oversupply
7/6/2020 6:52	0:28	SSA3	0.16208	0.16300	Oversupply
7/6/2020 6:53	0:27	BS250	Data is not available	Data is not available	Oversupply
7/6/2020 6:54	0:26	KWPPII	1.76058	19.20365	Oversupply
7/6/2020 7:35	0:01	SSA3	0.00470	0.76900	Oversupply
7/6/2020 7:36	0:01	SSA3	0.00480	0.36300	Oversupply
7/6/2020 7:37	0:01	SSA3	0.00470	0.70900	Oversupply
7/6/2020 7:37	0:01	SSA3	0.00470	0.79800	Oversupply
7/6/2020 7:38	0:01	SSA3	0.00470	0.19600	Oversupply
7/6/2020 7:39	0:04	BS250	Data is not available	Data is not available	Oversupply
7/6/2020 7:39	1:31	SSA3	1.99964	0.30600	Oversupply
7/6/2020 7:41	1:30	KWPPII	16.76068	19.19966	Oversupply
7/6/2020 7:41	3:41	SSA2	6.04204	0.44100	Oversupply
7/6/2020 7:44	1:26	BS250	Data is not available	Data is not available	Oversupply
7/6/2020 8:29	0:38	AWE	0.30825	21.00000	Oversupply
7/6/2020 9:10	0:01	SSA3	0.02412	0.01500	Oversupply
7/6/2020 9:11	0:01	SSA3	0.02466	0.59700	Oversupply
7/6/2020 9:12	0:28	BS250	Data is not available	Data is not available	Oversupply
7/6/2020 9:12	0:24	SSA3	0.76928	0.65300	Oversupply
7/6/2020 9:13	0:27	KWPPII	1.72013	16.80856	Oversupply
7/6/2020 9:36	0:01	SSA3	0.02370	-0.00100	Oversupply
7/6/2020 9:37	0:02	SSA3	0.07217	0.00300	Oversupply
7/6/2020 9:39	0:01	SSA3	0.02423	0.08300	Oversupply
7/6/2020 9:40	0:01	SSA3	0.02476	0.43500	Oversupply
7/6/2020 9:41	0:01	SSA3	0.02423	0.29400	Oversupply
7/6/2020 9:42	0:01	SSA3	0.02476	0.60100	Oversupply
7/6/2020 9:42	0:01	SSA3	0.02423	0.92600	Oversupply
7/6/2020 9:43	0:01	SSA3	0.02423	1.17200	Oversupply
7/6/2020 9:46	0:01	SSA3	0.01080	2.28900	Oversupply
7/6/2020 9:47	0:01	SSA3	0.01057	2.29400	Oversupply
7/6/2020 9:51	0:01	SSA3	0.01080	2.33800	Oversupply
7/6/2020 9:52	0:01	SSA3	0.01080	0.33500	Oversupply
7/6/2020 9:52	0:01	SSA3	0.01057	0.14000	Oversupply
7/6/2020 9:53	0:01	SSA3	0.01057	1.29000	Oversupply
7/6/2020 9:55	0:01	SSA3	0.01034	2.38800	Oversupply
7/6/2020 9:56	0:02	SSA3	0.02114	0.22900	Oversupply
7/6/2020 9:58	0:01	SSA3	0.01034	1.60300	Oversupply
7/6/2020 9:58	0:01	SSA3	0.01057	1.46800	Oversupply
7/6/2020 9:59	0:01	SSA3	0.00590	1.21300	Oversupply
7/6/2020 10:00	0:01	SSA3	0.00736	1.63800	Oversupply
7/6/2020 10:01	0:01	SSA3	0.00752	1.65500	Oversupply
7/6/2020 10:02	0:01	SSA3	0.00752	1.52800	Oversupply
7/6/2020 10:02	0:01	SSA3	0.00752	1.88400	Oversupply
7/6/2020 10:03	0:01	SSA3	0.00752	1.79300	Oversupply
7/6/2020 10:04	0:01	SSA3	0.00752	1.76300	Oversupply
7/6/2020 10:05	0:01	SSA3	0.00736	1.65200	Oversupply
7/6/2020 10:05	0:01	SSA3	0.00768	2.34700	Oversupply
7/6/2020 10:06	0:01	SSA3	0.00752	1.62500	Oversupply
7/6/2020 10:07	0:01	SSA3	0.00736	1.19600	Oversupply
7/6/2020 10:08	0:01	SSA3	0.00752	2.11300	Oversupply
7/6/2020 10:24	0:01	SSA3	0.00533	2.22600	Oversupply
7/6/2020 10:24	0:01	SSA3	0.00544	2.13600	Oversupply
7/6/2020 10:25	0:01	SSA3	0.00521	1.12300	Oversupply
7/6/2020 10:26	0:01	SSA3	0.00544	0.10700	Oversupply
7/6/2020 10:27	0:01	SSA3	0.00533	0.59000	Oversupply
7/6/2020 10:27	0:01	SSA3	0.00533	0.89400	Oversupply
7/6/2020 10:28	0:01	SSA3	0.00533	0.39000	Oversupply
7/6/2020 10:29	0:01	SSA3	0.01294	0.48700	Oversupply
7/6/2020 10:30	0:01	SSA3	0.02638	0.01900	Oversupply
7/6/2020 10:31	0:01	SSA3	0.02582	0.40400	Oversupply
7/6/2020 10:31	0:01	SSA3	0.02638	0.22300	Oversupply
7/6/2020 10:32	0:02	SSA3	0.05051	0.37100	Oversupply
7/6/2020 10:34	0:01	SSA3	0.02638	0.61600	Oversupply
7/6/2020 10:34	0:01	SSA3	0.02638	0.27300	Oversupply
7/6/2020 10:35	0:01	SSA3	0.02582	0.21900	Oversupply
7/6/2020 10:36	0:01	SSA3	0.02638	0.19000	Oversupply
7/6/2020 10:37	0:01	SSA3	0.02525	0.26500	Oversupply
7/6/2020 10:38	0:01	SSA3	0.02582	0.64000	Oversupply
7/6/2020 10:38	0:01	SSA3	0.02525	0.04600	Oversupply
7/6/2020 10:39	0:26	SSA3	1.17062	0.13900	Oversupply
7/6/2020 10:40	0:43	BS250	Data is not available	Data is not available	Oversupply
7/6/2020 10:41	0:42	KWPPII	3.16514	10.40169	Oversupply
7/6/2020 10:56	0:03	AWE	0.01539	21.00000	Oversupply
7/6/2020 11:05	0:29	SSA3	1.36222	0.07000	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/6/2020 11:22	0:01	SSA2	0.03465	0.05900	Oversupply
7/6/2020 11:23	0:01	SSA2	0.03465	0.11400	Oversupply
7/6/2020 11:24	0:01	SSA2	0.03465	0.38600	Oversupply
7/6/2020 11:25	0:01	SSA2	0.03465	0.48500	Oversupply
7/6/2020 11:26	0:01	SSA2	0.03465	0.30300	Oversupply
7/6/2020 11:27	0:01	SSA2	0.03465	0.05600	Oversupply
7/6/2020 11:28	0:01	SSA2	0.03465	0.31800	Oversupply
7/6/2020 11:28	0:06	SSA2	0.18581	0.03600	Oversupply
7/6/2020 11:29	0:06	BS250	Data is not available	Data is not available	Oversupply
7/6/2020 11:29	0:06	KWP11	0.19797	9.73705	Oversupply
7/6/2020 11:35	0:01	SSA2	0.02250	0.01300	Oversupply
7/6/2020 11:35	0:03	SSA3	0.12570	0.10800	Oversupply
7/6/2020 11:35	0:02	SSA2	0.04680	0.05100	Oversupply
7/6/2020 11:36	0:02	BS250	Data is not available	Data is not available	Oversupply
7/6/2020 11:37	0:01	KWP11	0.00260	7.55053	Oversupply
7/6/2020 11:37	0:01	SSA2	0.02340	0.00000	Oversupply
7/6/2020 11:38	0:02	SSA3	0.09173	0.37800	Oversupply
7/6/2020 11:38	0:01	SSA2	0.02340	0.09400	Oversupply
7/6/2020 11:39	0:01	SSA2	0.02340	0.02000	Oversupply
7/6/2020 11:40	0:01	SSA2	0.02340	0.10700	Oversupply
7/6/2020 11:40	0:02	SSA3	0.09444	1.12900	Oversupply
7/6/2020 11:41	0:01	SSA2	0.02340	0.13000	Oversupply
7/6/2020 11:41	0:01	SSA2	0.02295	0.12800	Oversupply
7/6/2020 11:42	0:01	SSA2	0.02340	0.40800	Oversupply
7/6/2020 11:42	0:01	SSA3	0.03125	0.34600	Oversupply
7/6/2020 11:43	0:02	SSA3	0.06266	1.16500	Oversupply
7/6/2020 11:43	0:01	SSA2	0.02340	0.43500	Oversupply
7/6/2020 11:44	0:01	SSA2	0.02112	0.43600	Oversupply
7/6/2020 11:45	0:02	SSA3	0.04616	0.72000	Oversupply
7/6/2020 11:45	0:01	SSA2	0.01449	0.22000	Oversupply
7/6/2020 11:46	0:01	SSA2	0.01449	0.58700	Oversupply
7/6/2020 11:46	0:01	SSA3	0.02282	0.93400	Oversupply
7/6/2020 11:47	0:01	SSA2	0.01449	0.69600	Oversupply
7/6/2020 11:47	0:05	SSA3	0.16383	0.88100	Oversupply
7/6/2020 11:47	0:01	SSA2	0.01449	0.02600	Oversupply
7/6/2020 11:48	0:01	BS250	Data is not available	Data is not available	Oversupply
7/6/2020 11:48	0:01	SSA2	0.01449	0.03500	Oversupply
7/6/2020 11:49	0:03	SSA2	0.05796	0.02400	Oversupply
7/6/2020 11:50	0:02	BS250	Data is not available	Data is not available	Oversupply
7/6/2020 11:50	0:03	KWP11	0.01552	7.75311	Oversupply
7/6/2020 11:52	0:02	SSA3	0.04616	0.70500	Oversupply
7/6/2020 11:53	0:01	SSA2	0.01449	0.38700	Oversupply
7/6/2020 11:54	0:01	SSA2	0.01449	0.66700	Oversupply
7/6/2020 11:54	0:01	SSA3	0.02282	1.08100	Oversupply
7/6/2020 11:54	0:01	SSA2	0.01449	0.79500	Oversupply
7/6/2020 11:55	0:01	SSA3	0.02333	1.04500	Oversupply
7/6/2020 11:55	0:01	SSA2	0.01449	0.98200	Oversupply
7/6/2020 11:55	0:01	SSA3	0.02384	2.24500	Oversupply
7/6/2020 11:56	0:01	SSA3	0.02333	1.48500	Oversupply
7/6/2020 11:56	0:01	SSA2	0.01449	0.91700	Oversupply
7/6/2020 11:57	0:01	SSA3	0.02384	2.34600	Oversupply
7/6/2020 11:57	0:01	SSA2	0.01393	0.91700	Oversupply
7/6/2020 12:04	0:01	SSA2	0.00016	1.69700	Oversupply
7/6/2020 12:05	0:01	17-2	0.00067	0.75000	Oversupply
7/6/2020 13:55	0:11	17-2	0.09754	0.75000	Oversupply
7/6/2020 13:55	0:01	SSA2	0.00662	2.40400	Oversupply
7/6/2020 13:56	0:01	SSA2	0.00649	1.91000	Oversupply
7/6/2020 13:57	0:01	SSA2	0.00662	2.02700	Oversupply
7/6/2020 13:58	0:01	SSA2	0.00662	0.79500	Oversupply
7/6/2020 13:58	0:01	SSA3	0.00102	0.84400	Oversupply
7/6/2020 13:59	0:01	SSA2	0.00725	0.43200	Oversupply
7/6/2020 13:59	0:01	SSA3	0.00266	0.03200	Oversupply
7/6/2020 14:00	0:01	SSA2	0.00962	0.07800	Oversupply
7/6/2020 14:00	0:02	SSA3	0.00836	0.17100	Oversupply
7/6/2020 14:01	0:01	SSA2	0.00962	1.10100	Oversupply
7/6/2020 14:01	0:01	SSA2	0.00962	1.98700	Oversupply
7/6/2020 14:02	0:02	SSA3	0.00579	0.32200	Oversupply
7/6/2020 14:02	0:01	SSA2	0.00943	0.09600	Oversupply
7/6/2020 14:03	0:01	SSA2	0.00962	0.75900	Oversupply
7/6/2020 14:04	0:01	SSA3	0.00275	0.57800	Oversupply
7/6/2020 14:04	0:01	SSA2	0.00962	1.80200	Oversupply
7/6/2020 14:05	0:01	SSA3	0.00269	0.58200	Oversupply
7/6/2020 14:08	0:01	17-2	0.00046	0.36500	Oversupply
7/6/2020 14:14	0:01	17-2	0.00061	0.33800	Oversupply
7/6/2020 14:16	0:01	17-2	0.00021	0.75000	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/6/2020 15:05	0:01	SSA2	0.00654	2.89100	Oversupply
7/6/2020 15:05	0:01	SSA2	0.00654	2.32900	Oversupply
7/6/2020 15:06	0:02	17-2	0.00055	0.26900	Oversupply
7/6/2020 21:38	0:16	KWP	1.12023	9.81389	Oversupply
7/6/2020 21:55	0:27	KWP	0.95090	14.72683	Oversupply
7/6/2020 22:23	0:14	KWP	0.98878	9.82188	Oversupply
7/6/2020 22:30	0:01	AWE	0.01159	19.40000	Oversupply
7/6/2020 22:38	0:02	KWP	0.00877	13.45543	Oversupply
7/6/2020 22:43	0:26	KWP	1.21011	17.04009	Oversupply
7/6/2020 23:11	0:01	KWP	0.00855	17.49515	Oversupply
7/6/2020 23:18	0:01	KWP	0.00082	18.02607	Oversupply
7/6/2020 23:21	1:44	KWP	11.58980	18.93720	Oversupply
7/7/2020 0:52	0:07	AWE	0.05875	20.80000	Oversupply
7/7/2020 1:06	0:13	KWP	1.05567	14.78870	Oversupply
7/7/2020 1:54	0:06	KWP	0.05789	15.41941	Oversupply
7/7/2020 2:08	0:13	KWP	0.32785	15.34855	Oversupply
7/7/2020 3:54	0:28	KWP	1.21977	8.45568	Oversupply
7/7/2020 4:24	0:11	KWP	0.19200	10.41865	Oversupply
7/7/2020 4:41	0:36	KWP	3.00137	12.03434	Oversupply
7/7/2020 6:21	0:03	SSA3	0.00286	0.05400	Oversupply
7/7/2020 6:21	0:03	SSA2	0.00103	0.05200	Oversupply
7/7/2020 6:22	0:03	KWP	0.02309	10.31187	Oversupply
7/7/2020 6:35	0:01	SSA3	0.00169	0.10300	Oversupply
7/7/2020 6:36	3:11	SSA3	3.75702	0.10700	Oversupply
7/7/2020 6:36	5:02	SSA2	4.10003	0.07300	Oversupply
7/7/2020 6:37	3:11	KWP	34.47232	19.09188	Oversupply
7/7/2020 9:05	0:02	AWE	0.00482	21.00000	Oversupply
7/7/2020 9:07	8:05	17-2	4.69404	0.75000	Oversupply
7/7/2020 9:08	0:03	AWE	0.00439	21.00000	Oversupply
7/7/2020 9:13	0:01	AWE	0.00107	21.00000	Oversupply
7/7/2020 9:15	0:04	AWE	0.00680	21.00000	Oversupply
7/7/2020 9:20	0:01	AWE	0.00707	21.00000	Oversupply
7/7/2020 9:22	0:02	AWE	0.00132	21.00000	Oversupply
7/7/2020 9:25	0:02	AWE	0.00382	21.00000	Oversupply
7/7/2020 9:29	0:06	AWE	0.06940	21.00000	Oversupply
7/7/2020 9:37	0:02	AWE	0.02177	15.10000	Oversupply
7/7/2020 9:40	0:03	AWE	0.01797	15.60000	Oversupply
7/7/2020 9:47	0:01	SSA3	0.02906	0.02600	Oversupply
7/7/2020 9:48	1:50	SSA3	4.80267	0.17100	Oversupply
7/7/2020 9:49	1:50	KWP	28.57467	17.66481	Oversupply
7/7/2020 10:00	0:01	AWE	0.00833	15.50000	Oversupply
7/7/2020 10:14	1:21	AWE	5.95659	21.00000	Oversupply
7/7/2020 11:38	0:01	SSA3	0.03360	0.00300	Oversupply
7/7/2020 11:39	0:01	SSA3	0.03289	0.59500	Oversupply
7/7/2020 11:40	5:23	SSA2	10.87268	0.28600	Oversupply
7/7/2020 11:40	4:56	SSA3	11.90060	2.23100	Oversupply
7/7/2020 11:41	4:55	KWP	78.03765	16.21677	Oversupply
7/7/2020 11:50	4:34	AWE	59.42503	21.00000	Oversupply
7/7/2020 12:21	0:04	5A	Data is not available	Data is not available	Oversupply
7/7/2020 12:21	0:04	SAG	Data is not available	Data is not available	Oversupply
7/7/2020 12:24	0:01	KWP	0.00176	26.98022	Oversupply
7/7/2020 12:26	0:04	5A	Data is not available	Data is not available	Oversupply
7/7/2020 12:26	0:04	SAG	Data is not available	Data is not available	Oversupply
7/7/2020 12:28	0:01	KWP	0.00264	25.23956	Oversupply
7/7/2020 12:32	0:04	5A	Data is not available	Data is not available	Oversupply
7/7/2020 12:32	0:04	SAG	Data is not available	Data is not available	Oversupply
7/7/2020 12:34	0:01	KWP	0.00264	25.92527	Oversupply
7/7/2020 12:36	0:01	KWP	0.00088	24.39561	Oversupply
7/7/2020 12:37	0:06	5A	Data is not available	Data is not available	Oversupply
7/7/2020 12:37	0:06	SAG	Data is not available	Data is not available	Oversupply
7/7/2020 12:44	0:03	5A	Data is not available	Data is not available	Oversupply
7/7/2020 12:44	0:03	SAG	Data is not available	Data is not available	Oversupply
7/7/2020 12:45	0:01	KWP	0.00176	22.97143	Oversupply
7/7/2020 12:49	0:03	5A	Data is not available	Data is not available	Oversupply
7/7/2020 12:49	0:03	SAG	Data is not available	Data is not available	Oversupply
7/7/2020 12:50	0:02	KWP	0.00264	23.18242	Oversupply
7/7/2020 12:53	0:08	5A	Data is not available	Data is not available	Oversupply
7/7/2020 12:53	0:08	SAG	Data is not available	Data is not available	Oversupply
7/7/2020 12:57	0:01	KWP	0.00088	22.60220	Oversupply
7/7/2020 13:01	0:01	KWP	0.00176	21.96923	Oversupply
7/7/2020 13:03	0:01	5A	Data is not available	Data is not available	Oversupply
7/7/2020 13:03	0:01	SAG	Data is not available	Data is not available	Oversupply
7/7/2020 13:05	0:12	5A	Data is not available	Data is not available	Oversupply
7/7/2020 13:05	0:12	SAG	Data is not available	Data is not available	Oversupply
7/7/2020 13:16	0:02	KWP	0.00440	18.27692	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/7/2020 13:18	0:01	5A	Data is not available	Data is not available	Oversupply
7/7/2020 13:18	0:01	SAG	Data is not available	Data is not available	Oversupply
7/7/2020 13:22	0:06	5A	Data is not available	Data is not available	Oversupply
7/7/2020 13:22	0:06	SAG	Data is not available	Data is not available	Oversupply
7/7/2020 13:24	0:01	KWP	0.00088	20.43956	Oversupply
7/7/2020 13:29	0:01	KWP	0.00088	18.38242	Oversupply
7/7/2020 13:31	0:05	5A	Data is not available	Data is not available	Oversupply
7/7/2020 13:31	0:05	SAG	Data is not available	Data is not available	Oversupply
7/7/2020 13:37	0:09	5A	Data is not available	Data is not available	Oversupply
7/7/2020 13:37	0:09	SAG	Data is not available	Data is not available	Oversupply
7/7/2020 13:38	0:01	KWP	0.00088	20.01758	Oversupply
7/7/2020 13:49	0:12	5A	Data is not available	Data is not available	Oversupply
7/7/2020 13:49	0:12	SAG	Data is not available	Data is not available	Oversupply
7/7/2020 16:36	0:01	SSA3	0.01804	0.23600	Oversupply
7/7/2020 16:37	0:27	KWP	1.99817	16.21677	Oversupply
7/7/2020 16:37	0:27	SSA3	0.54336	-0.00300	Oversupply
7/7/2020 17:04	0:01	SSA3	0.00768	0.06000	Oversupply
7/7/2020 17:04	0:01	SSA2	0.01503	0.03200	Oversupply
7/7/2020 17:04	0:01	SSA3	0.00768	0.29500	Oversupply
7/7/2020 17:04	0:01	SSA2	0.01503	0.10500	Oversupply
7/7/2020 17:05	0:01	SSA3	0.00736	0.35800	Oversupply
7/7/2020 17:05	0:01	SSA2	0.01445	0.13800	Oversupply
7/7/2020 17:06	0:01	SSA3	0.00736	0.63200	Oversupply
7/7/2020 17:06	0:01	SSA2	0.01503	0.14600	Oversupply
7/7/2020 17:07	0:01	SSA3	0.00736	0.58900	Oversupply
7/7/2020 17:07	0:01	SSA2	0.01503	0.29200	Oversupply
7/7/2020 17:07	0:01	SSA3	0.00736	0.80700	Oversupply
7/7/2020 17:08	0:01	SSA2	0.01503	0.73500	Oversupply
7/7/2020 17:10	0:01	SSA2	0.01474	1.05800	Oversupply
7/7/2020 17:10	0:01	SSA3	0.00736	1.06100	Oversupply
7/7/2020 17:10	0:01	SSA2	0.01503	0.79800	Oversupply
7/7/2020 17:11	0:01	SSA3	0.00736	1.05400	Oversupply
7/7/2020 22:42	0:02	KWP	0.00696	17.71371	Oversupply
7/7/2020 22:52	0:30	KWP	1.86972	17.71371	Oversupply
7/7/2020 23:31	0:49	KWP	9.50967	17.71371	Oversupply
7/8/2020 0:03	0:01	AWE	0.00241	21.00000	Oversupply
7/8/2020 0:05	0:09	AWE	0.16803	21.00000	Oversupply
7/8/2020 0:22	2:04	KWP	18.78966	16.21677	Oversupply
7/8/2020 2:06	0:01	AWE	0.00016	19.30000	Oversupply
7/8/2020 2:08	0:01	AWE	0.00013	18.50000	Oversupply
7/8/2020 2:10	0:04	AWE	0.02039	20.60000	Oversupply
7/8/2020 2:15	0:05	AWE	0.04803	19.90000	Oversupply
7/8/2020 2:27	0:37	KWP	8.27291	16.21677	Oversupply
7/8/2020 2:31	0:02	AWE	0.00714	17.90000	Oversupply
7/8/2020 2:51	0:01	AWE	0.00415	16.40000	Oversupply
7/8/2020 2:53	0:02	AWE	0.04035	17.70000	Oversupply
7/8/2020 2:56	0:04	AWE	0.02036	18.10000	Oversupply
7/8/2020 3:06	1:32	KWP	14.60339	16.21677	Oversupply
7/8/2020 3:48	0:03	AWE	0.05313	18.50000	Oversupply
7/8/2020 4:01	0:01	AWE	0.00054	15.80000	Oversupply
7/8/2020 4:39	0:03	KWP	0.00566	16.14791	Oversupply
7/8/2020 4:43	0:02	KWP	0.00352	16.16288	Oversupply
7/8/2020 6:32	0:03	SSA2	0.00178	0.04000	Oversupply
7/8/2020 6:32	0:02	SSA3	0.00348	0.08800	Oversupply
7/8/2020 6:33	0:03	17-2	0.00110	0.02400	Oversupply
7/8/2020 6:34	0:02	KWP	0.00734	16.19881	Oversupply
7/8/2020 6:34	0:01	SSA3	0.00132	0.09600	Oversupply
7/8/2020 6:42	0:01	SSA2	0.00060	0.07800	Oversupply
7/8/2020 6:42	0:01	SSA3	0.00114	0.14400	Oversupply
7/8/2020 6:42	0:02	SSA2	0.00119	0.05000	Oversupply
7/8/2020 6:43	8:16	17-2	2.88827	0.75000	Oversupply
7/8/2020 6:43	0:01	SSA3	0.00114	0.00500	Oversupply
7/8/2020 6:44	0:01	KWP	0.00380	16.21478	Oversupply
7/8/2020 6:44	0:02	SSA3	0.00485	0.15900	Oversupply
7/8/2020 6:45	0:03	SSA2	0.00380	0.02700	Oversupply
7/8/2020 6:46	4:53	SSA3	8.36316	0.11700	Oversupply
7/8/2020 6:49	4:51	SSA2	6.98813	0.01300	Oversupply
7/8/2020 6:50	4:50	KWP	64.62644	16.21677	Oversupply
7/8/2020 8:34	0:01	AWE	0.00189	19.80000	Oversupply
7/8/2020 8:49	0:01	AWE	0.00507	20.00000	Oversupply
7/8/2020 8:51	0:15	AWE	0.48422	18.40000	Oversupply
7/8/2020 9:07	2:29	AWE	21.21093	21.00000	Oversupply
7/8/2020 11:39	0:01	SSA3	0.01847	0.37900	Oversupply
7/8/2020 11:39	0:01	SSA2	0.03776	0.88300	Oversupply
7/8/2020 11:40	0:01	SSA3	0.01847	0.91400	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/8/2020 11:41	0:01	SSA3	0.01927	1.38100	Oversupply
7/8/2020 11:41	1:30	SSA2	3.75888	1.17900	Oversupply
7/8/2020 11:41	1:25	SSA3	1.61691	0.07600	Oversupply
7/8/2020 11:42	1:25	KWPPII	10.50816	16.21378	Oversupply
7/8/2020 13:06	0:01	SSA3	0.03413	0.00500	Oversupply
7/8/2020 13:07	0:04	SSA3	0.17669	0.03100	Oversupply
7/8/2020 13:08	0:04	KWPPII	0.05933	16.18484	Oversupply
7/8/2020 13:11	0:01	SSA3	0.03412	0.07900	Oversupply
7/8/2020 13:11	0:01	SSA2	0.04117	0.00400	Oversupply
7/8/2020 13:12	0:01	SSA3	0.03488	0.77100	Oversupply
7/8/2020 13:12	0:01	SSA2	0.04117	0.13800	Oversupply
7/8/2020 13:12	0:01	SSA3	0.03488	1.24900	Oversupply
7/8/2020 13:13	0:01	SSA2	0.04117	0.12400	Oversupply
7/8/2020 13:13	0:01	SSA3	0.03412	0.76400	Oversupply
7/8/2020 13:14	0:35	SSA2	1.65485	0.10100	Oversupply
7/8/2020 13:14	0:35	SSA3	1.33824	0.34100	Oversupply
7/8/2020 13:16	0:34	KWPPII	2.00153	16.20879	Oversupply
7/8/2020 13:48	0:01	SSA2	0.04134	0.04300	Oversupply
7/8/2020 13:49	0:01	SSA3	0.03042	0.00100	Oversupply
7/8/2020 13:49	0:01	SSA2	0.04134	0.07200	Oversupply
7/8/2020 13:49	0:01	SSA3	0.03177	0.24100	Oversupply
7/8/2020 13:50	0:59	SSA3	2.35649	0.97600	Oversupply
7/8/2020 13:50	1:00	SSA2	2.53708	0.02100	Oversupply
7/8/2020 13:51	0:58	KWPPII	7.19822	17.71071	Oversupply
7/8/2020 14:49	0:01	SSA3	0.00809	0.10700	Oversupply
7/8/2020 14:50	0:01	SSA2	0.01391	0.04400	Oversupply
7/8/2020 14:50	0:01	SSA3	0.00827	0.31300	Oversupply
7/8/2020 14:51	0:01	SSA2	0.01391	0.22900	Oversupply
7/8/2020 14:51	0:01	SSA3	0.00827	0.61300	Oversupply
7/8/2020 14:52	0:01	SSA2	0.01391	0.62900	Oversupply
7/8/2020 14:52	0:01	SSA3	0.00827	0.89400	Oversupply
7/8/2020 14:52	0:01	SSA3	0.00827	0.05500	Oversupply
7/8/2020 14:52	0:01	SSA2	0.01391	0.42200	Oversupply
7/8/2020 14:53	0:01	SSA3	0.00844	0.06700	Oversupply
7/8/2020 14:53	0:01	SSA2	0.01391	0.01400	Oversupply
7/8/2020 14:54	0:01	SSA3	0.00792	0.04600	Oversupply
7/8/2020 14:54	0:01	SSA2	0.01391	0.05500	Oversupply
7/8/2020 14:55	0:02	SSA3	0.01619	0.11200	Oversupply
7/8/2020 14:55	0:02	SSA2	0.02782	0.09300	Oversupply
7/8/2020 14:56	0:01	KWPPII	0.01285	16.85646	Oversupply
7/8/2020 14:56	0:01	SSA3	0.00809	0.01900	Oversupply
7/8/2020 14:57	0:01	SSA2	0.01391	0.33500	Oversupply
7/8/2020 14:57	0:01	SSA3	0.00809	0.20600	Oversupply
7/8/2020 14:58	0:01	SSA2	0.01391	0.29800	Oversupply
7/8/2020 15:02	0:01	17-2	0.00415	0.75000	Oversupply
7/8/2020 15:02	0:01	SSA2	0.00877	0.72900	Oversupply
7/8/2020 15:02	0:01	SSA3	0.01078	0.89600	Oversupply
7/8/2020 15:03	1:40	SSA2	1.70925	0.05200	Oversupply
7/8/2020 15:03	1:38	SSA3	1.96696	0.05800	Oversupply
7/8/2020 15:04	1:40	KWPPII	14.32716	17.71371	Oversupply
7/8/2020 15:04	1:42	17-2	0.65475	0.75000	Oversupply
7/8/2020 16:41	0:01	SSA3	0.01113	0.00100	Oversupply
7/8/2020 16:42	0:02	SSA3	0.02132	0.00200	Oversupply
7/8/2020 16:43	0:01	SSA2	0.00775	0.03400	Oversupply
7/8/2020 16:44	0:01	SSA3	0.01090	0.13100	Oversupply
7/8/2020 16:44	0:01	SSA2	0.00697	0.21100	Oversupply
7/8/2020 16:48	0:01	SSA2	0.01405	0.62200	Oversupply
7/8/2020 16:48	0:01	SSA3	0.00614	0.55800	Oversupply
7/8/2020 16:48	0:24	SSA3	0.15648	0.06600	Oversupply
7/8/2020 16:48	0:13	SSA2	0.20521	0.02000	Oversupply
7/8/2020 16:49	0:17	KWPPII	0.42900	17.71371	Oversupply
7/8/2020 16:49	0:25	17-2	0.05399	0.22200	Oversupply
7/8/2020 17:01	0:01	SSA2	0.01193	0.00100	Oversupply
7/8/2020 17:02	0:09	SSA2	0.13333	0.00400	Oversupply
7/8/2020 17:07	0:06	KWPPII	0.08046	17.71371	Oversupply
7/8/2020 17:12	0:01	SSA2	0.01216	0.00200	Oversupply
7/8/2020 17:13	0:01	SSA2	0.01216	0.18800	Oversupply
7/8/2020 17:13	0:01	SSA3	0.00412	0.40600	Oversupply
7/8/2020 17:15	0:01	SSA2	0.00387	1.72700	Oversupply
7/8/2020 17:15	0:01	SSA3	0.00099	0.88900	Oversupply
7/8/2020 17:16	0:02	17-2	0.00787	0.29200	Oversupply
7/8/2020 17:16	0:01	SSA2	0.00387	0.09800	Oversupply
7/8/2020 17:17	0:01	SSA2	0.00387	0.50100	Oversupply
7/8/2020 21:10	0:18	KWPPII	0.59307	17.71371	Oversupply
7/8/2020 22:25	2:04	KWPPII	14.46902	17.67878	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/9/2020 0:39	0:12	KWP11	0.28426	16.52015	Oversupply
7/9/2020 0:59	0:20	KWP11	0.66576	15.95032	Oversupply
7/9/2020 1:20	0:28	KWP11	0.90280	16.26368	Oversupply
7/9/2020 1:55	0:02	KWP11	0.02902	17.33748	Oversupply
7/9/2020 2:01	0:07	KWP11	0.25832	16.87243	Oversupply
7/9/2020 2:09	0:02	KWP11	0.01062	15.44735	Oversupply
7/9/2020 2:14	0:08	KWP11	0.30399	15.71780	Oversupply
7/9/2020 2:29	0:02	KWP11	0.02636	12.03434	Oversupply
7/9/2020 2:34	0:02	KWP11	0.02009	13.30474	Oversupply
7/9/2020 2:40	0:02	KWP11	0.00740	14.37455	Oversupply
7/9/2020 2:46	1:30	KWP11	9.74646	17.69375	Oversupply
7/9/2020 7:31	0:01	17-2	0.00294	0.30500	Oversupply
7/9/2020 7:40	0:01	SSA3	0.00267	0.78200	Oversupply
7/9/2020 7:41	0:29	17-2	0.07065	0.41600	Oversupply
7/9/2020 7:41	0:24	SSA3	0.29479	0.07300	Oversupply
7/9/2020 7:41	0:23	SSA2	0.23315	0.33600	Oversupply
7/9/2020 7:42	0:23	KWP11	1.48608	17.66381	Oversupply
7/9/2020 8:04	0:01	SSA3	0.00818	0.06400	Oversupply
7/9/2020 8:04	0:01	SSA2	0.00754	0.00300	Oversupply
7/9/2020 8:05	0:01	SSA3	0.00818	0.05200	Oversupply
7/9/2020 8:05	0:01	SSA2	0.00754	0.11200	Oversupply
7/9/2020 8:06	0:01	SSA3	0.00836	0.13800	Oversupply
7/9/2020 8:06	0:01	SSA2	0.00754	0.25000	Oversupply
7/9/2020 8:07	0:01	SSA3	0.00836	0.47800	Oversupply
7/9/2020 8:07	0:01	SSA2	0.00754	0.36400	Oversupply
7/9/2020 8:07	0:01	SSA3	0.00836	0.32900	Oversupply
7/9/2020 8:08	0:01	SSA2	0.00754	0.48600	Oversupply
7/9/2020 8:12	0:01	SSA2	0.00754	0.47700	Oversupply
7/9/2020 8:13	0:01	17-2	0.00012	0.15800	Oversupply
7/9/2020 8:32	0:01	SSA2	0.00317	0.30600	Oversupply
7/9/2020 8:33	0:08	17-2	0.03191	0.59400	Oversupply
7/9/2020 8:33	0:01	SSA2	0.00311	0.36500	Oversupply
7/9/2020 8:34	0:01	SSA3	0.01170	0.20100	Oversupply
7/9/2020 8:34	0:01	SSA2	0.00299	0.39000	Oversupply
7/9/2020 8:34	0:02	SSA3	0.02316	0.97500	Oversupply
7/9/2020 8:35	0:04	KWP11	0.03881	17.67578	Oversupply
7/9/2020 8:35	0:03	SSA2	0.01243	0.01600	Oversupply
7/9/2020 8:36	0:01	SSA3	0.01145	0.02000	Oversupply
7/9/2020 8:37	0:01	SSA3	0.01145	0.00200	Oversupply
7/9/2020 8:37	0:01	SSA3	0.01145	-0.00100	Oversupply
7/9/2020 8:38	0:01	SSA2	0.00311	0.08100	Oversupply
7/9/2020 8:38	0:01	SSA3	0.01120	0.09900	Oversupply
7/9/2020 8:39	0:01	SSA3	0.01145	0.10600	Oversupply
7/9/2020 8:39	0:01	SSA2	0.00311	0.12700	Oversupply
7/9/2020 8:40	0:01	SSA3	0.01145	0.11100	Oversupply
7/9/2020 8:40	0:01	SSA2	0.00305	0.09400	Oversupply
7/9/2020 8:40	0:01	SSA3	0.01120	0.12200	Oversupply
7/9/2020 8:41	0:01	SSA3	0.01145	0.13100	Oversupply
7/9/2020 8:42	0:14	17-2	0.05946	0.59200	Oversupply
7/9/2020 8:42	0:01	SSA2	0.00311	0.13900	Oversupply
7/9/2020 8:42	0:01	SSA3	0.01145	0.36100	Oversupply
7/9/2020 8:42	0:01	SSA2	0.00311	0.09200	Oversupply
7/9/2020 8:43	0:01	SSA3	0.01145	0.55600	Oversupply
7/9/2020 8:43	0:03	SSA2	0.01129	0.10100	Oversupply
7/9/2020 8:43	0:02	SSA3	0.03481	0.20200	Oversupply
7/9/2020 8:44	0:03	KWP11	0.02907	17.28159	Oversupply
7/9/2020 8:46	0:01	SSA3	0.01247	0.09600	Oversupply
7/9/2020 8:46	0:01	SSA2	0.00603	0.01100	Oversupply
7/9/2020 8:47	0:03	SSA3	0.05044	0.21200	Oversupply
7/9/2020 8:47	0:03	SSA2	0.02402	0.03200	Oversupply
7/9/2020 8:48	0:03	KWP11	0.04922	16.90736	Oversupply
7/9/2020 8:50	0:01	SSA3	0.01303	0.00700	Oversupply
7/9/2020 8:50	0:01	SSA2	0.00603	0.11700	Oversupply
7/9/2020 8:50	0:01	SSA3	0.01247	0.05800	Oversupply
7/9/2020 8:51	0:01	SSA2	0.00603	0.13600	Oversupply
7/9/2020 8:51	0:01	SSA3	0.01247	0.05900	Oversupply
7/9/2020 8:52	0:01	SSA3	0.01303	0.13200	Oversupply
7/9/2020 8:52	0:01	SSA2	0.00603	0.32200	Oversupply
7/9/2020 8:53	0:01	SSA3	0.01303	0.14600	Oversupply
7/9/2020 8:55	0:01	SSA2	0.00603	0.47200	Oversupply
7/9/2020 8:56	0:01	SSA2	0.00603	1.43600	Oversupply
7/9/2020 8:57	0:01	17-2	0.00521	0.48600	Oversupply
7/9/2020 9:20	0:02	17-2	0.00207	0.19300	Oversupply
7/9/2020 9:20	0:01	SSA2	0.00972	1.87800	Oversupply
7/9/2020 9:20	0:01	SSA3	0.01001	2.03700	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/9/2020 9:21	0:01	SSA2	0.00972	1.88500	Oversupply
7/9/2020 9:21	0:01	SSA2	0.00972	0.12100	Oversupply
7/9/2020 9:22	0:01	SSA3	0.01023	0.14500	Oversupply
7/9/2020 9:23	0:08	17-2	0.02130	0.25900	Oversupply
7/9/2020 9:23	0:01	SSA2	0.00972	0.71900	Oversupply
7/9/2020 9:23	0:01	SSA3	0.00979	1.48100	Oversupply
7/9/2020 9:24	0:01	SSA2	0.00972	0.42400	Oversupply
7/9/2020 9:24	0:01	SSA3	0.01001	0.14200	Oversupply
7/9/2020 9:25	0:01	SSA3	0.01001	0.16500	Oversupply
7/9/2020 9:25	0:01	SSA2	0.00953	0.12500	Oversupply
7/9/2020 9:26	0:01	SSA3	0.00979	0.84600	Oversupply
7/9/2020 9:26	0:01	SSA2	0.00972	1.12600	Oversupply
7/9/2020 9:26	0:01	SSA3	0.01001	0.73200	Oversupply
7/9/2020 9:27	0:01	SSA2	0.00972	1.71400	Oversupply
7/9/2020 9:27	0:01	SSA3	0.01001	0.18800	Oversupply
7/9/2020 9:27	0:01	SSA2	0.00972	0.03300	Oversupply
7/9/2020 9:28	0:01	SSA3	0.00979	0.16100	Oversupply
7/9/2020 9:28	0:01	SSA2	0.00972	0.55500	Oversupply
7/9/2020 9:29	0:01	SSA3	0.01001	0.82300	Oversupply
7/9/2020 9:31	0:01	SSA2	0.00100	2.28000	Oversupply
7/9/2020 9:31	0:01	SSA3	0.00217	2.11100	Oversupply
7/9/2020 9:32	0:07	17-2	0.04477	0.75000	Oversupply
7/9/2020 9:32	0:01	SSA3	0.00217	2.11900	Oversupply
7/9/2020 9:33	0:01	SSA2	0.00100	1.94800	Oversupply
7/9/2020 9:33	0:01	SSA3	0.00227	2.13200	Oversupply
7/9/2020 9:36	0:01	SSA3	0.00222	2.14700	Oversupply
7/9/2020 9:36	0:01	SSA2	0.00100	0.68600	Oversupply
7/9/2020 9:36	0:01	SSA3	0.00227	2.15700	Oversupply
7/9/2020 9:55	0:01	SSA3	0.00063	2.34400	Oversupply
7/9/2020 9:56	0:01	SSA3	0.00065	2.35300	Oversupply
7/9/2020 9:57	0:04	17-2	0.02242	0.51300	Oversupply
7/9/2020 9:58	0:01	SSA2	0.00008	0.86400	Oversupply
7/9/2020 9:58	0:01	SSA3	0.00063	2.35400	Oversupply
7/9/2020 9:59	0:01	SSA2	0.00008	0.83100	Oversupply
7/9/2020 9:59	0:01	SSA3	-0.00036	1.32600	Oversupply
7/9/2020 10:14	0:01	SSA2	0.00031	1.01300	Oversupply
7/9/2020 10:14	0:01	SSA3	0.00644	2.49700	Oversupply
7/9/2020 10:15	0:06	17-2	0.03273	0.56000	Oversupply
7/9/2020 10:15	0:01	SSA2	0.00337	0.17200	Oversupply
7/9/2020 10:15	0:01	SSA3	0.00852	2.23400	Oversupply
7/9/2020 10:16	0:01	SSA2	0.00337	0.32100	Oversupply
7/9/2020 10:16	0:01	SSA3	0.00871	0.01600	Oversupply
7/9/2020 10:17	0:01	SSA3	0.00852	0.52300	Oversupply
7/9/2020 10:17	0:01	SSA2	0.00337	0.23000	Oversupply
7/9/2020 10:17	0:01	SSA3	0.00852	0.64000	Oversupply
7/9/2020 10:18	0:01	SSA2	0.00337	0.40300	Oversupply
7/9/2020 10:18	0:01	SSA3	0.00871	1.30400	Oversupply
7/9/2020 10:19	0:01	SSA3	0.00890	1.87400	Oversupply
7/9/2020 10:19	0:01	SSA2	0.00337	0.28200	Oversupply
7/9/2020 10:21	0:01	SSA3	0.00852	2.54100	Oversupply
7/9/2020 10:22	0:02	17-2	0.02057	0.75000	Oversupply
7/9/2020 10:22	0:01	SSA2	0.00337	0.82600	Oversupply
7/9/2020 10:22	0:01	SSA3	0.00871	2.55500	Oversupply
7/9/2020 10:23	0:01	SSA3	0.00852	0.64300	Oversupply
7/9/2020 10:23	0:01	SSA2	0.00337	0.89300	Oversupply
7/9/2020 11:48	0:28	17-2	0.28451	0.75000	Oversupply
7/9/2020 11:48	0:01	SSA3	0.02558	2.82300	Oversupply
7/9/2020 11:48	0:01	SSA2	0.00768	0.54800	Oversupply
7/9/2020 11:49	0:01	SSA3	0.02558	1.75600	Oversupply
7/9/2020 11:49	0:21	SSA2	0.26313	0.07500	Oversupply
7/9/2020 11:50	0:01	SSA3	0.02614	0.10400	Oversupply
7/9/2020 11:50	0:01	SSA3	0.02502	0.00300	Oversupply
7/9/2020 11:51	0:20	KWPll	1.67650	15.15595	Oversupply
7/9/2020 11:51	0:19	SSA3	0.76141	0.01300	Oversupply
7/9/2020 12:10	0:01	SSA3	0.03621	0.06900	Oversupply
7/9/2020 12:10	0:01	SSA2	0.01398	0.04300	Oversupply
7/9/2020 12:11	0:01	SSA3	0.03621	0.18200	Oversupply
7/9/2020 12:11	0:01	SSA2	0.01371	0.17600	Oversupply
7/9/2020 12:11	0:01	SSA3	0.03700	0.11900	Oversupply
7/9/2020 12:12	0:01	SSA2	0.01398	0.34700	Oversupply
7/9/2020 12:12	0:01	SSA3	0.03700	0.13500	Oversupply
7/9/2020 12:13	0:01	SSA2	0.01398	0.51400	Oversupply
7/9/2020 12:13	0:01	SSA3	0.03621	0.12700	Oversupply
7/9/2020 12:13	0:01	SSA2	0.01398	0.69800	Oversupply
7/9/2020 12:14	0:01	SSA3	0.03700	0.12700	Oversupply





**Maui Curtailment Report**

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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/9/2020 12:20	0:02	17-2	0.00768	0.48300	Oversupply
7/9/2020 12:20	0:01	SSA2	-0.00065	1.30800	Oversupply
7/9/2020 12:20	0:01	SSA3	0.00990	2.96800	Oversupply
7/9/2020 12:29	0:01	SSA2	0.00253	1.04000	Oversupply
7/9/2020 12:29	0:01	SSA3	0.01322	2.59600	Oversupply
7/9/2020 12:30	0:04	17-2	0.04750	0.75000	Oversupply
7/9/2020 12:30	0:01	SSA3	0.01883	2.30700	Oversupply
7/9/2020 12:30	0:01	SSA2	0.00915	0.86000	Oversupply
7/9/2020 12:31	0:01	SSA3	0.01924	1.99700	Oversupply
7/9/2020 12:31	0:01	SSA2	0.00915	0.21000	Oversupply
7/9/2020 12:31	0:01	SSA3	0.01924	1.34300	Oversupply
7/9/2020 12:32	0:01	SSA2	0.00915	0.98700	Oversupply
7/9/2020 12:32	0:01	SSA3	0.01924	2.65700	Oversupply
7/9/2020 12:33	0:01	SSA2	0.00915	0.98700	Oversupply
7/9/2020 12:34	0:01	SSA2	0.00915	1.11100	Oversupply
7/9/2020 12:34	0:01	SSA3	0.01966	2.92400	Oversupply
7/9/2020 12:35	0:11	17-2	0.12042	0.75000	Oversupply
7/9/2020 12:35	0:01	SSA2	0.00915	0.08900	Oversupply
7/9/2020 12:35	0:01	SSA3	0.01966	1.13700	Oversupply
7/9/2020 12:36	0:01	SSA2	0.00898	0.86100	Oversupply
7/9/2020 12:36	0:01	SSA3	0.01924	0.12200	Oversupply
7/9/2020 12:37	0:01	SSA3	0.01966	0.89200	Oversupply
7/9/2020 12:37	0:01	SSA2	0.00915	0.03600	Oversupply
7/9/2020 12:37	0:01	SSA3	0.01882	0.97900	Oversupply
7/9/2020 12:38	0:01	SSA2	0.00915	0.63600	Oversupply
7/9/2020 12:38	0:01	SSA3	0.01924	0.81000	Oversupply
7/9/2020 12:39	0:01	SSA2	0.00915	0.80600	Oversupply
7/9/2020 12:39	0:01	SSA3	0.01882	1.45000	Oversupply
7/9/2020 12:39	0:01	SSA2	0.00915	1.00600	Oversupply
7/9/2020 12:40	0:01	SSA3	0.01966	1.02300	Oversupply
7/9/2020 12:40	0:01	SSA2	0.00915	1.12400	Oversupply
7/9/2020 12:41	0:01	SSA3	0.01924	1.15300	Oversupply
7/9/2020 12:41	0:01	SSA2	0.00915	0.13700	Oversupply
7/9/2020 12:41	0:01	SSA3	0.01924	1.38100	Oversupply
7/9/2020 12:42	0:01	SSA2	0.00915	0.13400	Oversupply
7/9/2020 12:42	0:01	SSA3	0.01883	0.42900	Oversupply
7/9/2020 12:43	0:01	SSA3	0.01924	0.87700	Oversupply
7/9/2020 12:43	0:01	SSA2	0.00915	0.25000	Oversupply
7/9/2020 12:44	0:01	SSA3	0.01924	0.08200	Oversupply
7/9/2020 12:44	0:01	SSA2	0.00749	0.93000	Oversupply
7/9/2020 13:16	0:04	17-2	0.01650	0.75000	Oversupply
7/9/2020 13:17	0:01	SSA3	0.00063	2.63900	Oversupply
7/9/2020 13:17	0:01	SSA2	-0.00008	0.79400	Oversupply
7/9/2020 13:18	0:01	SSA3	0.00067	2.95600	Oversupply
7/9/2020 14:44	0:01	SSA2	0.00400	0.80000	Oversupply
7/9/2020 14:45	0:01	17-2	0.00016	0.38100	Oversupply
7/9/2020 14:48	0:01	SSA3	0.02070	2.61900	Oversupply
7/9/2020 14:48	0:01	SSA2	0.01425	0.99300	Oversupply
7/9/2020 14:49	0:15	17-2	0.10883	0.75000	Oversupply
7/9/2020 14:49	0:01	SSA3	0.02208	2.63100	Oversupply
7/9/2020 14:49	0:01	SSA2	0.01425	0.10200	Oversupply
7/9/2020 14:49	0:01	SSA3	0.02116	0.66000	Oversupply
7/9/2020 14:50	0:03	SSA2	0.04276	0.04000	Oversupply
7/9/2020 14:50	0:02	SSA3	0.06440	0.01500	Oversupply
7/9/2020 14:51	0:02	KWPll	0.01278	7.74114	Oversupply
7/9/2020 14:53	0:01	SSA2	0.01425	-0.00100	Oversupply
7/9/2020 14:53	0:01	SSA3	0.02162	0.01200	Oversupply
7/9/2020 14:53	0:01	SSA3	0.02070	0.12700	Oversupply
7/9/2020 14:53	0:01	SSA2	0.01425	0.05100	Oversupply
7/9/2020 14:54	0:02	SSA3	0.04278	0.11300	Oversupply
7/9/2020 14:54	0:01	SSA2	0.01425	0.12200	Oversupply
7/9/2020 14:55	0:01	SSA2	0.01425	0.09200	Oversupply
7/9/2020 14:56	0:04	KWPll	0.03679	8.01059	Oversupply
7/9/2020 14:56	0:04	SSA3	0.10579	0.02100	Oversupply
7/9/2020 14:56	0:03	SSA2	0.05675	0.00700	Oversupply
7/9/2020 14:59	0:01	SSA2	0.01081	0.02700	Oversupply
7/9/2020 14:59	0:01	SSA3	0.01910	0.02100	Oversupply
7/9/2020 15:00	0:01	SSA3	0.01746	0.10700	Oversupply
7/9/2020 15:00	0:01	SSA2	0.00789	0.05600	Oversupply
7/9/2020 15:01	0:01	SSA3	0.01784	0.10300	Oversupply
7/9/2020 15:01	0:01	SSA2	0.00774	0.14700	Oversupply
7/9/2020 15:02	0:01	SSA3	0.01746	0.11300	Oversupply
7/9/2020 15:02	0:01	SSA2	0.00789	0.17500	Oversupply
7/9/2020 15:03	0:01	SSA3	0.01708	0.31200	Oversupply
7/9/2020 15:07	0:01	SSA3	0.01746	2.55300	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/9/2020 15:07	0:01	SSA2	0.00774	0.98200	Oversupply
7/9/2020 15:08	0:01	SSA3	0.01784	2.56500	Oversupply
7/9/2020 15:08	0:01	SSA2	0.00789	1.02900	Oversupply
7/9/2020 15:09	0:44	17-2	0.22439	0.75000	Oversupply
7/9/2020 15:09	0:01	SSA3	0.01822	2.23200	Oversupply
7/9/2020 15:09	0:01	SSA2	0.00789	0.54100	Oversupply
7/9/2020 15:09	0:01	SSA3	0.01746	0.03300	Oversupply
7/9/2020 15:10	0:01	SSA2	0.00789	0.25300	Oversupply
7/9/2020 15:10	0:01	SSA3	0.01746	0.87400	Oversupply
7/9/2020 15:11	0:01	SSA2	0.00789	0.57700	Oversupply
7/9/2020 15:11	0:01	SSA3	0.01708	1.53800	Oversupply
7/9/2020 15:12	0:01	SSA2	0.00759	0.54100	Oversupply
7/9/2020 15:12	0:01	SSA3	0.01746	0.22800	Oversupply
7/9/2020 15:12	0:01	SSA2	0.00789	0.27200	Oversupply
7/9/2020 15:13	0:01	SSA3	0.01746	1.03500	Oversupply
7/9/2020 15:13	0:01	SSA2	0.00789	0.76300	Oversupply
7/9/2020 15:13	0:01	SSA3	0.01784	1.27300	Oversupply
7/9/2020 15:14	0:01	SSA2	0.01209	0.60800	Oversupply
7/9/2020 15:14	0:01	SSA3	0.02378	1.10000	Oversupply
7/9/2020 15:15	0:01	SSA3	0.02852	0.10100	Oversupply
7/9/2020 15:15	0:01	SSA2	0.03517	0.19100	Oversupply
7/9/2020 15:16	0:02	SSA3	0.08679	0.33200	Oversupply
7/9/2020 15:16	0:02	SSA2	0.07033	0.06100	Oversupply
7/9/2020 15:17	0:01	KWPPII	0.00854	8.40079	Oversupply
7/9/2020 15:18	0:01	SSA2	0.03517	0.00500	Oversupply
7/9/2020 15:18	0:01	SSA3	0.02914	0.05000	Oversupply
7/9/2020 15:18	0:31	SSA2	0.68013	0.05200	Oversupply
7/9/2020 15:19	0:31	SSA3	1.04981	0.00300	Oversupply
7/9/2020 15:20	0:31	KWPPII	1.32630	17.65582	Oversupply
7/9/2020 15:50	0:01	SSA2	0.00325	0.00100	Oversupply
7/9/2020 15:50	0:01	SSA3	0.01946	-0.00500	Oversupply
7/9/2020 15:50	0:01	SSA3	0.01904	0.08300	Oversupply
7/9/2020 15:50	0:01	SSA2	0.00325	0.18000	Oversupply
7/9/2020 15:51	0:01	SSA3	0.01904	0.13500	Oversupply
7/9/2020 22:14	0:14	KWPPII	0.25794	19.18769	Oversupply
7/9/2020 22:30	0:01	KWPPII	0.00303	19.17172	Oversupply
7/9/2020 22:40	0:15	KWPPII	0.66927	19.21064	Oversupply
7/9/2020 23:29	0:13	KWPPII	0.43340	19.04797	Oversupply
7/9/2020 23:43	0:01	KWPPII	0.00228	19.11284	Oversupply
7/10/2020 0:14	0:33	KWPPII	1.59179	19.21064	Oversupply
7/10/2020 0:50	0:01	KWPPII	0.00004	18.97812	Oversupply
7/10/2020 0:55	0:01	KWPPII	0.00414	19.15176	Oversupply
7/10/2020 1:03	0:39	KWPPII	3.56685	19.20365	Oversupply
7/10/2020 1:43	0:31	KWPPII	2.41366	18.89329	Oversupply
7/10/2020 2:17	0:01	KWPPII	0.00186	16.49321	Oversupply
7/10/2020 2:19	0:07	KWPPII	0.33171	16.26567	Oversupply
7/10/2020 2:31	0:20	KWPPII	1.74251	18.55798	Oversupply
7/10/2020 3:20	0:03	KWPPII	0.06103	16.50718	Oversupply
7/10/2020 3:24	0:06	KWPPII	0.09950	17.67179	Oversupply
7/10/2020 3:33	0:18	KWPPII	0.87257	18.30450	Oversupply
7/10/2020 3:56	0:01	KWPPII	0.00188	16.87842	Oversupply
7/10/2020 4:23	0:40	KWPPII	7.74231	19.10086	Oversupply
7/10/2020 4:38	0:02	AWE	0.00557	21.00000	Oversupply
7/10/2020 4:42	0:05	AWE	0.04813	21.00000	Oversupply
7/10/2020 4:48	0:01	AWE	0.00091	21.00000	Oversupply
7/10/2020 4:58	0:01	AWE	0.01130	21.00000	Oversupply
7/10/2020 5:05	2:04	KWPPII	23.12205	19.21064	Oversupply
7/10/2020 6:03	1:04	SSA3	0.11788	0.01700	Oversupply
7/10/2020 6:06	1:02	SSA2	0.13327	0.00200	Oversupply
7/10/2020 6:18	0:57	17-2	0.04898	0.19100	Oversupply
7/10/2020 7:08	0:01	SSA2	0.00360	0.09400	Oversupply
7/10/2020 7:08	0:01	SSA3	0.00232	0.18800	Oversupply
7/10/2020 7:09	0:01	SSA2	0.00374	0.05300	Oversupply
7/10/2020 7:09	0:01	SSA3	0.00227	0.12600	Oversupply
7/10/2020 7:10	0:03	SSA2	0.01123	0.06200	Oversupply
7/10/2020 7:11	0:02	SSA3	0.00458	0.09400	Oversupply
7/10/2020 7:12	0:01	SSA2	0.00374	0.25800	Oversupply
7/10/2020 7:12	0:01	SSA3	0.00227	0.09400	Oversupply
7/10/2020 7:13	0:02	SSA2	0.00769	0.02500	Oversupply
7/10/2020 7:13	0:02	SSA3	0.00464	0.02800	Oversupply
7/10/2020 7:15	0:01	SSA2	0.00313	0.20200	Oversupply
7/10/2020 7:15	0:01	SSA3	0.00215	0.12700	Oversupply
7/10/2020 7:16	8:27	17-2	4.20564	0.75000	Oversupply
7/10/2020 7:16	0:01	SSA2	0.00307	0.00500	Oversupply
7/10/2020 7:16	0:01	SSA3	0.00210	0.04800	Oversupply



**Maui Curtailment Report**

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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/10/2020 7:17	2:14	SSA3	1.83151	0.00500	Oversupply
7/10/2020 7:17	2:14	SSA2	1.77523	0.02800	Oversupply
7/10/2020 7:19	2:13	KWPPII	26.39190	19.21064	Oversupply
7/10/2020 9:14	0:01	AWE	0.00491	21.00000	Oversupply
7/10/2020 9:21	0:01	AWE	0.00141	21.00000	Oversupply
7/10/2020 9:23	0:03	AWE	0.03601	21.00000	Oversupply
7/10/2020 9:31	0:01	SSA3	0.01663	0.01700	Oversupply
7/10/2020 9:31	0:01	SSA2	0.01098	0.00000	Oversupply
7/10/2020 9:32	0:01	SSA3	0.01735	0.50500	Oversupply
7/10/2020 9:32	0:01	SSA2	0.01098	0.84000	Oversupply
7/10/2020 9:33	0:01	SSA3	0.01627	0.94400	Oversupply
7/10/2020 9:33	0:01	SSA2	0.01098	0.02800	Oversupply
7/10/2020 9:34	0:30	KWPPII	8.61300	19.18968	Oversupply
7/10/2020 9:34	0:30	SSA3	0.71487	0.59600	Oversupply
7/10/2020 9:34	0:29	SSA2	0.69620	0.01900	Oversupply
7/10/2020 9:49	0:01	AWE	0.00141	21.00000	Oversupply
7/10/2020 9:55	0:04	AWE	0.04941	21.00000	Oversupply
7/10/2020 10:03	0:01	SSA2	0.02273	0.08600	Oversupply
7/10/2020 10:04	0:01	SSA3	0.01947	0.17400	Oversupply
7/10/2020 10:04	4:38	SSA2	11.38575	0.14700	Oversupply
7/10/2020 10:04	4:38	SSA3	8.39714	0.15800	Oversupply
7/10/2020 10:06	4:37	KWPPII	86.07145	19.21064	Oversupply
7/10/2020 10:12	4:25	AWE	31.25305	21.00000	Oversupply
7/10/2020 14:42	0:01	SSA2	0.04070	-0.00100	Oversupply
7/10/2020 14:42	0:01	SSA3	0.02196	-0.00100	Oversupply
7/10/2020 14:43	0:01	SSA2	0.04070	0.03200	Oversupply
7/10/2020 14:43	0:01	SSA3	0.02196	0.09100	Oversupply
7/10/2020 14:43	0:01	SSA2	0.04070	0.49800	Oversupply
7/10/2020 14:44	0:41	SSA3	1.02769	0.68900	Oversupply
7/10/2020 14:44	0:41	SSA2	1.92786	0.61000	Oversupply
7/10/2020 14:45	0:40	KWPPII	3.85280	19.19866	Oversupply
7/10/2020 15:25	0:01	SSA3	0.01906	0.00200	Oversupply
7/10/2020 15:25	0:01	SSA2	0.04113	0.01100	Oversupply
7/10/2020 15:26	0:04	KWPPII	0.04708	18.99608	Oversupply
7/10/2020 15:26	0:01	SSA3	0.01948	0.01400	Oversupply
7/10/2020 15:26	0:01	SSA2	0.03880	0.04800	Oversupply
7/10/2020 15:26	0:02	SSA3	0.05802	-0.00300	Oversupply
7/10/2020 15:27	0:02	SSA2	0.07915	0.01600	Oversupply
7/10/2020 15:28	0:01	SSA2	0.04035	0.01000	Oversupply
7/10/2020 15:29	0:01	SSA3	0.01854	0.00700	Oversupply
7/10/2020 15:29	0:01	SSA2	0.02662	0.44100	Oversupply
7/10/2020 15:30	0:01	SSA3	0.00543	0.48000	Oversupply
7/10/2020 15:30	0:01	SSA2	0.02042	0.46700	Oversupply
7/10/2020 15:30	0:01	SSA3	0.00591	0.43900	Oversupply
7/10/2020 15:31	0:01	SSA2	0.02042	0.39400	Oversupply
7/10/2020 15:31	0:01	SSA3	0.00567	0.17800	Oversupply
7/10/2020 15:32	0:01	SSA2	0.02042	1.31300	Oversupply
7/10/2020 15:32	0:01	SSA3	0.00543	0.90000	Oversupply
7/10/2020 15:33	0:01	SSA3	0.00543	1.46100	Oversupply
7/10/2020 15:33	0:01	SSA2	0.02042	1.82900	Oversupply
7/10/2020 15:33	0:01	SSA3	0.00543	1.34700	Oversupply
7/10/2020 15:34	0:01	SSA2	0.02042	0.64400	Oversupply
7/10/2020 15:34	0:01	SSA3	0.00567	0.75900	Oversupply
7/10/2020 15:34	0:01	SSA2	0.02042	0.41200	Oversupply
7/10/2020 15:35	0:01	SSA3	0.00555	0.84700	Oversupply
7/10/2020 15:35	0:01	SSA2	0.02042	1.75900	Oversupply
7/10/2020 15:36	0:01	SSA3	0.00555	1.28800	Oversupply
7/10/2020 15:36	0:01	SSA2	0.02042	1.18700	Oversupply
7/10/2020 15:36	0:01	SSA3	0.00579	1.12300	Oversupply
7/10/2020 15:37	0:01	SSA2	0.02042	1.26800	Oversupply
7/10/2020 15:37	0:01	SSA3	0.00579	1.07100	Oversupply
7/10/2020 15:38	0:01	SSA2	0.02042	1.98400	Oversupply
7/10/2020 15:38	0:01	SSA3	0.00543	1.29300	Oversupply
7/10/2020 15:39	0:01	SSA3	0.00555	0.71700	Oversupply
7/10/2020 15:39	0:01	SSA2	0.02042	0.75300	Oversupply
7/10/2020 15:40	0:01	SSA3	0.00567	0.91700	Oversupply
7/10/2020 15:40	0:01	SSA2	0.02042	0.77600	Oversupply
7/10/2020 15:40	0:01	SSA3	0.00555	0.67600	Oversupply
7/10/2020 15:41	0:01	SSA2	0.02042	0.64600	Oversupply
7/10/2020 15:41	0:01	SSA3	0.00555	1.32600	Oversupply
7/10/2020 15:41	0:01	SSA2	0.02042	2.11400	Oversupply
7/10/2020 23:36	9:29	KWPPII	86.80089	19.21064	Oversupply
7/11/2020 6:03	3:01	SSA3	1.43637	0.01500	Oversupply
7/11/2020 6:06	2:58	SSA2	1.03223	0.00100	Oversupply
7/11/2020 6:34	9:10	17-2	4.81764	0.75000	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/11/2020 8:14	0:07	AWE	0.05141	21.00000	Oversupply
7/11/2020 8:22	0:01	AWE	0.00141	21.00000	Oversupply
7/11/2020 8:25	0:36	AWE	1.60514	21.00000	Oversupply
7/11/2020 9:04	0:01	SSA2	0.00973	0.07000	Oversupply
7/11/2020 9:04	0:01	SSA3	0.01184	0.02000	Oversupply
7/11/2020 9:05	0:01	SSA3	0.01159	0.53000	Oversupply
7/11/2020 9:05	0:01	SSA2	0.00973	0.17000	Oversupply
7/11/2020 9:05	6:32	SSA3	10.67738	0.50900	Oversupply
7/11/2020 9:06	6:32	SSA2	13.40107	0.51200	Oversupply
7/11/2020 9:07	6:31	KWP11	111.34406	19.21064	Oversupply
7/11/2020 9:15	0:03	AWE	0.01955	21.00000	Oversupply
7/11/2020 9:19	5:20	AWE	51.54234	21.00000	Oversupply
7/11/2020 10:24	0:01	5A	Data is not available	Data is not available	Oversupply
7/11/2020 10:24	0:01	SAG	Data is not available	Data is not available	Oversupply
7/11/2020 10:28	0:01	5A	Data is not available	Data is not available	Oversupply
7/11/2020 10:28	0:01	SAG	Data is not available	Data is not available	Oversupply
7/11/2020 10:33	0:01	5A	Data is not available	Data is not available	Oversupply
7/11/2020 10:33	0:01	SAG	Data is not available	Data is not available	Oversupply
7/11/2020 10:42	0:01	5A	Data is not available	Data is not available	Oversupply
7/11/2020 10:42	0:01	SAG	Data is not available	Data is not available	Oversupply
7/11/2020 10:45	0:01	5A	Data is not available	Data is not available	Oversupply
7/11/2020 10:45	0:01	SAG	Data is not available	Data is not available	Oversupply
7/11/2020 12:39	0:01	5A	Data is not available	Data is not available	Oversupply
7/11/2020 12:39	0:01	SAG	Data is not available	Data is not available	Oversupply
7/11/2020 14:41	0:03	AWE	0.04570	21.00000	Oversupply
7/11/2020 15:37	0:01	SSA2	0.01615	0.00400	Oversupply
7/11/2020 15:37	0:01	SSA3	0.01097	0.00400	Oversupply
7/11/2020 15:38	0:01	SSA2	0.01615	0.30300	Oversupply
7/11/2020 15:38	0:01	SSA3	0.01073	0.53700	Oversupply
7/11/2020 15:39	0:01	SSA3	0.01073	0.77000	Oversupply
7/11/2020 15:39	0:01	SSA2	0.01615	0.75800	Oversupply
7/11/2020 15:40	0:01	SSA3	0.01050	0.44300	Oversupply
7/11/2020 15:40	0:01	SSA2	0.01615	0.58400	Oversupply
7/11/2020 15:40	0:01	SSA3	0.01050	0.03500	Oversupply
7/11/2020 15:41	0:01	SSA2	0.01615	0.00800	Oversupply
7/11/2020 15:41	0:01	SSA3	0.01097	0.06000	Oversupply
7/11/2020 15:41	0:01	SSA2	0.01615	0.25300	Oversupply
7/11/2020 15:42	0:01	SSA3	0.01050	0.08800	Oversupply
7/11/2020 15:42	0:01	SSA2	0.01615	0.13800	Oversupply
7/11/2020 15:43	0:01	SSA3	0.01073	0.34500	Oversupply
7/11/2020 15:52	0:01	SSA2	0.01103	1.11900	Oversupply
7/11/2020 15:52	0:01	SSA3	0.00625	0.48500	Oversupply
7/11/2020 15:53	0:07	KWP11	0.09282	19.20964	Oversupply
7/11/2020 15:53	0:21	17-2	0.17840	0.75000	Oversupply
7/11/2020 15:53	0:05	SSA3	0.04285	0.17500	Oversupply
7/11/2020 15:53	0:01	SSA2	0.01103	1.06900	Oversupply
7/11/2020 15:54	0:04	SSA2	0.05496	0.05600	Oversupply
7/11/2020 15:58	0:01	SSA2	0.01103	-0.00100	Oversupply
7/11/2020 15:58	0:01	SSA3	0.00612	0.05600	Oversupply
7/11/2020 15:59	0:01	SSA2	0.01201	0.01200	Oversupply
7/11/2020 15:59	0:02	SSA3	0.02139	-0.00400	Oversupply
7/11/2020 16:00	0:01	SSA2	0.01204	0.16600	Oversupply
7/11/2020 16:00	0:03	SSA2	0.03611	0.10100	Oversupply
7/11/2020 16:01	0:01	SSA3	0.00762	0.00400	Oversupply
7/11/2020 16:02	0:01	SSA3	0.00762	0.01000	Oversupply
7/11/2020 16:03	0:01	SSA3	0.00778	0.05500	Oversupply
7/11/2020 16:03	0:01	SSA2	0.01204	0.11700	Oversupply
7/11/2020 16:03	0:01	SSA3	0.00762	0.18600	Oversupply
7/11/2020 16:04	0:01	SSA2	0.01181	0.29800	Oversupply
7/11/2020 16:04	0:01	SSA3	0.00778	0.32200	Oversupply
7/11/2020 16:05	0:01	SSA2	0.01204	0.48600	Oversupply
7/11/2020 16:05	0:01	SSA3	0.00762	0.77700	Oversupply
7/11/2020 16:06	0:01	SSA2	0.01204	0.64200	Oversupply
7/11/2020 16:06	0:01	SSA3	0.00762	1.32500	Oversupply
7/11/2020 16:06	0:01	SSA3	0.00745	1.29600	Oversupply
7/11/2020 16:07	0:01	SSA2	0.01204	0.38900	Oversupply
7/11/2020 16:07	0:01	SSA3	0.00762	1.22300	Oversupply
7/11/2020 16:07	0:01	SSA2	0.01204	0.45500	Oversupply
7/11/2020 16:08	0:01	SSA3	0.00745	0.78400	Oversupply
7/11/2020 16:08	0:01	SSA2	0.01204	0.41700	Oversupply
7/11/2020 16:09	0:01	SSA3	0.00778	1.17300	Oversupply
7/11/2020 16:09	0:01	SSA2	0.01204	0.12700	Oversupply
7/11/2020 16:10	0:01	SSA3	0.00778	0.59500	Oversupply
7/11/2020 16:10	0:01	SSA2	0.01204	0.22900	Oversupply
7/11/2020 16:10	0:01	SSA3	0.00844	0.81100	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/11/2020 16:11	0:01	SSA2	0.01204	0.85100	Oversupply
7/11/2020 16:11	0:01	SSA3	0.00778	0.80000	Oversupply
7/11/2020 16:12	0:01	SSA2	0.01204	0.77400	Oversupply
7/11/2020 16:12	0:01	SSA3	0.00745	0.89100	Oversupply
7/11/2020 16:13	0:01	SSA2	0.01204	1.01600	Oversupply
7/11/2020 16:38	0:01	SSA2	0.00142	0.68400	Oversupply
7/11/2020 16:38	0:01	SSA3	0.00012	1.19300	Oversupply
7/11/2020 16:39	0:06	17-2	0.01948	0.28000	Oversupply
7/11/2020 16:39	0:02	SSA2	0.00283	0.69700	Oversupply
7/11/2020 16:39	0:01	SSA3	0.00012	1.12000	Oversupply
7/11/2020 16:40	0:01	SSA3	0.00012	0.68000	Oversupply
7/11/2020 16:40	0:01	SSA3	0.00012	1.27300	Oversupply
7/11/2020 16:41	0:01	SSA3	0.00013	1.26900	Oversupply
7/11/2020 16:41	0:01	SSA2	0.00142	0.14300	Oversupply
7/11/2020 16:42	0:01	SSA3	0.00012	0.70900	Oversupply
7/11/2020 16:42	0:01	SSA2	0.00142	0.42400	Oversupply
7/11/2020 23:32	1:28	KWP	8.32835	19.21064	Oversupply
7/12/2020 1:06	2:30	KWP	18.29070	19.21064	Oversupply
7/12/2020 3:39	0:39	KWP	2.15582	17.71371	Oversupply
7/12/2020 4:38	0:04	KWP	0.02337	17.71371	Oversupply
7/12/2020 6:58	0:01	SSA2	0.00064	0.11800	Oversupply
7/12/2020 6:59	9:19	17-2	5.47174	0.75000	Oversupply
7/12/2020 6:59	9:08	SSA2	18.66596	0.11800	Oversupply
7/12/2020 6:59	8:27	SSA3	12.20434	0.04300	Oversupply
7/12/2020 7:02	8:25	KWP	147.50394	19.21064	Oversupply
7/12/2020 7:54	0:01	AWE	0.01007	20.60000	Oversupply
7/12/2020 7:56	0:03	AWE	0.03637	21.00000	Oversupply
7/12/2020 8:17	0:01	AWE	0.00144	18.70000	Oversupply
7/12/2020 8:19	0:01	AWE	0.02973	19.10000	Oversupply
7/12/2020 8:21	0:22	AWE	0.89203	20.80000	Oversupply
7/12/2020 8:47	6:23	AWE	77.62769	21.00000	Oversupply
7/12/2020 9:39	0:01	5A	Data is not available	Data is not available	Oversupply
7/12/2020 9:39	0:01	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 9:47	0:02	5A	Data is not available	Data is not available	Oversupply
7/12/2020 9:47	0:02	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 9:50	0:02	5A	Data is not available	Data is not available	Oversupply
7/12/2020 9:50	0:02	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 9:53	0:01	5A	Data is not available	Data is not available	Oversupply
7/12/2020 9:53	0:01	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 9:55	0:02	5A	Data is not available	Data is not available	Oversupply
7/12/2020 9:55	0:02	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 9:56	0:01	KWP	0.00176	27.40220	Oversupply
7/12/2020 9:58	0:02	5A	Data is not available	Data is not available	Oversupply
7/12/2020 9:58	0:02	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 10:01	0:01	5A	Data is not available	Data is not available	Oversupply
7/12/2020 10:01	0:01	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 10:04	0:01	5A	Data is not available	Data is not available	Oversupply
7/12/2020 10:04	0:01	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 10:08	0:03	5A	Data is not available	Data is not available	Oversupply
7/12/2020 10:08	0:03	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 10:09	0:02	KWP	0.00527	24.87033	Oversupply
7/12/2020 10:12	0:06	5A	Data is not available	Data is not available	Oversupply
7/12/2020 10:12	0:06	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 10:19	0:02	5A	Data is not available	Data is not available	Oversupply
7/12/2020 10:19	0:02	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 10:20	0:01	KWP	0.00088	23.76264	Oversupply
7/12/2020 10:22	0:03	5A	Data is not available	Data is not available	Oversupply
7/12/2020 10:22	0:03	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 10:24	0:01	KWP	0.00088	22.39121	Oversupply
7/12/2020 10:27	0:03	5A	Data is not available	Data is not available	Oversupply
7/12/2020 10:27	0:03	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 10:29	0:01	KWP	0.00352	21.91648	Oversupply
7/12/2020 10:31	0:02	5A	Data is not available	Data is not available	Oversupply
7/12/2020 10:31	0:02	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 10:33	0:01	KWP	0.00264	20.70330	Oversupply
7/12/2020 10:34	0:04	5A	Data is not available	Data is not available	Oversupply
7/12/2020 10:34	0:04	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 10:36	0:02	KWP	0.00361	20.43956	Oversupply
7/12/2020 10:39	0:12	5A	Data is not available	Data is not available	Oversupply
7/12/2020 10:39	0:12	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 10:52	0:01	5A	Data is not available	Data is not available	Oversupply
7/12/2020 10:52	0:01	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 10:54	0:08	5A	Data is not available	Data is not available	Oversupply
7/12/2020 10:54	0:08	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 10:54	0:01	KWP	0.00088	19.75385	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/12/2020 11:00	0:03	KWP	0.00264	18.90989	Oversupply
7/12/2020 11:04	0:03	5A	Data is not available	Data is not available	Oversupply
7/12/2020 11:04	0:03	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 11:06	0:01	KWP	0.00088	19.06813	Oversupply
7/12/2020 11:08	0:01	5A	Data is not available	Data is not available	Oversupply
7/12/2020 11:08	0:01	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 11:10	0:07	5A	Data is not available	Data is not available	Oversupply
7/12/2020 11:10	0:07	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 11:18	0:02	5A	Data is not available	Data is not available	Oversupply
7/12/2020 11:18	0:02	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 11:18	0:01	KWP	0.00088	19.43736	Oversupply
7/12/2020 11:21	0:02	5A	Data is not available	Data is not available	Oversupply
7/12/2020 11:21	0:02	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 11:24	0:09	5A	Data is not available	Data is not available	Oversupply
7/12/2020 11:24	0:09	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 11:29	0:01	KWP	0.00527	19.06813	Oversupply
7/12/2020 11:35	0:01	5A	Data is not available	Data is not available	Oversupply
7/12/2020 11:35	0:01	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 11:37	0:07	5A	Data is not available	Data is not available	Oversupply
7/12/2020 11:37	0:07	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 11:45	0:07	5A	Data is not available	Data is not available	Oversupply
7/12/2020 11:45	0:07	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 11:48	0:01	KWP	0.00030	18.38242	Oversupply
7/12/2020 11:53	0:03	5A	Data is not available	Data is not available	Oversupply
7/12/2020 11:53	0:03	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 11:57	0:03	5A	Data is not available	Data is not available	Oversupply
7/12/2020 11:57	0:03	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 12:01	0:08	5A	Data is not available	Data is not available	Oversupply
7/12/2020 12:01	0:08	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 12:03	0:01	KWP	0.00176	19.91209	Oversupply
7/12/2020 12:05	0:01	KWP	0.00352	19.91209	Oversupply
7/12/2020 12:08	0:01	KWP	0.00176	19.91209	Oversupply
7/12/2020 12:11	0:03	5A	Data is not available	Data is not available	Oversupply
7/12/2020 12:11	0:03	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 12:17	0:03	5A	Data is not available	Data is not available	Oversupply
7/12/2020 12:17	0:03	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 12:17	0:01	KWP	0.00352	21.33626	Oversupply
7/12/2020 12:21	0:03	5A	Data is not available	Data is not available	Oversupply
7/12/2020 12:21	0:03	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 12:26	0:03	5A	Data is not available	Data is not available	Oversupply
7/12/2020 12:26	0:03	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 12:30	0:01	5A	Data is not available	Data is not available	Oversupply
7/12/2020 12:30	0:01	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 12:32	0:03	5A	Data is not available	Data is not available	Oversupply
7/12/2020 12:32	0:03	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 12:32	0:01	KWP	0.00176	19.85934	Oversupply
7/12/2020 12:37	0:01	5A	Data is not available	Data is not available	Oversupply
7/12/2020 12:37	0:01	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 12:39	0:02	5A	Data is not available	Data is not available	Oversupply
7/12/2020 12:39	0:02	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 12:42	0:04	5A	Data is not available	Data is not available	Oversupply
7/12/2020 12:42	0:04	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 12:47	0:01	5A	Data is not available	Data is not available	Oversupply
7/12/2020 12:47	0:01	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 12:51	0:02	5A	Data is not available	Data is not available	Oversupply
7/12/2020 12:51	0:02	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 12:54	0:09	5A	Data is not available	Data is not available	Oversupply
7/12/2020 12:54	0:09	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 13:03	0:01	KWP	0.00440	21.49450	Oversupply
7/12/2020 13:06	0:02	5A	Data is not available	Data is not available	Oversupply
7/12/2020 13:06	0:02	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 13:09	0:02	5A	Data is not available	Data is not available	Oversupply
7/12/2020 13:09	0:02	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 13:12	0:02	5A	Data is not available	Data is not available	Oversupply
7/12/2020 13:12	0:02	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 13:15	0:03	5A	Data is not available	Data is not available	Oversupply
7/12/2020 13:15	0:03	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 13:17	0:01	KWP	0.00088	21.28352	Oversupply
7/12/2020 13:19	0:01	5A	Data is not available	Data is not available	Oversupply
7/12/2020 13:19	0:01	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 13:27	0:01	5A	Data is not available	Data is not available	Oversupply
7/12/2020 13:27	0:01	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 13:30	0:01	5A	Data is not available	Data is not available	Oversupply
7/12/2020 13:30	0:01	SAG	Data is not available	Data is not available	Oversupply
7/12/2020 15:11	0:03	AWE	0.02124	21.00000	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/12/2020 15:15	0:05	AWE	0.04293	21.00000	Oversupply
7/12/2020 15:26	0:01	SSA3	0.02085	0.03500	Oversupply
7/12/2020 15:27	0:01	SSA3	0.02041	0.00500	Oversupply
7/12/2020 15:27	0:39	SSA3	0.93232	0.01700	Oversupply
7/12/2020 15:28	0:40	KWP11	6.14723	18.98211	Oversupply
7/12/2020 16:06	0:01	SSA3	0.01563	0.11500	Oversupply
7/12/2020 16:07	0:01	SSA2	0.02857	0.40000	Oversupply
7/12/2020 16:07	0:01	SSA3	0.01598	0.35200	Oversupply
7/12/2020 16:08	0:01	SSA2	0.02857	0.97300	Oversupply
7/12/2020 16:08	0:01	SSA3	0.01598	0.78500	Oversupply
7/12/2020 16:09	0:01	SSA2	0.02857	0.63800	Oversupply
7/12/2020 16:09	0:01	SSA3	0.01633	0.20800	Oversupply
7/12/2020 16:09	0:01	SSA3	0.01633	0.01800	Oversupply
7/12/2020 16:09	0:01	SSA2	0.02857	0.02100	Oversupply
7/12/2020 16:10	0:01	SSA3	0.01598	0.45200	Oversupply
7/12/2020 16:10	0:01	SSA2	0.02857	0.03500	Oversupply
7/12/2020 16:11	0:04	KWP11	0.02781	18.53003	Oversupply
7/12/2020 16:11	0:02	SSA3	0.04864	0.09400	Oversupply
7/12/2020 16:11	0:02	SSA2	0.05714	0.07100	Oversupply
7/12/2020 16:13	0:01	SSA2	0.02857	0.05900	Oversupply
7/12/2020 16:13	0:01	SSA3	0.01598	0.08400	Oversupply
7/12/2020 16:14	0:01	SSA2	0.02393	0.07500	Oversupply
7/12/2020 16:14	0:01	SSA3	0.01351	0.13400	Oversupply
7/12/2020 16:15	0:01	SSA2	0.00961	0.56600	Oversupply
7/12/2020 16:15	0:01	SSA3	0.00615	0.12600	Oversupply
7/12/2020 16:16	0:01	SSA3	0.00628	0.15100	Oversupply
7/12/2020 23:55	0:14	KWP11	6.62373	19.13180	Oversupply
7/13/2020 0:13	4:51	KWP11	43.40298	19.18469	Oversupply
7/13/2020 5:05	0:02	KWP11	0.01494	16.63791	Oversupply
7/13/2020 8:45	0:01	17-2	0.00303	0.51200	Oversupply
7/13/2020 8:49	0:01	17-2	0.00298	0.59400	Oversupply
7/13/2020 8:53	0:01	17-2	0.00717	0.48500	Oversupply
7/13/2020 8:54	0:01	SSA2	0.00197	0.40800	Oversupply
7/13/2020 8:55	0:06	17-2	0.05358	0.56100	Oversupply
7/13/2020 8:55	0:01	SSA2	0.00201	0.40100	Oversupply
7/13/2020 8:55	0:01	SSA3	0.00239	1.02300	Oversupply
7/13/2020 8:56	0:02	SSA3	0.00484	0.87000	Oversupply
7/13/2020 8:56	0:02	SSA2	0.00402	0.06700	Oversupply
7/13/2020 8:57	0:01	KWP11	0.00823	5.52268	Oversupply
7/13/2020 8:57	0:01	SSA3	0.00239	0.04300	Oversupply
7/13/2020 8:57	0:01	SSA2	0.00201	0.09600	Oversupply
7/13/2020 8:58	0:01	SSA3	0.00250	0.58700	Oversupply
7/13/2020 8:58	0:01	SSA2	0.00201	0.02000	Oversupply
7/13/2020 8:59	0:01	SSA3	0.00239	0.24800	Oversupply
7/13/2020 8:59	0:01	SSA2	0.00144	0.09300	Oversupply
7/13/2020 8:59	0:01	SSA3	-0.00200	0.77500	Oversupply
7/13/2020 9:02	0:03	17-2	0.00678	0.60400	Oversupply
7/13/2020 9:02	0:01	SSA3	0.00020	1.24200	Oversupply
7/13/2020 9:05	0:01	SSA3	0.00020	1.26100	Oversupply
7/13/2020 9:05	0:01	SSA2	0.00223	0.45700	Oversupply
7/13/2020 9:06	0:08	17-2	0.05790	0.67000	Oversupply
7/13/2020 9:06	0:01	SSA3	0.00020	1.27200	Oversupply
7/13/2020 9:06	0:01	SSA2	0.00223	0.16300	Oversupply
7/13/2020 9:06	0:01	SSA3	0.00020	1.28600	Oversupply
7/13/2020 9:07	0:01	SSA2	0.00223	0.51300	Oversupply
7/13/2020 9:07	0:01	SSA3	0.00020	1.27800	Oversupply
7/13/2020 9:08	0:01	SSA2	0.00219	0.55300	Oversupply
7/13/2020 9:08	0:01	SSA3	0.00020	1.27900	Oversupply
7/13/2020 9:09	0:01	SSA2	0.00219	0.07600	Oversupply
7/13/2020 9:09	0:01	SSA3	0.00021	0.99700	Oversupply
7/13/2020 9:12	0:01	SSA3	0.00020	1.33500	Oversupply
7/13/2020 9:16	0:01	SSA2	-0.00059	1.83700	Oversupply
7/13/2020 9:16	0:01	SSA3	0.00017	1.35300	Oversupply
7/13/2020 9:17	0:01	17-2	0.00368	0.63600	Oversupply
7/13/2020 9:31	0:01	17-2	0.00427	0.68600	Oversupply
7/13/2020 9:36	0:02	17-2	0.00935	0.72300	Oversupply
7/13/2020 9:41	0:02	SSA2	0.00505	2.14000	Oversupply
7/13/2020 9:42	5:59	17-2	4.30025	0.75000	Oversupply
7/13/2020 9:42	0:01	SSA2	0.00253	1.39100	Oversupply
7/13/2020 9:44	0:01	SSA3	0.00690	1.42800	Oversupply
7/13/2020 9:44	0:01	SSA2	0.01513	2.14800	Oversupply
7/13/2020 9:45	0:01	SSA3	0.01679	1.08900	Oversupply
7/13/2020 9:45	0:01	SSA2	0.02505	0.09400	Oversupply
7/13/2020 9:46	0:01	SSA3	0.01608	0.04600	Oversupply
7/13/2020 9:46	0:01	SSA2	0.02456	0.23800	Oversupply



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July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/13/2020 9:46	0:01	SSA3	0.01679	0.01300	Oversupply
7/13/2020 9:47	0:01	SSA2	0.02456	0.02500	Oversupply
7/13/2020 9:47	0:01	SSA3	0.01608	0.09200	Oversupply
7/13/2020 9:48	0:01	SSA2	0.02505	0.28600	Oversupply
7/13/2020 9:48	0:01	SSA3	0.01643	0.01000	Oversupply
7/13/2020 9:48	0:01	SSA2	0.02456	0.02800	Oversupply
7/13/2020 9:49	0:01	SSA3	0.01608	0.05800	Oversupply
7/13/2020 9:49	0:01	SSA2	0.02505	0.23100	Oversupply
7/13/2020 9:49	0:01	SSA3	0.01679	0.64400	Oversupply
7/13/2020 9:50	0:01	SSA2	0.02456	0.67700	Oversupply
7/13/2020 9:50	0:01	SSA3	0.01643	0.31000	Oversupply
7/13/2020 9:51	0:01	SSA2	0.02456	0.20400	Oversupply
7/13/2020 9:51	0:01	SSA3	0.01608	0.35000	Oversupply
7/13/2020 9:52	0:01	SSA3	0.01608	0.67200	Oversupply
7/13/2020 9:52	0:01	SSA2	0.02505	0.63400	Oversupply
7/13/2020 9:53	0:01	SSA3	0.01608	0.02700	Oversupply
7/13/2020 9:53	0:23	SSA2	0.77492	0.11800	Oversupply
7/13/2020 9:53	0:22	SSA3	0.54761	0.06100	Oversupply
7/13/2020 9:54	0:23	KWPPII	0.64836	7.15434	Oversupply
7/13/2020 10:16	0:01	SSA3	0.01812	0.00100	Oversupply
7/13/2020 10:16	0:01	SSA2	0.02500	0.13400	Oversupply
7/13/2020 10:16	0:01	SSA3	0.01773	0.22500	Oversupply
7/13/2020 10:17	0:03	SSA2	0.10001	0.02200	Oversupply
7/13/2020 10:17	0:04	SSA3	0.08944	0.03000	Oversupply
7/13/2020 10:18	0:03	KWPPII	0.02818	4.43691	Oversupply
7/13/2020 10:20	0:01	SSA2	0.02500	0.01000	Oversupply
7/13/2020 10:21	0:01	SSA3	0.01735	0.15600	Oversupply
7/13/2020 10:21	0:01	SSA2	0.02500	0.01400	Oversupply
7/13/2020 10:22	0:01	KWPPII	0.00135	3.03977	Oversupply
7/13/2020 10:22	0:01	SSA3	0.01773	0.00200	Oversupply
7/13/2020 10:22	0:01	SSA2	0.02500	0.04300	Oversupply
7/13/2020 10:23	0:01	SSA3	0.01773	0.36700	Oversupply
7/13/2020 10:23	0:01	SSA2	0.02500	0.72600	Oversupply
7/13/2020 10:23	0:01	SSA3	0.01735	0.67000	Oversupply
7/13/2020 10:24	0:01	SSA2	0.02500	1.26700	Oversupply
7/13/2020 10:24	0:01	SSA3	0.01812	0.86500	Oversupply
7/13/2020 10:25	0:01	SSA2	0.02500	0.92200	Oversupply
7/13/2020 10:25	0:01	SSA3	0.01735	0.93200	Oversupply
7/13/2020 10:26	0:03	SSA2	0.07501	0.04900	Oversupply
7/13/2020 10:26	0:01	SSA3	0.01735	0.03600	Oversupply
7/13/2020 10:26	0:01	SSA3	0.01773	0.05800	Oversupply
7/13/2020 10:27	0:02	SSA3	0.03508	0.01900	Oversupply
7/13/2020 10:28	0:01	SSA2	0.02500	0.00900	Oversupply
7/13/2020 10:29	0:01	SSA3	0.01773	0.01600	Oversupply
7/13/2020 10:29	0:03	SSA2	0.07527	0.01500	Oversupply
7/13/2020 10:29	0:02	SSA3	0.05013	0.00400	Oversupply
7/13/2020 10:31	0:02	KWPPII	0.02286	2.78529	Oversupply
7/13/2020 10:32	0:01	SSA2	0.02564	0.01200	Oversupply
7/13/2020 10:32	0:01	SSA3	0.01752	0.00300	Oversupply
7/13/2020 10:32	0:01	SSA2	0.02564	0.27600	Oversupply
7/13/2020 10:32	0:01	SSA3	0.01752	0.47200	Oversupply
7/13/2020 10:34	0:01	SSA2	0.02564	0.42200	Oversupply
7/13/2020 10:35	0:01	SSA3	0.01713	1.59400	Oversupply
7/13/2020 10:35	0:01	SSA2	0.02564	1.47600	Oversupply
7/13/2020 10:36	0:01	SSA3	0.01752	0.65800	Oversupply
7/13/2020 10:36	0:01	SSA2	0.02564	0.15000	Oversupply
7/13/2020 10:36	0:01	SSA3	0.01790	0.00800	Oversupply
7/13/2020 10:37	0:01	SSA2	0.02564	0.02000	Oversupply
7/13/2020 10:37	0:01	SSA3	0.01752	0.24900	Oversupply
7/13/2020 10:38	0:01	SSA2	0.02564	0.11900	Oversupply
7/13/2020 10:38	0:01	SSA3	0.01713	0.03300	Oversupply
7/13/2020 10:39	0:05	SSA2	0.15381	0.00800	Oversupply
7/13/2020 10:39	0:05	SSA3	0.10586	0.01700	Oversupply
7/13/2020 10:41	0:03	KWPPII	0.07878	5.36002	Oversupply
7/13/2020 10:43	0:01	SSA3	0.01752	0.02100	Oversupply
7/13/2020 10:44	0:01	SSA2	0.02645	0.05800	Oversupply
7/13/2020 10:44	0:01	SSA3	0.01876	0.44000	Oversupply
7/13/2020 10:45	0:01	SSA2	0.03750	0.18100	Oversupply
7/13/2020 10:45	0:01	SSA3	0.02066	0.46200	Oversupply
7/13/2020 10:45	0:57	SSA2	2.44219	0.00500	Oversupply
7/13/2020 10:46	0:57	SSA3	1.68103	0.02200	Oversupply
7/13/2020 10:47	0:57	KWPPII	7.04126	15.52719	Oversupply
7/13/2020 11:03	0:24	AWE	0.88062	21.00000	Oversupply
7/13/2020 11:35	0:02	AWE	0.02039	21.00000	Oversupply
7/13/2020 11:43	0:01	SSA3	0.02182	0.06200	Oversupply





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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/13/2020 11:43	0:01	SSA2	0.03730	0.00900	Oversupply
7/13/2020 11:43	0:28	SSA3	0.85655	0.19300	Oversupply
7/13/2020 11:43	0:28	SSA2	1.31236	0.40600	Oversupply
7/13/2020 11:45	0:27	KWPll	5.98310	15.97926	Oversupply
7/13/2020 11:48	0:14	AWE	0.40466	21.00000	Oversupply
7/13/2020 12:03	0:05	AWE	0.02316	21.00000	Oversupply
7/13/2020 12:11	0:01	SSA3	0.02295	0.00200	Oversupply
7/13/2020 12:11	0:01	SSA2	0.04111	0.01000	Oversupply
7/13/2020 12:12	0:01	SSA3	0.02295	0.08500	Oversupply
7/13/2020 12:12	0:01	SSA2	0.04111	0.25500	Oversupply
7/13/2020 12:12	0:01	SSA3	0.02295	0.33000	Oversupply
7/13/2020 12:13	2:54	SSA2	7.75205	0.05400	Oversupply
7/13/2020 12:13	2:53	SSA3	4.54191	0.21800	Oversupply
7/13/2020 12:14	2:53	KWPll	33.65854	19.20765	Oversupply
7/13/2020 12:19	0:02	AWE	0.01548	21.00000	Oversupply
7/13/2020 15:07	0:01	SSA3	0.02059	0.13800	Oversupply
7/13/2020 15:07	0:01	SSA2	0.03747	0.25400	Oversupply
7/13/2020 15:07	0:01	SSA3	0.01971	0.28900	Oversupply
7/13/2020 15:08	0:01	SSA2	0.03747	0.45700	Oversupply
7/13/2020 15:08	0:01	SSA3	0.02015	0.50000	Oversupply
7/13/2020 15:08	0:01	SSA2	0.03747	0.82800	Oversupply
7/13/2020 15:09	0:01	SSA3	0.02015	0.14800	Oversupply
7/13/2020 15:09	0:01	SSA2	0.03747	0.03900	Oversupply
7/13/2020 15:10	0:01	SSA3	0.02059	0.13700	Oversupply
7/13/2020 15:10	0:01	SSA2	0.03747	0.12800	Oversupply
7/13/2020 15:11	0:22	SSA3	0.49491	0.14800	Oversupply
7/13/2020 15:11	0:22	SSA2	0.87396	0.01300	Oversupply
7/13/2020 15:12	0:21	KWPll	1.16823	19.19168	Oversupply
7/13/2020 15:32	0:01	SSA3	0.00453	0.09700	Oversupply
7/13/2020 15:33	0:01	SSA2	0.02213	0.10700	Oversupply
7/13/2020 15:33	0:01	SSA3	0.00444	0.36900	Oversupply
7/13/2020 15:34	0:01	SSA2	0.02213	0.11700	Oversupply
7/13/2020 15:34	0:01	SSA3	0.00453	0.72500	Oversupply
7/13/2020 15:34	0:01	SSA2	0.02213	0.12200	Oversupply
7/13/2020 15:35	0:01	SSA3	0.00444	1.18100	Oversupply
7/13/2020 15:35	0:01	SSA2	0.02213	0.13000	Oversupply
7/13/2020 15:37	0:01	SSA2	0.02213	0.25300	Oversupply
7/13/2020 15:37	0:01	SSA3	0.00444	1.14700	Oversupply
7/13/2020 15:38	0:01	SSA3	0.00434	0.94700	Oversupply
7/13/2020 15:38	0:01	SSA2	0.02213	0.65000	Oversupply
7/13/2020 15:39	0:01	SSA3	0.00434	0.73200	Oversupply
7/13/2020 15:39	0:01	SSA2	0.02213	1.17200	Oversupply
7/13/2020 15:40	0:01	SSA2	0.02213	2.10700	Oversupply
7/13/2020 15:44	0:01	17-2	0.00460	0.65600	Oversupply
7/13/2020 15:52	0:05	17-2	0.04494	0.68400	Oversupply
7/13/2020 15:52	0:03	SSA2	0.01493	2.53100	Oversupply
7/13/2020 15:52	0:01	SSA3	-0.00081	1.37800	Oversupply
7/13/2020 15:53	0:01	SSA3	-0.00085	1.33900	Oversupply
7/13/2020 15:54	0:01	SSA3	-0.00083	1.29000	Oversupply
7/13/2020 15:55	0:01	SSA3	-0.00081	1.23800	Oversupply
7/13/2020 15:55	0:01	SSA2	0.00488	1.52300	Oversupply
7/13/2020 15:55	0:01	SSA3	-0.00083	1.28100	Oversupply
7/14/2020 1:12	0:01	KWPll	0.00303	18.76755	Oversupply
7/14/2020 1:37	0:16	KWPll	0.56456	17.48418	Oversupply
7/14/2020 1:55	0:12	KWPll	0.33683	18.69270	Oversupply
7/14/2020 2:08	0:02	KWPll	0.01870	18.81844	Oversupply
7/14/2020 4:20	2:34	KWPll	17.39481	18.85936	Oversupply
7/14/2020 6:04	0:48	SSA3	0.04182	0.01300	Oversupply
7/14/2020 6:07	0:47	SSA2	0.04510	0.00300	Oversupply
7/14/2020 6:32	0:23	17-2	0.00824	0.05300	Oversupply
7/14/2020 6:59	0:01	SSA3	0.00083	0.08800	Oversupply
7/14/2020 6:59	0:21	SSA2	0.07069	0.06100	Oversupply
7/14/2020 7:00	0:01	KWPll	0.00974	18.90028	Oversupply
7/14/2020 7:00	0:28	17-2	0.05885	0.24800	Oversupply
7/14/2020 7:00	0:04	SSA3	0.00683	0.00600	Oversupply
7/14/2020 7:02	0:02	KWPll	0.03526	18.97712	Oversupply
7/14/2020 7:03	0:01	SSA3	0.00135	0.00500	Oversupply
7/14/2020 7:04	0:20	SSA3	0.03408	0.00000	Oversupply
7/14/2020 7:05	0:20	KWPll	0.17858	19.18769	Oversupply
7/14/2020 7:21	0:03	SSA2	0.01086	0.02100	Oversupply
7/14/2020 7:24	0:01	SSA2	0.00271	0.01300	Oversupply
7/14/2020 7:25	0:01	SSA2	0.00271	0.30900	Oversupply
7/14/2020 7:25	0:01	SSA3	0.00129	0.17900	Oversupply
7/14/2020 7:26	0:01	KWPll	0.00099	18.92522	Oversupply
7/14/2020 7:26	0:01	SSA3	0.00129	0.18400	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/14/2020 7:26	0:01	SSA2	0.00271	0.27200	Oversupply
7/14/2020 7:39	0:01	SSA3	0.00219	0.71400	Oversupply
7/14/2020 7:39	0:01	SSA2	0.00113	0.36700	Oversupply
7/14/2020 7:40	2:34	17-2	1.23143	0.75000	Oversupply
7/14/2020 7:40	0:01	SSA3	0.00224	0.74000	Oversupply
7/14/2020 7:40	0:01	SSA2	0.00113	0.07000	Oversupply
7/14/2020 7:40	0:49	SSA3	0.50437	0.41400	Oversupply
7/14/2020 7:41	2:41	SSA2	1.95229	0.01900	Oversupply
7/14/2020 7:42	2:32	KWPPII	27.30873	19.18868	Oversupply
7/14/2020 8:30	1:50	SSA3	3.41503	0.00200	Oversupply
7/14/2020 9:34	0:01	AWE	0.01163	21.00000	Oversupply
7/14/2020 10:15	0:16	17-2	0.16152	0.75000	Oversupply
7/14/2020 10:16	0:06	KWPPII	0.04122	15.15096	Oversupply
7/14/2020 10:20	0:01	SSA3	0.02516	0.00400	Oversupply
7/14/2020 10:21	0:01	SSA3	0.02516	0.02700	Oversupply
7/14/2020 10:21	0:02	SSA2	0.02038	0.13000	Oversupply
7/14/2020 10:21	0:01	SSA3	0.02624	0.33200	Oversupply
7/14/2020 10:22	0:01	SSA3	0.02463	0.49300	Oversupply
7/14/2020 10:23	0:01	SSA3	0.02516	0.38300	Oversupply
7/14/2020 10:23	0:02	SSA2	0.02038	0.14600	Oversupply
7/14/2020 10:24	0:01	KWPPII	0.00975	13.97936	Oversupply
7/14/2020 10:24	0:01	SSA3	0.02463	0.04100	Oversupply
7/14/2020 10:25	0:01	SSA3	0.02516	0.23100	Oversupply
7/14/2020 10:25	0:01	SSA2	0.01019	0.33500	Oversupply
7/14/2020 10:25	0:01	SSA3	0.02516	0.94100	Oversupply
7/14/2020 10:26	0:01	SSA2	0.01019	0.66400	Oversupply
7/14/2020 10:26	0:01	SSA3	0.02463	1.52700	Oversupply
7/14/2020 10:26	0:01	SSA2	0.01019	0.75100	Oversupply
7/14/2020 10:27	0:01	SSA3	0.02409	1.97000	Oversupply
7/14/2020 11:07	0:01	SSA3	0.00377	2.74400	Oversupply
7/14/2020 11:08	0:02	17-2	0.01271	0.75000	Oversupply
7/14/2020 11:17	0:01	SSA2	0.00604	2.42700	Oversupply
7/14/2020 11:18	0:05	17-2	0.03319	0.75000	Oversupply
7/14/2020 11:18	0:01	SSA3	0.00627	2.15700	Oversupply
7/14/2020 11:18	0:01	SSA3	0.00655	1.37000	Oversupply
7/14/2020 11:18	0:01	SSA2	0.00604	0.28000	Oversupply
7/14/2020 11:19	0:01	SSA3	0.00627	2.44400	Oversupply
7/14/2020 11:19	0:01	SSA2	0.00604	1.43600	Oversupply
7/14/2020 11:20	0:01	SSA3	0.00641	1.93800	Oversupply
7/14/2020 11:20	0:01	SSA2	0.00604	1.85300	Oversupply
7/14/2020 11:21	0:01	SSA3	0.00641	1.91100	Oversupply
7/14/2020 11:21	0:01	SSA2	0.00604	2.06900	Oversupply
7/14/2020 11:21	0:01	SSA3	0.00627	2.66200	Oversupply
7/14/2020 11:24	0:04	17-2	0.02032	0.42500	Oversupply
7/14/2020 11:24	0:01	SSA2	0.00604	1.19900	Oversupply
7/14/2020 11:24	0:01	SSA3	0.00641	1.89500	Oversupply
7/14/2020 11:24	0:01	SSA2	0.00604	0.56300	Oversupply
7/14/2020 11:24	0:01	SSA3	0.00641	1.58400	Oversupply
7/14/2020 11:25	0:01	SSA3	0.00641	0.56100	Oversupply
7/14/2020 11:25	0:01	SSA2	0.00604	0.28600	Oversupply
7/14/2020 11:45	0:01	SSA2	0.01295	2.79600	Oversupply
7/14/2020 11:45	0:01	SSA3	0.01264	1.90600	Oversupply
7/14/2020 11:46	0:09	17-2	0.05399	0.75000	Oversupply
7/14/2020 11:46	0:01	SSA3	0.01264	2.11100	Oversupply
7/14/2020 11:46	0:01	SSA2	0.01271	1.26600	Oversupply
7/14/2020 11:47	0:01	SSA3	0.01237	0.14700	Oversupply
7/14/2020 11:47	0:01	SSA2	0.01295	0.66300	Oversupply
7/14/2020 11:48	0:01	SSA3	0.01264	0.34400	Oversupply
7/14/2020 11:48	0:01	SSA2	0.01370	0.16800	Oversupply
7/14/2020 11:48	0:01	SSA3	0.01237	0.17100	Oversupply
7/14/2020 11:49	0:01	SSA2	0.01246	0.26200	Oversupply
7/14/2020 11:49	0:01	SSA3	0.01264	1.15600	Oversupply
7/14/2020 11:50	0:01	SSA2	0.01271	1.39100	Oversupply
7/14/2020 11:50	0:01	SSA3	0.01210	1.59500	Oversupply
7/14/2020 11:50	0:01	SSA2	0.01295	1.17500	Oversupply
7/14/2020 11:51	0:01	SSA3	0.01237	1.94200	Oversupply
7/14/2020 11:51	0:01	SSA2	0.01295	0.90800	Oversupply
7/14/2020 11:51	0:01	SSA3	0.01210	1.96900	Oversupply
7/14/2020 11:53	0:01	SSA3	0.01264	1.49800	Oversupply
7/14/2020 11:53	0:01	SSA2	0.01271	0.38200	Oversupply
7/14/2020 12:00	0:01	SSA2	0.01359	2.12500	Oversupply
7/14/2020 12:00	0:01	SSA3	0.01024	2.93300	Oversupply
7/14/2020 12:01	0:05	17-2	0.04720	0.75000	Oversupply
7/14/2020 12:01	0:01	SSA3	0.01046	2.30600	Oversupply
7/14/2020 12:01	0:01	SSA2	0.01307	2.13900	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/14/2020 12:02	0:01	SSA3	0.01002	1.71800	Oversupply
7/14/2020 12:02	0:01	SSA3	0.01046	2.64400	Oversupply
7/14/2020 12:02	0:01	SSA2	0.01359	1.20700	Oversupply
7/14/2020 12:03	0:01	SSA3	0.01002	1.10000	Oversupply
7/14/2020 12:03	0:01	SSA2	0.01359	1.02700	Oversupply
7/14/2020 12:04	0:01	SSA3	0.01068	2.01800	Oversupply
7/14/2020 12:04	0:01	SSA2	0.01359	0.52300	Oversupply
7/14/2020 12:06	0:01	SSA3	0.01002	0.68600	Oversupply
7/14/2020 12:09	0:01	SSA2	0.01359	1.43300	Oversupply
7/14/2020 12:09	0:19	17-2	0.11646	0.75000	Oversupply
7/14/2020 12:09	0:01	SSA3	0.01002	1.75700	Oversupply
7/14/2020 12:09	0:01	SSA2	0.01359	1.96100	Oversupply
7/14/2020 12:10	0:01	SSA3	0.01046	1.73000	Oversupply
7/14/2020 12:10	0:01	SSA2	0.01359	0.47600	Oversupply
7/14/2020 12:11	0:02	SSA3	0.03094	0.87100	Oversupply
7/14/2020 12:11	0:02	SSA2	0.02666	0.07700	Oversupply
7/14/2020 12:12	0:02	KWP11	0.03081	11.43557	Oversupply
7/14/2020 12:13	0:01	SSA2	0.01359	0.00200	Oversupply
7/14/2020 12:13	0:01	SSA3	0.01024	0.26200	Oversupply
7/14/2020 12:14	0:01	SSA2	0.01389	0.10200	Oversupply
7/14/2020 12:14	0:01	SSA3	0.01128	0.71100	Oversupply
7/14/2020 12:15	0:01	SSA2	0.02873	0.13900	Oversupply
7/14/2020 12:15	0:01	SSA3	0.02010	0.63000	Oversupply
7/14/2020 12:15	0:01	SSA3	0.02185	0.78400	Oversupply
7/14/2020 12:15	0:01	SSA2	0.02817	0.09900	Oversupply
7/14/2020 12:16	0:01	SSA3	0.02010	0.33200	Oversupply
7/14/2020 12:16	0:01	SSA2	0.02873	0.11800	Oversupply
7/14/2020 12:17	0:01	SSA3	0.02185	0.17500	Oversupply
7/14/2020 12:17	0:01	SSA2	0.02873	0.03700	Oversupply
7/14/2020 12:18	0:01	SSA3	0.02010	0.26000	Oversupply
7/14/2020 12:18	0:01	SSA2	0.02873	0.35600	Oversupply
7/14/2020 12:19	0:01	SSA3	0.02010	0.68900	Oversupply
7/14/2020 12:19	0:01	SSA2	0.02873	0.88800	Oversupply
7/14/2020 12:19	0:01	SSA3	0.02010	1.35500	Oversupply
7/14/2020 12:20	0:01	SSA2	0.02873	0.54400	Oversupply
7/14/2020 12:20	0:01	SSA3	0.02010	0.13700	Oversupply
7/14/2020 12:21	0:01	SSA2	0.02873	0.22300	Oversupply
7/14/2020 12:21	0:01	SSA3	0.02010	0.32600	Oversupply
7/14/2020 12:21	0:01	SSA2	0.02873	0.48800	Oversupply
7/14/2020 12:22	0:01	SSA3	0.02010	0.14900	Oversupply
7/14/2020 12:22	0:01	SSA2	0.02873	0.57200	Oversupply
7/14/2020 12:22	0:01	SSA3	0.02010	0.88700	Oversupply
7/14/2020 12:23	0:01	SSA3	0.02054	1.00800	Oversupply
7/14/2020 12:23	0:01	SSA2	0.02873	2.25600	Oversupply
7/14/2020 12:24	0:01	SSA3	0.02054	0.49900	Oversupply
7/14/2020 12:25	0:01	SSA3	0.02010	1.11400	Oversupply
7/14/2020 12:25	0:01	SSA2	0.02873	0.63600	Oversupply
7/14/2020 12:25	0:01	SSA3	0.02010	0.52400	Oversupply
7/14/2020 12:26	0:01	SSA2	0.02873	0.57600	Oversupply
7/14/2020 12:28	0:01	SSA2	0.02873	1.33400	Oversupply
7/14/2020 12:28	0:01	SSA3	0.02054	2.40800	Oversupply
7/14/2020 12:28	0:01	SSA2	0.02873	1.34100	Oversupply
7/14/2020 12:29	0:05	17-2	0.03550	0.75000	Oversupply
7/14/2020 12:29	0:01	SSA3	0.01966	0.98600	Oversupply
7/14/2020 12:29	0:01	SSA2	0.02067	0.18300	Oversupply
7/14/2020 12:29	0:01	SSA3	0.02088	1.03900	Oversupply
7/14/2020 12:30	0:01	SSA3	0.00779	0.49900	Oversupply
7/14/2020 12:30	0:01	SSA2	0.01929	0.64700	Oversupply
7/14/2020 12:31	0:01	SSA3	0.00779	0.30900	Oversupply
7/14/2020 12:31	0:01	SSA2	0.01855	1.11600	Oversupply
7/14/2020 12:32	0:01	SSA3	0.00779	0.44400	Oversupply
7/14/2020 12:32	0:01	SSA2	0.01929	0.56000	Oversupply
7/14/2020 12:32	0:01	SSA3	0.00779	0.41100	Oversupply
7/14/2020 12:36	0:01	SSA2	0.01929	3.20400	Oversupply
7/14/2020 12:37	0:01	SSA2	0.01929	1.18400	Oversupply
7/14/2020 12:37	0:01	SSA3	0.00796	1.00400	Oversupply
7/14/2020 12:38	0:15	17-2	0.13880	0.75000	Oversupply
7/14/2020 12:38	0:01	SSA3	0.00762	0.08400	Oversupply
7/14/2020 12:38	0:01	SSA2	0.01929	0.89500	Oversupply
7/14/2020 12:39	0:01	SSA3	0.00762	0.91900	Oversupply
7/14/2020 12:39	0:01	SSA2	0.01929	1.75000	Oversupply
7/14/2020 12:39	0:01	SSA3	0.00779	0.31100	Oversupply
7/14/2020 12:40	0:01	SSA2	0.01929	0.94700	Oversupply
7/14/2020 12:40	0:01	SSA3	0.00762	1.01200	Oversupply
7/14/2020 12:40	0:01	SSA2	0.01929	0.65900	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/14/2020 12:41	0:01	SSA3	0.00813	0.64100	Oversupply
7/14/2020 12:41	0:01	SSA2	0.01929	1.47200	Oversupply
7/14/2020 12:42	0:01	SSA3	0.00762	1.61600	Oversupply
7/14/2020 12:42	0:01	SSA2	0.01929	0.60300	Oversupply
7/14/2020 12:42	0:01	SSA3	0.00846	0.64800	Oversupply
7/14/2020 12:43	0:01	SSA2	0.01929	1.48900	Oversupply
7/14/2020 12:43	0:01	SSA3	0.00779	1.15200	Oversupply
7/14/2020 12:44	0:01	SSA2	0.01608	2.94200	Oversupply
7/14/2020 12:44	0:01	SSA3	0.00322	1.48300	Oversupply
7/14/2020 12:45	0:01	SSA3	0.00952	0.20600	Oversupply
7/14/2020 12:46	0:01	SSA3	0.00932	0.69600	Oversupply
7/14/2020 12:46	0:02	SSA2	0.02215	0.99400	Oversupply
7/14/2020 12:46	0:01	SSA3	0.00893	2.08800	Oversupply
7/14/2020 12:47	0:01	SSA3	0.00893	1.59900	Oversupply
7/14/2020 12:48	0:01	SSA2	0.01118	2.76000	Oversupply
7/14/2020 12:49	0:01	SSA3	0.00913	2.21600	Oversupply
7/14/2020 12:49	0:01	SSA2	0.01118	2.06800	Oversupply
7/14/2020 12:49	0:01	SSA3	0.00913	1.93600	Oversupply
7/14/2020 12:51	0:01	SSA3	0.00913	2.41500	Oversupply
7/14/2020 23:38	0:05	KWPPI	0.03514	17.71371	Oversupply
7/14/2020 23:51	0:04	KWPPI	0.01941	17.71371	Oversupply
7/15/2020 0:02	0:01	KWPPI	0.00079	17.68377	Oversupply
7/15/2020 0:18	0:38	KWPPI	4.44588	17.68476	Oversupply
7/15/2020 1:27	0:25	KWPPI	1.64195	17.71071	Oversupply
7/15/2020 1:55	0:56	KWPPI	3.97233	17.71371	Oversupply
7/15/2020 3:23	0:01	KWPPI	0.00149	17.52809	Oversupply
7/15/2020 3:25	0:16	KWPPI	0.59073	17.63786	Oversupply
7/15/2020 3:46	0:01	KWPPI	0.00604	17.03809	Oversupply
7/15/2020 4:54	0:08	KWPPI	0.15946	17.58297	Oversupply
7/15/2020 5:04	0:01	KWPPI	0.00920	16.75767	Oversupply
7/15/2020 5:06	0:22	KWPPI	1.43404	17.71171	Oversupply
7/15/2020 6:39	0:01	SSA2	0.00004	0.18300	Oversupply
7/15/2020 8:36	0:01	SSA3	0.00544	1.41100	Oversupply
7/15/2020 8:36	0:01	SSA2	0.00221	0.75300	Oversupply
7/15/2020 8:37	0:02	17-2	0.00458	0.16100	Oversupply
7/15/2020 8:37	0:01	SSA3	0.00556	0.46200	Oversupply
7/15/2020 8:37	0:01	SSA3	0.00532	0.38100	Oversupply
7/15/2020 8:40	0:01	SSA3	0.00556	1.58900	Oversupply
7/15/2020 8:40	0:01	SSA2	0.00221	0.74300	Oversupply
7/15/2020 8:40	0:01	SSA3	0.00544	1.78900	Oversupply
7/15/2020 8:41	0:21	17-2	0.05105	0.42400	Oversupply
7/15/2020 8:41	0:01	SSA2	0.00216	0.05900	Oversupply
7/15/2020 8:41	0:01	SSA3	0.00568	0.05900	Oversupply
7/15/2020 8:42	0:01	SSA2	0.00221	0.60800	Oversupply
7/15/2020 8:42	0:01	SSA3	0.00556	0.45800	Oversupply
7/15/2020 8:42	0:01	SSA2	0.00216	0.19300	Oversupply
7/15/2020 8:43	0:01	SSA3	0.00544	0.86300	Oversupply
7/15/2020 8:43	0:01	SSA2	0.00225	0.03700	Oversupply
7/15/2020 8:44	0:01	KWPPI	0.00136	13.43647	Oversupply
7/15/2020 8:44	0:01	SSA3	0.00532	0.16100	Oversupply
7/15/2020 8:44	0:13	SSA2	0.14478	0.02900	Oversupply
7/15/2020 8:44	0:01	SSA3	0.01383	0.31000	Oversupply
7/15/2020 8:45	0:12	SSA3	0.29816	0.20100	Oversupply
7/15/2020 8:46	0:12	KWPPI	0.62990	17.23668	Oversupply
7/15/2020 8:57	0:01	SSA2	0.00990	0.01000	Oversupply
7/15/2020 8:57	0:01	SSA3	0.01813	0.19400	Oversupply
7/15/2020 8:58	0:01	SSA3	0.01853	0.80900	Oversupply
7/15/2020 8:59	0:01	SSA2	0.00380	0.91500	Oversupply
7/15/2020 8:59	0:01	SSA3	0.01485	0.85300	Oversupply
7/15/2020 9:00	0:01	SSA2	-0.00009	0.17100	Oversupply
7/15/2020 9:49	0:01	SSA2	0.01200	1.11600	Oversupply
7/15/2020 9:49	0:01	SSA3	0.01608	1.28400	Oversupply
7/15/2020 9:50	0:33	17-2	0.24989	0.75000	Oversupply
7/15/2020 9:50	0:29	SSA3	0.72258	0.08800	Oversupply
7/15/2020 9:50	0:29	SSA2	0.44697	0.09100	Oversupply
7/15/2020 9:51	0:30	KWPPI	3.28407	18.49311	Oversupply
7/15/2020 10:19	0:01	SSA3	0.01296	-0.00100	Oversupply
7/15/2020 10:19	0:01	SSA2	0.01220	0.07900	Oversupply
7/15/2020 10:20	0:01	SSA3	0.01296	0.19900	Oversupply
7/15/2020 10:20	0:01	SSA2	0.01220	0.56400	Oversupply
7/15/2020 10:21	0:01	SSA3	0.01296	0.60500	Oversupply
7/15/2020 10:27	0:01	SSA2	0.01220	1.56800	Oversupply
7/15/2020 10:27	0:01	SSA3	0.01296	2.68500	Oversupply
7/15/2020 10:28	0:03	17-2	0.03544	0.75000	Oversupply
7/15/2020 10:28	0:01	SSA2	0.01220	0.07800	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/15/2020 10:28	0:01	SSA3	0.01267	2.07500	Oversupply
7/15/2020 10:29	0:01	SSA2	0.01026	0.53200	Oversupply
7/15/2020 10:29	0:01	SSA3	0.01297	1.55700	Oversupply
7/15/2020 10:47	0:07	17-2	0.06131	0.75000	Oversupply
7/15/2020 10:47	0:01	SSA3	0.00845	1.12000	Oversupply
7/15/2020 10:47	0:01	SSA2	0.01111	1.61600	Oversupply
7/15/2020 10:47	0:01	SSA3	0.00882	0.12100	Oversupply
7/15/2020 10:48	0:02	KWPll	0.00117	16.94827	Oversupply
7/15/2020 10:48	0:01	SSA2	0.01111	0.03500	Oversupply
7/15/2020 10:48	0:01	SSA3	0.00863	0.03000	Oversupply
7/15/2020 10:49	0:01	SSA2	0.01111	-0.00300	Oversupply
7/15/2020 10:49	0:01	SSA3	0.00882	0.12300	Oversupply
7/15/2020 10:50	0:01	SSA2	0.01111	-0.00200	Oversupply
7/15/2020 10:50	0:01	SSA3	0.00863	0.59400	Oversupply
7/15/2020 10:51	0:01	SSA2	0.01111	-0.00300	Oversupply
7/15/2020 10:51	0:01	SSA3	0.00863	0.41200	Oversupply
7/15/2020 10:51	0:01	SSA2	0.01111	-0.00300	Oversupply
7/15/2020 10:54	0:01	SSA2	0.01111	0.07200	Oversupply
7/15/2020 10:54	0:01	SSA3	0.00845	0.83700	Oversupply
7/15/2020 10:55	0:14	17-2	0.10348	0.75000	Oversupply
7/15/2020 10:55	0:01	SSA2	0.01111	0.31500	Oversupply
7/15/2020 10:55	0:01	SSA3	0.00882	0.93800	Oversupply
7/15/2020 10:56	0:01	SSA2	0.01111	0.47000	Oversupply
7/15/2020 10:56	0:01	SSA3	0.00863	0.21500	Oversupply
7/15/2020 10:57	0:01	SSA2	0.01111	0.22500	Oversupply
7/15/2020 10:57	0:01	SSA3	0.00863	0.52700	Oversupply
7/15/2020 10:57	0:01	SSA2	0.01111	0.09500	Oversupply
7/15/2020 10:57	0:01	SSA3	0.00863	0.00600	Oversupply
7/15/2020 10:58	0:01	SSA3	0.00863	0.48600	Oversupply
7/15/2020 10:58	0:01	SSA2	0.01111	0.69300	Oversupply
7/15/2020 10:59	0:09	KWPll	0.29388	17.97018	Oversupply
7/15/2020 10:59	0:08	SSA3	0.10195	0.19200	Oversupply
7/15/2020 10:59	0:08	SSA2	0.08187	0.07800	Oversupply
7/15/2020 11:07	0:01	SSA3	0.01047	0.04700	Oversupply
7/15/2020 11:07	0:01	SSA2	0.00903	0.15000	Oversupply
7/15/2020 11:29	0:01	SSA3	-0.00087	2.46200	Oversupply
7/15/2020 11:30	0:01	17-2	0.00571	0.66700	Oversupply
7/15/2020 11:36	0:01	SSA3	0.00161	1.97800	Oversupply
7/15/2020 11:37	0:01	17-2	0.00068	0.44100	Oversupply
7/15/2020 12:45	0:01	17-2	0.00028	0.46600	Oversupply
7/15/2020 13:13	0:01	SSA3	-0.00027	2.44800	Oversupply
7/15/2020 13:14	0:01	17-2	0.00637	0.43200	Oversupply
7/16/2020 10:57	0:01	SSA2	0.00227	2.74800	Oversupply
7/16/2020 10:57	0:01	SSA3	0.00167	2.39800	Oversupply
7/16/2020 10:58	0:01	SSA2	0.00227	2.76200	Oversupply
7/16/2020 10:58	0:01	SSA3	0.00167	1.71900	Oversupply
7/16/2020 10:58	0:01	SSA2	0.00227	0.29200	Oversupply
7/16/2020 10:59	0:03	17-2	0.02452	0.75000	Oversupply
7/16/2020 10:59	0:01	SSA3	0.00130	1.47800	Oversupply
7/16/2020 10:59	0:01	SSA2	0.00181	0.24300	Oversupply
7/16/2020 11:00	0:01	SSA3	0.00151	1.73900	Oversupply
7/16/2020 11:00	0:01	SSA2	0.00295	1.53400	Oversupply
7/16/2020 11:00	0:01	SSA3	0.00151	2.44900	Oversupply
7/16/2020 13:27	0:01	KWPll	0.00012	0.00699	Oversupply
7/18/2020 7:48	0:01	SSA2	0.00895	0.49300	Oversupply
7/18/2020 7:48	0:28	SSA3	0.42660	0.19600	Oversupply
7/18/2020 7:49	0:28	KWPll	1.65016	7.01563	Oversupply
7/18/2020 7:49	9:40	17-2	5.32894	0.75000	Oversupply
7/18/2020 7:49	0:28	SSA2	0.38359	0.01200	Oversupply
7/18/2020 8:16	0:01	SSA3	0.01271	0.25200	Oversupply
7/18/2020 8:16	0:01	SSA2	0.01129	-0.00300	Oversupply
7/18/2020 8:17	0:01	SSA3	0.01271	0.62600	Oversupply
7/18/2020 8:17	0:01	SSA2	0.01129	-0.00300	Oversupply
7/18/2020 8:18	0:01	SSA3	0.01243	0.57900	Oversupply
7/18/2020 8:19	0:01	SSA3	0.01271	0.50000	Oversupply
7/18/2020 8:19	0:01	SSA2	0.01129	0.15000	Oversupply
7/18/2020 8:20	0:01	SSA2	0.01129	0.35700	Oversupply
7/18/2020 8:20	0:01	SSA3	0.01243	0.89900	Oversupply
7/18/2020 8:21	0:01	SSA2	0.01129	0.64000	Oversupply
7/18/2020 8:21	0:01	SSA3	0.01299	1.30600	Oversupply
7/18/2020 8:22	0:01	SSA2	0.01129	0.76600	Oversupply
7/18/2020 8:22	0:46	SSA3	1.14026	0.22400	Oversupply
7/18/2020 8:23	0:46	SSA2	0.74134	0.01400	Oversupply
7/18/2020 8:23	0:46	KWPll	4.65858	10.43462	Oversupply
7/18/2020 8:57	0:06	AWE	0.07761	21.00000	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/18/2020 9:08	2:50	SSA3	6.92656	0.02300	Oversupply
7/18/2020 9:08	2:50	SSA2	6.23809	0.22700	Oversupply
7/18/2020 9:10	2:50	KWP11	20.05578	14.02726	Oversupply
7/18/2020 9:55	0:01	AWE	0.00357	20.90000	Oversupply
7/18/2020 9:59	0:24	AWE	0.63112	21.00000	Oversupply
7/18/2020 10:25	0:01	AWE	0.00091	21.00000	Oversupply
7/18/2020 10:27	0:18	AWE	0.38541	21.00000	Oversupply
7/18/2020 10:49	1:05	AWE	3.58932	21.00000	Oversupply
7/18/2020 11:59	0:01	SSA3	0.03465	-0.00200	Oversupply
7/18/2020 11:59	0:01	SSA2	0.03532	-0.00300	Oversupply
7/18/2020 11:59	0:01	SSA3	0.03491	0.36800	Oversupply
7/18/2020 12:00	0:01	SSA2	0.04082	0.16400	Oversupply
7/18/2020 12:00	0:01	SSA3	0.03387	0.33900	Oversupply
7/18/2020 12:01	0:01	SSA2	0.04082	0.38300	Oversupply
7/18/2020 12:01	4:05	SSA3	10.05311	0.63100	Oversupply
7/18/2020 12:01	4:05	SSA2	11.09135	0.03600	Oversupply
7/18/2020 12:02	4:05	KWP11	56.98070	17.70772	Oversupply
7/18/2020 12:15	3:41	AWE	22.52861	21.00000	Oversupply
7/18/2020 16:00	0:02	AWE	0.00465	21.00000	Oversupply
7/18/2020 16:06	0:01	SSA3	0.02150	-0.00200	Oversupply
7/18/2020 16:06	0:01	SSA2	0.03061	0.10100	Oversupply
7/18/2020 16:06	0:01	SSA3	0.02197	-0.00200	Oversupply
7/18/2020 16:07	0:01	SSA2	0.03061	0.04800	Oversupply
7/18/2020 16:07	0:01	SSA3	0.02104	0.08500	Oversupply
7/18/2020 16:08	0:23	SSA3	0.52286	0.00200	Oversupply
7/18/2020 16:08	0:23	SSA2	0.79872	0.02800	Oversupply
7/18/2020 16:09	0:23	KWP11	2.74790	16.21677	Oversupply
7/18/2020 16:31	0:01	SSA2	0.01747	0.00100	Oversupply
7/18/2020 16:31	0:01	SSA3	0.00813	0.07200	Oversupply
7/18/2020 16:31	0:02	SSA2	0.03493	0.07400	Oversupply
7/18/2020 16:32	0:01	SSA3	0.00779	0.07500	Oversupply
7/18/2020 16:33	0:01	SSA3	0.00762	0.00300	Oversupply
7/18/2020 16:33	0:01	SSA2	0.01747	0.22900	Oversupply
7/18/2020 16:33	0:01	SSA3	0.00779	0.02300	Oversupply
7/18/2020 16:34	0:01	SSA2	0.01747	0.43900	Oversupply
7/18/2020 16:34	0:01	SSA3	0.00796	0.20200	Oversupply
7/18/2020 16:35	0:03	SSA2	0.06953	0.34400	Oversupply
7/18/2020 16:35	0:03	SSA3	0.03115	0.00400	Oversupply
7/18/2020 16:36	0:03	KWP11	0.02619	17.71371	Oversupply
7/18/2020 16:38	0:01	SSA3	0.00796	-0.00400	Oversupply
7/18/2020 16:38	0:01	SSA2	0.01747	-0.00300	Oversupply
7/18/2020 16:39	0:01	SSA3	0.00779	0.04300	Oversupply
7/18/2020 16:39	0:01	SSA2	0.01747	-0.00300	Oversupply
7/18/2020 16:39	0:01	SSA3	0.00779	0.01500	Oversupply
7/18/2020 16:40	0:01	SSA2	0.01747	-0.00300	Oversupply
7/18/2020 16:40	0:01	SSA3	0.00796	0.10500	Oversupply
7/18/2020 16:41	0:01	SSA2	0.01713	-0.00300	Oversupply
7/18/2020 16:41	0:01	SSA3	0.00779	0.18800	Oversupply
7/18/2020 16:42	0:01	SSA2	0.01747	0.09000	Oversupply
7/18/2020 16:42	0:01	SSA3	0.00796	0.34600	Oversupply
7/18/2020 16:43	0:01	SSA3	0.00796	0.20900	Oversupply
7/18/2020 16:43	0:01	SSA2	0.01747	0.41200	Oversupply
7/18/2020 16:43	0:01	SSA3	0.00762	0.35900	Oversupply
7/18/2020 16:43	0:01	SSA2	0.01747	0.66700	Oversupply
7/18/2020 16:44	0:01	SSA3	0.00828	0.15400	Oversupply
7/18/2020 16:44	0:01	SSA2	0.01887	0.02900	Oversupply
7/18/2020 16:45	0:02	SSA3	0.03498	0.01000	Oversupply
7/18/2020 16:45	0:02	SSA2	0.03112	0.02300	Oversupply
7/18/2020 16:47	0:03	KWP11	0.02181	17.71371	Oversupply
7/18/2020 16:47	0:35	SSA2	0.71641	0.00900	Oversupply
7/18/2020 16:47	0:35	SSA3	0.56354	0.00100	Oversupply
7/18/2020 16:51	0:32	KWP11	1.16511	17.71371	Oversupply
7/18/2020 17:22	0:01	SSA2	0.01584	-0.00500	Oversupply
7/18/2020 17:22	0:01	SSA3	0.01060	0.08200	Oversupply
7/18/2020 17:23	0:01	SSA2	0.01584	0.09800	Oversupply
7/18/2020 17:23	0:01	SSA3	0.01083	0.40200	Oversupply
7/18/2020 17:24	0:01	SSA2	0.01584	0.31100	Oversupply
7/18/2020 17:24	0:01	SSA3	0.01016	0.56000	Oversupply
7/18/2020 17:25	0:01	SSA2	0.01584	0.53800	Oversupply
7/18/2020 17:25	0:01	SSA3	0.01038	0.32900	Oversupply
7/18/2020 17:26	0:01	SSA3	0.01016	0.64400	Oversupply
7/18/2020 17:26	0:01	SSA2	0.01584	0.88100	Oversupply
7/18/2020 17:26	0:01	SSA3	0.00994	1.01500	Oversupply
7/18/2020 22:00	0:25	KWP11	2.73096	17.71371	Oversupply
7/18/2020 22:41	6:37	KWP11	58.75656	17.71371	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/19/2020 5:51	0:01	KWP	0.00087	16.61596	Oversupply
7/19/2020 5:54	9:11	KWP	136.46622	17.71371	Oversupply
7/19/2020 6:06	8:58	SSA3	17.89797	0.00400	Oversupply
7/19/2020 6:08	8:56	SSA2	15.78311	-0.00200	Oversupply
7/19/2020 6:35	9:55	17-2	3.65274	0.75000	Oversupply
7/19/2020 8:21	6:38	AWE	77.71480	21.00000	Oversupply
7/19/2020 11:51	0:02	5A	Data is not available	Data is not available	Oversupply
7/19/2020 11:51	0:02	SAG	Data is not available	Data is not available	Oversupply
7/19/2020 11:54	0:01	KWP	0.00264	24.07912	Oversupply
7/19/2020 11:58	0:01	5A	Data is not available	Data is not available	Oversupply
7/19/2020 11:58	0:01	SAG	Data is not available	Data is not available	Oversupply
7/19/2020 12:12	0:03	5A	Data is not available	Data is not available	Oversupply
7/19/2020 12:12	0:03	SAG	Data is not available	Data is not available	Oversupply
7/19/2020 12:13	0:01	KWP	0.00088	24.23736	Oversupply
7/19/2020 12:30	0:01	5A	Data is not available	Data is not available	Oversupply
7/19/2020 12:30	0:01	SAG	Data is not available	Data is not available	Oversupply
7/19/2020 12:31	0:01	KWP	0.00791	24.34286	Oversupply
7/19/2020 12:32	0:01	5A	Data is not available	Data is not available	Oversupply
7/19/2020 12:32	0:01	SAG	Data is not available	Data is not available	Oversupply
7/19/2020 12:44	0:02	5A	Data is not available	Data is not available	Oversupply
7/19/2020 12:44	0:02	SAG	Data is not available	Data is not available	Oversupply
7/19/2020 12:51	0:03	5A	Data is not available	Data is not available	Oversupply
7/19/2020 12:51	0:03	SAG	Data is not available	Data is not available	Oversupply
7/19/2020 13:02	0:03	5A	Data is not available	Data is not available	Oversupply
7/19/2020 13:02	0:03	SAG	Data is not available	Data is not available	Oversupply
7/19/2020 13:06	0:01	5A	Data is not available	Data is not available	Oversupply
7/19/2020 13:06	0:01	SAG	Data is not available	Data is not available	Oversupply
7/19/2020 15:04	0:01	SSA2	0.03856	-0.00100	Oversupply
7/19/2020 15:05	0:01	SSA3	0.03117	0.26200	Oversupply
7/19/2020 15:05	0:01	SSA2	0.03856	0.43900	Oversupply
7/19/2020 15:06	0:01	SSA3	0.02990	0.41600	Oversupply
7/19/2020 15:06	1:10	SSA2	2.89144	0.80400	Oversupply
7/19/2020 15:06	1:09	SSA3	2.30639	0.38600	Oversupply
7/19/2020 15:07	1:09	KWP	8.61690	19.21064	Oversupply
7/19/2020 16:16	0:01	SSA3	0.00969	0.23100	Oversupply
7/19/2020 16:16	0:01	SSA2	0.01817	0.14600	Oversupply
7/19/2020 16:17	0:01	SSA3	0.00948	0.38700	Oversupply
7/19/2020 16:17	0:01	SSA2	0.01817	0.48500	Oversupply
7/19/2020 16:17	0:01	SSA3	0.00948	0.55600	Oversupply
7/19/2020 16:18	0:01	SSA2	0.01817	0.64400	Oversupply
7/19/2020 16:18	0:01	SSA3	0.00928	0.64000	Oversupply
7/19/2020 16:18	0:01	SSA2	0.01817	0.78500	Oversupply
7/19/2020 16:19	0:01	SSA3	0.00928	0.86900	Oversupply
7/19/2020 16:19	0:01	SSA2	0.01817	1.18500	Oversupply
7/19/2020 16:20	0:01	SSA3	0.00948	0.85600	Oversupply
7/19/2020 16:20	0:01	SSA2	0.01817	1.09800	Oversupply
7/19/2020 16:20	0:01	SSA3	0.00928	0.67300	Oversupply
7/19/2020 16:21	0:01	SSA2	0.01747	1.03600	Oversupply
7/19/2020 16:21	0:01	SSA3	0.00969	0.77400	Oversupply
7/19/2020 16:22	0:01	SSA3	0.00948	0.65500	Oversupply
7/19/2020 16:22	0:01	SSA2	0.01817	1.00200	Oversupply
7/19/2020 16:23	0:01	SSA3	0.00969	0.89000	Oversupply
7/19/2020 16:23	0:01	SSA2	0.01817	1.02200	Oversupply
7/19/2020 16:23	0:01	SSA3	0.00948	0.80600	Oversupply
7/19/2020 16:24	0:01	SSA2	0.01817	0.89900	Oversupply
7/19/2020 16:24	0:01	SSA3	0.00948	0.79900	Oversupply
7/19/2020 16:24	0:01	SSA2	0.01817	1.11700	Oversupply
7/19/2020 16:25	0:01	SSA3	0.00928	1.11000	Oversupply
7/19/2020 16:25	0:01	SSA2	0.01817	1.49600	Oversupply
7/19/2020 16:26	0:01	SSA3	0.00948	1.28400	Oversupply
7/19/2020 16:26	0:01	SSA3	0.00948	1.36900	Oversupply
7/19/2020 21:18	4:00	KWP	30.43518	19.21064	Oversupply
7/20/2020 1:19	0:19	KWP	0.74603	19.21064	Oversupply
7/20/2020 1:52	3:10	KWP	36.05722	19.21064	Oversupply
7/20/2020 3:43	0:06	AWE	0.05078	21.00000	Oversupply
7/20/2020 3:52	0:05	AWE	0.04216	21.00000	Oversupply
7/20/2020 5:36	0:29	KWP	2.40124	17.71371	Oversupply
7/20/2020 6:30	0:11	SSA3	0.02351	0.07000	Oversupply
7/20/2020 6:30	0:10	SSA2	0.01185	0.05400	Oversupply
7/20/2020 6:32	0:10	17-2	0.00457	0.03600	Oversupply
7/20/2020 6:33	0:08	KWP	0.33238	17.71371	Oversupply
7/20/2020 6:51	0:01	SSA2	0.00115	0.03800	Oversupply
7/20/2020 6:51	0:22	SSA3	0.08060	0.24500	Oversupply
7/20/2020 6:51	0:22	SSA2	0.05097	0.01700	Oversupply
7/20/2020 6:52	0:23	17-2	0.02131	0.10000	Oversupply



Maui Curtailment Report

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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/20/2020 6:53	0:21	KWPPII	1.27711	19.21064	Oversupply
7/20/2020 7:13	0:01	SSA3	0.00287	0.02400	Oversupply
7/20/2020 7:13	0:01	SSA2	0.00261	0.01400	Oversupply
7/20/2020 7:15	0:02	SSA3	0.00853	0.10600	Oversupply
7/20/2020 7:15	0:01	SSA2	0.00199	0.16500	Oversupply
7/20/2020 7:16	0:05	17-2	0.00540	0.08000	Oversupply
7/20/2020 7:16	0:04	SSA2	0.01006	0.05500	Oversupply
7/20/2020 7:16	0:04	SSA3	0.02169	0.01000	Oversupply
7/20/2020 7:18	0:03	KWPPII	0.05775	19.21064	Oversupply
7/20/2020 7:25	0:04	SSA3	0.02141	0.52300	Oversupply
7/20/2020 7:25	0:05	SSA2	0.01258	0.04500	Oversupply
7/20/2020 7:26	0:06	17-2	0.00620	0.11200	Oversupply
7/20/2020 7:27	0:04	KWPPII	0.01871	19.21064	Oversupply
7/20/2020 7:28	0:01	SSA3	0.00417	-0.00200	Oversupply
7/20/2020 7:29	0:01	SSA3	0.00467	-0.00200	Oversupply
7/20/2020 7:30	0:01	SSA3	0.00904	-0.00200	Oversupply
7/20/2020 7:32	0:01	SSA3	0.00885	0.12800	Oversupply
7/20/2020 7:32	0:01	SSA2	0.00493	0.07800	Oversupply
7/20/2020 7:32	0:01	SSA3	0.00942	0.41900	Oversupply
7/20/2020 7:33	0:35	17-2	0.09103	0.38700	Oversupply
7/20/2020 7:33	0:27	SSA2	0.17897	0.03900	Oversupply
7/20/2020 7:33	0:28	SSA3	0.37322	0.02400	Oversupply
7/20/2020 7:35	0:25	KWPPII	1.09517	19.21064	Oversupply
7/20/2020 8:00	0:01	SSA2	0.00676	0.03700	Oversupply
7/20/2020 8:01	0:01	SSA2	0.00689	0.01000	Oversupply
7/20/2020 8:01	0:01	SSA3	0.00725	-0.00200	Oversupply
7/20/2020 8:01	0:01	SSA2	0.00689	0.19100	Oversupply
7/20/2020 8:02	0:01	SSA3	0.00725	-0.00200	Oversupply
7/20/2020 8:02	0:01	SSA2	0.00689	0.16300	Oversupply
7/20/2020 8:02	0:01	SSA3	0.00709	0.08600	Oversupply
7/20/2020 8:03	0:01	SSA2	0.00689	0.00800	Oversupply
7/20/2020 8:03	0:01	SSA3	0.00725	0.02500	Oversupply
7/20/2020 8:04	0:01	SSA3	0.00709	0.17000	Oversupply
7/20/2020 8:04	0:01	SSA2	0.00689	0.25700	Oversupply
7/20/2020 8:05	0:01	SSA3	0.00709	0.27700	Oversupply
7/20/2020 8:05	0:01	SSA2	0.00689	0.19200	Oversupply
7/20/2020 8:05	0:01	SSA3	0.00725	0.52100	Oversupply
7/20/2020 8:06	0:01	SSA2	0.00689	0.41600	Oversupply
7/20/2020 8:12	0:01	SSA3	0.00694	1.28400	Oversupply
7/20/2020 8:12	0:01	SSA2	0.00689	0.84700	Oversupply
7/20/2020 8:12	8:19	SSA3	19.40331	1.18000	Oversupply
7/20/2020 8:13	8:23	17-2	5.32963	0.75000	Oversupply
7/20/2020 8:13	8:19	SSA2	14.98277	0.81200	Oversupply
7/20/2020 8:15	8:17	KWPPII	108.93018	19.21064	Oversupply
7/20/2020 9:00	0:03	AWE	0.02813	21.00000	Oversupply
7/20/2020 9:13	0:17	AWE	0.71305	20.50000	Oversupply
7/20/2020 9:31	2:05	AWE	12.76706	21.00000	Oversupply
7/20/2020 14:25	0:01	AWE	0.00625	14.20000	Oversupply
7/20/2020 14:46	0:01	AWE	0.01772	15.30000	Oversupply
7/20/2020 14:51	0:09	AWE	0.45604	17.20000	Oversupply
7/20/2020 15:05	0:02	AWE	0.02566	16.70000	Oversupply
7/20/2020 16:31	0:01	SSA3	0.00790	-0.00300	Oversupply
7/20/2020 16:31	0:01	SSA2	0.00394	0.06200	Oversupply
7/20/2020 16:32	0:01	SSA3	0.00773	-0.00300	Oversupply
7/20/2020 16:32	0:01	SSA2	0.00394	0.13100	Oversupply
7/20/2020 16:33	0:01	SSA3	0.00790	0.00700	Oversupply
7/20/2020 16:33	0:01	SSA2	0.00394	0.26600	Oversupply
7/21/2020 10:14	0:18	KWPPII	0.39225	2.11766	Facility Requested
7/22/2020 9:43	0:01	17-2	0.00290	0.74600	Oversupply
7/22/2020 9:45	0:02	17-2	0.00449	0.74600	Oversupply
7/22/2020 9:48	0:02	17-2	0.00537	0.74600	Oversupply
7/22/2020 10:28	0:04	17-2	0.02371	0.75000	Oversupply
7/22/2020 10:28	0:01	SSA3	0.00055	2.53400	Oversupply
7/22/2020 10:32	0:01	SSA3	0.00522	2.56700	Oversupply
7/22/2020 10:33	0:01	17-2	0.00132	0.75000	Oversupply
7/22/2020 10:35	0:26	17-2	0.23915	0.75000	Oversupply
7/22/2020 10:35	0:01	SSA3	0.00522	2.59100	Oversupply
7/22/2020 10:35	0:01	SSA2	0.00034	0.60200	Oversupply
7/22/2020 10:36	0:01	SSA3	0.00534	2.48600	Oversupply
7/22/2020 10:37	0:01	SSA3	0.00534	0.06500	Oversupply
7/22/2020 10:37	0:01	SSA2	0.00034	0.47700	Oversupply
7/22/2020 10:37	0:01	SSA3	0.00534	0.80500	Oversupply
7/22/2020 10:40	0:01	SSA2	0.00034	0.70000	Oversupply
7/22/2020 10:40	0:01	SSA3	0.00546	2.60100	Oversupply
7/22/2020 10:41	0:01	SSA3	0.00534	2.23100	Oversupply





**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/22/2020 10:41	0:01	SSA2	0.00034	0.64300	Oversupply
7/22/2020 10:42	0:01	SSA3	0.00546	2.60000	Oversupply
7/22/2020 10:42	0:01	SSA2	0.00034	0.62800	Oversupply
7/22/2020 10:43	0:01	SSA3	0.00522	2.00200	Oversupply
7/22/2020 10:43	0:01	SSA2	0.00034	0.61700	Oversupply
7/22/2020 10:44	0:01	SSA2	0.00019	0.62700	Oversupply
7/22/2020 10:45	0:01	SSA2	0.00135	0.80500	Oversupply
7/22/2020 10:45	0:01	SSA3	0.00774	2.60900	Oversupply
7/22/2020 10:46	0:01	SSA3	0.00774	2.04300	Oversupply
7/22/2020 10:46	0:01	SSA2	0.00135	0.75800	Oversupply
7/22/2020 10:46	0:01	SSA3	0.00791	0.89400	Oversupply
7/22/2020 10:47	0:01	SSA3	0.00791	1.92200	Oversupply
7/22/2020 10:47	0:01	SSA2	0.00135	0.38000	Oversupply
7/22/2020 10:49	0:01	SSA3	0.00774	2.64100	Oversupply
7/22/2020 10:49	0:01	SSA2	0.00135	0.75100	Oversupply
7/22/2020 10:50	0:01	SSA3	0.00791	0.61800	Oversupply
7/22/2020 10:50	0:01	SSA2	0.00135	0.68900	Oversupply
7/22/2020 10:50	0:01	SSA3	0.00791	0.42000	Oversupply
7/22/2020 10:51	0:01	SSA2	0.00135	0.60300	Oversupply
7/22/2020 10:51	0:01	SSA3	0.00791	1.57600	Oversupply
7/22/2020 10:52	0:01	SSA3	0.00791	2.51200	Oversupply
7/22/2020 10:52	0:01	SSA2	0.00135	0.49600	Oversupply
7/22/2020 10:53	0:01	SSA3	0.00808	2.34400	Oversupply
7/22/2020 10:55	0:01	SSA3	0.00774	2.68900	Oversupply
7/22/2020 10:55	0:01	SSA2	0.00132	0.62100	Oversupply
7/22/2020 10:57	0:01	SSA2	0.00135	0.68600	Oversupply
7/22/2020 10:57	0:01	SSA3	0.00791	2.71400	Oversupply
7/22/2020 11:02	0:01	17-2	0.00069	0.35100	Oversupply
7/22/2020 11:06	0:03	17-2	0.00890	0.75000	Oversupply
7/22/2020 11:10	0:01	17-2	0.00340	0.74400	Oversupply
7/22/2020 11:14	0:01	SSA3	0.00065	2.78500	Oversupply
7/22/2020 11:15	0:01	SSA2	-0.00136	2.87700	Oversupply
7/22/2020 11:16	0:01	17-2	0.00478	0.31000	Oversupply
7/22/2020 11:21	0:01	SSA3	0.00059	2.90400	Oversupply
7/22/2020 11:22	0:01	17-2	0.00004	0.26800	Oversupply
7/22/2020 11:37	0:01	SSA3	0.00088	2.27500	Oversupply
7/22/2020 11:37	0:01	SSA2	-0.00085	2.29700	Oversupply
7/22/2020 11:37	0:01	SSA3	0.00086	1.45300	Oversupply
7/22/2020 11:38	0:01	17-2	0.00323	0.22400	Oversupply
7/23/2020 8:30	7:33	17-2	3.60937	0.75000	Oversupply
7/23/2020 8:30	0:01	SSA3	0.01624	1.45600	Oversupply
7/23/2020 8:30	0:01	SSA2	0.01535	1.18400	Oversupply
7/23/2020 8:31	0:01	SSA3	0.01589	0.19200	Oversupply
7/23/2020 8:31	0:01	SSA2	0.01535	0.04300	Oversupply
7/23/2020 8:31	0:01	SSA3	0.01554	0.62400	Oversupply
7/23/2020 8:32	0:01	SSA2	0.01535	0.77800	Oversupply
7/23/2020 8:32	0:01	SSA3	0.01589	0.98600	Oversupply
7/23/2020 8:33	0:29	SSA2	0.63510	0.27700	Oversupply
7/23/2020 8:33	0:03	SSA3	0.06425	0.30000	Oversupply
7/23/2020 8:34	0:29	KWP11	0.78244	8.62333	Oversupply
7/23/2020 8:36	0:01	SSA3	0.01693	0.00000	Oversupply
7/23/2020 8:37	0:25	SSA3	0.62176	0.00400	Oversupply
7/23/2020 9:01	0:01	SSA3	0.02156	0.00200	Oversupply
7/23/2020 9:02	0:01	SSA2	0.02173	0.11400	Oversupply
7/23/2020 9:02	0:01	SSA3	0.02110	0.41500	Oversupply
7/23/2020 9:03	0:01	SSA3	0.02156	0.85000	Oversupply
7/23/2020 9:03	0:01	SSA2	0.02090	0.36400	Oversupply
7/23/2020 9:04	0:01	SSA3	0.02064	0.55300	Oversupply
7/23/2020 9:04	0:01	SSA2	0.02173	0.62500	Oversupply
7/23/2020 9:04	0:01	SSA3	0.02064	0.55200	Oversupply
7/23/2020 9:05	0:01	SSA2	0.02173	0.42900	Oversupply
7/23/2020 9:05	4:46	SSA3	11.62846	0.20100	Oversupply
7/23/2020 9:06	4:45	SSA2	10.40650	0.03700	Oversupply
7/23/2020 9:07	4:44	KWP11	41.00805	13.48238	Oversupply
7/23/2020 9:18	0:01	AWE	0.00143	20.70000	Oversupply
7/23/2020 9:20	0:01	AWE	0.00264	19.80000	Oversupply
7/23/2020 9:26	4:17	AWE	37.65466	21.00000	Oversupply
7/23/2020 11:20	0:01	5A	Data is not available	Data is not available	Oversupply
7/23/2020 11:20	0:01	SAG	Data is not available	Data is not available	Oversupply
7/23/2020 11:25	0:01	5A	Data is not available	Data is not available	Oversupply
7/23/2020 11:25	0:01	SAG	Data is not available	Data is not available	Oversupply
7/23/2020 13:50	0:01	SSA2	0.03995	0.00100	Oversupply
7/23/2020 13:51	0:01	SSA3	0.02462	0.74800	Oversupply
7/23/2020 13:51	0:01	SSA2	0.03995	0.52100	Oversupply
7/23/2020 13:52	0:01	SSA3	0.02462	0.39800	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/23/2020 13:52	0:01	SSA2	0.03995	0.86900	Oversupply
7/23/2020 13:52	0:52	SSA3	1.26391	0.70700	Oversupply
7/23/2020 13:53	0:52	SSA2	2.47166	0.50800	Oversupply
7/23/2020 13:54	0:51	KWPPII	6.50961	13.20494	Oversupply
7/23/2020 14:03	0:03	AWE	0.01825	21.00000	Oversupply
7/23/2020 14:09	0:27	AWE	1.51285	21.00000	Oversupply
7/23/2020 14:37	0:01	AWE	0.00865	21.00000	Oversupply
7/23/2020 14:44	0:01	SSA3	0.01799	0.00300	Oversupply
7/23/2020 14:45	0:01	SSA2	0.04140	0.00300	Oversupply
7/23/2020 14:45	0:01	SSA3	0.02710	0.11200	Oversupply
7/23/2020 14:46	0:01	SSA2	0.04140	0.06200	Oversupply
7/23/2020 14:46	0:01	SSA3	0.02597	0.18200	Oversupply
7/23/2020 14:46	1:12	SSA2	2.78815	0.00400	Oversupply
7/23/2020 14:47	1:11	SSA3	2.01946	0.24500	Oversupply
7/23/2020 14:48	1:11	KWPPII	8.69712	17.38338	Oversupply
7/23/2020 15:58	0:02	SSA3	0.04955	0.09600	Oversupply
7/23/2020 15:58	0:01	SSA2	0.03546	0.03800	Oversupply
7/23/2020 15:59	0:01	SSA2	0.02233	0.02500	Oversupply
7/23/2020 15:59	0:01	SSA3	0.00647	0.19700	Oversupply
7/23/2020 16:00	0:01	KWPPII	0.00529	16.09303	Oversupply
7/23/2020 16:00	0:01	SSA2	0.01050	0.05300	Oversupply
7/23/2020 16:00	0:01	SSA3	0.00036	0.26200	Oversupply
7/23/2020 16:01	0:01	SSA2	0.01050	0.14900	Oversupply
7/23/2020 16:01	0:01	SSA3	0.00035	1.61700	Oversupply
7/23/2020 23:17	0:06	KWPPII	0.05401	16.25669	Oversupply
7/23/2020 23:29	0:04	KWPPII	0.07896	17.92627	Oversupply
7/23/2020 23:34	0:53	KWPPII	3.77986	18.58193	Oversupply
7/24/2020 1:52	3:27	KWPPII	51.99695	19.21064	Oversupply
7/24/2020 1:56	0:01	AWE	0.01035	21.00000	Oversupply
7/24/2020 2:33	1:20	AWE	5.47245	20.80000	Oversupply
7/24/2020 3:54	1:05	AWE	2.66612	21.00000	Oversupply
7/24/2020 5:00	0:03	AWE	0.04116	20.40000	Oversupply
7/24/2020 5:21	0:56	KWPPII	7.64805	19.21064	Oversupply
7/24/2020 6:44	0:01	SSA2	0.00010	0.07100	Oversupply
7/24/2020 6:45	0:03	17-2	0.00094	0.04600	Oversupply
7/24/2020 6:45	0:01	SSA3	0.00124	0.04500	Oversupply
7/24/2020 6:46	0:01	SSA3	0.00124	0.13100	Oversupply
7/24/2020 6:47	0:01	SSA3	0.00121	0.06200	Oversupply
7/24/2020 7:37	8:11	17-2	5.03586	0.75000	Oversupply
7/24/2020 7:37	0:01	SSA3	0.00399	0.72600	Oversupply
7/24/2020 7:37	0:01	SSA2	0.00483	0.34100	Oversupply
7/24/2020 7:38	0:01	SSA3	0.00408	0.69700	Oversupply
7/24/2020 7:38	0:01	SSA2	0.00493	0.35100	Oversupply
7/24/2020 7:38	0:01	SSA3	0.00390	0.18800	Oversupply
7/24/2020 7:39	6:54	SSA2	15.95076	0.36000	Oversupply
7/24/2020 7:39	6:54	SSA3	16.06131	0.74300	Oversupply
7/24/2020 7:40	6:54	KWPPII	119.82744	19.20066	Oversupply
7/24/2020 8:19	0:01	AWE	0.00308	16.30000	Oversupply
7/24/2020 8:24	0:01	AWE	0.00657	16.30000	Oversupply
7/24/2020 8:31	5:52	AWE	52.04944	19.60000	Oversupply
7/24/2020 10:57	0:02	5A	Data is not available	Data is not available	Oversupply
7/24/2020 10:57	0:02	SAG	Data is not available	Data is not available	Oversupply
7/24/2020 11:01	0:02	5A	Data is not available	Data is not available	Oversupply
7/24/2020 11:01	0:02	SAG	Data is not available	Data is not available	Oversupply
7/24/2020 11:09	0:01	5A	Data is not available	Data is not available	Oversupply
7/24/2020 11:09	0:01	SAG	Data is not available	Data is not available	Oversupply
7/24/2020 14:33	0:01	SSA2	0.03955	0.00200	Oversupply
7/24/2020 14:33	0:01	SSA3	0.03252	0.06300	Oversupply
7/24/2020 14:34	0:01	SSA2	0.03955	0.62200	Oversupply
7/24/2020 14:34	0:01	SSA3	0.03397	0.12500	Oversupply
7/24/2020 14:35	1:10	SSA2	3.24952	1.32100	Oversupply
7/24/2020 14:35	1:10	SSA3	2.73613	0.10500	Oversupply
7/24/2020 14:36	1:10	KWPPII	14.41091	19.19268	Oversupply
7/24/2020 15:19	0:02	AWE	0.01943	18.80000	Oversupply
7/24/2020 15:45	0:01	SSA2	0.00782	0.00200	Oversupply
7/24/2020 15:45	0:01	SSA3	0.00347	0.15100	Oversupply
7/24/2020 15:45	0:01	SSA2	0.00782	0.33600	Oversupply
7/24/2020 15:46	0:01	SSA3	0.00339	0.54600	Oversupply
7/24/2020 22:10	0:28	KWPPII	2.09103	18.92423	Oversupply
7/24/2020 22:51	0:05	KWPPII	0.08715	18.90327	Oversupply
7/24/2020 22:57	0:01	KWPPII	0.00374	18.53802	Oversupply
7/24/2020 23:07	0:01	KWPPII	0.00329	18.45419	Oversupply
7/24/2020 23:09	0:07	KWPPII	0.23892	19.05695	Oversupply
7/25/2020 0:12	2:26	KWPPII	14.56737	19.21064	Oversupply
7/25/2020 2:40	0:06	KWPPII	0.06963	19.20266	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/25/2020 3:13	2:08	KWP	13.74840	19.21064	Oversupply
7/25/2020 7:33	8:24	SSA3	18.91765	0.68400	Oversupply
7/25/2020 7:34	8:24	SSA2	16.30624	0.02600	Oversupply
7/25/2020 7:34	9:25	17-2	4.99976	0.75000	Oversupply
7/25/2020 7:35	8:23	KWP	147.55545	19.21064	Oversupply
7/25/2020 7:58	0:01	AWE	0.00167	0.10000	Oversupply
7/25/2020 8:37	1:11	AWE	6.85523	10.60000	Oversupply
7/25/2020 8:53	0:02	5A	Data is not available	Data is not available	Oversupply
7/25/2020 8:53	0:02	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 8:56	0:01	5A	Data is not available	Data is not available	Oversupply
7/25/2020 8:56	0:01	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 8:59	0:03	5A	Data is not available	Data is not available	Oversupply
7/25/2020 8:59	0:03	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 9:03	0:01	5A	Data is not available	Data is not available	Oversupply
7/25/2020 9:03	0:01	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 9:05	0:04	5A	Data is not available	Data is not available	Oversupply
7/25/2020 9:05	0:04	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 9:07	0:02	KWP	0.00264	28.19341	Oversupply
7/25/2020 9:10	0:04	5A	Data is not available	Data is not available	Oversupply
7/25/2020 9:10	0:04	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 9:14	0:01	KWP	0.00176	25.34505	Oversupply
7/25/2020 9:16	0:03	5A	Data is not available	Data is not available	Oversupply
7/25/2020 9:16	0:03	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 9:16	0:01	KWP	0.00176	25.87253	Oversupply
7/25/2020 9:34	0:01	5A	Data is not available	Data is not available	Oversupply
7/25/2020 9:34	0:01	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 9:36	0:04	5A	Data is not available	Data is not available	Oversupply
7/25/2020 9:36	0:04	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 9:39	0:01	KWP	0.00051	26.18901	Oversupply
7/25/2020 9:51	0:07	AWE	0.22785	12.20000	Oversupply
7/25/2020 9:59	4:17	AWE	47.36243	20.80000	Oversupply
7/25/2020 10:28	0:02	5A	Data is not available	Data is not available	Oversupply
7/25/2020 10:28	0:02	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 10:32	0:03	5A	Data is not available	Data is not available	Oversupply
7/25/2020 10:32	0:03	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 10:36	0:02	5A	Data is not available	Data is not available	Oversupply
7/25/2020 10:36	0:02	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 10:36	0:01	KWP	0.00088	26.40000	Oversupply
7/25/2020 10:38	0:01	KWP	0.00088	26.13626	Oversupply
7/25/2020 10:39	0:05	5A	Data is not available	Data is not available	Oversupply
7/25/2020 10:39	0:05	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 10:43	0:03	KWP	0.00352	24.92308	Oversupply
7/25/2020 10:45	0:09	5A	Data is not available	Data is not available	Oversupply
7/25/2020 10:45	0:09	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 10:55	0:02	5A	Data is not available	Data is not available	Oversupply
7/25/2020 10:55	0:02	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 10:58	0:08	5A	Data is not available	Data is not available	Oversupply
7/25/2020 10:58	0:08	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 11:03	0:01	KWP	0.00088	17.48571	Oversupply
7/25/2020 11:05	0:01	KWP	0.00068	17.16923	Oversupply
7/25/2020 11:07	0:01	5A	Data is not available	Data is not available	Oversupply
7/25/2020 11:07	0:01	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 11:09	0:03	5A	Data is not available	Data is not available	Oversupply
7/25/2020 11:09	0:03	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 11:10	0:01	KWP	0.00088	18.38242	Oversupply
7/25/2020 11:13	0:05	5A	Data is not available	Data is not available	Oversupply
7/25/2020 11:13	0:05	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 11:19	0:14	5A	Data is not available	Data is not available	Oversupply
7/25/2020 11:19	0:14	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 11:21	0:01	KWP	0.00176	18.59341	Oversupply
7/25/2020 11:23	0:01	KWP	0.00088	17.48571	Oversupply
7/25/2020 11:29	0:01	KWP	0.00176	19.22637	Oversupply
7/25/2020 11:32	0:01	KWP	0.00088	18.43517	Oversupply
7/25/2020 11:34	0:03	5A	Data is not available	Data is not available	Oversupply
7/25/2020 11:34	0:03	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 11:37	0:01	KWP	0.00176	16.16703	Oversupply
7/25/2020 11:38	0:01	5A	Data is not available	Data is not available	Oversupply
7/25/2020 11:38	0:01	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 11:40	0:02	5A	Data is not available	Data is not available	Oversupply
7/25/2020 11:40	0:02	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 11:43	0:05	5A	Data is not available	Data is not available	Oversupply
7/25/2020 11:43	0:05	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 11:49	0:02	5A	Data is not available	Data is not available	Oversupply
7/25/2020 11:49	0:02	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 11:53	0:01	5A	Data is not available	Data is not available	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/25/2020 11:53	0:01	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 11:54	0:01	KWP	0.00088	16.90549	Oversupply
7/25/2020 11:55	0:04	5A	Data is not available	Data is not available	Oversupply
7/25/2020 11:55	0:04	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 12:00	0:01	KWP	0.00088	16.69451	Oversupply
7/25/2020 12:01	0:01	5A	Data is not available	Data is not available	Oversupply
7/25/2020 12:01	0:01	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 12:02	0:01	KWP	0.00176	17.64396	Oversupply
7/25/2020 12:03	0:04	5A	Data is not available	Data is not available	Oversupply
7/25/2020 12:03	0:04	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 12:08	0:02	5A	Data is not available	Data is not available	Oversupply
7/25/2020 12:08	0:02	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 12:11	0:08	5A	Data is not available	Data is not available	Oversupply
7/25/2020 12:11	0:08	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 12:20	0:01	5A	Data is not available	Data is not available	Oversupply
7/25/2020 12:20	0:01	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 12:22	0:02	5A	Data is not available	Data is not available	Oversupply
7/25/2020 12:22	0:02	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 12:25	0:03	5A	Data is not available	Data is not available	Oversupply
7/25/2020 12:25	0:03	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 12:26	0:03	KWP	0.00383	17.74945	Oversupply
7/25/2020 12:29	0:08	5A	Data is not available	Data is not available	Oversupply
7/25/2020 12:29	0:08	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 12:37	0:01	KWP	0.00352	17.06374	Oversupply
7/25/2020 12:40	0:01	5A	Data is not available	Data is not available	Oversupply
7/25/2020 12:40	0:01	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 12:41	0:01	KWP	0.00088	17.01099	Oversupply
7/25/2020 12:43	0:02	5A	Data is not available	Data is not available	Oversupply
7/25/2020 12:43	0:02	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 12:47	0:08	5A	Data is not available	Data is not available	Oversupply
7/25/2020 12:47	0:08	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 12:48	0:01	KWP	0.00699	19.64835	Oversupply
7/25/2020 12:56	0:01	5A	Data is not available	Data is not available	Oversupply
7/25/2020 12:56	0:01	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 12:58	0:01	5A	Data is not available	Data is not available	Oversupply
7/25/2020 12:58	0:01	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 13:00	0:02	5A	Data is not available	Data is not available	Oversupply
7/25/2020 13:00	0:02	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 13:00	0:01	KWP	0.00176	19.49011	Oversupply
7/25/2020 13:21	0:03	5A	Data is not available	Data is not available	Oversupply
7/25/2020 13:21	0:03	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 13:27	0:03	5A	Data is not available	Data is not available	Oversupply
7/25/2020 13:27	0:03	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 13:34	0:01	5A	Data is not available	Data is not available	Oversupply
7/25/2020 13:34	0:01	SAG	Data is not available	Data is not available	Oversupply
7/25/2020 14:18	0:51	AWE	6.96883	19.40000	Oversupply
7/25/2020 15:12	0:16	AWE	0.75000	19.50000	Oversupply
7/25/2020 15:32	0:14	AWE	0.43477	21.00000	Oversupply
7/25/2020 15:47	0:02	AWE	0.01864	21.00000	Oversupply
7/25/2020 15:57	0:01	SSA3	0.02336	0.13300	Oversupply
7/25/2020 15:58	0:01	SSA2	0.02620	0.04900	Oversupply
7/25/2020 15:58	0:01	SSA3	0.02336	0.28500	Oversupply
7/25/2020 15:59	0:53	SSA2	2.05424	0.18200	Oversupply
7/25/2020 15:59	0:53	SSA3	1.28836	0.94800	Oversupply
7/25/2020 16:00	0:53	KWP	7.79236	19.21064	Oversupply
7/25/2020 16:52	0:01	SSA2	0.02471	-0.00200	Oversupply
7/25/2020 16:52	0:01	SSA3	0.01165	0.13100	Oversupply
7/25/2020 16:53	0:01	SSA2	0.02471	0.03500	Oversupply
7/25/2020 16:53	0:01	SSA3	0.01165	0.22300	Oversupply
7/25/2020 16:53	0:01	SSA2	0.02471	0.06500	Oversupply
7/25/2020 16:54	0:01	SSA3	0.01165	0.50200	Oversupply
7/25/2020 16:54	0:01	SSA2	0.02471	0.13900	Oversupply
7/25/2020 16:55	0:01	SSA3	0.01190	0.50500	Oversupply
7/25/2020 16:55	0:01	SSA2	0.02471	0.26700	Oversupply
7/25/2020 16:55	0:01	SSA3	0.01139	0.86000	Oversupply
7/25/2020 16:56	0:01	SSA2	0.02471	0.49600	Oversupply
7/25/2020 16:56	0:01	SSA3	0.01165	1.01000	Oversupply
7/25/2020 16:57	0:01	SSA2	0.02471	0.57600	Oversupply
7/25/2020 16:57	0:01	SSA3	0.01139	0.62100	Oversupply
7/25/2020 16:58	0:01	SSA3	0.01190	0.91900	Oversupply
7/25/2020 16:58	0:01	SSA2	0.02471	0.10400	Oversupply
7/26/2020 0:57	0:09	KWP	0.19658	19.21064	Oversupply
7/26/2020 1:09	4:03	KWP	15.51745	19.21064	Oversupply
7/26/2020 5:18	0:02	KWP	0.02182	19.21064	Oversupply
7/26/2020 5:36	0:16	KWP	0.46886	19.21064	Oversupply



**Maui Curtailment Report**

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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/26/2020 9:08	0:01	SSA3	0.00377	1.22600	Oversupply
7/26/2020 9:09	0:01	SSA2	0.00376	0.93200	Oversupply
7/26/2020 9:09	0:05	SSA3	0.02697	1.04500	Oversupply
7/26/2020 9:10	0:27	17-2	0.02112	0.09400	Oversupply
7/26/2020 9:10	0:05	SSA2	0.02553	0.00900	Oversupply
7/26/2020 9:11	0:05	KWPll	0.10921	19.21064	Oversupply
7/26/2020 9:14	0:01	SSA3	0.00973	-0.00400	Oversupply
7/26/2020 9:15	0:01	SSA2	0.01284	0.06800	Oversupply
7/26/2020 9:15	0:01	SSA3	0.01296	-0.00400	Oversupply
7/26/2020 9:16	0:01	SSA2	0.01284	0.22400	Oversupply
7/26/2020 9:16	0:01	SSA3	0.01296	-0.00300	Oversupply
7/26/2020 9:17	0:01	SSA3	0.01353	0.16100	Oversupply
7/26/2020 9:17	0:01	SSA2	0.01284	0.45100	Oversupply
7/26/2020 9:17	0:01	SSA3	0.01325	0.33300	Oversupply
7/26/2020 9:18	0:01	SSA2	0.01284	0.02900	Oversupply
7/26/2020 9:18	0:01	SSA3	0.01353	0.49800	Oversupply
7/26/2020 9:18	0:01	SSA2	0.01308	0.37200	Oversupply
7/26/2020 9:19	0:01	SSA3	0.01325	0.50700	Oversupply
7/26/2020 9:19	0:07	SSA2	0.10243	0.01000	Oversupply
7/26/2020 9:20	0:01	SSA3	0.01353	0.00900	Oversupply
7/26/2020 9:21	0:01	SSA3	0.01296	0.05400	Oversupply
7/26/2020 9:21	0:01	SSA3	0.01353	0.00400	Oversupply
7/26/2020 9:22	0:05	KWPll	0.04961	19.21064	Oversupply
7/26/2020 9:22	0:04	SSA3	0.06652	-0.00400	Oversupply
7/26/2020 9:26	0:01	SSA3	0.01353	-0.00300	Oversupply
7/26/2020 9:26	0:01	SSA2	0.01284	-0.00300	Oversupply
7/26/2020 9:27	0:01	SSA3	0.01353	0.02600	Oversupply
7/26/2020 9:27	0:01	SSA2	0.01284	0.23100	Oversupply
7/26/2020 9:28	0:01	SSA3	0.01296	0.23400	Oversupply
7/26/2020 9:28	0:01	SSA2	0.01284	0.50000	Oversupply
7/26/2020 9:28	0:01	SSA3	0.01353	0.46300	Oversupply
7/26/2020 9:29	0:01	SSA2	0.01225	0.68200	Oversupply
7/26/2020 9:29	0:01	SSA3	0.01224	0.68500	Oversupply
7/26/2020 9:30	0:01	SSA2	0.00982	1.07500	Oversupply
7/26/2020 9:30	0:01	SSA3	0.00906	0.85600	Oversupply
7/26/2020 9:31	0:03	SSA3	0.03763	0.41500	Oversupply
7/26/2020 9:31	0:03	SSA2	0.02946	0.02700	Oversupply
7/26/2020 9:32	0:02	KWPll	0.01520	19.21064	Oversupply
7/26/2020 9:33	0:01	SSA2	0.00982	-0.00300	Oversupply
7/26/2020 9:34	0:01	SSA3	0.00926	-0.00300	Oversupply
7/26/2020 9:34	0:01	SSA2	0.00982	-0.00300	Oversupply
7/26/2020 9:34	0:01	SSA3	0.00906	-0.00300	Oversupply
7/26/2020 9:35	0:01	SSA2	0.00982	-0.00300	Oversupply
7/26/2020 10:02	0:01	SSA2	0.00035	2.19200	Oversupply
7/26/2020 10:02	0:01	SSA3	-0.00034	0.47600	Oversupply
7/26/2020 10:03	0:01	17-2	0.00039	0.08500	Oversupply
7/26/2020 10:04	0:01	SSA3	-0.00034	0.59000	Oversupply
7/26/2020 10:22	0:01	SSA3	-0.00023	0.94500	Oversupply
7/26/2020 10:22	0:01	SSA3	-0.00022	0.89200	Oversupply
7/26/2020 10:22	0:02	SSA2	0.00321	1.93200	Oversupply
7/26/2020 10:23	0:01	SSA3	-0.00023	0.80800	Oversupply
7/26/2020 10:24	0:01	17-2	0.00175	0.10800	Oversupply
7/26/2020 14:48	1:19	17-2	0.35920	0.42500	Oversupply
7/26/2020 14:48	0:01	SSA2	0.00983	0.88100	Oversupply
7/26/2020 14:48	0:01	SSA3	0.00851	1.11100	Oversupply
7/26/2020 14:49	0:01	SSA2	0.00983	0.05800	Oversupply
7/26/2020 14:49	0:01	SSA3	0.00815	1.11700	Oversupply
7/26/2020 14:50	1:12	SSA3	1.13551	0.14400	Oversupply
7/26/2020 14:50	1:12	SSA2	0.98598	0.01300	Oversupply
7/26/2020 14:51	1:12	KWPll	6.29662	13.40454	Oversupply
7/26/2020 16:01	0:01	SSA2	0.00231	0.00000	Oversupply
7/26/2020 16:01	0:01	SSA3	0.00343	-0.00400	Oversupply
7/26/2020 16:02	0:01	SSA2	0.00235	0.27800	Oversupply
7/26/2020 16:02	0:01	SSA3	0.00351	0.03400	Oversupply
7/26/2020 16:03	0:01	SSA3	0.00351	0.24100	Oversupply
7/26/2020 16:03	0:01	SSA2	0.00235	0.42800	Oversupply
7/26/2020 16:04	0:01	SSA3	0.00343	0.44000	Oversupply
7/26/2020 16:04	0:01	SSA2	0.00235	0.54000	Oversupply
7/26/2020 16:05	0:01	SSA3	0.00336	0.66800	Oversupply
7/26/2020 16:05	0:01	SSA2	0.00235	0.19400	Oversupply
7/26/2020 17:55	0:01	KWPll	0.00027	0.02595	Oversupply
7/27/2020 0:09	0:01	AWE	0.00525	20.80000	Oversupply
7/27/2020 0:12	0:04	AWE	0.02382	20.80000	Oversupply
7/27/2020 0:17	0:03	AWE	0.01759	20.80000	Oversupply
7/27/2020 0:22	0:02	AWE	0.01619	20.80000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/27/2020 0:25	0:01	AWE	0.00327	20.80000	Oversupply
7/27/2020 0:27	0:07	AWE	0.04469	20.60000	Oversupply
7/27/2020 0:38	0:01	AWE	0.00743	20.60000	Oversupply
7/27/2020 0:42	0:01	AWE	0.00481	20.40000	Oversupply
7/27/2020 1:30	0:04	AWE	0.01650	20.90000	Oversupply
7/27/2020 1:35	0:02	AWE	0.00714	20.70000	Oversupply
7/27/2020 1:38	0:09	AWE	0.07459	20.90000	Oversupply
7/27/2020 1:48	0:04	AWE	0.05689	20.80000	Oversupply
7/27/2020 1:53	1:52	AWE	3.31295	20.80000	Oversupply
7/27/2020 3:17	0:22	KWP	0.04704	0.24849	Oversupply
7/27/2020 3:46	0:01	AWE	0.00873	18.00000	Oversupply
7/27/2020 3:48	0:02	AWE	0.02745	18.00000	Oversupply
7/27/2020 3:51	0:13	AWE	0.25208	19.70000	Oversupply
7/27/2020 4:05	0:29	AWE	0.47427	20.50000	Oversupply
7/27/2020 4:35	0:01	AWE	0.00222	20.10000	Oversupply
7/27/2020 6:11	0:01	KWP	0.00043	0.02595	Oversupply
7/27/2020 7:21	0:01	SSA2	0.00013	0.36300	Oversupply
7/27/2020 7:32	0:01	SSA3	0.00540	0.50700	Oversupply
7/27/2020 7:33	10:21	17-2	5.15442	0.75000	Oversupply
7/27/2020 7:34	0:01	SSA3	0.00540	0.40400	Oversupply
7/27/2020 7:34	9:16	SSA2	11.04385	0.33100	Oversupply
7/27/2020 7:35	9:16	SSA3	13.06680	0.00400	Oversupply
7/27/2020 7:36	9:15	KWP	170.22366	19.21064	Oversupply
7/27/2020 7:37	9:05	AWE	158.28627	21.00000	Oversupply
7/27/2020 8:59	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 8:59	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 9:44	0:04	5A	Data is not available	Data is not available	Oversupply
7/27/2020 9:44	0:04	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 9:49	0:04	5A	Data is not available	Data is not available	Oversupply
7/27/2020 9:49	0:04	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 9:50	0:01	KWP	0.00088	18.59341	Oversupply
7/27/2020 10:05	0:06	5A	Data is not available	Data is not available	Oversupply
7/27/2020 10:05	0:06	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 10:09	0:01	KWP	0.00088	23.23516	Oversupply
7/27/2020 10:12	0:06	5A	Data is not available	Data is not available	Oversupply
7/27/2020 10:12	0:06	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 10:12	0:01	KWP	0.00176	20.07033	Oversupply
7/27/2020 10:17	0:01	KWP	0.00176	15.74506	Oversupply
7/27/2020 10:19	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 10:19	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 10:19	0:01	KWP	0.00088	14.05714	Oversupply
7/27/2020 10:21	0:06	5A	Data is not available	Data is not available	Oversupply
7/27/2020 10:21	0:06	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 10:28	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 10:28	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 10:29	0:01	KWP	0.00088	13.26593	Oversupply
7/27/2020 10:30	0:03	5A	Data is not available	Data is not available	Oversupply
7/27/2020 10:30	0:03	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 10:32	0:01	KWP	0.00088	13.63517	Oversupply
7/27/2020 10:34	0:07	5A	Data is not available	Data is not available	Oversupply
7/27/2020 10:34	0:07	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 10:36	0:01	KWP	0.00176	13.00220	Oversupply
7/27/2020 10:42	0:04	5A	Data is not available	Data is not available	Oversupply
7/27/2020 10:42	0:04	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 10:44	0:01	KWP	0.00088	12.47473	Oversupply
7/27/2020 10:46	0:01	KWP	0.00088	12.31648	Oversupply
7/27/2020 10:48	0:05	5A	Data is not available	Data is not available	Oversupply
7/27/2020 10:48	0:05	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 10:51	0:01	KWP	0.00088	15.05934	Oversupply
7/27/2020 10:54	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 10:54	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 10:56	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 10:56	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 10:58	0:04	5A	Data is not available	Data is not available	Oversupply
7/27/2020 10:58	0:04	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 11:00	0:02	KWP	0.00176	13.58242	Oversupply
7/27/2020 11:04	0:01	KWP	0.00088	10.99780	Oversupply
7/27/2020 11:06	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 11:06	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 11:11	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 11:11	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 11:14	0:06	5A	Data is not available	Data is not available	Oversupply
7/27/2020 11:14	0:06	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 11:18	0:01	KWP	0.00156	10.47033	Oversupply
7/27/2020 11:22	0:02	5A	Data is not available	Data is not available	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/27/2020 11:22	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 11:25	0:08	5A	Data is not available	Data is not available	Oversupply
7/27/2020 11:25	0:08	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 11:29	0:03	KWP	0.00352	10.99780	Oversupply
7/27/2020 11:34	0:05	5A	Data is not available	Data is not available	Oversupply
7/27/2020 11:34	0:05	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 11:36	0:01	KWP	0.00088	9.62637	Oversupply
7/27/2020 11:40	0:04	5A	Data is not available	Data is not available	Oversupply
7/27/2020 11:40	0:04	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 11:42	0:01	KWP	0.00176	8.67692	Oversupply
7/27/2020 11:45	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 11:45	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 11:47	0:04	5A	Data is not available	Data is not available	Oversupply
7/27/2020 11:47	0:04	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 11:49	0:01	KWP	0.00088	8.20220	Oversupply
7/27/2020 11:52	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 11:52	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 11:54	0:02	KWP	0.00352	8.25494	Oversupply
7/27/2020 11:56	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 11:56	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:01	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:01	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:03	0:04	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:03	0:04	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:04	0:01	KWP	0.00088	6.56703	Oversupply
7/27/2020 12:08	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:08	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:10	0:01	KWP	0.00075	4.56264	Oversupply
7/27/2020 12:12	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:12	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:15	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:15	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:15	0:01	KWP	0.00176	8.09670	Oversupply
7/27/2020 12:18	0:05	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:18	0:05	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:20	0:02	KWP	0.00264	6.72527	Oversupply
7/27/2020 12:24	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:24	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:25	0:01	KWP	0.00088	5.14286	Oversupply
7/27/2020 12:26	0:03	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:26	0:03	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:29	0:01	KWP	0.00034	5.45934	Oversupply
7/27/2020 12:30	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:30	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:32	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:32	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:34	0:01	KWP	0.00088	6.46154	Oversupply
7/27/2020 12:35	0:05	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:35	0:05	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:37	0:01	KWP	0.00176	5.14286	Oversupply
7/27/2020 12:40	0:01	KWP	0.00088	4.93187	Oversupply
7/27/2020 12:41	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:41	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:43	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:43	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:44	0:01	KWP	0.00088	5.82857	Oversupply
7/27/2020 12:46	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:46	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:46	0:01	KWP	0.00006	6.09231	Oversupply
7/27/2020 12:49	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:49	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:51	0:03	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:51	0:03	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:51	0:01	KWP	0.00088	6.98901	Oversupply
7/27/2020 12:53	0:01	KWP	0.00088	5.98681	Oversupply
7/27/2020 12:55	0:03	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:55	0:03	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 12:59	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 12:59	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 13:02	0:03	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:02	0:03	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 13:07	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:07	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 13:09	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:09	0:01	SAG	Data is not available	Data is not available	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/27/2020 13:10	0:03	KWP	0.00281	9.30989	Oversupply
7/27/2020 13:11	0:06	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:11	0:06	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 13:20	0:05	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:20	0:05	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 13:26	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:26	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 13:29	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:29	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 13:31	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:31	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 13:34	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:34	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 13:38	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:38	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 13:41	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:41	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 13:44	0:04	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:44	0:04	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 13:50	0:05	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:50	0:05	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 13:56	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:56	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 13:57	0:01	KWP	0.00088	10.20659	Oversupply
7/27/2020 13:59	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 13:59	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:01	0:01	KWP	0.00069	11.05055	Oversupply
7/27/2020 14:02	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:02	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:04	0:03	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:04	0:03	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:05	0:01	KWP	0.00088	10.89231	Oversupply
7/27/2020 14:08	0:05	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:08	0:05	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:10	0:01	KWP	0.00176	11.26154	Oversupply
7/27/2020 14:13	0:01	KWP	0.00088	10.68132	Oversupply
7/27/2020 14:15	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:15	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:18	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:18	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:20	0:01	KWP	0.00088	11.36703	Oversupply
7/27/2020 14:23	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:23	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:25	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:25	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:25	0:02	KWP	0.00264	15.27033	Oversupply
7/27/2020 14:29	0:03	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:29	0:03	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:36	0:04	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:36	0:04	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:37	0:01	KWP	0.00176	17.59121	Oversupply
7/27/2020 14:39	0:01	KWP	0.00176	17.69670	Oversupply
7/27/2020 14:42	0:01	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:42	0:01	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:44	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:44	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:47	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:47	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:50	0:03	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:50	0:03	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:54	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:54	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 14:54	0:01	KWP	0.00088	20.33407	Oversupply
7/27/2020 14:56	0:01	KWP	0.00088	20.49231	Oversupply
7/27/2020 14:58	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 14:58	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 15:01	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 15:01	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 15:06	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 15:06	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 15:10	0:03	5A	Data is not available	Data is not available	Oversupply
7/27/2020 15:10	0:03	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 15:11	0:01	KWP	0.00088	26.13626	Oversupply
7/27/2020 15:13	0:01	KWP	0.00264	25.08132	Oversupply
7/27/2020 15:14	0:03	5A	Data is not available	Data is not available	Oversupply





**Maui Curtailment Report**

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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/27/2020 15:14	0:03	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 15:19	0:02	5A	Data is not available	Data is not available	Oversupply
7/27/2020 15:19	0:02	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 15:20	0:01	KWP	0.00264	24.44835	Oversupply
7/27/2020 15:22	0:14	5A	Data is not available	Data is not available	Oversupply
7/27/2020 15:22	0:14	SAG	Data is not available	Data is not available	Oversupply
7/27/2020 15:33	0:01	KWP	0.00088	26.92747	Oversupply
7/27/2020 15:37	0:01	KWP	0.00176	28.50989	Oversupply
7/27/2020 16:43	0:01	AWE	0.01807	21.00000	Oversupply
7/27/2020 16:51	0:01	SSA2	0.02416	0.04800	Oversupply
7/27/2020 16:51	0:01	SSA3	0.01087	0.14900	Oversupply
7/27/2020 16:52	0:01	SSA2	0.02369	0.27300	Oversupply
7/27/2020 16:52	0:01	SSA3	0.01064	0.13900	Oversupply
7/27/2020 16:52	0:36	SSA2	0.78097	0.52500	Oversupply
7/27/2020 16:53	0:35	KWP	4.66914	19.21064	Oversupply
7/27/2020 16:53	0:35	SSA3	0.41247	0.01500	Oversupply
7/27/2020 17:28	0:01	SSA3	0.00783	0.00300	Oversupply
7/27/2020 17:28	0:01	SSA2	0.01583	0.01900	Oversupply
7/27/2020 17:29	0:01	SSA3	0.00766	0.26800	Oversupply
7/27/2020 17:29	0:01	SSA2	0.01545	0.15300	Oversupply
7/27/2020 17:29	0:01	SSA3	0.00666	0.30900	Oversupply
7/27/2020 17:30	0:01	SSA2	0.01387	0.27900	Oversupply
7/27/2020 17:30	0:01	SSA3	0.00492	0.19700	Oversupply
7/27/2020 17:31	0:01	SSA2	0.01387	0.09300	Oversupply
7/27/2020 17:31	0:01	SSA3	0.00481	0.25600	Oversupply
7/27/2020 17:31	0:01	SSA2	0.01387	0.41600	Oversupply
7/27/2020 17:32	0:01	KWP	0.00005	19.19866	Oversupply
7/27/2020 17:32	0:01	SSA3	0.00502	0.08000	Oversupply
7/27/2020 17:32	0:01	SSA2	0.01360	0.24600	Oversupply
7/27/2020 17:33	0:01	SSA3	0.00502	0.06600	Oversupply
7/27/2020 17:33	0:01	SSA2	0.01387	0.05900	Oversupply
7/27/2020 17:33	0:01	SSA3	0.00481	0.30300	Oversupply
7/27/2020 17:34	0:01	SSA2	0.01387	0.57600	Oversupply
7/27/2020 17:34	0:01	SSA3	0.00502	0.39300	Oversupply
7/27/2020 17:35	0:01	SSA2	0.01387	1.01000	Oversupply
7/27/2020 17:35	0:01	SSA3	0.00481	0.50100	Oversupply
7/27/2020 17:36	0:02	SSA3	0.01486	0.47700	Oversupply
7/27/2020 17:36	0:03	SSA2	0.05547	0.51500	Oversupply
7/27/2020 17:38	0:01	SSA3	0.00492	0.01800	Oversupply
7/27/2020 17:39	0:01	KWP	0.00376	19.20765	Oversupply
7/27/2020 17:39	0:01	SSA3	0.00502	0.00000	Oversupply
7/27/2020 17:39	0:01	SSA2	0.01387	0.00000	Oversupply
7/27/2020 17:39	0:01	SSA3	0.00492	0.00300	Oversupply
7/27/2020 17:40	0:11	SSA2	0.15477	0.06600	Oversupply
7/27/2020 17:40	0:12	SSA3	0.05801	-0.00100	Oversupply
7/27/2020 17:44	0:08	KWP	0.10669	19.21064	Oversupply
7/27/2020 17:51	0:01	SSA2	0.01030	0.00000	Oversupply
7/27/2020 17:52	0:01	SSA3	0.00321	0.00600	Oversupply
7/27/2020 17:52	0:01	SSA2	0.01010	0.02900	Oversupply
7/27/2020 17:55	0:01	SSA3	0.00314	0.32000	Oversupply
7/27/2020 17:56	0:02	17-2	0.00084	0.07900	Oversupply
7/27/2020 17:56	0:01	SSA3	0.00321	0.31600	Oversupply
7/27/2020 17:56	0:01	SSA2	0.01030	0.84900	Oversupply
7/27/2020 17:59	0:01	SSA3	0.00319	0.28900	Oversupply
7/27/2020 18:04	0:01	SSA3	0.00087	0.23600	Oversupply
7/27/2020 18:04	0:01	SSA2	0.00056	0.77300	Oversupply
7/27/2020 18:07	0:02	SSA3	0.00174	0.21700	Oversupply
7/27/2020 18:08	0:01	SSA2	0.00056	0.71100	Oversupply
7/27/2020 18:09	0:01	SSA3	0.00087	0.20600	Oversupply
7/27/2020 20:32	0:44	KWP	3.50823	19.21064	Oversupply
7/27/2020 22:09	0:44	KWP	9.07812	19.21064	Oversupply
7/27/2020 22:47	0:02	AWE	0.01198	21.00000	Oversupply
7/27/2020 22:55	4:15	KWP	75.65171	19.21064	Oversupply
7/27/2020 23:26	0:01	AWE	0.00341	21.00000	Oversupply
7/27/2020 23:28	0:04	AWE	0.04861	21.00000	Oversupply
7/28/2020 0:00	0:02	AWE	0.00265	21.00000	Oversupply
7/28/2020 0:03	2:26	AWE	13.75064	21.00000	Oversupply
7/28/2020 2:31	0:01	AWE	0.00571	11.20000	Oversupply
7/28/2020 2:33	0:25	AWE	1.46365	19.90000	Oversupply
7/28/2020 2:59	0:05	AWE	0.00948	11.90000	Oversupply
7/28/2020 3:12	0:26	KWP	6.90367	19.21064	Oversupply
7/28/2020 3:26	0:02	AWE	0.03793	10.50000	Oversupply
7/28/2020 3:29	0:01	AWE	0.00043	9.30000	Oversupply
7/28/2020 3:39	2:48	KWP	26.87179	19.21064	Oversupply
7/28/2020 4:40	0:02	AWE	0.02156	13.30000	Oversupply



**Maui Curtailment Report**

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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/28/2020 6:09	0:16	SSA3	0.00692	0.00000	Oversupply
7/28/2020 6:29	0:01	SSA3	0.00027	0.04600	Oversupply
7/28/2020 6:30	0:01	SSA2	0.00065	0.04200	Oversupply
7/28/2020 6:36	10:25	SSA2	13.94344	0.06300	Oversupply
7/28/2020 6:36	1:39	SSA3	0.67850	0.06500	Oversupply
7/28/2020 6:37	8:03	17-2	3.14152	0.75000	Oversupply
7/28/2020 6:39	1:37	KWP/II	21.48838	19.21064	Oversupply
7/28/2020 7:19	0:51	AWE	5.70840	21.00000	Oversupply
7/28/2020 8:11	0:02	AWE	0.02593	12.20000	Oversupply
7/28/2020 8:16	0:01	SSA3	0.00597	-0.00400	Oversupply
7/28/2020 8:16	8:44	SSA3	11.85289	0.01500	Oversupply
7/28/2020 8:18	6:22	KWP/II	119.75674	19.21064	Oversupply
7/28/2020 8:24	6:16	AWE	103.44603	21.00000	Oversupply
7/28/2020 9:08	0:06	5A	Data is not available	Data is not available	Oversupply
7/28/2020 9:08	0:06	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 9:16	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 9:16	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 9:16	0:01	KWP	0.00235	22.60220	Oversupply
7/28/2020 9:18	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 9:18	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 9:22	0:09	5A	Data is not available	Data is not available	Oversupply
7/28/2020 9:22	0:09	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 9:26	0:02	KWP	0.00264	23.81538	Oversupply
7/28/2020 9:31	0:01	KWP	0.00176	22.44396	Oversupply
7/28/2020 9:33	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 9:33	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 9:33	0:01	KWP	0.00088	21.96923	Oversupply
7/28/2020 9:35	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 9:35	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 9:35	0:01	KWP	0.00176	21.17802	Oversupply
7/28/2020 9:37	0:09	5A	Data is not available	Data is not available	Oversupply
7/28/2020 9:37	0:09	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 9:47	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 9:47	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 9:50	0:05	5A	Data is not available	Data is not available	Oversupply
7/28/2020 9:50	0:05	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 9:50	0:02	KWP	0.00440	21.01978	Oversupply
7/28/2020 9:57	0:04	5A	Data is not available	Data is not available	Oversupply
7/28/2020 9:57	0:04	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:02	0:03	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:02	0:03	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:05	0:01	KWP	0.00088	23.70989	Oversupply
7/28/2020 10:06	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:06	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:07	0:01	KWP	0.00967	23.49890	Oversupply
7/28/2020 10:09	0:01	KWP	0.00176	23.97363	Oversupply
7/28/2020 10:10	0:04	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:10	0:04	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:11	0:01	KWP	0.00088	23.60439	Oversupply
7/28/2020 10:13	0:01	KWP	0.00176	22.07473	Oversupply
7/28/2020 10:15	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:15	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:16	0:01	KWP	0.00176	22.86593	Oversupply
7/28/2020 10:17	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:17	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:19	0:01	KWP	0.00088	23.07692	Oversupply
7/28/2020 10:20	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:20	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:23	0:06	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:23	0:06	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:26	0:01	KWP	0.00088	22.49670	Oversupply
7/28/2020 10:28	0:02	KWP	0.00559	21.96923	Oversupply
7/28/2020 10:30	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:30	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:32	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:32	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:34	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:34	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:34	0:03	KWP	0.00473	20.43956	Oversupply
7/28/2020 10:37	0:04	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:37	0:04	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:40	0:01	KWP	0.00264	19.22637	Oversupply
7/28/2020 10:42	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:42	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:42	0:01	KWP	0.00176	17.64396	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/28/2020 10:44	0:02	KWP	0.00264	17.16923	Oversupply
7/28/2020 10:46	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:46	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:47	0:01	KWP	0.00088	16.69451	Oversupply
7/28/2020 10:48	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:48	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:51	0:01	KWP	0.00088	18.48791	Oversupply
7/28/2020 10:52	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:52	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:55	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:55	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:58	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 10:58	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 10:59	0:02	KWP	0.00352	14.58462	Oversupply
7/28/2020 11:01	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 11:01	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 11:03	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 11:03	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 11:07	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 11:07	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 11:10	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 11:10	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 11:17	0:05	5A	Data is not available	Data is not available	Oversupply
7/28/2020 11:17	0:05	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 11:19	0:01	KWP	0.00791	23.92088	Oversupply
7/28/2020 11:23	0:01	KWP	0.00185	20.91429	Oversupply
7/28/2020 11:25	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 11:25	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 11:27	0:16	5A	Data is not available	Data is not available	Oversupply
7/28/2020 11:27	0:16	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 11:27	0:01	KWP	0.00264	23.60439	Oversupply
7/28/2020 11:32	0:01	KWP	0.00264	23.39341	Oversupply
7/28/2020 11:34	0:01	KWP	0.00088	21.60000	Oversupply
7/28/2020 11:40	0:01	KWP	0.00176	17.01099	Oversupply
7/28/2020 11:45	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 11:45	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 11:47	0:03	5A	Data is not available	Data is not available	Oversupply
7/28/2020 11:47	0:03	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 11:51	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 11:51	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 11:54	0:04	5A	Data is not available	Data is not available	Oversupply
7/28/2020 11:54	0:04	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 11:54	0:01	KWP	0.00176	17.22198	Oversupply
7/28/2020 11:57	0:01	KWP	0.00088	15.37582	Oversupply
7/28/2020 11:59	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 11:59	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 12:04	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 12:04	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 12:08	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 12:08	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 12:15	0:07	5A	Data is not available	Data is not available	Oversupply
7/28/2020 12:15	0:07	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 12:16	0:01	KWP	0.00879	25.18681	Oversupply
7/28/2020 12:23	0:08	5A	Data is not available	Data is not available	Oversupply
7/28/2020 12:23	0:08	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 12:27	0:01	KWP	0.00176	18.27692	Oversupply
7/28/2020 12:30	0:01	KWP	0.00176	15.74506	Oversupply
7/28/2020 12:32	0:04	5A	Data is not available	Data is not available	Oversupply
7/28/2020 12:32	0:04	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 12:35	0:01	KWP	0.00176	15.27033	Oversupply
7/28/2020 12:45	0:06	5A	Data is not available	Data is not available	Oversupply
7/28/2020 12:45	0:06	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 12:47	0:01	KWP	0.00352	21.96923	Oversupply
7/28/2020 12:52	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 12:52	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 12:54	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 12:54	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 12:55	0:01	KWP	0.00176	20.80879	Oversupply
7/28/2020 12:58	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 12:58	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 13:02	0:03	5A	Data is not available	Data is not available	Oversupply
7/28/2020 13:02	0:03	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 13:04	0:01	KWP	0.00264	23.60439	Oversupply
7/28/2020 13:06	0:15	5A	Data is not available	Data is not available	Oversupply
7/28/2020 13:06	0:15	SAG	Data is not available	Data is not available	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/28/2020 13:06	0:02	KWP	0.00264	22.23297	Oversupply
7/28/2020 13:09	0:01	KWP	0.00352	21.38901	Oversupply
7/28/2020 13:16	0:01	KWP	0.00088	15.32308	Oversupply
7/28/2020 13:21	0:01	KWP	0.00176	14.26813	Oversupply
7/28/2020 13:23	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 13:23	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 13:26	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 13:26	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 13:26	0:01	KWP	0.00176	16.32528	Oversupply
7/28/2020 13:28	0:03	5A	Data is not available	Data is not available	Oversupply
7/28/2020 13:28	0:03	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 13:29	0:01	KWP	0.00088	16.58901	Oversupply
7/28/2020 13:32	0:04	5A	Data is not available	Data is not available	Oversupply
7/28/2020 13:32	0:04	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 13:37	0:03	5A	Data is not available	Data is not available	Oversupply
7/28/2020 13:37	0:03	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 13:43	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 13:43	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 13:44	0:01	KWP	0.00088	16.64176	Oversupply
7/28/2020 13:47	0:01	KWP	0.00088	17.48571	Oversupply
7/28/2020 13:50	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 13:50	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 13:58	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 13:58	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 13:59	0:01	KWP	0.00088	18.43517	Oversupply
7/28/2020 14:05	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 14:05	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 14:05	0:02	KWP	0.00264	17.69670	Oversupply
7/28/2020 14:08	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 14:08	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 14:13	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 14:13	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 14:15	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 14:15	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 14:18	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 14:18	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 14:21	0:03	5A	Data is not available	Data is not available	Oversupply
7/28/2020 14:21	0:03	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 14:26	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 14:26	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 14:29	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 14:29	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 14:31	0:01	KWP	0.00088	20.22857	Oversupply
7/28/2020 14:32	0:09	5A	Data is not available	Data is not available	Oversupply
7/28/2020 14:32	0:09	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 14:41	2:07	AWE	25.82552	21.00000	Oversupply
7/28/2020 14:41	2:21	KWP	44.28105	19.21064	Oversupply
7/28/2020 14:41	3:39	17-2	1.38251	0.75000	Oversupply
7/28/2020 14:42	0:03	5A	Data is not available	Data is not available	Oversupply
7/28/2020 14:42	0:03	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 14:51	0:04	5A	Data is not available	Data is not available	Oversupply
7/28/2020 14:51	0:04	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 14:52	0:01	KWP	0.00088	22.33846	Oversupply
7/28/2020 14:56	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 14:56	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 14:58	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 14:58	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 14:58	0:01	KWP	0.00381	21.23077	Oversupply
7/28/2020 15:03	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 15:03	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 15:06	0:02	5A	Data is not available	Data is not available	Oversupply
7/28/2020 15:06	0:02	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 15:06	0:02	KWP	0.00791	21.81099	Oversupply
7/28/2020 15:12	0:03	5A	Data is not available	Data is not available	Oversupply
7/28/2020 15:12	0:03	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 15:12	0:01	KWP	0.00088	24.07912	Oversupply
7/28/2020 15:17	0:01	5A	Data is not available	Data is not available	Oversupply
7/28/2020 15:17	0:01	SAG	Data is not available	Data is not available	Oversupply
7/28/2020 16:49	0:08	AWE	0.11394	21.00000	Oversupply
7/28/2020 17:00	0:01	SSA2	0.01602	0.00400	Oversupply
7/28/2020 17:01	0:01	SSA3	0.00953	0.43100	Oversupply
7/28/2020 17:01	0:01	SSA2	0.01602	0.10000	Oversupply
7/28/2020 17:02	1:16	SSA3	0.66727	0.50900	Oversupply
7/28/2020 17:02	1:16	SSA2	1.21813	0.17200	Oversupply
7/28/2020 17:03	1:13	KWP	9.20810	19.21064	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/28/2020 18:17	0:01	SSA3	0.00043	0.02200	Oversupply
7/28/2020 18:18	0:01	KWP11	0.00258	19.21064	Oversupply
7/28/2020 18:18	0:01	SSA3	0.00044	0.00300	Oversupply
7/28/2020 18:20	0:01	SSA2	0.00361	0.62600	Oversupply
7/28/2020 18:21	0:01	SSA3	0.00043	0.03400	Oversupply
7/28/2020 18:21	0:01	SSA2	0.00361	0.57900	Oversupply
7/28/2020 18:22	0:01	17-2	0.00098	0.06100	Oversupply
7/28/2020 19:34	0:11	KWP11	0.36737	19.21064	Oversupply
7/28/2020 19:52	0:35	KWP11	2.65011	19.21064	Oversupply
7/28/2020 20:42	2:14	KWP11	22.09878	19.21064	Oversupply
7/28/2020 22:31	0:09	AWE	0.09606	19.50000	Oversupply
7/28/2020 22:42	0:04	AWE	0.11663	18.40000	Oversupply
7/28/2020 22:47	0:03	AWE	0.05683	17.80000	Oversupply
7/28/2020 22:51	0:01	AWE	0.00037	15.50000	Oversupply
7/28/2020 22:58	4:58	KWP11	80.28347	19.21064	Oversupply
7/28/2020 23:15	0:01	AWE	0.00378	12.30000	Oversupply
7/28/2020 23:34	0:46	AWE	5.22437	21.00000	Oversupply
7/29/2020 1:02	1:46	AWE	11.99680	21.00000	Oversupply
7/29/2020 2:56	0:24	AWE	0.95050	14.80000	Oversupply
7/29/2020 3:21	0:02	AWE	0.01772	11.00000	Oversupply
7/29/2020 3:32	0:12	AWE	0.40589	13.90000	Oversupply
7/29/2020 3:50	0:01	AWE	0.00459	11.50000	Oversupply
7/29/2020 3:59	0:34	KWP11	6.85444	16.21677	Oversupply
7/29/2020 4:17	0:10	AWE	0.82476	20.20000	Oversupply
7/29/2020 4:34	11:43	KWP11	193.26331	17.71371	Oversupply
7/29/2020 4:41	0:12	AWE	0.41498	17.00000	Oversupply
7/29/2020 5:00	0:22	AWE	1.08627	20.70000	Oversupply
7/29/2020 6:10	10:06	SSA3	13.16111	0.01400	Oversupply
7/29/2020 6:12	10:04	SSA2	16.18634	-0.00300	Oversupply
7/29/2020 6:17	10:00	17-2	4.74989	0.75000	Oversupply
7/29/2020 6:51	0:02	AWE	0.01737	16.70000	Oversupply
7/29/2020 7:11	0:02	AWE	0.01620	17.70000	Oversupply
7/29/2020 7:34	8:28	AWE	114.62173	21.00000	Oversupply
7/29/2020 8:30	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 8:30	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 8:45	0:04	5A	Data is not available	Data is not available	Oversupply
7/29/2020 8:45	0:04	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 8:45	0:01	KWP	0.00176	27.45494	Oversupply
7/29/2020 8:50	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 8:50	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 8:51	0:01	KWP	0.00176	25.71428	Oversupply
7/29/2020 8:54	0:05	5A	Data is not available	Data is not available	Oversupply
7/29/2020 8:54	0:05	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 9:01	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:01	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 9:02	0:01	KWP	0.00088	25.66154	Oversupply
7/29/2020 9:04	0:08	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:04	0:08	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 9:13	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:13	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 9:15	0:01	KWP	0.00088	21.38901	Oversupply
7/29/2020 9:16	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:16	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 9:17	0:01	KWP	0.00088	21.49450	Oversupply
7/29/2020 9:18	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:18	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 9:21	0:03	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:21	0:03	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 9:25	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:25	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 9:25	0:01	KWP	0.00238	19.64835	Oversupply
7/29/2020 9:28	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:28	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 9:28	0:01	KWP	0.00016	19.54286	Oversupply
7/29/2020 9:30	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:30	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 9:32	0:03	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:32	0:03	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 9:32	0:01	KWP	0.00088	19.06813	Oversupply
7/29/2020 9:34	0:01	KWP	0.00176	18.80440	Oversupply
7/29/2020 9:36	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:36	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 9:38	0:01	KWP	0.00088	17.80220	Oversupply
7/29/2020 9:39	0:06	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:39	0:06	SAG	Data is not available	Data is not available	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/29/2020 9:47	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:47	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 9:48	0:01	KWP	0.00088	16.06154	Oversupply
7/29/2020 9:49	0:09	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:49	0:09	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 9:51	0:01	KWP	0.00176	15.00659	Oversupply
7/29/2020 9:55	0:01	KWP	0.00176	13.68791	Oversupply
7/29/2020 9:58	0:02	KWP	0.00129	12.21099	Oversupply
7/29/2020 9:59	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 9:59	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 10:01	0:17	5A	Data is not available	Data is not available	Oversupply
7/29/2020 10:01	0:17	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 10:01	0:01	KWP	0.00088	12.36923	Oversupply
7/29/2020 10:11	0:01	KWP	0.00176	10.94506	Oversupply
7/29/2020 10:19	0:01	KWP	0.00088	10.31209	Oversupply
7/29/2020 10:20	0:11	5A	Data is not available	Data is not available	Oversupply
7/29/2020 10:20	0:11	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 10:26	0:01	KWP	0.00029	9.99560	Oversupply
7/29/2020 10:32	0:03	5A	Data is not available	Data is not available	Oversupply
7/29/2020 10:32	0:03	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 10:33	0:01	KWP	0.00088	8.78242	Oversupply
7/29/2020 10:36	0:03	5A	Data is not available	Data is not available	Oversupply
7/29/2020 10:36	0:03	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 10:40	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 10:40	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 10:40	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 10:42	0:04	5A	Data is not available	Data is not available	Oversupply
7/29/2020 10:42	0:04	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 10:48	0:05	5A	Data is not available	Data is not available	Oversupply
7/29/2020 10:48	0:05	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 10:48	0:01	KWP	0.00088	11.41978	Oversupply
7/29/2020 10:50	0:01	KWP	0.00000	11.10330	Oversupply
7/29/2020 10:55	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 10:55	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 10:56	0:02	KWP	0.00352	11.10330	Oversupply
7/29/2020 10:58	0:05	5A	Data is not available	Data is not available	Oversupply
7/29/2020 10:58	0:05	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 11:04	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 11:04	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 11:06	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 11:06	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 11:08	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 11:08	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 11:09	0:02	KWP	0.00352	11.78901	Oversupply
7/29/2020 11:11	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 11:11	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 11:13	0:01	KWP	0.00264	10.04835	Oversupply
7/29/2020 11:14	0:05	5A	Data is not available	Data is not available	Oversupply
7/29/2020 11:14	0:05	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 11:15	0:02	KWP	0.00176	9.78462	Oversupply
7/29/2020 11:20	0:04	5A	Data is not available	Data is not available	Oversupply
7/29/2020 11:20	0:04	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 11:26	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 11:26	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 11:28	0:05	5A	Data is not available	Data is not available	Oversupply
7/29/2020 11:28	0:05	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 11:34	0:01	KWP	0.00088	10.47033	Oversupply
7/29/2020 11:36	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 11:36	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 11:38	0:03	5A	Data is not available	Data is not available	Oversupply
7/29/2020 11:38	0:03	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 11:44	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 11:44	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 11:47	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 11:47	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 11:48	0:01	KWP	0.00088	16.27253	Oversupply
7/29/2020 11:50	0:10	5A	Data is not available	Data is not available	Oversupply
7/29/2020 11:50	0:10	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 11:52	0:02	KWP	0.00264	18.27692	Oversupply
7/29/2020 12:04	0:04	5A	Data is not available	Data is not available	Oversupply
7/29/2020 12:04	0:04	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 12:07	0:01	KWP	0.00086	17.11648	Oversupply
7/29/2020 12:10	0:12	5A	Data is not available	Data is not available	Oversupply
7/29/2020 12:10	0:12	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 12:11	0:01	KWP	0.00176	15.27033	Oversupply
7/29/2020 12:20	0:01	KWP	0.00088	12.79121	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/29/2020 12:23	0:03	5A	Data is not available	Data is not available	Oversupply
7/29/2020 12:23	0:03	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 12:24	0:01	KWP	0.00088	11.15604	Oversupply
7/29/2020 12:27	0:14	5A	Data is not available	Data is not available	Oversupply
7/29/2020 12:27	0:14	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 12:32	0:01	KWP	0.00088	11.10330	Oversupply
7/29/2020 12:34	0:02	KWP	0.00176	10.78681	Oversupply
7/29/2020 12:41	0:01	KWP	0.00088	9.15165	Oversupply
7/29/2020 12:42	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 12:42	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 12:46	0:03	5A	Data is not available	Data is not available	Oversupply
7/29/2020 12:46	0:03	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 12:48	0:01	KWP	0.00088	10.83956	Oversupply
7/29/2020 12:50	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 12:50	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 12:50	0:02	KWP	0.00264	10.83956	Oversupply
7/29/2020 12:53	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 12:53	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 12:55	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 12:55	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 12:57	0:01	KWP	0.00088	10.52308	Oversupply
7/29/2020 12:58	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 12:58	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 13:00	0:01	KWP	0.00088	9.83736	Oversupply
7/29/2020 13:02	0:04	5A	Data is not available	Data is not available	Oversupply
7/29/2020 13:02	0:04	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 13:02	0:01	KWP	0.00088	10.36483	Oversupply
7/29/2020 13:07	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 13:07	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 13:08	0:01	KWP	0.00088	9.78462	Oversupply
7/29/2020 13:10	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 13:10	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 13:13	0:09	5A	Data is not available	Data is not available	Oversupply
7/29/2020 13:13	0:09	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 13:16	0:01	KWP	0.00136	11.20879	Oversupply
7/29/2020 13:19	0:01	KWP	0.00088	10.83956	Oversupply
7/29/2020 13:23	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 13:23	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 13:26	0:06	5A	Data is not available	Data is not available	Oversupply
7/29/2020 13:26	0:06	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 13:33	0:07	5A	Data is not available	Data is not available	Oversupply
7/29/2020 13:33	0:07	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 13:39	0:01	KWP	0.00176	9.41538	Oversupply
7/29/2020 13:41	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 13:41	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 13:44	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 13:44	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 13:46	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 13:46	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 13:48	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 13:48	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 13:48	0:02	KWP	0.00264	10.78681	Oversupply
7/29/2020 13:51	0:01	KWP	0.00088	10.73407	Oversupply
7/29/2020 13:53	0:05	5A	Data is not available	Data is not available	Oversupply
7/29/2020 13:53	0:05	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 13:55	0:01	KWP	0.00088	14.37363	Oversupply
7/29/2020 13:59	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 13:59	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 14:03	0:03	5A	Data is not available	Data is not available	Oversupply
7/29/2020 14:03	0:03	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 14:09	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 14:09	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 14:10	0:01	KWP	0.00176	17.80220	Oversupply
7/29/2020 14:12	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 14:12	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 14:15	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 14:15	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 14:17	0:01	5A	Data is not available	Data is not available	Oversupply
7/29/2020 14:17	0:01	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 14:19	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 14:19	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 14:23	0:02	5A	Data is not available	Data is not available	Oversupply
7/29/2020 14:23	0:02	SAG	Data is not available	Data is not available	Oversupply
7/29/2020 14:26	0:03	5A	Data is not available	Data is not available	Oversupply
7/29/2020 14:26	0:03	SAG	Data is not available	Data is not available	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/29/2020 16:05	0:03	AWE	0.02404	16.90000	Oversupply
7/29/2020 16:16	0:01	SSA3	0.01548	0.05900	Oversupply
7/29/2020 16:18	0:20	SSA2	0.53396	0.58000	Oversupply
7/29/2020 16:18	0:19	SSA3	0.36708	1.41800	Oversupply
7/29/2020 16:19	0:19	KWPPII	1.79066	17.70971	Oversupply
7/29/2020 16:19	1:11	17-2	0.31166	0.72000	Oversupply
7/29/2020 16:37	0:01	SSA3	0.01389	0.06600	Oversupply
7/29/2020 16:38	0:01	SSA2	0.02614	0.19700	Oversupply
7/29/2020 16:38	0:01	SSA3	0.01359	0.55500	Oversupply
7/29/2020 16:38	0:01	SSA2	0.02614	0.64000	Oversupply
7/29/2020 16:39	0:01	SSA3	0.01359	1.16800	Oversupply
7/29/2020 16:39	0:01	SSA2	0.02614	1.12200	Oversupply
7/29/2020 16:39	0:01	SSA3	0.01329	0.17000	Oversupply
7/29/2020 16:40	0:01	SSA2	0.02614	0.58200	Oversupply
7/29/2020 16:40	0:01	SSA3	0.01418	0.13500	Oversupply
7/29/2020 16:41	0:01	SSA3	0.01329	0.07400	Oversupply
7/29/2020 16:41	0:01	SSA2	0.02614	0.69300	Oversupply
7/29/2020 16:42	0:01	SSA3	0.01329	0.10100	Oversupply
7/29/2020 16:42	0:01	SSA2	0.02614	0.35400	Oversupply
7/29/2020 16:42	0:01	SSA3	0.01418	0.14300	Oversupply
7/29/2020 16:43	0:01	SSA2	0.02614	0.27600	Oversupply
7/29/2020 16:43	0:14	SSA3	0.21537	0.07100	Oversupply
7/29/2020 16:44	0:14	SSA2	0.24769	0.02400	Oversupply
7/29/2020 16:45	0:13	KWPPII	0.39736	17.69375	Oversupply
7/29/2020 16:57	0:01	SSA3	0.01145	-0.00300	Oversupply
7/29/2020 16:58	0:01	SSA2	0.01477	0.04100	Oversupply
7/29/2020 17:03	0:01	SSA2	0.00345	1.86200	Oversupply
7/29/2020 17:04	0:01	SSA2	0.00345	1.76300	Oversupply
7/29/2020 17:04	0:01	SSA3	0.00076	0.83700	Oversupply
7/29/2020 17:09	0:01	SSA3	0.00078	0.78000	Oversupply
7/29/2020 17:10	0:01	SSA2	0.00345	0.12300	Oversupply
7/29/2020 17:11	0:01	SSA2	0.00345	1.45100	Oversupply
7/29/2020 17:12	0:01	SSA3	0.00076	0.74900	Oversupply
7/29/2020 17:12	0:01	SSA2	0.00345	0.98200	Oversupply
7/29/2020 17:12	0:01	SSA3	0.00076	0.44000	Oversupply
7/29/2020 17:13	0:01	SSA2	0.00345	0.15900	Oversupply
7/29/2020 17:13	0:01	SSA3	0.00074	0.46100	Oversupply
7/29/2020 17:14	0:01	SSA3	0.00261	0.41500	Oversupply
7/29/2020 17:14	0:01	SSA2	0.00615	0.45300	Oversupply
7/29/2020 17:15	0:03	SSA3	0.01130	0.01600	Oversupply
7/29/2020 17:15	0:03	SSA2	0.03351	0.04500	Oversupply
7/29/2020 17:16	0:03	KWPPII	0.01099	17.70672	Oversupply
7/29/2020 17:18	0:01	SSA3	0.00273	0.00000	Oversupply
7/29/2020 22:02	0:24	KWPPII	5.17562	17.71371	Oversupply
7/29/2020 22:09	0:07	AWE	0.09250	16.00000	Oversupply
7/29/2020 22:17	0:05	AWE	0.16789	15.70000	Oversupply
7/29/2020 22:27	0:38	KWPPII	8.99938	16.20979	Oversupply
7/29/2020 22:30	0:25	AWE	1.62765	21.00000	Oversupply
7/29/2020 22:56	0:01	AWE	0.00939	15.80000	Oversupply
7/29/2020 23:07	4:10	KWPPII	52.77666	16.21677	Oversupply
7/29/2020 23:16	0:14	AWE	0.92083	21.00000	Oversupply
7/29/2020 23:31	0:20	AWE	1.12574	21.00000	Oversupply
7/29/2020 23:52	0:12	AWE	0.44940	21.00000	Oversupply
7/30/2020 0:06	0:31	AWE	1.60826	21.00000	Oversupply
7/30/2020 1:22	0:10	AWE	0.21583	13.00000	Oversupply
7/30/2020 3:08	0:01	AWE	0.00710	12.10000	Oversupply
7/30/2020 3:10	0:02	AWE	0.01203	11.10000	Oversupply
7/30/2020 3:18	0:22	KWPPII	4.81474	16.21677	Oversupply
7/30/2020 3:29	0:02	AWE	0.05531	12.30000	Oversupply
7/30/2020 3:41	0:19	KWPPII	4.22814	16.21677	Oversupply
7/30/2020 3:52	0:03	AWE	0.04333	13.30000	Oversupply
7/30/2020 4:02	1:03	KWPPII	5.59311	16.21677	Oversupply
7/30/2020 6:30	0:01	AWE	0.00500	0.30000	Oversupply
7/30/2020 7:00	9:38	SSA2	19.44540	0.03900	Oversupply
7/30/2020 7:00	0:30	SSA3	0.14777	0.07200	Oversupply
7/30/2020 7:01	10:51	17-2	5.55105	0.75000	Oversupply
7/30/2020 7:02	0:56	KWPPII	10.69126	16.21677	Oversupply
7/30/2020 7:25	0:02	AWE	0.02250	18.50000	Oversupply
7/30/2020 7:28	0:11	AWE	0.41928	20.80000	Oversupply
7/30/2020 7:30	9:08	SSA3	19.88850	-0.00300	Oversupply
7/30/2020 7:40	0:01	AWE	0.00014	17.00000	Oversupply
7/30/2020 7:42	0:05	AWE	0.04472	17.80000	Oversupply
7/30/2020 7:48	0:06	AWE	0.12508	18.80000	Oversupply
7/30/2020 7:59	9:51	KWPPII	161.78815	17.71371	Oversupply
7/30/2020 8:02	8:28	AWE	126.51693	21.00000	Oversupply





**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/30/2020 9:19	0:08	5A	Data is not available	Data is not available	Oversupply
7/30/2020 9:19	0:08	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 9:20	0:01	KWP	0.00088	28.56264	Oversupply
7/30/2020 9:29	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 9:29	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 9:31	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 9:31	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 9:32	0:01	KWP	0.00176	24.23736	Oversupply
7/30/2020 9:33	0:04	5A	Data is not available	Data is not available	Oversupply
7/30/2020 9:33	0:04	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 9:34	0:01	KWP	0.00176	24.07912	Oversupply
7/30/2020 9:36	0:01	KWP	0.00176	22.54945	Oversupply
7/30/2020 9:38	0:09	5A	Data is not available	Data is not available	Oversupply
7/30/2020 9:38	0:09	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 9:45	0:02	KWP	0.00352	18.59341	Oversupply
7/30/2020 9:48	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 9:48	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 9:50	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 9:50	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 9:52	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 9:52	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 9:55	0:03	5A	Data is not available	Data is not available	Oversupply
7/30/2020 9:55	0:03	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 9:56	0:01	KWP	0.00088	21.23077	Oversupply
7/30/2020 9:59	0:03	5A	Data is not available	Data is not available	Oversupply
7/30/2020 9:59	0:03	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 9:59	0:01	KWP	0.00088	19.33187	Oversupply
7/30/2020 10:03	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 10:03	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 10:05	0:04	5A	Data is not available	Data is not available	Oversupply
7/30/2020 10:05	0:04	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 10:10	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 10:10	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 10:12	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 10:12	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 10:14	0:03	5A	Data is not available	Data is not available	Oversupply
7/30/2020 10:14	0:03	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 10:17	0:01	KWP	0.00176	11.78901	Oversupply
7/30/2020 10:19	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 10:19	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 10:22	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 10:22	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 10:23	0:01	KWP	0.00088	16.06154	Oversupply
7/30/2020 10:24	0:03	5A	Data is not available	Data is not available	Oversupply
7/30/2020 10:24	0:03	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 10:28	0:02	5A	Data is not available	Data is not available	Oversupply
7/30/2020 10:28	0:02	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 10:28	0:02	KWP	0.00176	14.42637	Oversupply
7/30/2020 10:31	0:03	5A	Data is not available	Data is not available	Oversupply
7/30/2020 10:31	0:03	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 10:33	0:01	KWP	0.00088	13.58242	Oversupply
7/30/2020 10:36	0:07	5A	Data is not available	Data is not available	Oversupply
7/30/2020 10:36	0:07	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 10:37	0:01	KWP	0.00088	14.16264	Oversupply
7/30/2020 10:42	0:01	KWP	0.00176	12.89670	Oversupply
7/30/2020 10:44	0:03	5A	Data is not available	Data is not available	Oversupply
7/30/2020 10:44	0:03	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 10:45	0:01	KWP	0.00176	11.68352	Oversupply
7/30/2020 10:48	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 10:48	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 10:50	0:07	5A	Data is not available	Data is not available	Oversupply
7/30/2020 10:50	0:07	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:00	0:02	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:00	0:02	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:02	0:01	KWP	0.00176	10.25934	Oversupply
7/30/2020 11:03	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:03	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:06	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:06	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:08	0:02	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:08	0:02	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:11	0:09	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:11	0:09	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:21	0:04	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:21	0:04	SAG	Data is not available	Data is not available	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/30/2020 11:21	0:01	KWP	0.00088	8.88791	Oversupply
7/30/2020 11:26	0:01	KWP	0.00264	8.99341	Oversupply
7/30/2020 11:27	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:27	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:29	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:29	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:31	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:31	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:33	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:33	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:35	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:35	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:37	0:03	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:37	0:03	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:42	0:02	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:42	0:02	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:42	0:01	KWP	0.00176	9.89011	Oversupply
7/30/2020 11:45	0:03	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:45	0:03	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:47	0:01	KWP	0.00146	9.67912	Oversupply
7/30/2020 11:49	0:02	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:49	0:02	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:52	0:02	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:52	0:02	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:52	0:01	KWP	0.00176	8.72967	Oversupply
7/30/2020 11:54	0:01	KWP	0.00088	7.35824	Oversupply
7/30/2020 11:55	0:03	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:55	0:03	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 11:59	0:04	5A	Data is not available	Data is not available	Oversupply
7/30/2020 11:59	0:04	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 12:03	0:01	KWP	0.00139	7.72747	Oversupply
7/30/2020 12:04	0:03	5A	Data is not available	Data is not available	Oversupply
7/30/2020 12:04	0:03	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 12:05	0:01	KWP	0.00088	7.20000	Oversupply
7/30/2020 12:09	0:04	5A	Data is not available	Data is not available	Oversupply
7/30/2020 12:09	0:04	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 12:15	0:06	5A	Data is not available	Data is not available	Oversupply
7/30/2020 12:15	0:06	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 12:20	0:01	KWP	0.00088	7.46374	Oversupply
7/30/2020 12:22	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 12:22	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 12:24	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 12:24	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 12:24	0:01	KWP	0.00264	6.88352	Oversupply
7/30/2020 12:26	0:04	5A	Data is not available	Data is not available	Oversupply
7/30/2020 12:26	0:04	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 12:31	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 12:31	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 12:33	0:06	5A	Data is not available	Data is not available	Oversupply
7/30/2020 12:33	0:06	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 12:40	0:04	5A	Data is not available	Data is not available	Oversupply
7/30/2020 12:40	0:04	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 12:40	0:01	KWP	0.00088	7.30549	Oversupply
7/30/2020 12:45	0:01	KWP	0.00088	8.46593	Oversupply
7/30/2020 12:46	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 12:46	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 12:48	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 12:48	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 12:50	0:09	5A	Data is not available	Data is not available	Oversupply
7/30/2020 12:50	0:09	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 12:57	0:01	KWP	0.00176	8.36044	Oversupply
7/30/2020 13:01	0:02	5A	Data is not available	Data is not available	Oversupply
7/30/2020 13:01	0:02	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 13:06	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 13:06	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 13:12	0:06	5A	Data is not available	Data is not available	Oversupply
7/30/2020 13:12	0:06	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 13:17	0:01	KWP	0.00176	17.74945	Oversupply
7/30/2020 13:21	0:04	5A	Data is not available	Data is not available	Oversupply
7/30/2020 13:21	0:04	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 13:23	0:01	KWP	0.00088	19.96483	Oversupply
7/30/2020 13:26	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 13:26	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 13:28	0:02	5A	Data is not available	Data is not available	Oversupply
7/30/2020 13:28	0:02	SAG	Data is not available	Data is not available	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/30/2020 13:31	0:07	5A	Data is not available	Data is not available	Oversupply
7/30/2020 13:31	0:07	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 13:31	0:01	KWP	0.00088	18.27692	Oversupply
7/30/2020 13:39	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 13:39	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 13:42	0:04	5A	Data is not available	Data is not available	Oversupply
7/30/2020 13:42	0:04	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 13:42	0:02	KWP	0.00176	12.94945	Oversupply
7/30/2020 13:45	0:01	KWP	0.00088	12.73846	Oversupply
7/30/2020 13:48	0:03	5A	Data is not available	Data is not available	Oversupply
7/30/2020 13:48	0:03	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 13:49	0:02	KWP	0.00264	14.42637	Oversupply
7/30/2020 13:53	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 13:53	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 13:57	0:02	5A	Data is not available	Data is not available	Oversupply
7/30/2020 13:57	0:02	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 14:00	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 14:00	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 14:02	0:08	5A	Data is not available	Data is not available	Oversupply
7/30/2020 14:02	0:08	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 14:05	0:01	KWP	0.00131	15.37582	Oversupply
7/30/2020 14:13	0:02	5A	Data is not available	Data is not available	Oversupply
7/30/2020 14:13	0:02	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 14:17	0:05	5A	Data is not available	Data is not available	Oversupply
7/30/2020 14:17	0:05	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 14:19	0:01	KWP	0.00176	20.86154	Oversupply
7/30/2020 14:23	0:02	5A	Data is not available	Data is not available	Oversupply
7/30/2020 14:23	0:02	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 14:26	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 14:26	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 14:28	0:03	5A	Data is not available	Data is not available	Oversupply
7/30/2020 14:28	0:03	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 14:31	0:01	KWP	0.00088	19.80659	Oversupply
7/30/2020 14:32	0:02	5A	Data is not available	Data is not available	Oversupply
7/30/2020 14:32	0:02	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 14:36	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 14:36	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 14:39	0:06	5A	Data is not available	Data is not available	Oversupply
7/30/2020 14:39	0:06	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 14:39	0:02	KWP	0.00352	21.75824	Oversupply
7/30/2020 14:42	0:01	KWP	0.00088	20.96703	Oversupply
7/30/2020 14:47	0:08	5A	Data is not available	Data is not available	Oversupply
7/30/2020 14:47	0:08	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 14:47	0:01	KWP	0.00352	22.28572	Oversupply
7/30/2020 14:49	0:01	KWP	0.00088	21.96923	Oversupply
7/30/2020 14:55	0:01	KWP	0.00088	19.64835	Oversupply
7/30/2020 14:56	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 14:56	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 14:57	0:01	KWP	0.00088	20.28132	Oversupply
7/30/2020 14:58	0:04	5A	Data is not available	Data is not available	Oversupply
7/30/2020 14:58	0:04	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 15:03	0:01	5A	Data is not available	Data is not available	Oversupply
7/30/2020 15:03	0:01	SAG	Data is not available	Data is not available	Oversupply
7/30/2020 15:04	0:01	KWP	0.00440	22.60220	Oversupply
7/30/2020 16:32	0:01	AWE	0.00107	21.00000	Oversupply
7/30/2020 16:38	0:01	SSA2	0.02913	0.00300	Oversupply
7/30/2020 16:38	0:01	SSA3	0.01608	-0.00200	Oversupply
7/30/2020 16:38	1:11	SSA3	1.12254	0.00900	Oversupply
7/30/2020 16:38	1:11	SSA2	1.77777	0.00200	Oversupply
7/30/2020 17:49	0:01	SSA3	0.00490	-0.00400	Oversupply
7/30/2020 17:49	0:01	SSA2	0.00799	0.00100	Oversupply
7/30/2020 17:50	0:01	SSA3	0.00490	0.07800	Oversupply
7/30/2020 17:53	0:01	SSA3	0.00500	0.48400	Oversupply
7/30/2020 17:54	0:01	SSA2	0.00799	0.41500	Oversupply
7/30/2020 17:54	0:01	SSA3	0.00500	0.49600	Oversupply
7/30/2020 17:55	0:02	17-2	0.00292	0.09600	Oversupply
7/30/2020 17:55	0:01	SSA2	0.00799	0.17900	Oversupply
7/30/2020 17:55	0:01	SSA3	0.00490	0.22900	Oversupply
7/30/2020 17:55	0:01	SSA3	0.00490	0.44500	Oversupply
7/30/2020 17:55	0:01	SSA2	0.00799	0.59200	Oversupply
7/30/2020 19:49	1:44	KWP11	15.47794	17.71371	Oversupply
7/30/2020 20:44	0:03	AWE	0.06241	21.00000	Oversupply
7/30/2020 21:18	0:09	AWE	0.23450	19.20000	Oversupply
7/30/2020 21:34	1:51	KWP11	27.32058	16.21677	Oversupply
7/30/2020 21:47	0:02	AWE	0.01149	12.30000	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/30/2020 21:50	0:06	AWE	0.03091	12.70000	Oversupply
7/30/2020 21:58	0:52	AWE	6.62734	20.90000	Oversupply
7/30/2020 22:57	0:03	AWE	0.01006	14.60000	Oversupply
7/30/2020 23:10	0:03	AWE	0.01647	12.20000	Oversupply
7/30/2020 23:14	0:02	AWE	0.01357	11.00000	Oversupply
7/30/2020 23:20	0:02	AWE	0.00918	9.60000	Oversupply
7/30/2020 23:28	0:04	KWP	0.25082	14.71984	Oversupply
7/31/2020 0:22	5:20	KWP	71.93014	16.21677	Oversupply
7/31/2020 1:17	0:01	AWE	0.00333	0.20000	Oversupply
7/31/2020 1:42	0:39	AWE	3.05846	18.40000	Oversupply
7/31/2020 2:24	0:15	AWE	1.20101	17.50000	Oversupply
7/31/2020 2:51	2:46	AWE	17.75132	21.00000	Oversupply
7/31/2020 5:44	10:03	KWP	163.02360	19.21064	Oversupply
7/31/2020 5:47	0:03	AWE	0.03814	19.60000	Oversupply
7/31/2020 6:11	9:36	SSA3	18.70323	0.02300	Oversupply
7/31/2020 6:13	9:33	SSA2	16.78422	0.00300	Oversupply
7/31/2020 6:26	0:03	AWE	0.00917	21.00000	Oversupply
7/31/2020 6:29	9:18	17-2	5.17810	0.75000	Oversupply
7/31/2020 6:52	0:01	AWE	0.00573	19.30000	Oversupply
7/31/2020 6:54	0:03	AWE	0.02395	19.90000	Oversupply
7/31/2020 7:09	8:14	AWE	108.87027	21.00000	Oversupply
7/31/2020 8:56	0:05	5A	Data is not available	Data is not available	Oversupply
7/31/2020 8:56	0:05	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 8:57	0:01	KWP	0.00264	22.23297	Oversupply
7/31/2020 9:02	0:03	5A	Data is not available	Data is not available	Oversupply
7/31/2020 9:02	0:03	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 9:06	0:03	5A	Data is not available	Data is not available	Oversupply
7/31/2020 9:06	0:03	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 9:08	0:01	KWP	0.00088	19.96483	Oversupply
7/31/2020 9:11	0:08	5A	Data is not available	Data is not available	Oversupply
7/31/2020 9:11	0:08	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 9:14	0:01	KWP	0.00088	20.22857	Oversupply
7/31/2020 9:17	0:02	KWP	0.00176	18.38242	Oversupply
7/31/2020 9:20	0:06	5A	Data is not available	Data is not available	Oversupply
7/31/2020 9:20	0:06	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 9:24	0:01	KWP	0.00042	16.85275	Oversupply
7/31/2020 9:27	0:03	5A	Data is not available	Data is not available	Oversupply
7/31/2020 9:27	0:03	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 9:31	0:08	5A	Data is not available	Data is not available	Oversupply
7/31/2020 9:31	0:08	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 9:34	0:01	KWP	0.00088	15.42857	Oversupply
7/31/2020 9:42	0:06	5A	Data is not available	Data is not available	Oversupply
7/31/2020 9:42	0:06	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 9:49	0:03	5A	Data is not available	Data is not available	Oversupply
7/31/2020 9:49	0:03	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 9:49	0:01	KWP	0.00094	12.89670	Oversupply
7/31/2020 9:53	0:02	5A	Data is not available	Data is not available	Oversupply
7/31/2020 9:53	0:02	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 9:53	0:01	KWP	0.00035	12.26374	Oversupply
7/31/2020 9:56	0:03	5A	Data is not available	Data is not available	Oversupply
7/31/2020 9:56	0:03	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 9:57	0:01	KWP	0.00176	11.73626	Oversupply
7/31/2020 10:00	0:10	5A	Data is not available	Data is not available	Oversupply
7/31/2020 10:00	0:10	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 10:07	0:01	KWP	0.00088	8.30769	Oversupply
7/31/2020 10:09	0:02	KWP	0.00264	8.09670	Oversupply
7/31/2020 10:11	0:02	5A	Data is not available	Data is not available	Oversupply
7/31/2020 10:11	0:02	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 10:14	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 10:14	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 10:16	0:02	5A	Data is not available	Data is not available	Oversupply
7/31/2020 10:16	0:02	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 10:18	0:01	KWP	0.00088	8.57143	Oversupply
7/31/2020 10:19	0:03	5A	Data is not available	Data is not available	Oversupply
7/31/2020 10:19	0:03	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 10:23	0:01	KWP	0.00176	7.35824	Oversupply
7/31/2020 10:24	0:09	5A	Data is not available	Data is not available	Oversupply
7/31/2020 10:24	0:09	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 10:26	0:01	KWP	0.00088	6.25055	Oversupply
7/31/2020 10:31	0:01	KWP	0.00088	4.50989	Oversupply
7/31/2020 10:33	0:01	KWP	0.00088	4.19341	Oversupply
7/31/2020 10:34	0:08	5A	Data is not available	Data is not available	Oversupply
7/31/2020 10:34	0:08	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 10:36	0:01	KWP	0.00264	4.40440	Oversupply
7/31/2020 10:38	0:01	KWP	0.00088	3.82418	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/31/2020 10:43	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 10:43	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 10:44	0:01	KWP	0.00088	4.72088	Oversupply
7/31/2020 10:45	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 10:45	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 10:47	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 10:47	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 10:49	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 10:49	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 10:50	0:01	KWP	0.00176	4.45714	Oversupply
7/31/2020 10:51	0:02	5A	Data is not available	Data is not available	Oversupply
7/31/2020 10:51	0:02	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 10:54	0:09	5A	Data is not available	Data is not available	Oversupply
7/31/2020 10:54	0:09	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 11:04	0:07	5A	Data is not available	Data is not available	Oversupply
7/31/2020 11:04	0:07	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 11:12	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 11:12	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 11:12	0:01	KWP	0.00088	3.19121	Oversupply
7/31/2020 11:14	0:02	5A	Data is not available	Data is not available	Oversupply
7/31/2020 11:14	0:02	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 11:17	0:02	5A	Data is not available	Data is not available	Oversupply
7/31/2020 11:17	0:02	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 11:18	0:01	KWP	0.00088	3.24396	Oversupply
7/31/2020 11:20	0:03	5A	Data is not available	Data is not available	Oversupply
7/31/2020 11:20	0:03	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 11:24	0:02	5A	Data is not available	Data is not available	Oversupply
7/31/2020 11:24	0:02	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 11:24	0:01	KWP	0.00176	1.92527	Oversupply
7/31/2020 11:27	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 11:27	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 11:29	0:02	5A	Data is not available	Data is not available	Oversupply
7/31/2020 11:29	0:02	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 11:30	0:01	KWP	0.00088	4.98462	Oversupply
7/31/2020 11:41	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 11:41	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 11:41	0:01	KWP	0.00088	12.42198	Oversupply
7/31/2020 11:43	0:05	5A	Data is not available	Data is not available	Oversupply
7/31/2020 11:43	0:05	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 11:44	0:01	KWP	0.00088	12.42198	Oversupply
7/31/2020 11:50	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 11:50	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 11:53	0:04	5A	Data is not available	Data is not available	Oversupply
7/31/2020 11:53	0:04	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 11:53	0:01	KWP	0.00088	12.47473	Oversupply
7/31/2020 11:58	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 11:58	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 12:00	0:04	5A	Data is not available	Data is not available	Oversupply
7/31/2020 12:00	0:04	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 12:00	0:01	KWP	0.00088	13.00220	Oversupply
7/31/2020 12:03	0:01	KWP	0.00088	11.41978	Oversupply
7/31/2020 12:05	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 12:05	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 12:06	0:01	KWP	0.00088	11.52527	Oversupply
7/31/2020 12:07	0:13	5A	Data is not available	Data is not available	Oversupply
7/31/2020 12:07	0:13	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 12:12	0:01	KWP	0.00176	10.04835	Oversupply
7/31/2020 12:21	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 12:21	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 12:24	0:02	5A	Data is not available	Data is not available	Oversupply
7/31/2020 12:24	0:02	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 12:24	0:01	KWP	0.00352	13.21319	Oversupply
7/31/2020 12:28	0:03	5A	Data is not available	Data is not available	Oversupply
7/31/2020 12:28	0:03	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 12:31	0:01	KWP	0.00088	14.00440	Oversupply
7/31/2020 12:32	0:02	5A	Data is not available	Data is not available	Oversupply
7/31/2020 12:32	0:02	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 12:33	0:01	KWP	0.00088	13.58242	Oversupply
7/31/2020 12:35	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 12:35	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 12:37	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 12:37	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 12:37	0:01	KWP	0.00088	14.26813	Oversupply
7/31/2020 12:39	0:04	5A	Data is not available	Data is not available	Oversupply
7/31/2020 12:39	0:04	SAG	Data is not available	Data is not available	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/31/2020 12:40	0:01	KWP	0.00088	14.58462	Oversupply
7/31/2020 12:44	0:05	5A	Data is not available	Data is not available	Oversupply
7/31/2020 12:44	0:05	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 12:46	0:01	KWP	0.00088	15.37582	Oversupply
7/31/2020 12:51	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 12:51	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 12:53	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 12:53	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 12:59	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 12:59	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 13:02	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 13:02	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 13:04	0:04	5A	Data is not available	Data is not available	Oversupply
7/31/2020 13:04	0:04	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 13:23	0:06	5A	Data is not available	Data is not available	Oversupply
7/31/2020 13:23	0:06	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 13:28	0:01	KWP	0.00088	22.81319	Oversupply
7/31/2020 13:30	0:08	5A	Data is not available	Data is not available	Oversupply
7/31/2020 13:30	0:08	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 13:31	0:01	KWP	0.00199	21.75824	Oversupply
7/31/2020 13:39	0:04	5A	Data is not available	Data is not available	Oversupply
7/31/2020 13:39	0:04	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 13:43	0:01	KWP	0.00088	19.54286	Oversupply
7/31/2020 13:48	0:04	5A	Data is not available	Data is not available	Oversupply
7/31/2020 13:48	0:04	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 13:53	0:06	5A	Data is not available	Data is not available	Oversupply
7/31/2020 13:53	0:06	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 14:01	0:02	5A	Data is not available	Data is not available	Oversupply
7/31/2020 14:01	0:02	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 14:08	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 14:08	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 14:14	0:01	5A	Data is not available	Data is not available	Oversupply
7/31/2020 14:14	0:01	SAG	Data is not available	Data is not available	Oversupply
7/31/2020 15:24	0:12	AWE	0.27462	20.00000	Oversupply
7/31/2020 15:37	0:02	AWE	0.02997	21.00000	Oversupply
7/31/2020 15:40	0:01	AWE	0.00627	20.20000	Oversupply
7/31/2020 15:48	0:01	SSA3	0.00823	0.65000	Oversupply
7/31/2020 15:49	0:01	SSA3	0.00841	0.78400	Oversupply
7/31/2020 15:50	2:24	17-2	0.81826	0.75000	Oversupply
7/31/2020 15:50	1:31	SSA2	1.71797	1.20400	Oversupply
7/31/2020 15:50	1:30	SSA3	1.42795	0.80600	Oversupply
7/31/2020 15:51	1:30	KWP/II	20.80740	14.71285	Oversupply
7/31/2020 16:03	0:05	AWE	0.12641	20.00000	Oversupply
7/31/2020 16:09	0:27	AWE	1.14264	21.00000	Oversupply
7/31/2020 16:41	0:13	AWE	0.22244	21.00000	Oversupply
7/31/2020 16:55	0:19	AWE	0.63492	21.00000	Oversupply
7/31/2020 17:20	0:01	SSA3	0.01195	-0.00100	Oversupply
7/31/2020 17:21	0:01	SSA2	0.02146	0.10100	Oversupply
7/31/2020 17:21	0:01	SSA3	0.01221	0.08900	Oversupply
7/31/2020 17:21	0:49	SSA2	0.92089	0.00000	Oversupply
7/31/2020 17:21	0:01	SSA3	0.01169	0.06000	Oversupply
7/31/2020 17:22	0:50	KWP/II	5.87860	16.21677	Oversupply
7/31/2020 17:22	0:51	SSA3	0.43532	0.00400	Oversupply
7/31/2020 18:11	0:01	SSA2	0.01146	-0.00200	Oversupply
7/31/2020 18:12	0:02	SSA2	0.02292	0.05500	Oversupply
7/31/2020 18:13	0:01	KWP/II	0.00234	16.21677	Oversupply
7/31/2020 18:21	0:02	SSA3	0.00479	0.15300	Oversupply
7/31/2020 18:21	0:05	SSA2	0.01885	0.55200	Oversupply
7/31/2020 18:22	0:05	17-2	0.00520	0.07300	Oversupply
7/31/2020 18:23	0:01	KWP/II	0.00485	16.21677	Oversupply
7/31/2020 18:24	0:01	SSA3	0.00154	0.07000	Oversupply
7/31/2020 18:26	0:01	KWP/II	0.00048	16.21677	Oversupply
7/31/2020 18:26	0:01	SSA3	0.00161	0.06300	Oversupply
7/31/2020 18:31	0:01	SSA3	0.00091	0.11400	Oversupply
7/31/2020 18:33	0:01	SSA2	0.00045	0.31700	Oversupply
7/31/2020 18:33	0:01	SSA3	0.00091	0.02100	Oversupply
7/31/2020 18:34	0:01	17-2	0.00077	0.04800	Oversupply
7/31/2020 18:35	0:01	KWP/II	0.00084	17.71171	Oversupply
7/31/2020 18:39	0:01	SSA2	0.00045	0.22700	Oversupply
7/31/2020 18:44	0:02	17-2	0.00060	0.03700	Oversupply
7/31/2020 18:44	0:02	SSA2	0.00307	0.08400	Oversupply
7/31/2020 18:45	0:01	KWP/II	0.00046	17.71371	Oversupply
7/31/2020 18:50	0:01	17-2	0.00007	0.02500	Oversupply
7/31/2020 19:46	0:17	KWP/II	0.66605	17.29057	Oversupply
7/31/2020 20:05	0:01	KWP/II	0.01671	14.42145	Oversupply



**Maui Curtailment Report**

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
7/31/2020 20:08	0:22	KWP/II	0.64866	15.82458	Oversupply
7/31/2020 21:06	0:01	KWP/II	0.00068	12.37764	Oversupply
7/31/2020 21:11	0:48	KWP/II	8.06826	17.49216	Oversupply
7/31/2020 21:50	0:01	AWE	0.00467	18.90000	Oversupply
7/31/2020 21:52	0:03	AWE	0.04222	18.80000	Oversupply
7/31/2020 22:01	1:13	KWP/II	17.20271	17.44526	Oversupply
7/31/2020 22:29	0:01	AWE	0.00536	17.40000	Oversupply
7/31/2020 22:32	0:12	AWE	0.35354	19.50000	Oversupply
7/31/2020 22:49	0:03	AWE	0.01599	14.60000	Oversupply
7/31/2020 22:58	0:01	AWE	0.00383	13.10000	Oversupply
7/31/2020 23:00	0:04	AWE	0.06416	13.70000	Oversupply
7/31/2020 23:05	0:05	AWE	0.06021	12.70000	Oversupply
7/31/2020 23:15	0:45	KWP/II	6.79363	17.68277	Oversupply
<b>Total Estimated Curtailed MWH</b>			<b>5,556.492</b>		

**Notes:**

- Curtailment for Kaheawa Wind Power ("KWP"), Makila Hydroelectric ("MH"), AAAAA Rent-A-Space Maui LTD ("5A"), Strategic Alliance Group ("SAG") fka Bioreal Solar, LLC ("BS"), Auwahi Wind Energy ("AWE"), Kaheawa Wind Power II ("KWP/II") Bioreal Solar 250, LLC ("BS250"), Extra Spaces A ("ESA"), Extra Spaces B ("ESB"), SSA Solar of Hawaii 3 ("SSA3") fka South Maui Renewable Resources ("SMRR"), SSA Solar of HI 2 ("SSA2") fka Ku'ia Solar ("KS"), and Maui 17-2 ("17-2") may now be controlled by Maui Electric's Automatic Generation Control System ("AGC") or a Maui Electric operator-entered curtailment limit. The AGC curtailment control automatically calculates the amount of Maximum Allowable Variable Generation ("MAVG") that Maui Electric can accept into the Maui system, based on the system current available variable generation ("CAVG"), regulating reserve down requirement ("RRDR"), and available regulating reserve down ("ARRD"). Thus, the AGC MAVG - calculated is equal to CAVG less (RRDR less ARRD). Additionally, the AGC curtailment control allows the Maui Electric operator to enter an AGC MAVG value. The AGC curtailment control will employ the lesser of the AGC MAVG - calculated and AGC MAVG - entered values in the control logic.
- Curtailment signals sent to 5A, SAG (fka BS), BS250, ESA, ESB, SSA3 (fka SMRR), SSA2 (fka KS) and 17-2 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, SAG, BS 250, ESA, ESB, and MH
- The MH, ESA, and ESB facilities were offline for the entire month of July 2020. No curtailment events recorded.
- The Estimated Curtailed MWH and Peak MW Curtailed are calculated with information provided by AWE, KWP, KWP/II, SSA 2 (fka KS), SSA 3 (fka SMRR) and 17-2. Maui Electric does not make any representation as to its accuracy.
- The SSA2 Curtailment Event listed as System Constraint is due to IPP communications control issues.



Lanai Curtailment Report

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
7/1/2020 10:14	2:59	LSR	Data is not available	Data is not available	Oversupply
7/2/2020 14:45	0:36	LSR	Data is not available	Data is not available	Oversupply
7/2/2020 15:23	0:05	LSR	Data is not available	Data is not available	Oversupply
7/2/2020 15:34	0:58	LSR	Data is not available	Data is not available	Oversupply
7/3/2020 7:59	0:04	LSR	Data is not available	Data is not available	Oversupply
7/3/2020 8:23	0:39	LSR	Data is not available	Data is not available	Oversupply
7/3/2020 9:08	0:11	LSR	Data is not available	Data is not available	Oversupply
7/3/2020 9:21	0:03	LSR	Data is not available	Data is not available	Oversupply
7/3/2020 9:26	0:28	LSR	Data is not available	Data is not available	Oversupply
7/3/2020 9:57	0:27	LSR	Data is not available	Data is not available	Oversupply
7/3/2020 10:48	0:02	LSR	Data is not available	Data is not available	Oversupply
7/3/2020 11:16	1:41	LSR	Data is not available	Data is not available	Oversupply
7/6/2020 8:29	3:59	LSR	Data is not available	Data is not available	Oversupply
7/6/2020 12:31	0:01	LSR	Data is not available	Data is not available	Oversupply
7/6/2020 13:09	4:41	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 7:36	1:05	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 8:42	0:12	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 8:55	0:03	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 9:05	0:02	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 9:09	0:01	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 9:14	0:02	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 9:57	0:04	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 10:21	0:02	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 10:24	0:01	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 10:26	0:03	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 10:30	0:28	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 11:00	0:13	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 11:26	0:06	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 11:36	0:14	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 11:51	0:04	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 12:06	0:02	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 12:13	0:03	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 12:23	0:03	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 12:27	0:07	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 13:30	0:03	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 13:41	0:01	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 13:44	0:09	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 13:56	0:03	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 14:01	0:01	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 14:22	0:10	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 14:33	0:04	LSR	Data is not available	Data is not available	Oversupply
7/7/2020 14:40	0:06	LSR	Data is not available	Data is not available	Oversupply
7/8/2020 10:33	4:50	LSR	Data is not available	Data is not available	Oversupply
7/9/2020 7:40	1:10	LSR	Data is not available	Data is not available	Oversupply
7/9/2020 8:51	4:11	LSR	Data is not available	Data is not available	Oversupply
7/9/2020 13:18	0:08	LSR	Data is not available	Data is not available	Oversupply
7/9/2020 13:31	0:33	LSR	Data is not available	Data is not available	Oversupply
7/9/2020 14:39	1:40	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 8:07	1:05	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 9:56	0:01	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 9:59	0:01	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 10:07	0:04	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 10:12	0:02	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 10:17	0:02	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 10:23	0:01	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 11:48	0:03	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 11:55	0:05	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 12:08	0:07	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 12:17	0:02	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 12:24	0:01	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 12:34	0:01	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 12:38	0:02	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 12:50	0:02	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 13:12	0:04	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 13:37	0:01	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 14:36	0:01	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 14:50	0:03	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 15:05	0:02	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 15:11	0:03	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 15:16	0:02	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 15:40	0:01	LSR	Data is not available	Data is not available	Oversupply
7/10/2020 16:00	0:01	LSR	Data is not available	Data is not available	Oversupply
7/11/2020 8:11	0:08	LSR	Data is not available	Data is not available	Oversupply
7/11/2020 8:21	0:22	LSR	Data is not available	Data is not available	Oversupply
7/11/2020 8:44	0:02	LSR	Data is not available	Data is not available	Oversupply
7/11/2020 8:48	0:07	LSR	Data is not available	Data is not available	Oversupply
7/11/2020 8:56	0:23	LSR	Data is not available	Data is not available	Oversupply
7/11/2020 9:20	0:01	LSR	Data is not available	Data is not available	Oversupply
7/11/2020 9:22	0:01	LSR	Data is not available	Data is not available	Oversupply
7/11/2020 9:34	0:06	LSR	Data is not available	Data is not available	Oversupply
7/11/2020 9:41	0:05	LSR	Data is not available	Data is not available	Oversupply
7/11/2020 9:54	0:02	LSR	Data is not available	Data is not available	Oversupply
7/11/2020 10:06	0:01	LSR	Data is not available	Data is not available	Oversupply
7/13/2020 7:08	0:29	LSR	Data is not available	Data is not available	Oversupply
7/13/2020 7:44	0:17	LSR	Data is not available	Data is not available	Oversupply
7/13/2020 8:03	0:46	LSR	Data is not available	Data is not available	Oversupply
7/13/2020 8:54	2:12	LSR	Data is not available	Data is not available	Oversupply
7/13/2020 11:07	0:01	LSR	Data is not available	Data is not available	Oversupply





Lanai Curtailment Report

July 2020

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
7/13/2020 11:12	2:04	LSR	Data is not available	Data is not available	Oversupply
7/14/2020 7:30	0:23	LSR	Data is not available	Data is not available	Oversupply
7/14/2020 8:01	0:41	LSR	Data is not available	Data is not available	Oversupply
7/14/2020 8:59	4:48	LSR	Data is not available	Data is not available	Oversupply
7/16/2020 9:38	1:50	LSR	Data is not available	Data is not available	Oversupply
7/17/2020 7:18	2:12	LSR	Data is not available	Data is not available	Oversupply

Notes:  
On June 27, 2012, Maui Electric notified LSR that although LSR has not operated in compliance with the revised ramp rate of 360 kW/minute, Maui Electric would conditionally allow LSR to operate at the allowed capacity of 1.2 MW while the Maui Electric-Lanai Diesel Operator was in the control room.  
LSR possible output data is not available. Therefore, Maui Electric assumes LSR is curtailed if the LSR curtailment set point is less than 1,200 kW and LSR's output is within 70 kW of the curtailment set point.  
The curtailment reasons have been modified to oversupply, system constraints, and facility requested, to provide continuity with HPUC Docket No. 2013-0141 Decoupling for HECO companies metrics.

Hawai'i Electric Light Company Curtailment Report July 2020

Start Date/Time	MW output prior to start of curtailment	End Date/Time	MW output after curtailment released <sup>1</sup>	IPP	Reason for Curtailment
07/13/20 08:18	14.2 MW	07/13/20 08:46	14.0 MW	Pakini Nui Windfarm	System Constraint
07/13/20 13:40	16.9 MW	07/13/20 14:19	18.2 MW	Pakini Nui Windfarm	System Constraint
07/15/20 08:46	15.4 MW	07/15/20 09:20	15.0 MW	Pakini Nui Windfarm	System Constraint
07/15/20 13:43	9.6 MW	07/15/20 13:50	9.3 MW	Pakini Nui Windfarm	System Constraint
07/16/20 13:34	13.1 MW	07/16/20 14:27	10.0 MW	Pakini Nui Windfarm	System Constraint
07/17/20 08:16	11.3 MW	07/17/20 08:45	10.7 MW	Pakini Nui Windfarm	System Constraint
07/17/20 13:27	19.8 MW	07/17/20 13:52	14.1 MW	Pakini Nui Windfarm	System Constraint
07/20/20 08:47	14.6 MW	07/20/20 09:14	14.6 MW	Pakini Nui Windfarm	System Constraint
07/20/20 13:36	16.4 MW	07/20/20 14:00	15.8 MW	Pakini Nui Windfarm	System Constraint
07/21/20 14:01	11.5 MW	07/21/20 14:17	10.9 MW	Pakini Nui Windfarm	System Constraint
07/22/20 08:11	11.0 MW	07/22/20 08:36	10.9 MW	Pakini Nui Windfarm	System Constraint
07/22/20 13:24	15.1 MW	07/22/20 13:49	14.0 MW	Pakini Nui Windfarm	System Constraint
07/28/20 07:53	19.9 MW	07/28/20 08:37	19.6 MW	Pakini Nui Windfarm	System Constraint
07/29/20 09:17	18.9 MW	07/29/20 09:51	18.6 MW	Pakini Nui Windfarm	System Constraint
07/29/20 13:27	18.4 MW	07/29/20 14:08	17.6 MW	Pakini Nui Windfarm	System Constraint

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

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