



June 25, 2021

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's¹ monthly report for May 2021 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.

Sincerely,

/s/ Kevin M. Katsura

Kevin M. Katsura
Director, Regulatory Non-Rate Proceedings

Enclosures

c: Service List

¹ 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 May 31, 2021):

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 May 31, 2021):

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

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 May 31, 2021):

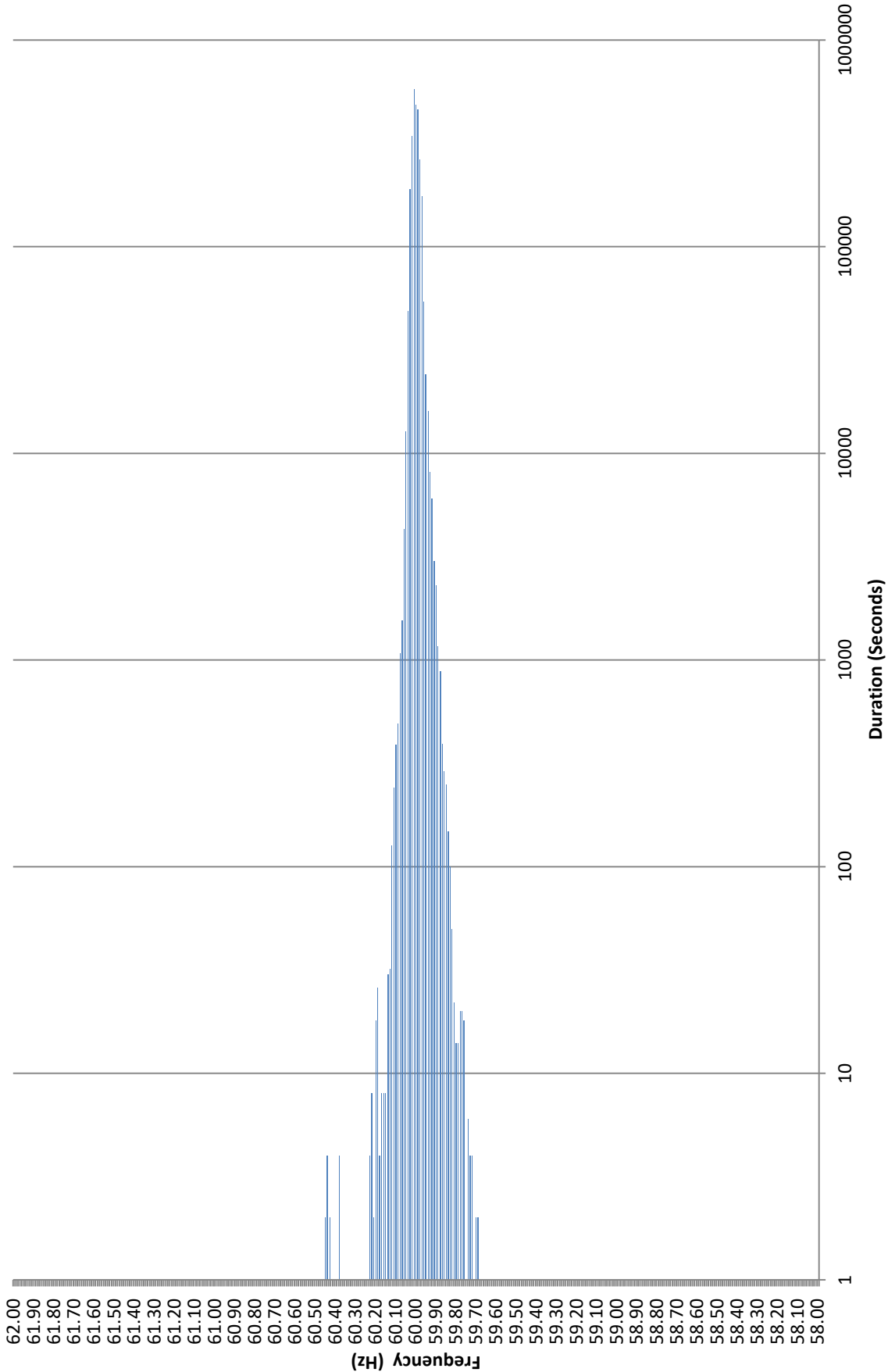
3a) Tabulation of each curtailment event for each resource including the starting date and time, duration, megawatt hours curtailed, peak MW curtailed, and reason for curtailment:

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

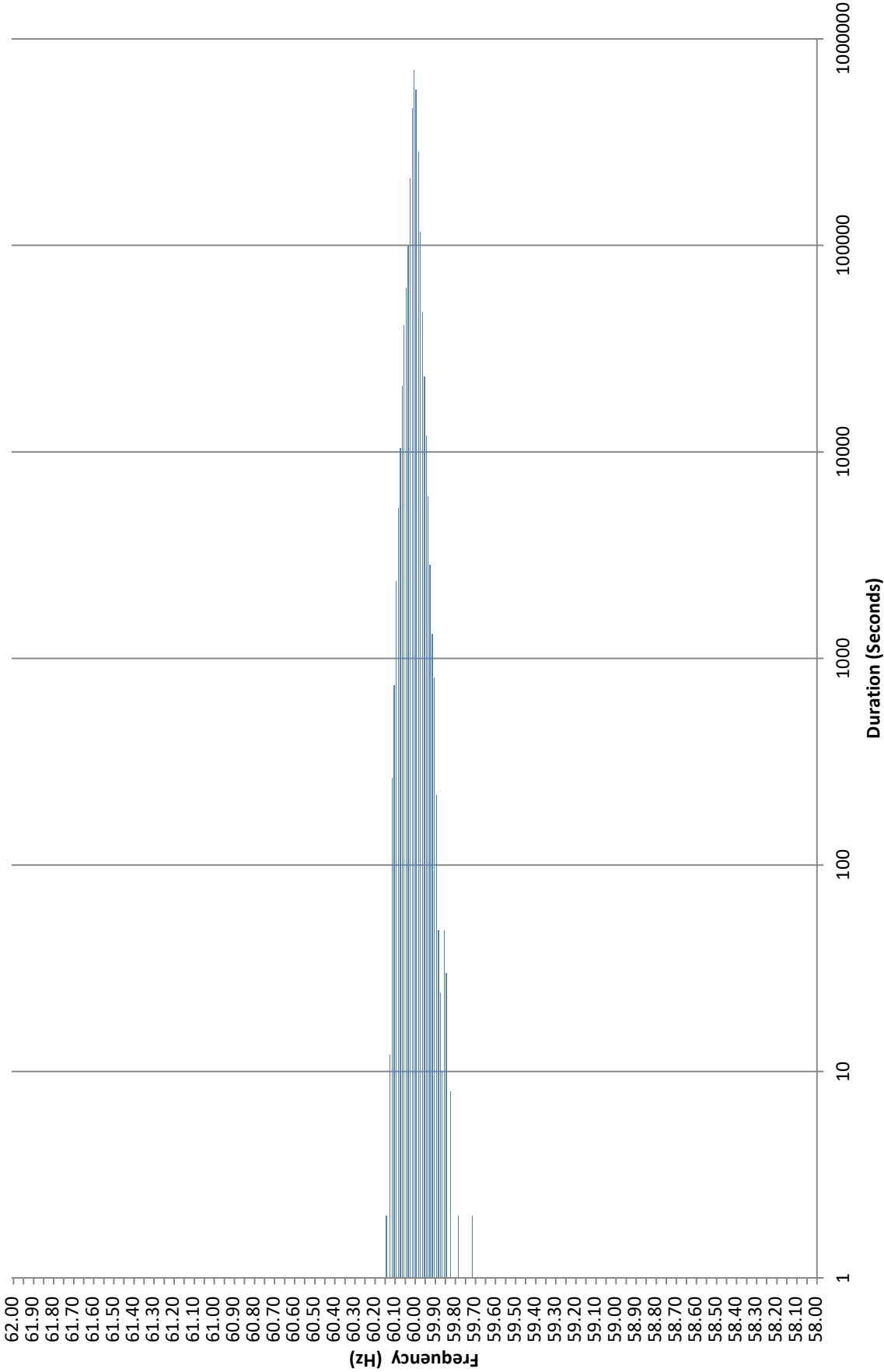
3b) Total MWh of non-dispatchable renewable resources curtailed for the month:

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.

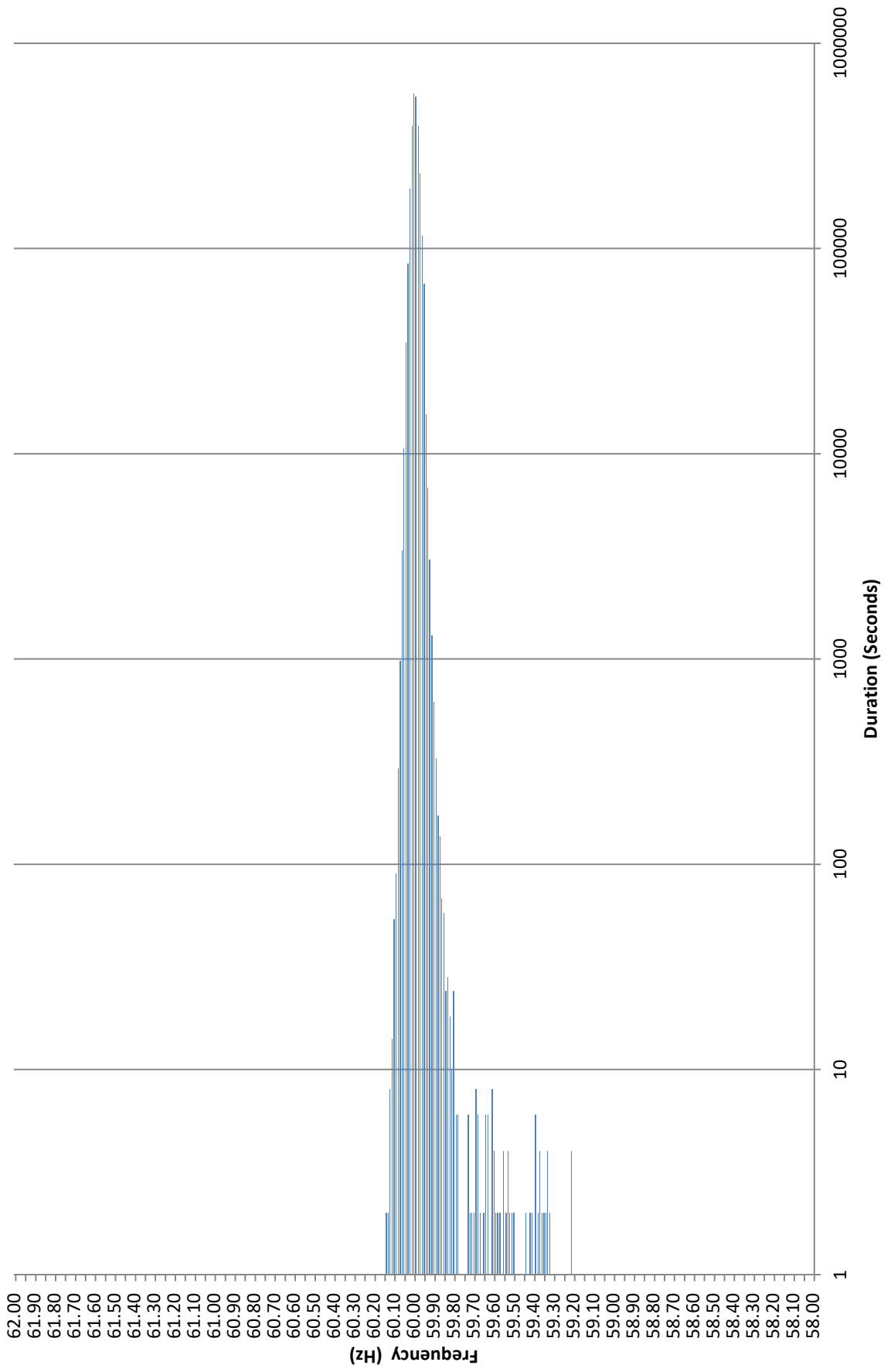
**Frequency Distribution Plot - Hawaiian Electric Company, Inc.
May 2021**



**Frequency Distribution Plot - Maui Electric Company, Limited
May 2021**



**Frequency Distribution Plot - Hawai'i Electric Light Company, Inc.
May 2021**



Hawaiian Electric Company, Inc. Frequency Excursion Statistics May 2021		
Data Rounded to the nearest	<59.95 Hz	>60.05 Hz
Number of Excursions	2518	890
Maximum Duration (sec)	792	998
Maximum Deviation (Hz)	59.691	60.453
Total Duration of Excursions (sec)	47328	11526

Maui Electric Company, Limited Frequency Excursion Statistics May 2021		
	<59.95 Hz	>60.05 Hz
Number of Excursions	4640	6491
Maximum Duration (sec)	508	722
Maximum Deviation (Hz)	59.706	60.144
Total Duration of Excursions (sec)	33012	56490

Hawai'i Electric Light Company, Inc. Frequency Excursion Statistics May 2021		
	<59.95 Hz	>60.05 Hz
Number of Excursions	11671	2018
Maximum Duration (sec)	114	32
Maximum Deviation (Hz)	59.212	60.140
Total Duration of Excursions (sec)	63466	8580

HAWAIIAN ELECTRIC COMPANY, INC.
CONTINGENCY RESERVE ACTIVATION EVENTS
May 2021

Event #	Date & Time	Frequency (Hz)			Spinning Reserve Shortfall (MW)	Duration (HH:MM)	Description
		Prior to Event	Nadir	Trigger			
1	5/13/2021 10:07	60.04	60.44	NA	0.00	0:00	Koolau #4 Transformer failure caused temporary loss of loads.
2	5/14/2021 8:34	59.93	59.69	NA	0:00	0:00	HPOWER TG2 tripped offline while generating~29MW.

HAWAII ELECTRIC LIGHT COMPANY, INC.
UNDERFREQUENCY LOAD SHEDDING EVENTS
May 2021

Event #	Date	Time	Frequency (Hz)			Load Shed (MW)	Duration (HH:MM)	Description
			Prior to Event	Nadir	Level UFLS Occurred			
1	5/14/2021	3:35 PM	60.02	59.11	59.20	14.24	0:11	Hamakua Energy Unit 1 tripped offline unexpected while starting up and generating about 18.2 MW in simple cycle mode.
2	5/15/2021	6:30 PM	59.98	59.33	59.5 (K)	6.99	0:06	Hamakua Energy total plant output unexpectedly decreased output from 24.3 MW down to 12 MW while their Unit 1 was in 1CTCC mode.
3	5/21/2021	3:29 PM	60.03	59.19	59.20	10.39	0:06	Hamakua Energy Unit 1 tripped offline unexpected while starting up and generating about 14.3 MW in simple cycle mode.

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

HAWAIIAN ELECTRIC COMPANY, INC.
 DEMAND RESPONSE EVENTS
 May 2021

Event #	Date & Time	Frequency (Hz)			Load Shed (MW)	Duration (HH:MM)	Description
		Prior to Event	Nadir	Trigger			
1	5/14/2021 8:34	59.93	59.69	59.70	NA	0:02	HPOWER TG2 tripped offline while generating~29MW. RDLC activated.

Hawaiian Electric Company, Inc. Curtailment Report May 2021

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
05/01/21 08:45	0.0	24.00	05/01/21 15:23	0	*	KSMauka	Oversupply
05/01/21 08:46	0.0	0.00	05/01/21 15:23	0	*	KSMakai	Oversupply
05/01/21 08:50	0.0	3.50	05/01/21 14:58	0	*	Aloha2	Oversupply
05/01/21 09:34	0.0	17.70	05/01/21 14:52	0	*	NPM	Oversupply
05/01/21 10:47	0.0	14.66	05/01/21 13:50	0	*	Lani	Oversupply
05/01/21 10:47	0.0	25.21	05/01/21 13:50	0	*	Waipio	Oversupply
05/02/21 12:22	0.0	21.60	05/02/21 13:52	0	*	KSMauka	Oversupply
05/02/21 12:22	0.0	19.80	05/02/21 13:52	0	*	KSMakai	Oversupply
05/03/21 09:05	0.0	28.40	05/03/21 13:22	0	*	KSMauka	Oversupply
05/03/21 09:05	0.0	19.40	05/03/21 13:16	0	*	KSMakai	Oversupply
05/03/21 09:44	0.0	2.50	05/03/21 13:10	0	*	Aloha2	Oversupply
05/03/21 11:45	0.0	12.50	05/03/21 13:07	0	*	NPM	Oversupply
05/04/21 10:38	0.0	26.20	05/04/21 13:37	0	*	KSMauka	Oversupply
05/04/21 10:39	0.0	15.10	05/04/21 13:12	0	*	KSMakai	Oversupply
05/05/21 12:36	0.0	4.70	05/05/21 15:33	0	*	KSMauka	Oversupply
05/05/21 12:36	0.0	7.80	05/05/21 15:33	0	*	KSMakai	Oversupply
05/05/21 12:37	0.0	3.70	05/05/21 14:52	0	*	Aloha2	Oversupply
05/05/21 12:40	0.0	20.60	05/05/21 14:52	0	*	NPM	Oversupply
05/05/21 12:43	0.0	14.47	05/05/21 14:42	0	*	Lani	Oversupply
05/05/21 12:43	0.0	33.18	05/05/21 14:42	0	*	Waipio	Oversupply
05/05/21 18:01	0.0	0.20	05/05/21 18:10	0	*	KLS2	System Constraints
05/06/21 06:23	0.0	0.00	05/06/21 06:42	0	*	KLS2	System Constraints
05/06/21 06:53	0.0	12.7	05/06/21 07:09	0	*	NPM	System Constraints
05/06/21 11:27	0.0	17.1	05/06/21 11:47	0	*	NPM	System Constraints
05/06/21 16:14	0.0	0.70	05/06/21 16:17	0	*	KLS2	System Constraints
05/07/21 03:46	0.0	0.00	05/07/21 13:08	0	*	NPM	System Constraints
05/07/21 07:08	0.0	0.3	05/08/21 00:25	0	*	Aloha1	System Constraints
05/07/21 07:18	0.0	3.8	05/07/21 07:28	0	*	Waianae	System Constraints
05/07/21 07:31	0.0	0.80	05/08/21 00:23	0	*	KLS2	System Constraints
05/07/21 21:47	0.0	0.00	05/08/21 00:26	0	*	Waianae	System Constraints
05/08/21 10:25	0.0	27.70	05/08/21 14:38	0	*	KSMauka	Oversupply
05/08/21 10:25	0.0	8.80	05/08/21 14:30	0	*	KSMakai	Oversupply
05/08/21 12:52	0.0	2.70	05/08/21 14:02	0	*	Aloha2	Oversupply
05/08/21 13:09	0.0	19.00	05/08/21 13:56	0	*	NPM	Oversupply
05/10/21 07:04	0.0	0.00	05/10/21 16:11	0	*	KWF	System Constraints
05/10/21 07:12	0.0	0.00	05/10/21 15:58	0	*	KSMakai	System Constraints
05/10/21 07:12	0.0	0.00	05/10/21 08:03	0	*	KSMauka	System Constraints
05/10/21 07:20	0.0	0.00	05/10/21 15:55	0	*	KWMakai	System Constraints
05/10/21 07:21	0.0	18.20	05/10/21 07:59	0	*	KWMauka	System Constraints
05/10/21 15:24	0.0	8.80	05/10/21 15:55	0	*	KWMauka	System Constraints
05/10/21 15:25	0.0	13.30	05/10/21 15:58	0	*	KSMauka	System Constraints
05/10/21 16:11	0.0	0.00	05/11/21 07:11	0	*	KWF	System Constraints
05/11/21 06:18	0.0	0.00	05/11/21 07:27	0	*	KSMauka	System Constraints
05/11/21 06:19	0.0	0.00	05/11/21 19:56	0	*	KSMakai	System Constraints
05/11/21 06:45	0.0	0	05/11/21 19:22	0	*	KWMakai	System Constraints
05/11/21 06:45	0.0	0	05/11/21 07:22	0	*	KWMauka	System Constraints
05/11/21 06:56	0.0	11.7	05/11/21 16:02	0	*	NPM	System Constraints
05/11/21 07:11	0.0	0	05/11/21 19:26	0	*	KWF	System Constraints
05/11/21 08:21	0.0	23.5	05/11/21 14:53	0	*	KSMauka	Oversupply
05/11/21 08:24	0.0	3.00	05/11/21 14:47	0	*	Aloha2	Oversupply
05/11/21 09:15	0.0	0	05/11/21 11:21	0	*	KWF	System Constraints
05/11/21 09:46	0.0	5.09	05/11/21 14:41	0	*	Lani	Oversupply
05/11/21 09:46	0.0	31.77	05/11/21 14:41	0	*	Waipio	Oversupply
05/11/21 10:47	0.0	13.90	05/11/21 14:08	0	34.21	WestL	Oversupply
05/11/21 11:23	0.0	27.50	05/11/21 13:26	0	*	Waianae	Oversupply
05/11/21 16:08	0.0	11.40	05/11/21 19:20	0	*	KWMauka	System Constraints
05/11/21 16:10	0.0	6.80	05/11/21 19:54	0	*	KSMauka	System Constraints
05/12/21 06:53	0.0	19.00	05/12/21 07:07	0	*	NPM	System Constraints
05/12/21 08:57	0.0	8.50	05/12/21 10:20	0	*	KSMauka	Oversupply
05/12/21 08:57	0.0	5.10	05/12/21 10:20	0	*	KSMakai	Oversupply
05/12/21 08:59	0.0	2.10	05/12/21 09:41	0	*	Aloha2	Oversupply

Hawaiian Electric Company, Inc. Curtailment Report May 2021

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
05/12/21 09:02	0.0	18.20	05/12/21 09:28	0	*	NPM	Oversupply
05/12/21 11:42	0.0	20.40	05/12/21 13:30	0	*	KSMauka	Oversupply
05/12/21 11:43	0.0	17.60	05/12/21 13:29	0	*	KSMakai	Oversupply
05/12/21 14:43	0.0	10.60	05/12/21 15:13	0	*	NPM	System Constraints
05/13/21 06:22	0.0	0.00	05/13/21 07:27	0	*	KSMauka	System Constraints
05/13/21 06:28	0.0	0.00	05/13/21 19:22	0	*	KSMakai	System Constraints
05/13/21 06:38	0.0	1.40	05/13/21 19:20	0	*	KWMakai	System Constraints
05/13/21 06:39	0.0	9.50	05/13/21 07:26	0	*	KWMauka	System Constraints
05/13/21 06:42	0.0	5.60	05/14/21 07:26	0	*	KWF	System Constraints
05/13/21 07:47	0.0	1.90	05/13/21 09:30	0	*	KREP	System Constraints
05/13/21 07:49	0.0	6.20	05/13/21 09:31	0	8.45	WestL	System Constraints
05/13/21 13:13	0.0	14.66	05/13/21 13:25	0	*	NPM	System Constraints
05/13/21 15:37	0.0	3.10	05/13/21 16:30	0	*	KREP	System Constraints
05/13/21 15:38	0.0	5.60	05/13/21 16:30	0	4.04	WestL	System Constraints
05/13/21 19:01	0.0	0.10	05/13/21 19:20	0	*	KWMauka	System Constraints
05/13/21 19:02	0.0	9.10	05/13/21 19:22	0	*	KSMauka	System Constraints
05/14/21 12:28	0.0	18.60	05/14/21 13:02	0	*	KSMauka	Oversupply
05/14/21 12:29	0.0	14.6	05/14/21 12:54	0	*	KSMakai	Oversupply
05/15/21 11:48	0.0	28	05/15/21 17:07	0	*	KSMauka	Oversupply
05/15/21 11:59	0.0	15.00	05/15/21 17:07	0	*	KSMakai	Oversupply
05/15/21 12:01	0.0	2.00	05/15/21 16:51	0	*	Aloha2	Oversupply
05/15/21 12:04	0.0	15.00	05/15/21 16:43	0	*	NPM	Oversupply
05/15/21 12:06	9.0	13.15	05/15/21 12:08	10.29	*	Lani	Oversupply
05/15/21 12:06	21.0	30.37	05/15/21 12:08	23.57	*	Waipio	Oversupply
05/15/21 12:08	6.1	10.29	05/15/21 13:08	5.23	*	Lani	Oversupply
05/15/21 12:08	13.9	23.57	05/15/21 13:08	13.95	*	Waipio	Oversupply
05/15/21 13:08	5.4	5.23	05/15/21 13:12	5.46	*	Lani	Oversupply
05/15/21 13:08	14.6	13.95	05/15/21 13:12	14.66	*	Waipio	Oversupply
05/15/21 13:12	0.0	5.46	05/15/21 14:49	0	*	Lani	Oversupply
05/15/21 13:12	0.0	14.66	05/15/21 14:49	0	*	Waipio	Oversupply
05/17/21 09:12	0.0	13.00	05/17/21 15:24	0	*	KSMakai	Oversupply
05/17/21 09:12	0.0	15.00	05/17/21 15:25	0	*	KSMauka	Oversupply
05/17/21 09:14	0.0	4.00	05/17/21 15:21	0	*	Aloha2	Oversupply
05/17/21 09:19	0.0	15.00	05/17/21 15:19	0	*	NPM	Oversupply
05/17/21 09:25	6.8	13.53	05/17/21 09:32	6.96	*	Lani	Oversupply
05/17/21 09:25	23.2	45.84	05/17/21 09:32	36.93	*	Waipio	Oversupply
05/17/21 09:32	0.0	6.96	05/17/21 15:04	0	*	Lani	Oversupply
05/17/21 09:32	0.0	36.93	05/17/21 15:04	0	*	Waipio	Oversupply
05/17/21 11:01	0.0	20.00	05/17/21 14:19	0	33.14	WestL	Oversupply
05/17/21 11:01	0.0	27.00	05/17/21 13:28	0	*	Waianae	Oversupply
05/17/21 15:46	0.0	16.30	05/17/21 16:29	0	*	KSMauka	Oversupply
05/17/21 15:46	0.0	18.50	05/17/21 16:29	0	*	KSMakai	Oversupply
05/18/21 05:55	0.0	4.00	05/18/21 06:25	0	*	KWMakai	System Constraints
05/18/21 05:56	0.0	0.00	05/18/21 06:23	0	*	KSMakai	System Constraints
05/18/21 05:46	0.0	19.00	05/18/21 09:28	0	*	NPM	System Constraints
05/18/21 06:01	0.0	0.00	05/18/21 06:26	0	*	KWF	System Constraints
05/18/21 08:50	0.0	0.00	05/18/21 09:14	0	*	KWMakai	System Constraints
05/18/21 08:53	0.0	3.00	05/18/21 09:16	0	*	KSMakai	System Constraints
05/18/21 09:03	0.0	5.00	05/18/21 09:17	0	*	KWF	System Constraints
05/18/21 09:35	0.0	13.00	05/18/21 14:51	0	*	KSMauka	Oversupply
05/18/21 09:35	0.0	10.00	05/18/21 14:48	0	*	KSMakai	Oversupply
05/18/21 09:37	0.0	5.00	05/18/21 14:48	0	*	Aloha2	Oversupply
05/18/21 09:41	0.0	12.00	05/18/21 14:42	0	*	NPM	Oversupply
05/18/21 09:42	0.0	13.34	05/18/21 13:49	0	*	Lani	Oversupply
05/18/21 09:42	0.0	14.19	05/18/21 13:49	0	*	Waipio	Oversupply
05/18/21 09:49	0.0	18.00	05/18/21 13:32	0	36.52	WestL	Oversupply
05/19/21 03:09	0.0	0	05/19/21 03:17	0	*	North	System Constraints
05/19/21 03:11	0.0	0	05/19/21 03:17	0	*	South	System Constraints
05/19/21 11:52	0.0	19.00	05/19/21 14:56	0	*	KSMauka	Oversupply
05/19/21 11:52	0.0	13.00	05/19/21 14:55	0	*	KSMakai	Oversupply
05/19/21 12:17	0.0	4.00	05/19/21 14:49	0	*	Aloha2	Oversupply
05/19/21 12:19	0.0	20.00	05/19/21 14:48	0	*	NPM	Oversupply
05/19/21 12:39	0.0	14.66	05/19/21 14:31	0	*	Lani	Oversupply
05/19/21 12:39	0.0	36.46	05/19/21 14:31	0	*	Waipio	Oversupply

Hawaiian Electric Company, Inc. Curtailment Report May 2021

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
05/20/21 07:22	0.0	2.00	05/20/21 07:29	0	*	KSMauka	Oversupply
05/20/21 07:22	0.0	4.60	05/20/21 07:29	0	*	KSMakai	Oversupply
05/20/21 07:22	0.0	5.00	05/20/21 07:29	0	*	Aloha2	Oversupply
05/20/21 08:59	0.0	8.90	05/20/21 12:19	0	*	KSMauka	Oversupply
05/20/21 08:59	0.0	13.70	05/20/21 09:19	0	*	KSMakai	Oversupply
05/20/21 08:59	0.0	2.20	05/20/21 09:14	0	*	Aloha2	Oversupply
05/20/21 09:42	0.0	19.50	05/20/21 12:17	0	*	KSMakai	Oversupply
05/20/21 09:46	0.0	2.70	05/20/21 12:09	0	*	Aloha2	Oversupply
05/20/21 09:46	0.0	20.8	05/20/21 12:07	0	*	NPM	Oversupply
05/20/21 11:29	7.0	14.09	05/20/21 11:34	7.39	*	Lani	Oversupply
05/20/21 11:29	23.0	46.08	05/20/21 11:34	41.39	*	Waipio	Oversupply
05/20/21 11:34	7.2	7.39	05/20/21 12:05	7.29	*	Lani	Oversupply
05/20/21 13:04	0.0	20.60	05/20/21 14:02	0	*	KSMauka	Oversupply
05/20/21 13:05	0.0	18.60	05/20/21 14:02	0	*	KSMakai	Oversupply
05/21/21 05:45	0.0	0.00	05/21/21 05:53	0	*	Waianae	System Constraints
05/21/21 05:46	0.0	0.00	05/21/21 05:51	0	*	Aloha1	System Constraints
05/21/21 05:57	0.0	14.00	05/21/21 06:08	0	*	NPM	System Constraints
05/21/21 09:24	0.0	22.60	05/21/21 14:50	0	*	KSMauka	Oversupply
05/21/21 09:24	0.0	19.80	05/21/21 14:51	0	*	KSMakai	Oversupply
05/21/21 09:26	0.0	2.20	05/21/21 14:48	0	*	Aloha2	Oversupply
05/21/21 09:29	0.0	13.90	05/21/21 15:26	0	*	NPM	Oversupply
05/21/21 12:51	6.0	11.61	05/21/21 14:02	6.03	*	Lani	Oversupply
05/21/21 12:51	24.0	45.84	05/21/21 14:02	24.03	*	Waipio	Oversupply
05/21/21 14:02	6.0	6.03	05/21/21 14:13	6.03	*	Lani	Oversupply
05/21/21 14:02	24.0	24.03	05/21/21 14:13	24.03	*	Waipio	Oversupply
05/21/21 14:47	0.0	0.00	05/21/21 15:26	0	*	NPM	System Constraints
05/21/21 15:54	0.0	27.00	05/21/21 16:16	0	*	Waianae	System Constraints
05/21/21 15:55	0.0	1.20	05/21/21 16:17	0	*	Aloha1	System Constraints
05/21/21 18:45	0.0	0.00	05/21/21 18:56	0	*	Waianae	System Constraints
05/22/21 09:38	0.0	23.80	05/22/21 12:07	0	*	KSMauka	Oversupply
05/22/21 09:38	0.0	19.70	05/22/21 12:04	0	*	KSMakai	Oversupply
05/22/21 12:30	0.0	25.50	05/22/21 12:48	0	*	KSMauka	Oversupply
05/23/21 17:40	0.0	11.00	05/23/21 17:50	0	*	Waianae	System Constraints
05/24/21 19:28	0.0	0.00	05/25/21 10:42	0	42.46	WestL	Facility Requested
05/25/21 06:35	0.0	0.00	05/25/21 07:21	0	*	KREP	System Constraints
05/25/21 19:25	0.0	0	05/25/21 19:53	0	0.00	WestL	System Constraints
05/25/21 19:26	0.0	0	05/25/21 19:53	0	*	KREP	System Constraints
05/28/21 13:29	0.0	28.80	05/28/21 14:25	0	*	KSMauka	Oversupply
05/28/21 13:30	0.0	19.90	05/28/21 13:38	0	*	KSMakai	Oversupply
05/31/21 10:38	0.0	28.80	05/31/21 13:11	0	*	KSMauka	Oversupply
05/31/21 10:38	0.0	19.80	05/31/21 12:58	0	*	KSMakai	Oversupply

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
MFO = Mauka FIT One Solar
NPM = Na Pua Makani Power Partners
KSMakai = Kawaioloa Solar Makai
KSMauka = Kawaioloa Solar Mauka
KWMakai = Kawaioloa Wind Makai
KWMauka = Kawaioloa 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.



Lanai Curtailment Report

May 2021

Start Date and Time	Duration (h:mm)	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
5/1/2021 8:08	2:29	LSR	Data is not available	Data is not available	Oversupply
5/6/2021 7:55	5:39	LSR	Data is not available	Data is not available	Oversupply
5/17/2021 8:16	0:19	LSR	Data is not available	Data is not available	Oversupply
5/18/2021 8:38	6:36	LSR	Data is not available	Data is not available	Oversupply
5/27/2021 6:08	4:22	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 8:35	1:34	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 10:11	0:12	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 10:56	0:07	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 11:29	0:05	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 11:39	0:07	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 11:50	0:39	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 12:33	0:37	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 13:11	0:06	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 13:45	0:04	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 13:52	0:01	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 13:54	0:03	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 13:58	0:01	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 14:01	0:08	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 14:15	0:04	LSR	Data is not available	Data is not available	Oversupply
5/29/2021 14:20	0:01	LSR	Data is not available	Data is not available	Oversupply

Notes:
On June 27, 2012, Maui Electric notified Lanai Sustainability Research (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.



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/1/2021 3:56	0:42	KWP11	3.416	13.121	Oversupply
5/1/2021 8:00	0:02	SSA3	0.029	1.225	Oversupply
5/1/2021 8:01	0:08	BS250	Data is not available	Data is not available	Oversupply
5/1/2021 8:01	0:08	KWP11	0.312	13.263	Oversupply
5/1/2021 8:01	0:12	17-2	0.020	0.121	Oversupply
5/1/2021 8:01	0:08	SSA2	0.113	0.012	Oversupply
5/1/2021 8:02	0:06	SSA3	0.086	0.006	Oversupply
5/1/2021 8:08	0:02	SSA3	0.029	0.031	Oversupply
5/1/2021 8:10	0:02	SSA2	0.028	0.103	Oversupply
5/1/2021 8:10	0:02	SSA3	0.029	1.066	Oversupply
5/1/2021 8:12	0:02	SSA2	0.028	0.127	Oversupply
5/1/2021 8:14	0:01	17-2	0.001	0.085	Oversupply
5/1/2021 8:14	0:02	SSA2	0.015	0.263	Oversupply
5/1/2021 8:24	0:03	17-2	0.007	0.156	Oversupply
5/1/2021 8:24	0:02	SSA2	0.008	1.130	Oversupply
5/1/2021 8:24	0:02	SSA3	0.004	1.536	Oversupply
5/1/2021 8:26	0:02	SSA2	0.008	0.648	Oversupply
5/1/2021 8:28	0:10	17-2	0.026	0.239	Oversupply
5/1/2021 8:28	0:02	SSA2	0.008	1.181	Oversupply
5/1/2021 8:31	0:02	SSA3	0.009	1.207	Oversupply
5/1/2021 8:32	0:02	SSA2	0.013	1.145	Oversupply
5/1/2021 8:33	0:02	SSA3	0.009	0.729	Oversupply
5/1/2021 8:34	0:02	SSA2	0.014	0.426	Oversupply
5/1/2021 8:35	0:02	SSA3	0.009	1.010	Oversupply
5/1/2021 8:36	0:02	SSA2	0.014	0.561	Oversupply
5/1/2021 8:37	0:02	SSA3	0.009	1.449	Oversupply
5/1/2021 8:53	0:01	17-2	0.003	0.457	Oversupply
5/1/2021 8:57	0:03	17-2	0.024	0.720	Oversupply
5/1/2021 8:57	0:02	SSA3	-0.001	1.936	Oversupply
5/1/2021 8:58	0:02	SSA2	0.007	1.762	Oversupply
5/1/2021 8:59	0:02	SSA3	0.022	1.845	Oversupply
5/1/2021 9:00	0:02	SSA2	0.035	0.625	Oversupply
5/1/2021 9:01	7:48	17-2	2.090	0.750	Oversupply
5/1/2021 9:02	0:02	SSA2	0.035	1.186	Oversupply
5/1/2021 9:03	0:02	SSA3	0.043	0.939	Oversupply
5/1/2021 9:05	0:02	SSA3	0.043	1.317	Oversupply
5/1/2021 9:06	0:02	SSA2	0.035	1.115	Oversupply
5/1/2021 9:07	0:02	SSA3	0.043	0.741	Oversupply
5/1/2021 9:08	0:02	SSA2	0.035	0.711	Oversupply
5/1/2021 9:09	0:02	SSA3	0.043	0.045	Oversupply
5/1/2021 9:10	0:02	SSA2	0.035	0.472	Oversupply
5/1/2021 9:11	0:01	BS250	Data is not available	Data is not available	Oversupply
5/1/2021 9:11	0:01	KWP11	0.000	7.595	Oversupply
5/1/2021 9:11	0:02	SSA3	0.043	0.099	Oversupply
5/1/2021 9:12	0:02	SSA2	0.035	0.059	Oversupply
5/1/2021 9:13	0:02	SSA3	0.047	0.169	Oversupply
5/1/2021 9:14	0:02	SSA2	0.048	0.117	Oversupply
5/1/2021 9:15	0:02	SSA3	0.071	0.909	Oversupply
5/1/2021 9:16	0:02	SSA2	0.064	0.117	Oversupply
5/1/2021 9:17	6:56	SSA3	16.572	0.319	Oversupply
5/1/2021 9:18	4:08	BS250	Data is not available	Data is not available	Oversupply
5/1/2021 9:18	4:08	KWP11	62.510	20.412	Oversupply
5/1/2021 9:18	6:54	SSA2	15.641	0.009	Oversupply
5/1/2021 9:24	0:02	AWE	0.010	21.000	Oversupply
5/1/2021 9:47	0:01	AWE	0.001	21.000	Oversupply
5/1/2021 9:49	2:49	AWE	22.780	21.000	Oversupply
5/1/2021 12:42	0:03	AWE	0.045	21.000	Oversupply
5/1/2021 12:47	0:34	AWE	3.351	21.000	Oversupply
5/1/2021 13:27	2:46	BS250	Data is not available	Data is not available	Oversupply
5/1/2021 13:27	2:46	KWP11	26.484	20.455	Oversupply
5/1/2021 13:31	0:01	AWE	0.014	21.000	Oversupply
5/1/2021 13:51	0:01	AWE	0.002	21.000	Oversupply
5/1/2021 16:12	0:02	SSA3	0.055	0.022	Oversupply
5/1/2021 16:12	0:02	SSA2	0.027	0.052	Oversupply
5/1/2021 16:14	0:02	SSA3	0.019	1.331	Oversupply
5/1/2021 16:14	0:02	SSA2	-0.001	0.581	Oversupply
5/1/2021 16:16	0:02	SSA3	0.012	0.085	Oversupply
5/1/2021 16:17	0:02	SSA2	0.019	0.126	Oversupply
5/1/2021 16:18	0:02	SSA3	0.012	1.110	Oversupply
5/1/2021 16:19	0:02	SSA2	0.019	1.484	Oversupply
5/1/2021 16:20	0:02	SSA3	0.012	1.269	Oversupply
5/1/2021 16:21	0:02	SSA2	0.019	1.303	Oversupply
5/1/2021 16:47	0:02	SSA3	0.004	1.363	Oversupply
5/1/2021 16:47	0:02	SSA2	0.004	0.888	Oversupply
5/1/2021 22:53	0:27	KWP11	0.877	19.914	Oversupply



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/1/2021 23:21	0:25	KWPII	1.155	19.867	Oversupply
5/1/2021 23:47	2:47	KWPII	37.121	20.699	Oversupply
5/2/2021 1:37	0:48	AWE	1.945	21.000	Oversupply
5/2/2021 2:35	1:09	KWPII	18.147	20.680	Oversupply
5/2/2021 2:44	0:03	AWE	0.020	21.000	Oversupply
5/2/2021 2:50	0:01	AWE	0.004	21.000	Oversupply
5/2/2021 2:53	0:26	AWE	1.099	21.000	Oversupply
5/2/2021 3:22	0:01	AWE	0.000	21.000	Oversupply
5/2/2021 3:34	0:01	AWE	0.001	21.000	Oversupply
5/2/2021 3:46	1:10	KWPII	14.353	18.923	Oversupply
5/2/2021 4:03	0:39	AWE	1.663	21.000	Oversupply
5/2/2021 4:43	0:08	AWE	0.153	21.000	Oversupply
5/2/2021 4:57	0:59	KWPII	4.352	19.665	Oversupply
5/2/2021 5:44	0:12	BS250	Data is not available	Data is not available	Oversupply
5/2/2021 6:37	0:09	17-2	0.005	0.068	Oversupply
5/2/2021 6:37	0:08	SSA3	0.015	0.126	Oversupply
5/2/2021 6:38	0:08	SSA2	0.005	0.113	Oversupply
5/2/2021 6:39	0:06	BS250	Data is not available	Data is not available	Oversupply
5/2/2021 6:39	0:06	KWPII	0.110	12.156	Oversupply
5/2/2021 6:52	0:02	17-2	0.002	0.072	Oversupply
5/2/2021 6:53	0:02	BS250	Data is not available	Data is not available	Oversupply
5/2/2021 6:53	0:02	KWPII	0.008	15.645	Oversupply
5/2/2021 6:54	0:02	SSA2	0.001	0.007	Oversupply
5/2/2021 6:56	0:02	17-2	0.002	0.072	Oversupply
5/2/2021 7:30	8:52	17-2	2.656	0.750	Oversupply
5/2/2021 7:30	0:02	SSA3	0.027	0.766	Oversupply
5/2/2021 7:30	0:02	SSA2	0.010	0.346	Oversupply
5/2/2021 7:32	2:14	BS250	Data is not available	Data is not available	Oversupply
5/2/2021 7:32	2:14	KWPII	26.181	20.629	Oversupply
5/2/2021 7:32	0:02	SSA3	0.027	0.055	Oversupply
5/2/2021 7:32	2:15	SSA2	2.315	0.058	Oversupply
5/2/2021 7:34	2:13	SSA3	3.694	0.001	Oversupply
5/2/2021 9:02	0:09	AWE	0.331	21.000	Oversupply
5/2/2021 9:29	0:12	AWE	0.489	21.000	Oversupply
5/2/2021 9:47	0:02	SSA2	0.050	0.383	Oversupply
5/2/2021 9:47	0:02	SSA3	0.081	0.324	Oversupply
5/2/2021 9:48	4:25	BS250	Data is not available	Data is not available	Oversupply
5/2/2021 9:48	4:25	KWPII	81.873	20.535	Oversupply
5/2/2021 9:49	6:22	SSA2	12.981	0.006	Oversupply
5/2/2021 9:49	4:24	SSA3	11.835	-0.001	Oversupply
5/2/2021 10:14	0:08	AWE	0.137	21.000	Oversupply
5/2/2021 10:25	3:35	AWE	30.001	21.000	Oversupply
5/2/2021 14:01	0:05	AWE	0.061	21.000	Oversupply
5/2/2021 14:13	0:02	SSA3	0.092	0.081	Oversupply
5/2/2021 14:15	1:56	BS250	Data is not available	Data is not available	Oversupply
5/2/2021 14:15	1:56	KWPII	18.598	20.700	Oversupply
5/2/2021 14:15	1:57	SSA3	2.734	0.052	Oversupply
5/2/2021 16:11	0:10	SSA2	0.099	0.006	Oversupply
5/2/2021 16:12	0:08	BS250	Data is not available	Data is not available	Oversupply
5/2/2021 16:12	0:08	KWPII	0.107	20.561	Oversupply
5/2/2021 16:12	0:08	SSA3	0.086	-0.001	Oversupply
5/2/2021 16:20	0:02	SSA3	0.017	0.094	Oversupply
5/3/2021 1:44	1:27	KWPII	15.057	17.282	Oversupply
5/3/2021 2:30	0:02	AWE	0.006	20.600	Oversupply
5/3/2021 2:36	0:01	AWE	0.003	18.500	Oversupply
5/3/2021 2:38	0:05	AWE	0.063	19.900	Oversupply
5/3/2021 2:44	0:02	AWE	0.017	18.600	Oversupply
5/3/2021 2:47	0:01	AWE	0.005	20.500	Oversupply
5/3/2021 2:49	0:01	AWE	0.002	21.000	Oversupply
5/3/2021 2:54	0:02	AWE	0.007	21.000	Oversupply
5/3/2021 3:00	0:02	AWE	0.009	19.700	Oversupply
5/3/2021 3:14	1:55	KWPII	13.759	19.259	Oversupply
5/3/2021 5:31	0:14	KWPII	0.358	19.329	Oversupply
5/3/2021 5:48	0:03	BS250	Data is not available	Data is not available	Oversupply
5/3/2021 5:48	0:03	KWPII	0.032	16.890	Oversupply
5/3/2021 5:52	0:01	BS250	Data is not available	Data is not available	Oversupply
5/3/2021 5:52	0:01	KWPII	0.002	17.165	Oversupply
5/3/2021 5:54	0:07	BS250	Data is not available	Data is not available	Oversupply
5/3/2021 5:54	0:07	KWPII	0.188	18.793	Oversupply
5/3/2021 6:02	0:01	BS250	Data is not available	Data is not available	Oversupply
5/3/2021 6:02	0:01	KWPII	0.005	17.721	Oversupply
5/3/2021 6:49	0:03	BS250	Data is not available	Data is not available	Oversupply
5/3/2021 6:49	0:03	17-2	0.001	0.027	Oversupply
5/3/2021 6:49	0:03	KWPII	0.043	15.975	Oversupply
5/3/2021 6:49	0:04	SSA2	0.006	0.114	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/3/2021 6:49	0:02	SSA3	0.002	0.009	Oversupply
5/3/2021 7:51	0:35	17-2	0.175	0.511	Oversupply
5/3/2021 7:51	0:02	SSA2	0.018	0.601	Oversupply
5/3/2021 7:52	0:02	SSA3	0.022	1.083	Oversupply
5/3/2021 7:53	0:15	BS250	Data is not available	Data is not available	Oversupply
5/3/2021 7:53	0:15	KWPPII	1.299	18.728	Oversupply
5/3/2021 7:53	0:14	SSA2	0.175	0.008	Oversupply
5/3/2021 7:54	0:14	SSA3	0.229	0.007	Oversupply
5/3/2021 8:07	0:02	SSA2	0.032	0.016	Oversupply
5/3/2021 8:08	0:02	SSA3	0.041	0.011	Oversupply
5/3/2021 8:09	0:02	SSA2	0.032	0.094	Oversupply
5/3/2021 8:10	0:14	SSA3	0.238	0.463	Oversupply
5/3/2021 8:11	0:13	BS250	Data is not available	Data is not available	Oversupply
5/3/2021 8:11	0:13	KWPPII	0.592	15.262	Oversupply
5/3/2021 8:11	0:12	SSA2	0.163	0.002	Oversupply
5/3/2021 8:23	0:02	SSA2	0.026	0.003	Oversupply
5/3/2021 8:24	0:02	SSA3	0.031	0.305	Oversupply
5/3/2021 8:28	0:02	SSA3	0.023	1.577	Oversupply
5/3/2021 8:29	0:01	17-2	0.008	0.511	Oversupply
5/4/2021 20:10	0:01	AWE	0.003	0.200	Oversupply
5/4/2021 23:11	0:07	KWPPII	0.183	20.708	Oversupply
5/5/2021 0:10	0:07	KWPPII	0.149	20.708	Oversupply
5/5/2021 0:20	2:17	KWPPII	24.528	20.708	Oversupply
5/5/2021 2:23	0:02	AWE	0.008	16.300	Oversupply
5/5/2021 2:26	0:07	AWE	0.046	16.100	Oversupply
5/5/2021 2:38	1:09	KWPPII	21.209	20.708	Oversupply
5/5/2021 2:52	0:01	AWE	0.002	15.200	Oversupply
5/5/2021 3:12	0:19	AWE	0.842	19.800	Oversupply
5/5/2021 3:33	0:01	AWE	0.006	14.700	Oversupply
5/5/2021 3:38	0:03	AWE	0.009	15.300	Oversupply
5/5/2021 3:48	0:43	KWPPII	7.318	20.708	Oversupply
5/5/2021 4:35	0:17	KWPPII	0.470	20.708	Oversupply
5/5/2021 4:53	0:06	KWPPII	0.081	20.708	Oversupply
5/5/2021 6:00	0:01	AWE	0.005	0.300	Oversupply
5/5/2021 7:20	0:02	SSA3	0.012	0.415	Oversupply
5/5/2021 7:21	0:18	SSA2	0.093	0.011	Oversupply
5/5/2021 7:22	0:18	BS250	Data is not available	Data is not available	Oversupply
5/5/2021 7:22	0:18	KWPPII	0.820	20.708	Oversupply
5/5/2021 7:22	1:51	SSA3	2.025	0.026	Oversupply
5/5/2021 7:39	0:02	SSA2	0.014	0.021	Oversupply
5/5/2021 7:41	1:32	BS250	Data is not available	Data is not available	Oversupply
5/5/2021 7:41	1:32	KWPPII	13.907	20.708	Oversupply
5/5/2021 7:41	1:33	SSA2	1.031	0.001	Oversupply
5/5/2021 8:38	0:50	17-2	0.101	0.198	Oversupply
5/5/2021 9:13	0:02	SSA3	0.052	0.483	Oversupply
5/5/2021 9:14	0:02	SSA2	0.022	0.379	Oversupply
5/5/2021 9:15	0:02	SSA3	0.020	0.488	Oversupply
5/5/2021 9:17	0:02	SSA3	0.020	0.901	Oversupply
5/5/2021 9:18	0:02	SSA2	0.024	0.738	Oversupply
5/5/2021 9:19	0:02	SSA3	0.020	0.509	Oversupply
5/5/2021 9:20	0:04	BS250	Data is not available	Data is not available	Oversupply
5/5/2021 9:20	0:04	KWPPII	0.087	20.708	Oversupply
5/5/2021 9:20	0:04	SSA2	0.047	0.011	Oversupply
5/5/2021 9:21	0:04	SSA3	0.041	0.013	Oversupply
5/5/2021 9:24	0:02	SSA2	0.024	0.087	Oversupply
5/5/2021 9:25	0:02	SSA3	0.020	0.631	Oversupply
5/5/2021 9:26	0:02	SSA2	0.024	0.451	Oversupply
5/5/2021 9:34	0:02	SSA2	0.000	1.162	Oversupply
5/5/2021 9:35	0:01	17-2	0.002	0.140	Oversupply
5/5/2021 9:35	0:02	SSA3	0.000	1.217	Oversupply
5/5/2021 9:47	0:01	17-2	0.003	0.191	Oversupply
5/5/2021 9:51	3:15	17-2	1.905	1.750	Oversupply
5/5/2021 9:52	0:02	SSA2	0.017	0.917	Oversupply
5/5/2021 9:53	2:48	SSA3	5.937	0.019	Oversupply
5/5/2021 9:54	2:46	BS250	Data is not available	Data is not available	Oversupply
5/5/2021 9:54	2:46	KWPPII	48.860	20.708	Oversupply
5/5/2021 9:54	0:02	SSA2	0.017	0.006	Oversupply
5/5/2021 9:56	2:43	SSA2	4.685	0.001	Oversupply
5/5/2021 10:17	0:04	AWE	0.271	20.100	Oversupply
5/5/2021 10:22	0:02	AWE	0.030	16.700	Oversupply
5/5/2021 10:27	0:05	AWE	0.061	19.500	Oversupply
5/5/2021 10:36	0:40	AWE	5.870	20.400	Oversupply
5/5/2021 11:23	0:54	AWE	5.518	20.300	Oversupply
5/5/2021 12:21	0:05	AWE	0.158	19.800	Oversupply
5/5/2021 12:29	0:07	AWE	0.482	21.000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/5/2021 12:41	0:18	SSA2	0.438	1.144	Oversupply
5/5/2021 12:42	0:17	BS250	Data is not available	Data is not available	Oversupply
5/5/2021 12:42	0:17	KWPPII	1.536	20.708	Oversupply
5/5/2021 12:43	0:18	SSA3	0.345	0.018	Oversupply
5/5/2021 13:00	0:02	SSA2	0.032	0.057	Oversupply
5/5/2021 13:02	0:04	SSA2	0.065	0.137	Oversupply
5/5/2021 13:03	0:02	SSA3	0.024	1.208	Oversupply
5/5/2021 13:07	2:19	17-2	1.276	0.750	Oversupply
5/5/2021 13:07	0:02	SSA3	0.024	1.405	Oversupply
5/5/2021 13:08	0:02	SSA2	0.032	1.134	Oversupply
5/5/2021 13:09	0:21	BS250	Data is not available	Data is not available	Oversupply
5/5/2021 13:09	0:21	KWPPII	2.476	20.706	Oversupply
5/5/2021 13:09	0:20	SSA3	0.472	0.004	Oversupply
5/5/2021 13:10	0:20	SSA2	0.372	0.031	Oversupply
5/5/2021 13:29	0:02	SSA3	0.055	0.092	Oversupply
5/5/2021 13:30	0:02	SSA2	0.070	0.119	Oversupply
5/5/2021 13:31	1:55	BS250	Data is not available	Data is not available	Oversupply
5/5/2021 13:31	1:17	SSA3	2.085	0.001	Oversupply
5/5/2021 13:32	1:16	KWPPII	22.190	20.708	Oversupply
5/5/2021 13:32	1:16	SSA2	3.067	-0.001	Oversupply
5/5/2021 13:45	0:05	AWE	0.115	21.000	Oversupply
5/5/2021 13:55	0:33	AWE	3.854	21.000	Oversupply
5/5/2021 14:32	0:12	AWE	0.694	19.300	Oversupply
5/5/2021 14:48	0:38	SSA3	0.903	0.102	Oversupply
5/5/2021 14:48	0:38	SSA2	1.285	0.005	Oversupply
5/5/2021 14:49	0:01	AWE	0.004	19.400	Oversupply
5/5/2021 14:49	0:37	KWPPII	11.850	20.688	Oversupply
5/5/2021 14:54	0:22	AWE	1.223	21.000	Oversupply
5/5/2021 15:20	0:02	AWE	0.025	18.200	Oversupply
5/5/2021 15:28	0:18	BS250	Data is not available	Data is not available	Oversupply
5/5/2021 15:28	0:19	17-2	0.113	0.730	Oversupply
5/5/2021 15:28	0:18	KWPPII	2.232	20.634	Oversupply
5/5/2021 15:28	0:18	SSA3	0.265	0.113	Oversupply
5/5/2021 15:28	0:18	SSA2	0.212	0.012	Oversupply
5/5/2021 15:48	0:02	SSA3	0.000	0.795	Oversupply
5/5/2021 15:50	0:01	17-2	0.006	0.348	Oversupply
5/5/2021 16:19	0:02	SSA2	0.006	0.792	Oversupply
5/5/2021 16:20	0:03	17-2	0.010	0.200	Oversupply
5/5/2021 16:21	0:02	SSA3	0.004	0.232	Oversupply
5/5/2021 16:21	0:02	SSA2	0.006	0.651	Oversupply
5/5/2021 16:27	0:29	17-2	0.076	0.176	Oversupply
5/5/2021 16:27	0:02	SSA3	0.004	0.700	Oversupply
5/5/2021 16:27	0:02	SSA2	0.006	0.652	Oversupply
5/5/2021 16:28	0:01	BS250	Data is not available	Data is not available	Oversupply
5/5/2021 16:29	0:02	SSA3	0.014	0.095	Oversupply
5/5/2021 16:29	0:02	SSA2	0.016	0.027	Oversupply
5/5/2021 16:30	0:02	BS250	Data is not available	Data is not available	Oversupply
5/5/2021 16:30	0:02	KWPPII	0.010	20.674	Oversupply
5/5/2021 16:31	0:02	SSA3	0.018	0.015	Oversupply
5/5/2021 16:31	0:02	SSA2	0.022	0.000	Oversupply
5/5/2021 16:33	0:02	SSA3	0.018	-0.001	Oversupply
5/5/2021 16:33	0:02	SSA2	0.023	0.050	Oversupply
5/5/2021 16:35	0:06	BS250	Data is not available	Data is not available	Oversupply
5/5/2021 16:35	0:02	SSA3	0.018	0.006	Oversupply
5/5/2021 16:35	0:06	SSA2	0.067	0.028	Oversupply
5/5/2021 16:36	0:05	KWPPII	0.045	20.702	Oversupply
5/5/2021 16:37	0:04	SSA3	0.037	0.101	Oversupply
5/5/2021 16:41	0:02	SSA3	0.018	0.217	Oversupply
5/5/2021 16:41	0:02	SSA2	0.022	0.049	Oversupply
5/5/2021 16:42	0:13	BS250	Data is not available	Data is not available	Oversupply
5/5/2021 16:43	0:12	KWPPII	0.412	20.670	Oversupply
5/5/2021 16:43	0:12	SSA3	0.096	0.010	Oversupply
5/5/2021 16:43	0:12	SSA2	0.115	0.003	Oversupply
5/5/2021 16:55	0:02	SSA3	0.016	0.415	Oversupply
5/5/2021 16:55	0:02	SSA2	0.019	0.186	Oversupply
5/5/2021 16:57	0:05	17-2	0.009	0.118	Oversupply
5/5/2021 16:57	0:02	SSA3	0.016	0.616	Oversupply
5/5/2021 16:57	0:02	SSA2	0.019	0.610	Oversupply
5/5/2021 16:59	0:02	BS250	Data is not available	Data is not available	Oversupply
5/5/2021 16:59	0:02	KWPPII	0.007	20.674	Oversupply
5/5/2021 16:59	0:02	SSA3	0.008	0.003	Oversupply
5/5/2021 16:59	0:02	SSA2	0.011	0.001	Oversupply
5/5/2021 17:03	0:02	SSA2	0.004	0.124	Oversupply
5/5/2021 17:04	0:02	17-2	0.003	0.083	Oversupply
5/5/2021 17:05	0:02	SSA2	0.004	0.488	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/5/2021 20:51	0:09	KWP/II	0.132	20.312	Oversupply
5/5/2021 21:16	0:01	KWP/II	0.004	20.289	Oversupply
5/5/2021 22:41	0:03	KWP/II	0.045	20.612	Oversupply
5/5/2021 22:56	0:33	KWP/II	1.666	20.277	Oversupply
5/6/2021 0:50	0:02	KWP/II	0.006	20.703	Oversupply
5/6/2021 0:54	1:26	KWP/II	9.424	20.708	Oversupply
5/6/2021 2:29	0:48	KWP/II	9.483	20.560	Oversupply
5/6/2021 3:00	0:01	AWE	0.006	17.300	Oversupply
5/6/2021 3:03	0:03	AWE	0.045	19.700	Oversupply
5/6/2021 3:08	0:04	AWE	0.037	21.000	Oversupply
5/6/2021 3:19	0:34	KWP/II	4.860	19.759	Oversupply
5/6/2021 6:48	0:13	BS250	Data is not available	Data is not available	Oversupply
5/6/2021 6:48	0:13	KWP/II	0.776	17.140	Oversupply
5/6/2021 6:48	0:12	SSA3	0.033	0.169	Oversupply
5/6/2021 6:48	0:12	SSA2	0.027	0.084	Oversupply
5/6/2021 6:49	0:12	17-2	0.013	0.080	Oversupply
5/6/2021 7:02	1:12	BS250	Data is not available	Data is not available	Oversupply
5/6/2021 7:02	1:12	KWP/II	8.497	20.666	Oversupply
5/6/2021 7:02	1:13	17-2	0.059	0.082	Oversupply
5/6/2021 7:02	1:11	SSA3	0.333	0.004	Oversupply
5/6/2021 7:02	1:13	SSA2	0.275	0.004	Oversupply
5/6/2021 8:12	0:02	SSA3	0.016	0.056	Oversupply
5/6/2021 10:57	0:01	17-2	0.000	0.266	Oversupply
5/6/2021 10:58	0:02	SSA3	0.001	1.192	Oversupply
5/6/2021 10:58	0:02	SSA2	-0.003	2.033	Oversupply
5/6/2021 10:59	0:01	17-2	0.005	0.303	Oversupply
5/6/2021 11:00	0:02	SSA3	-0.002	1.132	Oversupply
5/6/2021 11:00	0:02	SSA2	0.000	1.461	Oversupply
5/6/2021 11:01	0:01	17-2	0.005	0.315	Oversupply
5/6/2021 13:17	0:02	SSA2	0.016	1.492	Oversupply
5/6/2021 13:17	0:02	SSA3	0.043	2.175	Oversupply
5/6/2021 13:18	0:24	17-2	0.087	0.351	Oversupply
5/6/2021 13:19	0:02	SSA2	0.017	1.557	Oversupply
5/6/2021 13:19	0:02	SSA3	0.043	1.848	Oversupply
5/6/2021 13:21	0:02	SSA2	0.017	0.762	Oversupply
5/6/2021 13:21	0:02	SSA3	0.043	0.989	Oversupply
5/6/2021 13:23	0:02	SSA2	0.017	0.187	Oversupply
5/6/2021 13:23	0:02	SSA3	0.043	0.249	Oversupply
5/6/2021 13:25	0:02	SSA2	0.016	0.313	Oversupply
5/6/2021 13:25	0:02	SSA3	0.043	0.138	Oversupply
5/6/2021 13:27	0:02	SSA2	0.017	0.728	Oversupply
5/6/2021 13:27	0:02	SSA3	0.043	0.119	Oversupply
5/6/2021 13:29	0:02	SSA2	0.017	1.064	Oversupply
5/6/2021 13:29	0:02	SSA3	0.030	0.118	Oversupply
5/6/2021 13:31	0:02	SSA2	0.017	1.110	Oversupply
5/6/2021 13:31	0:04	SSA3	0.064	1.211	Oversupply
5/6/2021 13:33	0:02	SSA2	0.017	0.993	Oversupply
5/6/2021 13:35	0:02	SSA2	0.017	0.707	Oversupply
5/6/2021 13:35	0:02	SSA3	0.032	0.457	Oversupply
5/6/2021 13:37	0:02	SSA2	0.017	0.212	Oversupply
5/6/2021 13:37	0:02	SSA3	0.032	0.414	Oversupply
5/6/2021 13:39	0:02	SSA2	0.017	0.449	Oversupply
5/6/2021 13:39	0:02	SSA3	0.032	1.000	Oversupply
5/6/2021 13:53	0:06	17-2	0.031	0.386	Oversupply
5/6/2021 13:53	0:02	SSA2	0.006	1.268	Oversupply
5/6/2021 13:53	0:02	SSA3	0.014	2.529	Oversupply
5/6/2021 13:55	0:02	SSA2	0.006	0.138	Oversupply
5/6/2021 13:55	0:02	SSA3	0.014	0.834	Oversupply
5/6/2021 13:57	0:02	SSA2	0.006	0.892	Oversupply
5/6/2021 13:57	0:02	SSA3	0.014	1.413	Oversupply
5/6/2021 14:01	0:09	17-2	0.045	0.414	Oversupply
5/6/2021 14:03	0:02	SSA2	0.004	1.333	Oversupply
5/6/2021 14:03	0:02	SSA3	0.016	2.299	Oversupply
5/6/2021 14:05	0:02	SSA2	0.004	0.562	Oversupply
5/6/2021 14:05	0:02	SSA3	0.016	0.701	Oversupply
5/6/2021 14:07	0:02	SSA2	0.004	1.053	Oversupply
5/6/2021 14:07	0:02	SSA3	0.016	2.184	Oversupply
5/7/2021 8:58	0:01	17-2	0.001	0.225	Oversupply
5/7/2021 9:01	0:02	SSA3	0.041	2.106	Oversupply
5/7/2021 9:03	0:08	17-2	0.059	0.750	Oversupply
5/7/2021 9:03	0:02	SSA2	0.019	1.830	Oversupply
5/7/2021 9:03	0:02	SSA3	0.041	0.184	Oversupply
5/7/2021 9:05	0:02	SSA2	0.019	0.617	Oversupply
5/7/2021 9:05	0:02	SSA3	0.041	0.020	Oversupply
5/7/2021 9:07	0:01	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
5/7/2021 9:07	0:01	KWP1I	0.009	10.280	Oversupply
5/7/2021 9:07	0:02	SSA2	0.019	0.004	Oversupply
5/7/2021 9:07	0:02	SSA3	0.041	0.028	Oversupply
5/7/2021 9:09	0:02	SSA2	0.019	0.126	Oversupply
5/7/2021 9:14	0:01	17-2	0.001	0.748	Oversupply
5/7/2021 9:16	0:02	17-2	0.002	0.750	Oversupply
5/7/2021 9:20	0:01	17-2	0.001	0.741	Oversupply
5/7/2021 9:26	0:01	17-2	0.001	0.750	Oversupply
5/7/2021 9:32	0:01	17-2	0.001	0.750	Oversupply
5/7/2021 9:36	0:01	17-2	0.001	0.750	Oversupply
5/7/2021 9:39	0:02	SSA2	0.012	0.658	Oversupply
5/7/2021 9:40	0:02	SSA3	0.027	0.221	Oversupply
5/7/2021 9:41	0:02	SSA2	0.012	0.343	Oversupply
5/7/2021 9:42	0:03	BS250	Data is not available	Data is not available	Oversupply
5/7/2021 9:42	0:03	KWP1I	0.025	12.295	Oversupply
5/7/2021 9:42	0:02	SSA3	0.027	0.393	Oversupply
5/7/2021 9:43	0:02	SSA2	0.011	0.008	Oversupply
5/7/2021 9:44	0:02	SSA3	0.032	0.000	Oversupply
5/7/2021 9:45	0:02	SSA2	0.009	0.129	Oversupply
5/7/2021 9:46	0:02	SSA3	0.041	0.108	Oversupply
5/7/2021 9:47	0:02	SSA2	0.009	0.124	Oversupply
5/7/2021 9:48	0:02	SSA3	0.041	0.130	Oversupply
5/7/2021 9:49	0:02	SSA2	0.009	0.570	Oversupply
5/7/2021 9:50	0:02	SSA3	0.040	1.113	Oversupply
5/7/2021 9:51	0:02	SSA2	0.009	0.154	Oversupply
5/7/2021 9:52	0:02	SSA3	0.040	0.297	Oversupply
5/7/2021 9:57	0:02	SSA2	0.009	1.674	Oversupply
5/7/2021 9:58	0:02	SSA3	0.046	2.544	Oversupply
5/7/2021 9:59	0:02	SSA2	0.025	0.395	Oversupply
5/7/2021 10:00	0:02	SSA3	0.085	1.336	Oversupply
5/7/2021 10:01	3:16	BS250	Data is not available	Data is not available	Oversupply
5/7/2021 10:01	3:16	KWP1I	37.288	17.972	Oversupply
5/7/2021 10:01	3:15	SSA2	6.676	0.006	Oversupply
5/7/2021 10:02	0:02	SSA3	0.085	0.027	Oversupply
5/7/2021 10:04	3:14	SSA3	8.956	0.004	Oversupply
5/7/2021 10:24	3:48	17-2	2.767	0.750	Oversupply
5/7/2021 10:33	0:03	AWE	0.016	20.700	Oversupply
5/7/2021 10:50	0:39	AWE	2.449	20.900	Oversupply
5/7/2021 11:30	1:43	AWE	7.924	21.000	Oversupply
5/7/2021 13:16	0:02	SSA2	0.065	-0.001	Oversupply
5/7/2021 13:18	0:02	SSA3	0.096	0.122	Oversupply
5/7/2021 13:18	0:12	SSA2	0.391	0.027	Oversupply
5/7/2021 13:19	0:11	BS250	Data is not available	Data is not available	Oversupply
5/7/2021 13:19	0:11	KWP1I	0.995	10.066	Oversupply
5/7/2021 13:20	0:10	SSA3	0.481	0.008	Oversupply
5/7/2021 13:30	0:02	SSA3	0.095	0.001	Oversupply
5/7/2021 13:31	0:02	SSA2	0.049	0.047	Oversupply
5/7/2021 13:32	0:02	SSA3	0.095	0.136	Oversupply
5/7/2021 13:33	0:02	SSA2	0.050	0.144	Oversupply
5/7/2021 13:33	0:25	BS250	Data is not available	Data is not available	Oversupply
5/7/2021 13:33	0:25	KWP1I	1.530	11.010	Oversupply
5/7/2021 13:34	0:02	SSA3	0.095	0.001	Oversupply
5/7/2021 13:35	0:02	SSA2	0.049	0.121	Oversupply
5/7/2021 13:36	0:22	SSA3	1.022	0.085	Oversupply
5/7/2021 13:37	0:22	SSA2	0.733	0.005	Oversupply
5/7/2021 13:58	0:02	SSA3	0.086	0.337	Oversupply
5/7/2021 13:59	0:02	SSA2	0.062	0.119	Oversupply
5/7/2021 14:00	0:02	SSA3	0.061	0.702	Oversupply
5/7/2021 14:01	0:02	SSA2	0.043	0.325	Oversupply
5/7/2021 14:02	0:01	BS250	Data is not available	Data is not available	Oversupply
5/7/2021 14:02	0:01	KWP1I	0.016	10.472	Oversupply
5/7/2021 14:02	0:02	SSA3	0.060	0.018	Oversupply
5/7/2021 14:03	0:02	SSA2	0.043	0.018	Oversupply
5/7/2021 14:04	0:02	SSA3	0.060	0.134	Oversupply
5/7/2021 14:05	0:01	BS250	Data is not available	Data is not available	Oversupply
5/7/2021 14:05	0:01	KWP1I	0.009	10.982	Oversupply
5/7/2021 14:05	0:02	SSA2	0.043	0.012	Oversupply
5/7/2021 14:06	0:02	SSA3	0.060	0.005	Oversupply
5/7/2021 14:07	0:02	SSA2	0.043	0.054	Oversupply
5/7/2021 14:08	0:02	SSA3	0.060	0.486	Oversupply
5/7/2021 14:09	0:02	SSA2	0.043	0.474	Oversupply
5/7/2021 14:10	0:02	SSA3	0.060	2.040	Oversupply
5/7/2021 14:13	0:08	17-2	0.075	0.750	Oversupply
5/7/2021 14:13	0:02	SSA2	0.034	2.264	Oversupply
5/7/2021 14:14	0:02	SSA3	0.021	1.136	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/7/2021 14:15	0:02	SSA2	0.009	1.690	Oversupply
5/7/2021 14:16	0:02	SSA3	0.007	2.352	Oversupply
5/7/2021 14:17	0:02	SSA2	0.009	2.862	Oversupply
5/7/2021 14:18	0:02	SSA3	0.008	1.252	Oversupply
5/7/2021 14:19	0:02	SSA2	0.009	1.729	Oversupply
5/7/2021 14:31	0:01	17-2	0.012	0.695	Oversupply
5/7/2021 22:37	0:08	KWPPII	0.130	16.075	Oversupply
5/7/2021 22:58	0:01	KWPPII	0.020	12.981	Oversupply
5/7/2021 23:01	1:25	KWPPII	8.899	17.087	Oversupply
5/8/2021 0:30	0:35	KWPPII	2.343	15.530	Oversupply
5/8/2021 1:06	2:26	KWPPII	31.508	17.698	Oversupply
5/8/2021 2:03	0:07	AWE	0.186	17.300	Oversupply
5/8/2021 2:11	0:06	AWE	0.028	17.600	Oversupply
5/8/2021 2:21	0:01	AWE	0.005	16.000	Oversupply
5/8/2021 2:23	0:59	AWE	2.522	21.000	Oversupply
5/8/2021 3:25	0:03	AWE	0.026	21.000	Oversupply
5/8/2021 3:34	2:00	KWPPII	20.126	17.083	Oversupply
5/8/2021 4:10	0:02	AWE	0.004	18.500	Oversupply
5/8/2021 4:13	0:36	AWE	3.253	19.800	Oversupply
5/8/2021 4:52	0:17	AWE	0.686	15.000	Oversupply
5/8/2021 5:13	0:02	AWE	0.013	14.000	Oversupply
5/8/2021 5:22	0:04	AWE	0.041	15.800	Oversupply
5/8/2021 5:36	0:33	KWPPII	3.596	16.274	Oversupply
5/8/2021 5:44	0:25	BS250	Data is not available	Data is not available	Oversupply
5/8/2021 6:42	0:02	BS250	Data is not available	Data is not available	Oversupply
5/8/2021 6:42	0:02	KWPPII	0.002	11.323	Oversupply
5/8/2021 6:42	0:58	17-2	0.094	0.363	Oversupply
5/8/2021 6:42	0:02	SSA3	0.004	0.184	Oversupply
5/8/2021 6:44	0:02	SSA3	0.005	0.200	Oversupply
5/8/2021 6:45	0:54	BS250	Data is not available	Data is not available	Oversupply
5/8/2021 6:45	0:54	KWPPII	5.867	15.446	Oversupply
5/8/2021 6:45	0:04	SSA2	0.010	0.031	Oversupply
5/8/2021 6:46	0:04	SSA3	0.022	0.035	Oversupply
5/8/2021 6:49	0:50	SSA2	0.324	0.002	Oversupply
5/8/2021 6:50	0:50	SSA3	0.484	-0.001	Oversupply
5/8/2021 7:46	0:02	SSA3	0.031	1.018	Oversupply
5/8/2021 7:47	0:46	17-2	0.189	0.621	Oversupply
5/8/2021 7:47	0:16	SSA2	0.223	0.034	Oversupply
5/8/2021 7:48	0:16	BS250	Data is not available	Data is not available	Oversupply
5/8/2021 7:48	0:16	KWPPII	0.395	6.950	Oversupply
5/8/2021 7:48	0:16	SSA3	0.272	0.006	Oversupply
5/8/2021 8:03	0:02	SSA2	0.034	0.003	Oversupply
5/8/2021 8:04	0:02	SSA3	0.041	0.088	Oversupply
5/8/2021 8:05	0:11	BS250	Data is not available	Data is not available	Oversupply
5/8/2021 8:05	0:08	SSA2	0.137	0.034	Oversupply
5/8/2021 8:06	0:10	KWPPII	0.143	9.322	Oversupply
5/8/2021 8:06	0:06	SSA3	0.123	0.039	Oversupply
5/8/2021 8:12	0:04	SSA3	0.066	0.014	Oversupply
5/8/2021 8:13	0:02	SSA2	0.031	0.003	Oversupply
5/8/2021 8:15	0:02	SSA2	0.035	0.009	Oversupply
5/8/2021 8:16	0:02	SSA3	0.030	0.127	Oversupply
5/8/2021 8:17	0:03	BS250	Data is not available	Data is not available	Oversupply
5/8/2021 8:17	0:03	KWPPII	0.026	6.671	Oversupply
5/8/2021 8:17	0:02	SSA2	0.036	0.001	Oversupply
5/8/2021 8:18	0:02	SSA3	0.030	0.000	Oversupply
5/8/2021 8:19	0:02	SSA2	0.036	0.003	Oversupply
5/8/2021 8:20	0:02	SSA3	0.030	0.485	Oversupply
5/8/2021 8:21	0:02	SSA2	0.035	0.148	Oversupply
5/8/2021 8:22	0:02	SSA3	0.030	0.312	Oversupply
5/8/2021 8:23	0:02	SSA2	0.036	0.084	Oversupply
5/8/2021 8:24	0:02	SSA3	0.030	0.451	Oversupply
5/8/2021 8:25	0:02	SSA2	0.036	0.356	Oversupply
5/8/2021 8:29	0:02	SSA3	0.016	1.587	Oversupply
5/8/2021 8:29	0:02	SSA2	0.019	0.957	Oversupply
5/8/2021 8:31	0:02	SSA3	0.008	0.788	Oversupply
5/8/2021 8:40	6:06	17-2	3.271	0.750	Oversupply
5/8/2021 8:41	0:02	SSA3	0.008	1.742	Oversupply
5/8/2021 8:42	0:01	BS250	Data is not available	Data is not available	Oversupply
5/8/2021 8:42	0:02	SSA2	0.005	0.232	Oversupply
5/8/2021 8:43	0:02	SSA3	0.010	0.290	Oversupply
5/8/2021 8:44	0:02	SSA2	0.018	0.509	Oversupply
5/8/2021 8:45	0:02	SSA3	0.048	0.910	Oversupply
5/8/2021 8:46	0:02	SSA2	0.025	0.019	Oversupply
5/8/2021 8:47	0:02	SSA3	0.048	0.908	Oversupply
5/8/2021 8:48	0:02	SSA2	0.025	0.137	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/8/2021 8:50	0:02	SSA2	0.025	0.136	Oversupply
5/8/2021 8:51	0:01	BS250	Data is not available	Data is not available	Oversupply
5/8/2021 8:51	0:01	KWP/II	0.002	2.708	Oversupply
5/8/2021 8:51	0:02	SSA3	0.048	0.038	Oversupply
5/8/2021 8:52	0:02	SSA2	0.025	0.018	Oversupply
5/8/2021 8:53	0:02	SSA3	0.048	0.022	Oversupply
5/8/2021 8:54	0:02	SSA2	0.025	0.096	Oversupply
5/8/2021 8:55	0:02	SSA3	0.048	0.105	Oversupply
5/8/2021 8:56	0:02	SSA2	0.025	0.137	Oversupply
5/8/2021 8:57	0:02	SSA3	0.048	0.331	Oversupply
5/8/2021 8:58	3:12	BS250	Data is not available	Data is not available	Oversupply
5/8/2021 8:58	3:11	SSA2	7.240	0.085	Oversupply
5/8/2021 8:59	0:42	KWP/II	1.579	4.261	Oversupply
5/8/2021 8:59	3:11	SSA3	8.222	0.006	Oversupply
5/8/2021 9:07	3:02	AWE	20.029	21.000	Oversupply
5/8/2021 10:30	1:11	KWP/II	1.197	2.217	Oversupply
5/8/2021 11:43	0:07	KWP/II	0.017	0.368	Oversupply
5/8/2021 11:55	0:12	KWP/II	0.196	1.554	Oversupply
5/8/2021 12:09	0:02	SSA2	0.092	-0.001	Oversupply
5/8/2021 12:10	0:02	SSA3	0.095	0.175	Oversupply
5/8/2021 12:11	0:02	SSA2	0.070	0.407	Oversupply
5/8/2021 12:12	0:02	SSA3	0.095	0.056	Oversupply
5/8/2021 12:13	1:36	BS250	Data is not available	Data is not available	Oversupply
5/8/2021 12:13	0:02	SSA2	0.055	0.052	Oversupply
5/8/2021 12:14	1:37	SSA3	4.490	0.017	Oversupply
5/8/2021 12:15	0:01	AWE	0.000	21.000	Oversupply
5/8/2021 12:15	1:35	SSA2	4.319	0.029	Oversupply
5/8/2021 12:17	0:28	AWE	1.388	21.000	Oversupply
5/8/2021 12:18	1:31	KWP/II	8.560	11.080	Oversupply
5/8/2021 12:47	0:01	AWE	0.001	21.000	Oversupply
5/8/2021 12:50	0:55	AWE	3.954	21.000	Oversupply
5/8/2021 13:50	0:02	SSA2	0.047	0.034	Oversupply
5/8/2021 13:51	0:34	SSA3	1.250	0.055	Oversupply
5/8/2021 13:52	0:34	BS250	Data is not available	Data is not available	Oversupply
5/8/2021 13:52	0:34	KWP/II	3.347	12.773	Oversupply
5/8/2021 13:52	0:34	SSA2	1.550	0.050	Oversupply
5/8/2021 14:15	0:01	AWE	0.000	21.000	Oversupply
5/8/2021 14:18	0:01	AWE	0.000	21.000	Oversupply
5/8/2021 14:28	0:02	SSA3	0.045	0.147	Oversupply
5/8/2021 14:28	0:02	SSA2	0.094	0.242	Oversupply
5/8/2021 14:30	0:02	SSA3	0.000	0.513	Oversupply
5/8/2021 14:30	0:02	SSA2	0.058	1.306	Oversupply
5/8/2021 14:34	0:02	SSA3	0.000	0.073	Oversupply
5/8/2021 14:34	0:02	SSA2	0.019	1.239	Oversupply
5/8/2021 15:04	0:02	SSA2	0.005	2.484	Oversupply
5/9/2021 8:32	0:06	17-2	0.004	0.273	Oversupply
5/9/2021 8:33	0:02	SSA3	0.028	0.054	Oversupply
5/9/2021 8:33	0:02	SSA2	0.012	0.555	Oversupply
5/9/2021 8:35	0:02	SSA3	0.028	0.786	Oversupply
5/9/2021 8:35	0:02	SSA2	0.012	0.331	Oversupply
5/9/2021 8:37	0:02	SSA3	0.027	0.593	Oversupply
5/9/2021 8:37	0:02	SSA2	0.012	0.335	Oversupply
5/9/2021 8:39	6:16	17-2	1.823	0.750	Oversupply
5/9/2021 8:39	0:02	SSA3	0.028	1.347	Oversupply
5/9/2021 8:39	0:02	SSA2	0.012	0.555	Oversupply
5/9/2021 8:41	0:02	SSA3	0.028	1.041	Oversupply
5/9/2021 8:41	0:02	SSA2	0.012	0.499	Oversupply
5/9/2021 8:43	0:08	BS250	Data is not available	Data is not available	Oversupply
5/9/2021 8:43	0:08	AWE	0.099	21.000	Oversupply
5/9/2021 8:43	0:02	SSA3	0.034	0.004	Oversupply
5/9/2021 8:43	0:02	SSA2	0.014	0.001	Oversupply
5/9/2021 8:45	0:06	SSA3	0.154	0.029	Oversupply
5/9/2021 8:45	0:06	SSA2	0.151	0.002	Oversupply
5/9/2021 8:51	0:02	SSA3	0.051	0.142	Oversupply
5/9/2021 8:51	0:02	SSA2	0.051	0.067	Oversupply
5/9/2021 8:53	0:02	SSA3	0.051	0.046	Oversupply
5/9/2021 8:53	0:02	SSA2	0.051	0.107	Oversupply
5/9/2021 8:55	0:02	SSA3	0.051	0.715	Oversupply
5/9/2021 8:55	0:02	SSA2	0.050	0.425	Oversupply
5/9/2021 8:57	0:02	SSA3	0.051	0.248	Oversupply
5/9/2021 8:57	0:02	SSA2	0.051	0.214	Oversupply
5/9/2021 8:59	0:02	SSA3	0.034	0.871	Oversupply
5/9/2021 8:59	0:02	SSA2	0.032	0.916	Oversupply
5/9/2021 9:01	0:02	SSA3	0.036	1.375	Oversupply
5/9/2021 9:01	0:02	SSA2	0.034	1.240	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/9/2021 9:03	0:02	SSA2	0.034	1.110	Oversupply
5/9/2021 9:03	0:02	SSA3	0.036	1.163	Oversupply
5/9/2021 9:05	0:04	SSA2	0.069	1.320	Oversupply
5/9/2021 9:05	0:02	SSA3	0.035	1.512	Oversupply
5/9/2021 9:07	0:02	SSA3	0.036	1.374	Oversupply
5/9/2021 9:09	0:02	SSA3	0.036	0.499	Oversupply
5/9/2021 9:09	0:02	SSA2	0.034	0.551	Oversupply
5/9/2021 9:11	0:12	SSA2	0.273	0.108	Oversupply
5/9/2021 9:11	0:12	SSA3	0.302	0.055	Oversupply
5/9/2021 9:12	0:10	BS250	Data is not available	Data is not available	Oversupply
5/9/2021 9:12	0:06	AWE	0.020	21.000	Oversupply
5/9/2021 9:15	0:07	KWPPII	0.066	0.838	Oversupply
5/9/2021 9:19	0:03	AWE	0.019	21.000	Oversupply
5/9/2021 9:23	0:02	SSA2	0.049	0.029	Oversupply
5/9/2021 9:23	0:02	SSA3	0.055	0.200	Oversupply
5/9/2021 9:25	0:02	SSA2	0.048	0.176	Oversupply
5/9/2021 9:25	0:02	SSA3	0.055	0.197	Oversupply
5/9/2021 9:27	5:28	BS250	Data is not available	Data is not available	Oversupply
5/9/2021 9:27	4:14	AWE	46.890	21.000	Oversupply
5/9/2021 9:27	5:28	SSA2	9.445	0.000	Oversupply
5/9/2021 9:28	5:27	SSA3	13.634	0.007	Oversupply
5/9/2021 9:36	5:19	KWPPII	56.785	19.613	Oversupply
5/9/2021 12:26	0:01	5A	Data is not available	Data is not available	Oversupply
5/9/2021 12:26	0:01	MS	Data is not available	Data is not available	Oversupply
5/9/2021 12:32	0:02	5A	Data is not available	Data is not available	Oversupply
5/9/2021 12:32	0:02	MS	Data is not available	Data is not available	Oversupply
5/9/2021 12:37	0:01	5A	Data is not available	Data is not available	Oversupply
5/9/2021 12:37	0:01	MS	Data is not available	Data is not available	Oversupply
5/9/2021 12:40	0:01	5A	Data is not available	Data is not available	Oversupply
5/9/2021 12:40	0:01	MS	Data is not available	Data is not available	Oversupply
5/9/2021 12:42	0:01	5A	Data is not available	Data is not available	Oversupply
5/9/2021 12:42	0:01	MS	Data is not available	Data is not available	Oversupply
5/9/2021 13:45	0:10	AWE	0.415	21.000	Oversupply
5/9/2021 13:58	0:27	AWE	1.666	21.000	Oversupply
5/9/2021 14:27	0:08	AWE	0.074	21.000	Oversupply
5/9/2021 14:43	0:08	AWE	0.141	21.000	Oversupply
5/9/2021 14:56	1:29	SSA3	2.497	0.444	Oversupply
5/9/2021 14:57	1:27	BS250	Data is not available	Data is not available	Oversupply
5/9/2021 14:57	1:27	KWPPII	15.362	20.673	Oversupply
5/9/2021 14:57	1:41	17-2	0.684	0.750	Oversupply
5/9/2021 14:58	1:27	SSA2	2.352	0.006	Oversupply
5/9/2021 16:24	0:02	SSA2	0.030	0.126	Oversupply
5/9/2021 16:25	0:02	SSA3	0.039	0.526	Oversupply
5/9/2021 16:26	0:01	BS250	Data is not available	Data is not available	Oversupply
5/9/2021 16:26	0:01	KWPPII	0.000	18.085	Oversupply
5/9/2021 16:26	0:02	SSA2	0.030	0.056	Oversupply
5/9/2021 16:27	0:02	SSA3	0.039	1.836	Oversupply
5/9/2021 16:28	0:02	SSA2	0.024	0.182	Oversupply
5/9/2021 16:29	0:02	SSA3	0.032	1.781	Oversupply
5/9/2021 16:30	0:02	SSA2	0.020	0.190	Oversupply
5/9/2021 16:31	0:03	BS250	Data is not available	Data is not available	Oversupply
5/9/2021 16:31	0:03	KWPPII	0.033	19.715	Oversupply
5/9/2021 16:31	0:04	SSA3	0.060	0.010	Oversupply
5/9/2021 16:32	0:02	SSA2	0.020	0.002	Oversupply
5/9/2021 16:34	0:02	SSA2	0.019	0.240	Oversupply
5/9/2021 16:35	0:02	SSA3	0.030	0.053	Oversupply
5/9/2021 16:40	0:05	17-2	0.011	0.139	Oversupply
5/9/2021 16:40	0:02	SSA2	0.020	0.328	Oversupply
5/9/2021 16:41	0:02	SSA3	0.030	0.955	Oversupply
5/9/2021 16:42	0:02	SSA2	0.019	1.216	Oversupply
5/9/2021 16:43	0:02	SSA3	0.020	1.348	Oversupply
5/9/2021 16:49	0:01	17-2	0.001	0.198	Oversupply
5/9/2021 22:50	2:07	KWPPII	29.487	20.682	Oversupply
5/10/2021 0:15	0:03	AWE	0.025	20.100	Oversupply
5/10/2021 0:19	0:23	AWE	0.755	21.000	Oversupply
5/10/2021 0:45	0:03	AWE	0.040	19.900	Oversupply
5/10/2021 0:49	0:04	AWE	0.083	20.300	Oversupply
5/10/2021 0:58	3:03	KWPPII	39.594	18.806	Oversupply
5/10/2021 1:08	0:26	AWE	1.512	21.000	Oversupply
5/10/2021 1:36	0:01	AWE	0.004	21.000	Oversupply
5/10/2021 1:47	0:24	AWE	0.973	21.000	Oversupply
5/10/2021 2:47	0:01	AWE	0.000	21.000	Oversupply
5/10/2021 2:50	0:34	AWE	1.086	21.000	Oversupply
5/10/2021 3:25	0:15	AWE	0.537	21.000	Oversupply
5/10/2021 3:46	0:05	AWE	0.037	21.000	Oversupply



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/10/2021 4:02	0:30	KWPII	1.457	9.149	Oversupply
5/10/2021 4:43	0:09	KWPII	0.236	7.615	Oversupply
5/10/2021 4:56	0:09	KWPII	0.330	10.595	Oversupply
5/10/2021 5:07	0:01	KWPII	0.002	8.841	Oversupply
5/10/2021 5:09	0:01	KWPII	0.011	10.458	Oversupply
5/10/2021 5:53	0:01	BS250	Data is not available	Data is not available	Oversupply
5/10/2021 5:53	0:01	KWPII	0.000	13.475	Oversupply
5/10/2021 5:55	0:02	BS250	Data is not available	Data is not available	Oversupply
5/10/2021 5:55	0:02	KWPII	0.009	13.329	Oversupply
5/10/2021 7:35	0:02	SSA3	0.008	0.860	Oversupply
5/10/2021 7:37	0:06	17-2	0.011	0.140	Oversupply
5/10/2021 7:37	0:02	SSA2	0.002	0.367	Oversupply
5/10/2021 7:37	0:02	SSA3	0.008	0.890	Oversupply
5/10/2021 7:39	0:02	SSA2	0.002	0.052	Oversupply
5/10/2021 7:39	0:02	SSA3	0.008	0.319	Oversupply
5/10/2021 7:41	0:02	SSA2	0.002	0.078	Oversupply
5/10/2021 7:41	0:04	SSA3	0.023	0.079	Oversupply
5/10/2021 7:44	0:01	17-2	0.001	0.093	Oversupply
5/10/2021 7:49	0:13	BS250	Data is not available	Data is not available	Oversupply
5/10/2021 7:49	0:13	KWPII	0.410	8.413	Oversupply
5/10/2021 7:49	0:18	17-2	0.043	0.187	Oversupply
5/10/2021 7:49	0:14	SSA2	0.063	0.337	Oversupply
5/10/2021 7:50	0:12	SSA3	0.151	0.026	Oversupply
5/10/2021 8:02	0:02	SSA3	0.016	0.166	Oversupply
5/10/2021 8:03	0:01	BS250	Data is not available	Data is not available	Oversupply
5/10/2021 8:03	0:01	KWPII	0.006	8.858	Oversupply
5/10/2021 8:03	0:02	SSA2	0.007	0.008	Oversupply
5/10/2021 8:04	0:02	SSA3	0.016	0.003	Oversupply
5/10/2021 8:09	0:01	17-2	0.002	0.206	Oversupply
5/10/2021 8:09	0:02	SSA2	0.007	0.484	Oversupply
5/10/2021 8:10	0:02	SSA3	0.016	0.910	Oversupply
5/10/2021 9:43	0:01	17-2	0.006	0.385	Oversupply
5/10/2021 9:50	0:01	17-2	0.003	0.392	Oversupply
5/10/2021 9:58	0:19	17-2	0.117	0.750	Oversupply
5/10/2021 9:59	0:02	SSA3	0.049	2.643	Oversupply
5/10/2021 10:00	0:02	SSA2	0.048	0.352	Oversupply
5/10/2021 10:01	0:01	BS250	Data is not available	Data is not available	Oversupply
5/10/2021 10:01	0:01	KWPII	0.004	10.119	Oversupply
5/10/2021 10:01	0:10	SSA3	0.428	0.025	Oversupply
5/10/2021 10:02	0:02	SSA2	0.048	0.031	Oversupply
5/10/2021 10:03	0:08	BS250	Data is not available	Data is not available	Oversupply
5/10/2021 10:03	0:08	KWPII	0.262	12.428	Oversupply
5/10/2021 10:04	0:08	SSA2	0.190	0.004	Oversupply
5/10/2021 10:11	0:02	SSA3	0.084	0.122	Oversupply
5/10/2021 10:12	0:02	SSA2	0.048	0.110	Oversupply
5/10/2021 10:13	0:02	SSA3	0.082	0.308	Oversupply
5/10/2021 10:14	0:02	SSA2	0.043	0.115	Oversupply
5/10/2021 10:15	0:02	SSA3	0.076	1.285	Oversupply
5/10/2021 10:16	0:02	SSA2	0.071	0.688	Oversupply
5/10/2021 10:18	1:00	17-2	0.461	0.750	Oversupply
5/10/2021 10:18	0:02	SSA2	0.072	1.758	Oversupply
5/10/2021 10:19	0:04	SSA3	0.155	0.058	Oversupply
5/10/2021 10:20	0:02	BS250	Data is not available	Data is not available	Oversupply
5/10/2021 10:20	0:02	SSA2	0.071	0.036	Oversupply
5/10/2021 10:21	0:01	KWPII	0.007	10.485	Oversupply
5/10/2021 10:22	0:02	SSA2	0.072	0.090	Oversupply
5/10/2021 10:23	0:54	BS250	Data is not available	Data is not available	Oversupply
5/10/2021 10:23	0:54	KWPII	7.933	16.772	Oversupply
5/10/2021 10:23	0:54	SSA3	2.526	0.003	Oversupply
5/10/2021 10:24	0:52	SSA2	1.748	0.004	Oversupply
5/10/2021 10:40	0:01	AWE	0.002	21.000	Oversupply
5/10/2021 10:49	0:22	AWE	1.660	21.000	Oversupply
5/10/2021 11:16	0:02	SSA2	0.047	0.001	Oversupply
5/10/2021 11:18	0:02	SSA2	0.048	1.059	Oversupply
5/10/2021 11:19	0:09	BS250	Data is not available	Data is not available	Oversupply
5/10/2021 11:19	0:09	KWPII	0.436	12.289	Oversupply
5/10/2021 11:19	3:28	17-2	1.785	0.750	Oversupply
5/10/2021 11:20	0:08	SSA3	0.380	0.004	Oversupply
5/10/2021 11:20	0:08	SSA2	0.188	0.017	Oversupply
5/10/2021 11:28	0:02	SSA3	0.095	-0.001	Oversupply
5/10/2021 11:28	0:02	SSA2	0.048	0.062	Oversupply
5/10/2021 11:30	0:02	SSA3	0.091	0.119	Oversupply
5/10/2021 11:30	0:02	SSA2	0.056	0.112	Oversupply
5/10/2021 11:32	0:02	SSA3	0.091	0.404	Oversupply
5/10/2021 11:32	0:02	SSA2	0.056	0.550	Oversupply



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May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/10/2021 11:34	0:04	SSA3	0.182	0.338	Oversupply
5/10/2021 11:34	0:04	SSA2	0.112	0.017	Oversupply
5/10/2021 11:35	0:03	BS250	Data is not available	Data is not available	Oversupply
5/10/2021 11:35	0:03	KWPPII	0.106	9.016	Oversupply
5/10/2021 11:38	0:02	SSA3	0.091	0.109	Oversupply
5/10/2021 11:38	0:02	SSA2	0.056	0.117	Oversupply
5/10/2021 11:40	3:08	SSA3	8.733	0.110	Oversupply
5/10/2021 11:40	3:05	SSA2	6.775	0.009	Oversupply
5/10/2021 11:41	3:06	BS250	Data is not available	Data is not available	Oversupply
5/10/2021 11:41	0:04	KWPPII	0.296	7.952	Oversupply
5/10/2021 11:46	0:14	AWE	0.602	21.000	Oversupply
5/10/2021 11:46	3:01	KWPPII	43.216	20.233	Oversupply
5/10/2021 12:06	0:03	AWE	0.047	21.000	Oversupply
5/10/2021 12:11	0:19	AWE	1.234	21.000	Oversupply
5/10/2021 12:32	0:21	AWE	1.628	21.000	Oversupply
5/10/2021 13:01	0:03	AWE	0.022	21.000	Oversupply
5/10/2021 13:05	0:13	AWE	0.287	21.000	Oversupply
5/10/2021 13:19	0:43	AWE	3.236	21.000	Oversupply
5/10/2021 14:04	0:39	AWE	4.212	21.000	Oversupply
5/10/2021 14:45	0:02	SSA2	0.019	0.001	Oversupply
5/10/2021 22:02	3:59	KWPPII	54.787	20.708	Oversupply
5/11/2021 1:07	0:01	AWE	0.023	15.000	Oversupply
5/11/2021 1:10	0:01	AWE	0.002	13.000	Oversupply
5/11/2021 1:13	0:01	AWE	0.010	13.400	Oversupply
5/11/2021 1:15	0:10	AWE	0.468	17.500	Oversupply
5/11/2021 1:26	0:02	AWE	0.049	14.200	Oversupply
5/11/2021 1:30	0:04	AWE	0.026	12.100	Oversupply
5/11/2021 1:35	0:07	AWE	0.129	13.200	Oversupply
5/11/2021 1:43	0:01	AWE	0.014	11.800	Oversupply
5/11/2021 1:47	0:01	AWE	0.001	10.600	Oversupply
5/11/2021 1:49	0:05	AWE	0.089	12.600	Oversupply
5/11/2021 2:02	1:36	KWPPII	31.234	20.708	Oversupply
5/11/2021 2:05	0:01	AWE	0.004	9.800	Oversupply
5/11/2021 2:08	0:03	AWE	0.009	9.200	Oversupply
5/11/2021 2:16	0:05	AWE	0.073	10.000	Oversupply
5/11/2021 2:26	0:01	AWE	0.006	8.700	Oversupply
5/11/2021 2:30	0:05	AWE	0.039	9.100	Oversupply
5/11/2021 2:36	0:56	AWE	2.267	13.100	Oversupply
5/11/2021 3:40	0:43	KWPPII	12.967	20.708	Oversupply
5/11/2021 4:03	0:06	AWE	0.340	12.300	Oversupply
5/11/2021 4:10	0:01	AWE	0.009	8.400	Oversupply
5/11/2021 4:12	0:01	AWE	0.004	8.400	Oversupply
5/11/2021 4:25	3:34	KWPPII	38.684	20.708	Oversupply
5/11/2021 5:44	2:15	BS250	Data is not available	Data is not available	Oversupply
5/11/2021 6:02	1:57	SSA3	0.900	0.025	Oversupply
5/11/2021 6:05	1:53	SSA2	0.632	-0.001	Oversupply
5/11/2021 6:17	1:42	17-2	0.249	0.546	Oversupply
5/11/2021 8:00	6:31	SSA2	14.201	0.546	Oversupply
5/11/2021 8:01	6:29	BS250	Data is not available	Data is not available	Oversupply
5/11/2021 8:01	6:24	KWPPII	102.631	20.507	Oversupply
5/11/2021 8:01	8:03	17-2	3.403	0.750	Oversupply
5/11/2021 8:01	6:29	SSA3	15.247	0.089	Oversupply
5/11/2021 9:13	4:23	AWE	49.163	21.000	Oversupply
5/11/2021 13:42	0:38	AWE	1.809	21.000	Oversupply
5/11/2021 14:24	0:04	AWE	0.044	21.000	Oversupply
5/11/2021 14:26	0:04	KWPPII	0.334	6.734	Oversupply
5/11/2021 14:30	0:02	SSA3	0.076	0.393	Oversupply
5/11/2021 14:31	0:02	SSA2	0.080	0.293	Oversupply
5/11/2021 14:32	0:02	SSA3	0.076	0.459	Oversupply
5/11/2021 14:33	0:02	SSA2	0.079	0.040	Oversupply
5/11/2021 14:34	0:02	BS250	Data is not available	Data is not available	Oversupply
5/11/2021 14:34	0:02	AWE	0.009	21.000	Oversupply
5/11/2021 14:34	0:04	SSA3	0.153	0.010	Oversupply
5/11/2021 14:35	0:02	SSA2	0.080	0.003	Oversupply
5/11/2021 14:37	0:02	SSA2	0.080	0.074	Oversupply
5/11/2021 14:38	0:02	SSA3	0.076	0.478	Oversupply
5/11/2021 14:39	0:02	SSA2	0.079	0.111	Oversupply
5/11/2021 14:40	0:02	SSA3	0.076	0.842	Oversupply
5/11/2021 14:41	0:02	SSA2	0.080	0.481	Oversupply
5/11/2021 14:42	0:02	SSA3	0.076	0.903	Oversupply
5/11/2021 14:43	0:02	SSA2	0.078	0.624	Oversupply
5/11/2021 14:44	0:02	SSA3	0.065	1.673	Oversupply
5/11/2021 14:45	0:02	SSA2	0.054	0.837	Oversupply
5/11/2021 14:46	0:02	SSA3	0.056	0.706	Oversupply
5/11/2021 14:47	0:02	SSA2	0.055	0.136	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/11/2021 14:48	0:02	SSA3	0.056	0.465	Oversupply
5/11/2021 14:49	0:02	SSA2	0.054	0.481	Oversupply
5/11/2021 14:50	0:02	SSA3	0.056	1.306	Oversupply
5/11/2021 14:51	0:02	SSA2	0.055	1.485	Oversupply
5/11/2021 14:52	0:02	SSA3	0.056	2.571	Oversupply
5/11/2021 14:54	0:02	SSA3	0.056	2.084	Oversupply
5/11/2021 14:55	0:02	SSA2	0.054	0.039	Oversupply
5/11/2021 14:56	0:01	BS250	Data is not available	Data is not available	Oversupply
5/11/2021 14:56	0:02	SSA3	0.056	0.075	Oversupply
5/11/2021 14:57	0:02	SSA2	0.055	0.719	Oversupply
5/11/2021 14:58	0:36	SSA3	1.332	0.022	Oversupply
5/11/2021 14:59	0:35	BS250	Data is not available	Data is not available	Oversupply
5/11/2021 14:59	0:35	KWP/II	3.829	15.827	Oversupply
5/11/2021 14:59	0:34	SSA2	0.819	0.018	Oversupply
5/11/2021 15:33	0:02	SSA2	0.048	0.000	Oversupply
5/11/2021 15:35	0:02	SSA3	0.061	0.641	Oversupply
5/11/2021 15:35	0:02	SSA2	0.049	0.231	Oversupply
5/11/2021 15:37	0:02	SSA3	0.062	0.495	Oversupply
5/11/2021 15:37	0:02	SSA2	0.048	0.187	Oversupply
5/11/2021 15:38	0:22	BS250	Data is not available	Data is not available	Oversupply
5/11/2021 15:38	0:22	KWP/II	0.605	17.377	Oversupply
5/11/2021 15:39	0:20	SSA3	0.674	0.012	Oversupply
5/11/2021 15:39	0:20	SSA2	0.640	0.004	Oversupply
5/11/2021 15:59	0:02	SSA3	0.030	0.101	Oversupply
5/11/2021 15:59	0:02	SSA2	0.053	0.025	Oversupply
5/11/2021 16:01	0:02	SSA3	0.008	0.042	Oversupply
5/11/2021 16:01	0:02	SSA2	0.005	0.046	Oversupply
5/11/2021 16:46	0:10	17-2	0.021	0.158	Oversupply
5/11/2021 16:47	0:02	SSA3	0.010	1.615	Oversupply
5/11/2021 16:48	0:02	SSA2	0.020	2.041	Oversupply
5/11/2021 16:49	0:02	SSA3	0.010	0.430	Oversupply
5/11/2021 16:50	0:02	SSA2	0.020	1.508	Oversupply
5/11/2021 16:51	0:02	SSA3	0.010	0.987	Oversupply
5/11/2021 16:52	0:02	SSA2	0.019	1.599	Oversupply
5/11/2021 16:53	0:02	SSA3	0.010	1.376	Oversupply
5/11/2021 16:54	0:02	SSA2	0.020	1.269	Oversupply
5/11/2021 21:54	0:13	KWP/II	0.448	20.707	Oversupply
5/11/2021 22:46	2:35	KWP/II	32.196	20.708	Oversupply
5/12/2021 1:00	0:11	AWE	0.416	21.000	Oversupply
5/12/2021 1:12	0:05	AWE	0.052	16.000	Oversupply
5/12/2021 1:23	0:37	KWP/II	9.018	20.695	Oversupply
5/12/2021 1:46	0:04	AWE	0.075	20.500	Oversupply
5/12/2021 2:02	3:34	KWP/II	65.386	20.708	Oversupply
5/12/2021 2:23	1:54	AWE	10.490	18.000	Oversupply
5/12/2021 4:20	0:01	AWE	0.003	14.100	Oversupply
5/12/2021 4:23	0:02	AWE	0.009	15.700	Oversupply
5/12/2021 5:08	0:02	AWE	0.012	14.500	Oversupply
5/12/2021 5:11	0:01	AWE	0.001	14.100	Oversupply
5/12/2021 5:27	0:04	AWE	0.019	17.800	Oversupply
5/12/2021 5:38	11:03	KWP/II	189.456	20.708	Oversupply
5/12/2021 5:44	10:57	BS250	Data is not available	Data is not available	Oversupply
5/12/2021 6:02	10:39	SSA3	17.997	0.001	Oversupply
5/12/2021 6:03	10:38	SSA2	20.488	-0.001	Oversupply
5/12/2021 6:30	10:15	17-2	4.597	1.230	Oversupply
5/12/2021 7:42	0:02	AWE	0.009	20.200	Oversupply
5/12/2021 7:45	0:06	AWE	0.062	21.000	Oversupply
5/12/2021 8:00	0:01	AWE	0.004	21.000	Oversupply
5/12/2021 8:08	0:39	AWE	4.031	21.000	Oversupply
5/12/2021 8:48	0:03	AWE	0.021	17.900	Oversupply
5/12/2021 8:52	0:01	AWE	0.000	16.400	Oversupply
5/12/2021 8:54	0:02	AWE	0.020	16.600	Oversupply
5/12/2021 8:57	5:01	AWE	64.282	21.000	Oversupply
5/12/2021 9:56	0:01	5A	Data is not available	Data is not available	Oversupply
5/12/2021 9:56	0:01	MS	Data is not available	Data is not available	Oversupply
5/12/2021 10:00	0:11	5A	Data is not available	Data is not available	Oversupply
5/12/2021 10:00	0:11	MS	Data is not available	Data is not available	Oversupply
5/12/2021 10:04	0:01	KWP	0.002	23.552	Oversupply
5/12/2021 10:13	0:10	5A	Data is not available	Data is not available	Oversupply
5/12/2021 10:13	0:10	MS	Data is not available	Data is not available	Oversupply
5/12/2021 10:14	0:01	KWP	0.006	23.288	Oversupply
5/12/2021 10:21	0:02	KWP	0.007	21.073	Oversupply
5/12/2021 10:24	0:01	5A	Data is not available	Data is not available	Oversupply
5/12/2021 10:24	0:01	MS	Data is not available	Data is not available	Oversupply
5/12/2021 10:26	0:05	5A	Data is not available	Data is not available	Oversupply
5/12/2021 10:26	0:05	MS	Data is not available	Data is not available	Oversupply



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May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/12/2021 10:27	0:01	KWP	0.003	19.385	Oversupply
5/12/2021 10:32	0:09	5A	Data is not available	Data is not available	Oversupply
5/12/2021 10:32	0:09	MS	Data is not available	Data is not available	Oversupply
5/12/2021 10:42	0:03	5A	Data is not available	Data is not available	Oversupply
5/12/2021 10:42	0:03	MS	Data is not available	Data is not available	Oversupply
5/12/2021 10:51	0:05	5A	Data is not available	Data is not available	Oversupply
5/12/2021 10:51	0:05	MS	Data is not available	Data is not available	Oversupply
5/12/2021 10:54	0:02	KWP	0.005	19.965	Oversupply
5/12/2021 10:57	0:02	5A	Data is not available	Data is not available	Oversupply
5/12/2021 10:57	0:02	MS	Data is not available	Data is not available	Oversupply
5/12/2021 11:03	0:03	5A	Data is not available	Data is not available	Oversupply
5/12/2021 11:03	0:03	MS	Data is not available	Data is not available	Oversupply
5/12/2021 11:53	0:01	5A	Data is not available	Data is not available	Oversupply
5/12/2021 11:53	0:01	MS	Data is not available	Data is not available	Oversupply
5/12/2021 11:56	0:04	5A	Data is not available	Data is not available	Oversupply
5/12/2021 11:56	0:04	MS	Data is not available	Data is not available	Oversupply
5/12/2021 12:01	0:03	5A	Data is not available	Data is not available	Oversupply
5/12/2021 12:01	0:03	MS	Data is not available	Data is not available	Oversupply
5/12/2021 12:01	0:01	KWP	0.002	20.967	Oversupply
5/12/2021 12:05	0:02	5A	Data is not available	Data is not available	Oversupply
5/12/2021 12:05	0:02	MS	Data is not available	Data is not available	Oversupply
5/12/2021 12:08	0:05	5A	Data is not available	Data is not available	Oversupply
5/12/2021 12:08	0:05	MS	Data is not available	Data is not available	Oversupply
5/12/2021 12:11	0:01	KWP	0.004	21.811	Oversupply
5/12/2021 14:00	0:20	AWE	0.829	21.000	Oversupply
5/12/2021 14:21	0:05	AWE	0.133	21.000	Oversupply
5/12/2021 14:37	0:05	AWE	0.018	21.000	Oversupply
5/12/2021 14:44	1:03	AWE	2.786	21.000	Oversupply
5/12/2021 15:48	0:02	AWE	0.009	21.000	Oversupply
5/12/2021 16:41	0:02	SSA2	0.058	0.004	Oversupply
5/12/2021 16:41	0:02	SSA3	0.042	0.240	Oversupply
5/12/2021 16:43	0:02	SSA2	0.050	0.128	Oversupply
5/12/2021 16:43	0:02	SSA3	0.032	0.406	Oversupply
5/12/2021 16:49	0:03	17-2	0.013	0.378	Oversupply
5/12/2021 16:49	0:02	SSA2	0.004	1.185	Oversupply
5/12/2021 21:24	0:01	AWE	0.003	0.200	Oversupply
5/12/2021 22:04	1:05	KWP	14.037	20.708	Oversupply
5/12/2021 22:58	0:02	AWE	0.018	20.400	Oversupply
5/12/2021 23:01	0:01	AWE	0.002	19.700	Oversupply
5/12/2021 23:11	2:09	KWP	29.237	19.211	Oversupply
5/13/2021 0:29	0:01	AWE	0.005	17.000	Oversupply
5/13/2021 0:31	0:39	AWE	1.837	20.800	Oversupply
5/13/2021 1:13	0:02	AWE	0.002	11.500	Oversupply
5/13/2021 1:22	0:49	KWP	10.325	17.714	Oversupply
5/13/2021 2:02	0:01	AWE	0.005	8.200	Oversupply
5/13/2021 2:13	4:45	KWP	53.046	19.211	Oversupply
5/13/2021 3:01	0:01	AWE	0.001	7.300	Oversupply
5/13/2021 3:04	0:04	AWE	0.034	7.700	Oversupply
5/13/2021 4:04	0:16	AWE	0.740	16.100	Oversupply
5/13/2021 4:21	0:01	AWE	0.002	15.100	Oversupply
5/13/2021 4:24	0:01	AWE	0.002	14.200	Oversupply
5/13/2021 4:26	0:23	AWE	0.412	13.900	Oversupply
5/13/2021 4:51	0:01	AWE	0.001	12.300	Oversupply
5/13/2021 5:44	1:14	BS250	Data is not available	Data is not available	Oversupply
5/13/2021 6:02	0:57	SSA3	0.167	0.030	Oversupply
5/13/2021 6:04	0:55	SSA2	0.064	0.031	Oversupply
5/13/2021 6:16	0:44	17-2	0.023	0.073	Oversupply
5/13/2021 7:06	0:02	SSA2	0.007	0.165	Oversupply
5/13/2021 7:07	9:25	17-2	4.338	0.750	Oversupply
5/13/2021 7:07	0:02	SSA3	0.013	0.460	Oversupply
5/13/2021 7:08	8:25	BS250	Data is not available	Data is not available	Oversupply
5/13/2021 7:08	8:25	KWP	150.998	20.708	Oversupply
5/13/2021 7:08	9:16	SSA2	19.953	0.004	Oversupply
5/13/2021 7:09	8:25	SSA3	17.774	-0.001	Oversupply
5/13/2021 8:41	0:01	AWE	0.016	20.500	Oversupply
5/13/2021 8:43	6:40	AWE	61.752	21.000	Oversupply
5/13/2021 11:02	0:01	5A	Data is not available	Data is not available	Oversupply
5/13/2021 11:02	0:01	MS	Data is not available	Data is not available	Oversupply
5/13/2021 11:07	0:02	5A	Data is not available	Data is not available	Oversupply
5/13/2021 11:07	0:02	MS	Data is not available	Data is not available	Oversupply
5/13/2021 11:21	0:13	5A	Data is not available	Data is not available	Oversupply
5/13/2021 11:21	0:13	MS	Data is not available	Data is not available	Oversupply
5/13/2021 11:26	0:01	KWP	0.003	21.020	Oversupply
5/13/2021 11:28	0:01	KWP	0.001	22.233	Oversupply
5/13/2021 11:37	0:01	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/13/2021 11:37	0:01	MS	Data is not available	Data is not available	Oversupply
5/13/2021 12:14	0:01	5A	Data is not available	Data is not available	Oversupply
5/13/2021 12:14	0:01	MS	Data is not available	Data is not available	Oversupply
5/13/2021 12:16	0:04	5A	Data is not available	Data is not available	Oversupply
5/13/2021 12:16	0:04	MS	Data is not available	Data is not available	Oversupply
5/13/2021 12:24	0:01	5A	Data is not available	Data is not available	Oversupply
5/13/2021 12:24	0:01	MS	Data is not available	Data is not available	Oversupply
5/13/2021 12:26	0:01	5A	Data is not available	Data is not available	Oversupply
5/13/2021 12:26	0:01	MS	Data is not available	Data is not available	Oversupply
5/13/2021 12:28	0:01	5A	Data is not available	Data is not available	Oversupply
5/13/2021 12:28	0:01	MS	Data is not available	Data is not available	Oversupply
5/13/2021 15:33	0:02	SSA3	0.061	0.014	Oversupply
5/13/2021 15:34	0:51	BS250	Data is not available	Data is not available	Oversupply
5/13/2021 15:34	0:51	KWP1I	6.836	20.708	Oversupply
5/13/2021 15:35	0:50	SSA3	1.436	-0.002	Oversupply
5/13/2021 16:24	0:02	SSA2	0.057	0.021	Oversupply
5/13/2021 16:26	0:02	SSA3	0.044	0.322	Oversupply
5/13/2021 16:26	0:02	SSA2	0.056	0.102	Oversupply
5/13/2021 16:28	0:02	SSA2	0.042	0.535	Oversupply
5/13/2021 16:30	0:02	SSA2	0.031	1.882	Oversupply
5/13/2021 16:36	1:07	17-2	0.266	0.572	Oversupply
5/13/2021 16:36	0:02	SSA3	0.015	0.755	Oversupply
5/13/2021 16:36	0:02	SSA2	0.031	0.112	Oversupply
5/13/2021 16:38	0:02	SSA3	0.015	0.430	Oversupply
5/13/2021 16:38	0:02	SSA2	0.031	1.096	Oversupply
5/13/2021 16:40	0:02	SSA3	0.015	0.182	Oversupply
5/13/2021 16:40	0:02	SSA2	0.030	1.012	Oversupply
5/13/2021 16:42	0:02	SSA3	0.015	0.334	Oversupply
5/13/2021 16:42	0:02	SSA2	0.031	0.662	Oversupply
5/13/2021 16:44	0:02	SSA3	0.026	0.628	Oversupply
5/13/2021 16:44	0:02	SSA2	0.068	0.199	Oversupply
5/13/2021 16:46	0:02	SSA3	0.041	0.172	Oversupply
5/13/2021 16:46	0:02	SSA2	0.067	0.152	Oversupply
5/13/2021 16:48	0:23	BS250	Data is not available	Data is not available	Oversupply
5/13/2021 16:48	0:24	SSA3	0.445	0.049	Oversupply
5/13/2021 16:48	0:22	SSA2	0.661	0.002	Oversupply
5/13/2021 16:49	0:22	KWP1I	0.915	20.708	Oversupply
5/13/2021 17:11	0:02	SSA2	0.052	0.037	Oversupply
5/13/2021 17:12	0:02	SSA3	0.033	0.131	Oversupply
5/13/2021 17:13	0:02	SSA2	0.053	0.701	Oversupply
5/13/2021 17:14	0:14	SSA3	0.185	0.019	Oversupply
5/13/2021 17:15	0:02	SSA2	0.047	0.025	Oversupply
5/13/2021 17:16	0:01	BS250	Data is not available	Data is not available	Oversupply
5/13/2021 17:17	0:02	SSA2	0.047	0.045	Oversupply
5/13/2021 17:18	0:09	BS250	Data is not available	Data is not available	Oversupply
5/13/2021 17:18	0:01	KWP1I	0.003	20.706	Oversupply
5/13/2021 17:19	0:08	SSA2	0.187	0.015	Oversupply
5/13/2021 17:21	0:06	KWP1I	0.024	20.708	Oversupply
5/13/2021 17:27	0:02	SSA2	0.047	0.035	Oversupply
5/13/2021 17:28	0:02	SSA3	0.023	0.378	Oversupply
5/13/2021 17:29	0:02	SSA2	0.035	0.121	Oversupply
5/13/2021 17:30	0:02	SSA3	0.011	0.248	Oversupply
5/13/2021 17:31	0:02	SSA2	0.018	0.356	Oversupply
5/13/2021 17:32	0:02	SSA3	0.011	0.390	Oversupply
5/13/2021 17:33	0:02	SSA2	0.018	0.429	Oversupply
5/13/2021 17:34	0:02	SSA3	0.011	0.007	Oversupply
5/13/2021 17:35	0:02	SSA2	0.018	0.240	Oversupply
5/13/2021 17:36	0:02	SSA3	0.011	0.347	Oversupply
5/13/2021 17:37	0:02	SSA2	0.018	0.347	Oversupply
5/13/2021 17:38	0:02	SSA3	0.011	0.538	Oversupply
5/13/2021 17:39	0:02	SSA2	0.018	0.651	Oversupply
5/13/2021 17:40	0:02	SSA3	0.011	0.103	Oversupply
5/13/2021 21:54	0:11	KWP1I	0.428	20.708	Oversupply
5/13/2021 22:10	3:22	KWP1I	49.710	20.708	Oversupply
5/14/2021 0:26	0:12	AWE	0.144	19.100	Oversupply
5/14/2021 0:50	0:01	AWE	0.006	12.400	Oversupply
5/14/2021 0:52	0:09	AWE	0.154	14.000	Oversupply
5/14/2021 1:02	0:02	AWE	0.013	12.500	Oversupply
5/14/2021 1:05	0:08	AWE	0.198	15.800	Oversupply
5/14/2021 1:15	0:09	AWE	0.129	13.900	Oversupply
5/14/2021 1:26	0:01	AWE	0.006	10.700	Oversupply
5/14/2021 1:34	3:58	KWP1I	45.675	20.708	Oversupply
5/14/2021 2:15	0:02	AWE	0.006	8.900	Oversupply
5/14/2021 8:07	8:21	17-2	4.684	0.750	Oversupply
5/14/2021 8:07	0:02	SSA2	0.016	0.913	Oversupply



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/14/2021 8:08	0:02	SSA3	0.014	0.769	Oversupply
5/14/2021 8:09	0:02	SSA2	0.015	0.455	Oversupply
5/14/2021 8:10	0:02	SSA3	0.014	0.683	Oversupply
5/14/2021 8:11	0:02	SSA2	0.016	0.532	Oversupply
5/14/2021 8:12	0:02	SSA3	0.014	0.058	Oversupply
5/14/2021 8:13	0:02	SSA2	0.019	0.250	Oversupply
5/14/2021 8:14	0:02	SSA3	0.032	0.078	Oversupply
5/14/2021 8:15	0:04	BS250	Data is not available	Data is not available	Oversupply
5/14/2021 8:15	0:04	KWP	0.020	20.708	Oversupply
5/14/2021 8:15	0:04	SSA2	0.082	0.014	Oversupply
5/14/2021 8:16	0:04	SSA3	0.094	0.007	Oversupply
5/14/2021 8:19	0:02	SSA2	0.041	0.060	Oversupply
5/14/2021 8:20	7:51	BS250	Data is not available	Data is not available	Oversupply
5/14/2021 8:20	7:28	KWP	82.008	20.708	System Constraint
5/14/2021 8:20	0:58	SSA3	1.676	0.010	Oversupply
5/14/2021 8:21	0:56	SSA2	1.419	0.017	Oversupply
5/14/2021 9:17	0:02	SSA2	0.066	0.012	Oversupply
5/14/2021 9:18	6:53	SSA3	16.672	0.025	Oversupply
5/14/2021 9:19	6:53	SSA2	17.618	0.034	Oversupply
5/14/2021 9:31	0:01	AWE	0.005	6.100	Oversupply
5/14/2021 9:34	0:01	AWE	0.000	4.900	Oversupply
5/14/2021 9:37	0:05	AWE	0.114	9.100	Oversupply
5/14/2021 9:43	0:04	AWE	0.053	4.700	Oversupply
5/14/2021 9:49	5:37	AWE	82.650	21.000	Oversupply
5/14/2021 10:16	0:03	5A	Data is not available	Data is not available	Oversupply
5/14/2021 10:16	0:03	MS	Data is not available	Data is not available	Oversupply
5/14/2021 10:17	0:01	KWP	0.003	28.404	Oversupply
5/14/2021 10:20	0:02	5A	Data is not available	Data is not available	Oversupply
5/14/2021 10:20	0:02	MS	Data is not available	Data is not available	Oversupply
5/14/2021 10:23	0:11	5A	Data is not available	Data is not available	Oversupply
5/14/2021 10:23	0:11	MS	Data is not available	Data is not available	Oversupply
5/14/2021 10:24	0:02	KWP	0.005	27.455	Oversupply
5/14/2021 10:37	0:01	5A	Data is not available	Data is not available	Oversupply
5/14/2021 10:37	0:01	MS	Data is not available	Data is not available	Oversupply
5/14/2021 10:37	0:01	KWP	0.001	28.352	Oversupply
5/14/2021 10:40	0:03	5A	Data is not available	Data is not available	Oversupply
5/14/2021 10:40	0:03	MS	Data is not available	Data is not available	Oversupply
5/14/2021 10:41	0:01	KWP	0.001	28.193	Oversupply
5/14/2021 10:44	0:01	5A	Data is not available	Data is not available	Oversupply
5/14/2021 10:44	0:01	MS	Data is not available	Data is not available	Oversupply
5/14/2021 10:46	0:03	5A	Data is not available	Data is not available	Oversupply
5/14/2021 10:46	0:03	MS	Data is not available	Data is not available	Oversupply
5/14/2021 10:48	0:01	KWP	0.001	25.978	Oversupply
5/14/2021 10:50	0:06	5A	Data is not available	Data is not available	Oversupply
5/14/2021 10:50	0:06	MS	Data is not available	Data is not available	Oversupply
5/14/2021 10:51	0:01	KWP	0.004	26.875	Oversupply
5/14/2021 10:54	0:02	KWP	0.004	24.501	Oversupply
5/14/2021 10:58	0:04	5A	Data is not available	Data is not available	Oversupply
5/14/2021 10:58	0:04	MS	Data is not available	Data is not available	Oversupply
5/14/2021 10:58	0:01	KWP	0.002	25.556	Oversupply
5/14/2021 11:01	0:01	KWP	0.001	21.125	Oversupply
5/14/2021 11:03	0:03	5A	Data is not available	Data is not available	Oversupply
5/14/2021 11:03	0:03	MS	Data is not available	Data is not available	Oversupply
5/14/2021 11:07	0:14	5A	Data is not available	Data is not available	Oversupply
5/14/2021 11:07	0:14	MS	Data is not available	Data is not available	Oversupply
5/14/2021 11:07	0:02	KWP	0.004	23.499	Oversupply
5/14/2021 11:10	0:01	KWP	0.001	21.125	Oversupply
5/14/2021 11:22	0:03	5A	Data is not available	Data is not available	Oversupply
5/14/2021 11:22	0:03	MS	Data is not available	Data is not available	Oversupply
5/14/2021 11:26	0:02	5A	Data is not available	Data is not available	Oversupply
5/14/2021 11:26	0:02	MS	Data is not available	Data is not available	Oversupply
5/14/2021 11:26	0:01	KWP	0.001	23.288	Oversupply
5/14/2021 11:30	0:03	5A	Data is not available	Data is not available	Oversupply
5/14/2021 11:30	0:03	MS	Data is not available	Data is not available	Oversupply
5/14/2021 11:30	0:01	KWP	0.002	25.662	Oversupply
5/14/2021 11:34	0:03	5A	Data is not available	Data is not available	Oversupply
5/14/2021 11:34	0:03	MS	Data is not available	Data is not available	Oversupply
5/14/2021 11:40	0:07	5A	Data is not available	Data is not available	Oversupply
5/14/2021 11:40	0:07	MS	Data is not available	Data is not available	Oversupply
5/14/2021 11:43	0:02	KWP	0.004	25.820	Oversupply
5/14/2021 11:46	0:01	KWP	0.001	21.336	Oversupply
5/14/2021 11:48	0:15	5A	Data is not available	Data is not available	Oversupply
5/14/2021 11:48	0:15	MS	Data is not available	Data is not available	Oversupply
5/14/2021 11:50	0:01	KWP	0.001	19.174	Oversupply
5/14/2021 12:04	0:06	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/14/2021 12:04	0:06	MS	Data is not available	Data is not available	Oversupply
5/14/2021 12:11	0:06	5A	Data is not available	Data is not available	Oversupply
5/14/2021 12:11	0:06	MS	Data is not available	Data is not available	Oversupply
5/14/2021 12:11	0:01	KWP	0.001	17.697	Oversupply
5/14/2021 12:21	0:08	5A	Data is not available	Data is not available	Oversupply
5/14/2021 12:21	0:08	MS	Data is not available	Data is not available	Oversupply
5/14/2021 12:23	0:01	KWP	0.003	18.910	Oversupply
5/14/2021 12:31	0:04	5A	Data is not available	Data is not available	Oversupply
5/14/2021 12:31	0:04	MS	Data is not available	Data is not available	Oversupply
5/14/2021 12:34	0:01	KWP	0.003	20.334	Oversupply
5/14/2021 12:36	0:01	5A	Data is not available	Data is not available	Oversupply
5/14/2021 12:36	0:01	MS	Data is not available	Data is not available	Oversupply
5/14/2021 12:38	0:03	5A	Data is not available	Data is not available	Oversupply
5/14/2021 12:38	0:03	MS	Data is not available	Data is not available	Oversupply
5/14/2021 12:39	0:01	KWP	0.001	21.758	Oversupply
5/14/2021 12:42	0:02	5A	Data is not available	Data is not available	Oversupply
5/14/2021 12:42	0:02	MS	Data is not available	Data is not available	Oversupply
5/14/2021 12:49	0:06	5A	Data is not available	Data is not available	Oversupply
5/14/2021 12:49	0:06	MS	Data is not available	Data is not available	Oversupply
5/14/2021 12:51	0:01	KWP	0.001	23.446	Oversupply
5/14/2021 12:56	0:06	5A	Data is not available	Data is not available	Oversupply
5/14/2021 12:56	0:06	MS	Data is not available	Data is not available	Oversupply
5/14/2021 13:03	0:02	5A	Data is not available	Data is not available	Oversupply
5/14/2021 13:03	0:02	MS	Data is not available	Data is not available	Oversupply
5/14/2021 13:06	0:05	5A	Data is not available	Data is not available	Oversupply
5/14/2021 13:06	0:05	MS	Data is not available	Data is not available	Oversupply
5/14/2021 13:12	0:07	5A	Data is not available	Data is not available	Oversupply
5/14/2021 13:12	0:07	MS	Data is not available	Data is not available	Oversupply
5/14/2021 13:15	0:01	KWP	0.001	21.442	Oversupply
5/14/2021 13:17	0:01	KWP	0.002	21.653	Oversupply
5/14/2021 13:21	0:09	5A	Data is not available	Data is not available	Oversupply
5/14/2021 13:21	0:09	MS	Data is not available	Data is not available	Oversupply
5/14/2021 13:26	0:01	KWP	0.001	23.763	Oversupply
5/14/2021 13:29	0:01	KWP	0.001	21.125	Oversupply
5/14/2021 13:31	0:01	5A	Data is not available	Data is not available	Oversupply
5/14/2021 13:31	0:01	MS	Data is not available	Data is not available	Oversupply
5/14/2021 13:33	0:03	5A	Data is not available	Data is not available	Oversupply
5/14/2021 13:33	0:03	MS	Data is not available	Data is not available	Oversupply
5/14/2021 13:35	0:01	KWP	0.001	22.919	Oversupply
5/14/2021 13:37	0:03	5A	Data is not available	Data is not available	Oversupply
5/14/2021 13:37	0:03	MS	Data is not available	Data is not available	Oversupply
5/14/2021 13:41	0:03	5A	Data is not available	Data is not available	Oversupply
5/14/2021 13:41	0:03	MS	Data is not available	Data is not available	Oversupply
5/14/2021 13:41	0:01	KWP	0.001	23.235	Oversupply
5/14/2021 14:00	0:06	5A	Data is not available	Data is not available	Oversupply
5/14/2021 14:00	0:06	MS	Data is not available	Data is not available	Oversupply
5/14/2021 14:00	0:01	KWP	0.004	26.769	Oversupply
5/14/2021 14:04	0:02	KWP	0.004	24.712	Oversupply
5/14/2021 15:28	0:14	AWE	0.392	21.000	Oversupply
5/14/2021 15:50	6:48	KWP/II	72.098	20.708	System Constraint
5/14/2021 16:12	0:06	BS250	Data is not available	Data is not available	Oversupply
5/14/2021 16:12	0:10	SSA3	0.210	0.088	Oversupply
5/14/2021 16:12	0:06	SSA2	0.145	0.013	Oversupply
5/14/2021 16:18	0:02	SSA2	0.051	0.188	Oversupply
5/14/2021 16:19	0:03	BS250	Data is not available	Data is not available	Oversupply
5/14/2021 16:20	0:02	SSA2	0.051	-0.002	Oversupply
5/14/2021 16:22	0:02	SSA3	0.037	0.120	Oversupply
5/14/2021 16:22	0:02	SSA2	0.051	0.047	Oversupply
5/14/2021 16:24	0:02	SSA3	0.037	0.691	Oversupply
5/14/2021 16:24	0:02	SSA2	0.051	0.125	Oversupply
5/14/2021 16:26	0:02	SSA3	0.037	0.856	Oversupply
5/14/2021 16:29	0:08	17-2	0.053	0.551	Oversupply
5/14/2021 16:30	0:02	SSA3	0.008	1.140	Oversupply
5/14/2021 16:30	0:02	SSA2	0.001	1.297	Oversupply
5/14/2021 16:32	0:02	SSA3	0.008	1.185	Oversupply
5/14/2021 16:32	0:02	SSA2	0.001	1.612	Oversupply
5/14/2021 22:10	0:03	AWE	0.038	19.200	Oversupply
5/14/2021 22:22	0:01	AWE	0.012	20.600	Oversupply
5/14/2021 22:24	0:08	AWE	0.146	21.000	Oversupply
5/14/2021 22:40	0:11	KWP/II	1.614	19.211	System Constraint
5/14/2021 22:41	0:02	AWE	0.016	20.900	Oversupply
5/14/2021 22:44	0:02	AWE	0.014	20.100	Oversupply
5/14/2021 22:53	2:39	KWP/II	24.406	19.211	System Constraint
5/14/2021 23:15	0:02	AWE	0.024	20.800	Oversupply
5/14/2021 23:18	0:39	AWE	1.424	21.000	Oversupply



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/14/2021 23:59	1:22	AWE	7.727	21.000	Oversupply
5/15/2021 1:22	0:01	AWE	0.005	9.500	Oversupply
5/15/2021 1:34	2:43	KWP	25.892	20.708	System Constraint
5/15/2021 3:56	0:01	AWE	0.001	7.100	Oversupply
5/15/2021 3:59	0:02	AWE	0.029	7.500	Oversupply
5/15/2021 4:11	0:02	AWE	0.002	6.100	Oversupply
5/15/2021 4:19	4:15	KWP	45.372	20.708	System Constraint
5/15/2021 7:12	0:01	AWE	0.002	0.100	Oversupply
5/15/2021 7:44	0:02	SSA3	0.017	0.979	Oversupply
5/15/2021 7:45	0:21	17-2	0.076	0.529	Oversupply
5/15/2021 7:46	0:19	BS250	Data is not available	Data is not available	Oversupply
5/15/2021 7:46	0:20	SSA2	0.150	0.014	Oversupply
5/15/2021 7:46	0:20	SSA3	0.281	0.013	Oversupply
5/15/2021 8:18	9:02	17-2	4.120	0.750	Oversupply
5/15/2021 8:18	0:02	SSA2	0.020	0.453	Oversupply
5/15/2021 8:18	0:02	SSA3	0.038	1.439	Oversupply
5/15/2021 8:19	8:58	BS250	Data is not available	Data is not available	Oversupply
5/15/2021 8:20	8:59	SSA2	20.804	0.000	Oversupply
5/15/2021 8:20	8:59	SSA3	18.644	0.004	Oversupply
5/15/2021 8:26	0:04	AWE	0.081	15.700	Oversupply
5/15/2021 8:35	0:01	AWE	0.001	14.500	Oversupply
5/15/2021 8:36	7:48	KWP	82.372	20.708	System Constraint
5/15/2021 8:39	7:37	AWE	117.503	21.000	Oversupply
5/15/2021 9:29	0:10	5A	Data is not available	Data is not available	Oversupply
5/15/2021 9:29	0:10	MS	Data is not available	Data is not available	Oversupply
5/15/2021 9:34	0:02	KWP	0.004	24.396	Oversupply
5/15/2021 9:40	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 9:40	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 9:42	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 9:42	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 9:46	0:08	5A	Data is not available	Data is not available	Oversupply
5/15/2021 9:46	0:08	MS	Data is not available	Data is not available	Oversupply
5/15/2021 9:48	0:01	KWP	0.002	25.240	Oversupply
5/15/2021 9:50	0:01	KWP	0.009	24.185	Oversupply
5/15/2021 9:55	0:05	5A	Data is not available	Data is not available	Oversupply
5/15/2021 9:55	0:05	MS	Data is not available	Data is not available	Oversupply
5/15/2021 9:56	0:02	KWP	0.004	21.705	Oversupply
5/15/2021 10:03	0:18	5A	Data is not available	Data is not available	Oversupply
5/15/2021 10:03	0:18	MS	Data is not available	Data is not available	Oversupply
5/15/2021 10:04	0:02	KWP	0.005	19.807	Oversupply
5/15/2021 10:07	0:01	KWP	0.002	17.538	Oversupply
5/15/2021 10:22	0:03	5A	Data is not available	Data is not available	Oversupply
5/15/2021 10:22	0:03	MS	Data is not available	Data is not available	Oversupply
5/15/2021 10:22	0:01	KWP	0.001	14.374	Oversupply
5/15/2021 10:26	0:02	5A	Data is not available	Data is not available	Oversupply
5/15/2021 10:26	0:02	MS	Data is not available	Data is not available	Oversupply
5/15/2021 10:29	0:03	5A	Data is not available	Data is not available	Oversupply
5/15/2021 10:29	0:03	MS	Data is not available	Data is not available	Oversupply
5/15/2021 10:29	0:01	KWP	0.001	15.059	Oversupply
5/15/2021 10:35	0:07	5A	Data is not available	Data is not available	Oversupply
5/15/2021 10:35	0:07	MS	Data is not available	Data is not available	Oversupply
5/15/2021 10:36	0:01	KWP	0.002	18.541	Oversupply
5/15/2021 10:38	0:01	KWP	0.001	16.695	Oversupply
5/15/2021 10:41	0:01	KWP	0.003	14.110	Oversupply
5/15/2021 10:43	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 10:43	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 10:43	0:01	KWP	0.002	13.319	Oversupply
5/15/2021 10:46	0:10	5A	Data is not available	Data is not available	Oversupply
5/15/2021 10:46	0:10	MS	Data is not available	Data is not available	Oversupply
5/15/2021 10:52	0:01	KWP	0.001	11.103	Oversupply
5/15/2021 10:58	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 10:58	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 11:01	0:06	5A	Data is not available	Data is not available	Oversupply
5/15/2021 11:01	0:06	MS	Data is not available	Data is not available	Oversupply
5/15/2021 11:09	0:02	5A	Data is not available	Data is not available	Oversupply
5/15/2021 11:09	0:02	MS	Data is not available	Data is not available	Oversupply
5/15/2021 11:12	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 11:12	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 11:14	0:07	5A	Data is not available	Data is not available	Oversupply
5/15/2021 11:14	0:07	MS	Data is not available	Data is not available	Oversupply
5/15/2021 11:16	0:01	KWP	0.001	12.633	Oversupply
5/15/2021 11:19	0:01	KWP	0.001	7.938	Oversupply
5/15/2021 11:22	0:02	5A	Data is not available	Data is not available	Oversupply
5/15/2021 11:22	0:02	MS	Data is not available	Data is not available	Oversupply
5/15/2021 11:22	0:01	KWP	0.001	5.196	Oversupply



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/15/2021 11:25	0:07	5A	Data is not available	Data is not available	Oversupply
5/15/2021 11:25	0:07	MS	Data is not available	Data is not available	Oversupply
5/15/2021 11:33	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 11:33	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 11:35	0:08	5A	Data is not available	Data is not available	Oversupply
5/15/2021 11:35	0:08	MS	Data is not available	Data is not available	Oversupply
5/15/2021 11:38	0:02	KWP	0.005	4.404	Oversupply
5/15/2021 11:45	0:03	5A	Data is not available	Data is not available	Oversupply
5/15/2021 11:45	0:03	MS	Data is not available	Data is not available	Oversupply
5/15/2021 11:46	0:02	KWP	0.003	4.088	Oversupply
5/15/2021 11:49	0:03	5A	Data is not available	Data is not available	Oversupply
5/15/2021 11:49	0:03	MS	Data is not available	Data is not available	Oversupply
5/15/2021 11:53	0:02	5A	Data is not available	Data is not available	Oversupply
5/15/2021 11:53	0:02	MS	Data is not available	Data is not available	Oversupply
5/15/2021 11:53	0:01	KWP	0.001	2.716	Oversupply
5/15/2021 11:56	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 11:56	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 11:59	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 11:59	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 12:02	0:03	5A	Data is not available	Data is not available	Oversupply
5/15/2021 12:02	0:03	MS	Data is not available	Data is not available	Oversupply
5/15/2021 12:02	0:02	KWP	0.001	4.193	Oversupply
5/15/2021 12:06	0:02	5A	Data is not available	Data is not available	Oversupply
5/15/2021 12:06	0:02	MS	Data is not available	Data is not available	Oversupply
5/15/2021 12:09	0:09	5A	Data is not available	Data is not available	Oversupply
5/15/2021 12:09	0:09	MS	Data is not available	Data is not available	Oversupply
5/15/2021 12:11	0:01	KWP	0.001	5.881	Oversupply
5/15/2021 12:16	0:02	KWP	0.004	2.505	Oversupply
5/15/2021 12:20	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 12:20	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 12:22	0:06	5A	Data is not available	Data is not available	Oversupply
5/15/2021 12:22	0:06	MS	Data is not available	Data is not available	Oversupply
5/15/2021 12:22	0:02	KWP	0.004	3.191	Oversupply
5/15/2021 12:29	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 12:29	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 12:31	0:02	5A	Data is not available	Data is not available	Oversupply
5/15/2021 12:31	0:02	MS	Data is not available	Data is not available	Oversupply
5/15/2021 12:35	0:02	5A	Data is not available	Data is not available	Oversupply
5/15/2021 12:35	0:02	MS	Data is not available	Data is not available	Oversupply
5/15/2021 12:38	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 12:38	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 12:40	0:03	5A	Data is not available	Data is not available	Oversupply
5/15/2021 12:40	0:03	MS	Data is not available	Data is not available	Oversupply
5/15/2021 12:40	0:01	KWP	0.003	4.246	Oversupply
5/15/2021 12:45	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 12:45	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 12:47	0:07	5A	Data is not available	Data is not available	Oversupply
5/15/2021 12:47	0:07	MS	Data is not available	Data is not available	Oversupply
5/15/2021 12:48	0:01	KWP	0.001	4.246	Oversupply
5/15/2021 12:55	0:04	5A	Data is not available	Data is not available	Oversupply
5/15/2021 12:55	0:04	MS	Data is not available	Data is not available	Oversupply
5/15/2021 12:57	0:01	KWP	0.002	4.615	Oversupply
5/15/2021 13:00	0:05	5A	Data is not available	Data is not available	Oversupply
5/15/2021 13:00	0:05	MS	Data is not available	Data is not available	Oversupply
5/15/2021 13:02	0:02	KWP	0.002	5.354	Oversupply
5/15/2021 13:11	0:06	5A	Data is not available	Data is not available	Oversupply
5/15/2021 13:11	0:06	MS	Data is not available	Data is not available	Oversupply
5/15/2021 13:12	0:01	KWP	0.002	11.684	Oversupply
5/15/2021 13:15	0:01	KWP	0.002	7.095	Oversupply
5/15/2021 13:18	0:02	5A	Data is not available	Data is not available	Oversupply
5/15/2021 13:18	0:02	MS	Data is not available	Data is not available	Oversupply
5/15/2021 13:19	0:01	KWP	0.002	5.829	Oversupply
5/15/2021 13:21	0:02	5A	Data is not available	Data is not available	Oversupply
5/15/2021 13:21	0:02	MS	Data is not available	Data is not available	Oversupply
5/15/2021 13:21	0:01	KWP	0.001	5.143	Oversupply
5/15/2021 13:24	0:06	5A	Data is not available	Data is not available	Oversupply
5/15/2021 13:24	0:06	MS	Data is not available	Data is not available	Oversupply
5/15/2021 13:27	0:01	KWP	0.001	4.088	Oversupply
5/15/2021 13:34	0:03	5A	Data is not available	Data is not available	Oversupply
5/15/2021 13:34	0:03	MS	Data is not available	Data is not available	Oversupply
5/15/2021 13:36	0:01	KWP	0.002	8.308	Oversupply
5/15/2021 13:38	0:08	5A	Data is not available	Data is not available	Oversupply
5/15/2021 13:38	0:08	MS	Data is not available	Data is not available	Oversupply
5/15/2021 13:40	0:01	KWP	0.002	8.149	Oversupply
5/15/2021 13:43	0:01	KWP	0.001	9.099	Oversupply



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/15/2021 13:47	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 13:47	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 13:50	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 13:50	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 13:52	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 13:52	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 13:58	0:09	5A	Data is not available	Data is not available	Oversupply
5/15/2021 13:58	0:09	MS	Data is not available	Data is not available	Oversupply
5/15/2021 13:58	0:01	KWP	0.001	17.538	Oversupply
5/15/2021 14:00	0:01	KWP	0.002	16.220	Oversupply
5/15/2021 14:03	0:01	KWP	0.001	15.745	Oversupply
5/15/2021 14:05	0:01	KWP	0.002	14.268	Oversupply
5/15/2021 14:09	0:02	5A	Data is not available	Data is not available	Oversupply
5/15/2021 14:09	0:02	MS	Data is not available	Data is not available	Oversupply
5/15/2021 14:10	0:01	KWP	0.005	13.741	Oversupply
5/15/2021 14:12	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 14:12	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 14:12	0:01	KWP	0.003	12.527	Oversupply
5/15/2021 14:15	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 14:15	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 14:15	0:01	KWP	0.001	14.374	Oversupply
5/15/2021 14:17	0:03	5A	Data is not available	Data is not available	Oversupply
5/15/2021 14:17	0:03	MS	Data is not available	Data is not available	Oversupply
5/15/2021 14:19	0:01	KWP	0.002	16.114	Oversupply
5/15/2021 14:21	0:05	5A	Data is not available	Data is not available	Oversupply
5/15/2021 14:21	0:05	MS	Data is not available	Data is not available	Oversupply
5/15/2021 14:23	0:01	KWP	0.001	16.642	Oversupply
5/15/2021 14:27	0:02	5A	Data is not available	Data is not available	Oversupply
5/15/2021 14:27	0:02	MS	Data is not available	Data is not available	Oversupply
5/15/2021 14:27	0:01	KWP	0.002	15.692	Oversupply
5/15/2021 14:30	0:02	5A	Data is not available	Data is not available	Oversupply
5/15/2021 14:30	0:02	MS	Data is not available	Data is not available	Oversupply
5/15/2021 14:38	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 14:38	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 14:38	0:01	KWP	0.004	19.437	Oversupply
5/15/2021 14:46	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 14:46	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 14:52	0:03	5A	Data is not available	Data is not available	Oversupply
5/15/2021 14:52	0:03	MS	Data is not available	Data is not available	Oversupply
5/15/2021 15:07	0:01	5A	Data is not available	Data is not available	Oversupply
5/15/2021 15:07	0:01	MS	Data is not available	Data is not available	Oversupply
5/15/2021 15:09	0:03	5A	Data is not available	Data is not available	Oversupply
5/15/2021 15:09	0:03	MS	Data is not available	Data is not available	Oversupply
5/15/2021 16:26	0:52	KWP	4.139	20.708	Oversupply
5/15/2021 17:18	0:02	SSA3	0.013	0.137	Oversupply
5/15/2021 17:25	0:05	17-2	0.011	0.184	Oversupply
5/15/2021 17:27	0:02	SSA3	0.013	0.428	Oversupply
5/15/2021 17:55	0:01	KWP	0.002	20.705	Oversupply
5/15/2021 18:04	0:01	KWP	0.002	20.674	Oversupply
5/15/2021 22:18	0:34	KWP	3.854	20.708	Oversupply
5/15/2021 23:01	16:58	KWP	170.558	20.708	Oversupply
5/16/2021 5:44	10:15	BS250	Data is not available	Data is not available	Oversupply
5/16/2021 5:59	9:59	SSA3	16.827	0.025	Oversupply
5/16/2021 6:03	9:56	SSA2	16.733	0.001	Oversupply
5/16/2021 6:22	9:38	17-2	4.849	0.750	Oversupply
5/16/2021 8:24	0:01	AWE	0.013	3.100	Oversupply
5/16/2021 8:26	7:14	AWE	96.096	21.000	Oversupply
5/16/2021 8:29	0:14	5A	Data is not available	Data is not available	Oversupply
5/16/2021 8:29	0:14	MS	Data is not available	Data is not available	Oversupply
5/16/2021 8:29	0:01	KWP	0.001	26.347	Oversupply
5/16/2021 8:31	0:02	KWP	0.004	26.558	Oversupply
5/16/2021 8:40	0:01	KWP	0.001	23.604	Oversupply
5/16/2021 8:46	0:03	5A	Data is not available	Data is not available	Oversupply
5/16/2021 8:46	0:03	MS	Data is not available	Data is not available	Oversupply
5/16/2021 8:50	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 8:50	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 8:53	0:04	5A	Data is not available	Data is not available	Oversupply
5/16/2021 8:53	0:04	MS	Data is not available	Data is not available	Oversupply
5/16/2021 8:58	0:04	5A	Data is not available	Data is not available	Oversupply
5/16/2021 8:58	0:04	MS	Data is not available	Data is not available	Oversupply
5/16/2021 9:03	0:02	5A	Data is not available	Data is not available	Oversupply
5/16/2021 9:03	0:02	MS	Data is not available	Data is not available	Oversupply
5/16/2021 9:03	0:01	KWP	0.004	22.971	Oversupply
5/16/2021 9:06	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 9:06	0:01	MS	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
5/16/2021 9:09	0:04	5A	Data is not available	Data is not available	Oversupply
5/16/2021 9:09	0:04	MS	Data is not available	Data is not available	Oversupply
5/16/2021 9:14	0:02	5A	Data is not available	Data is not available	Oversupply
5/16/2021 9:14	0:02	MS	Data is not available	Data is not available	Oversupply
5/16/2021 9:15	0:01	KWP	0.001	24.343	Oversupply
5/16/2021 9:27	0:05	5A	Data is not available	Data is not available	Oversupply
5/16/2021 9:27	0:05	MS	Data is not available	Data is not available	Oversupply
5/16/2021 9:29	0:01	KWP	0.001	23.182	Oversupply
5/16/2021 9:48	0:05	5A	Data is not available	Data is not available	Oversupply
5/16/2021 9:48	0:05	MS	Data is not available	Data is not available	Oversupply
5/16/2021 9:50	0:01	KWP	0.003	23.235	Oversupply
5/16/2021 9:54	0:25	5A	Data is not available	Data is not available	Oversupply
5/16/2021 9:54	0:25	MS	Data is not available	Data is not available	Oversupply
5/16/2021 9:54	0:03	KWP	0.011	23.446	Oversupply
5/16/2021 10:03	0:01	KWP	0.000	13.319	Oversupply
5/16/2021 10:13	0:01	KWP	0.001	9.996	Oversupply
5/16/2021 10:17	0:02	KWP	0.003	7.095	Oversupply
5/16/2021 10:21	0:05	5A	Data is not available	Data is not available	Oversupply
5/16/2021 10:21	0:05	MS	Data is not available	Data is not available	Oversupply
5/16/2021 10:27	0:03	5A	Data is not available	Data is not available	Oversupply
5/16/2021 10:27	0:03	MS	Data is not available	Data is not available	Oversupply
5/16/2021 10:31	0:02	5A	Data is not available	Data is not available	Oversupply
5/16/2021 10:31	0:02	MS	Data is not available	Data is not available	Oversupply
5/16/2021 10:34	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 10:34	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 10:36	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 10:36	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 10:36	0:01	KWP	0.002	3.824	Oversupply
5/16/2021 10:38	0:03	5A	Data is not available	Data is not available	Oversupply
5/16/2021 10:38	0:03	MS	Data is not available	Data is not available	Oversupply
5/16/2021 10:42	0:02	5A	Data is not available	Data is not available	Oversupply
5/16/2021 10:42	0:02	MS	Data is not available	Data is not available	Oversupply
5/16/2021 10:45	0:06	5A	Data is not available	Data is not available	Oversupply
5/16/2021 10:45	0:06	MS	Data is not available	Data is not available	Oversupply
5/16/2021 10:48	0:02	KWP	0.003	10.154	Oversupply
5/16/2021 10:53	0:04	5A	Data is not available	Data is not available	Oversupply
5/16/2021 10:53	0:04	MS	Data is not available	Data is not available	Oversupply
5/16/2021 10:53	0:02	KWP	0.003	9.626	Oversupply
5/16/2021 10:58	0:02	5A	Data is not available	Data is not available	Oversupply
5/16/2021 10:58	0:02	MS	Data is not available	Data is not available	Oversupply
5/16/2021 11:03	0:13	5A	Data is not available	Data is not available	Oversupply
5/16/2021 11:03	0:13	MS	Data is not available	Data is not available	Oversupply
5/16/2021 11:06	0:02	KWP	0.003	8.255	Oversupply
5/16/2021 11:10	0:01	KWP	0.002	5.618	Oversupply
5/16/2021 11:14	0:01	KWP	0.002	2.927	Oversupply
5/16/2021 11:17	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 11:17	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 11:19	0:04	5A	Data is not available	Data is not available	Oversupply
5/16/2021 11:19	0:04	MS	Data is not available	Data is not available	Oversupply
5/16/2021 11:22	0:01	KWP	0.001	3.191	Oversupply
5/16/2021 11:25	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 11:25	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 11:28	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 11:28	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 11:32	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 11:32	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 11:36	0:08	5A	Data is not available	Data is not available	Oversupply
5/16/2021 11:36	0:08	MS	Data is not available	Data is not available	Oversupply
5/16/2021 11:39	0:01	KWP	0.001	6.936	Oversupply
5/16/2021 11:45	0:05	5A	Data is not available	Data is not available	Oversupply
5/16/2021 11:45	0:05	MS	Data is not available	Data is not available	Oversupply
5/16/2021 11:52	0:02	5A	Data is not available	Data is not available	Oversupply
5/16/2021 11:52	0:02	MS	Data is not available	Data is not available	Oversupply
5/16/2021 11:56	0:02	5A	Data is not available	Data is not available	Oversupply
5/16/2021 11:56	0:02	MS	Data is not available	Data is not available	Oversupply
5/16/2021 12:00	0:02	5A	Data is not available	Data is not available	Oversupply
5/16/2021 12:00	0:02	MS	Data is not available	Data is not available	Oversupply
5/16/2021 12:01	0:01	KWP	0.001	4.932	Oversupply
5/16/2021 12:03	0:05	5A	Data is not available	Data is not available	Oversupply
5/16/2021 12:03	0:05	MS	Data is not available	Data is not available	Oversupply
5/16/2021 12:04	0:01	KWP	0.001	5.354	Oversupply
5/16/2021 12:06	0:01	KWP	0.002	4.035	Oversupply
5/16/2021 12:12	0:04	5A	Data is not available	Data is not available	Oversupply
5/16/2021 12:12	0:04	MS	Data is not available	Data is not available	Oversupply
5/16/2021 12:12	0:01	KWP	0.001	9.204	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/16/2021 12:18	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 12:18	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 12:18	0:01	KWP	0.003	6.409	Oversupply
5/16/2021 12:21	0:02	5A	Data is not available	Data is not available	Oversupply
5/16/2021 12:21	0:02	MS	Data is not available	Data is not available	Oversupply
5/16/2021 12:22	0:01	KWP	0.001	6.409	Oversupply
5/16/2021 12:24	0:21	5A	Data is not available	Data is not available	Oversupply
5/16/2021 12:24	0:21	MS	Data is not available	Data is not available	Oversupply
5/16/2021 12:28	0:01	KWP	0.001	8.149	Oversupply
5/16/2021 12:34	0:01	KWP	0.001	2.980	Oversupply
5/16/2021 12:38	0:01	KWP	0.003	2.611	Oversupply
5/16/2021 12:43	0:01	KWP	0.001	1.240	Oversupply
5/16/2021 12:46	0:03	5A	Data is not available	Data is not available	Oversupply
5/16/2021 12:46	0:03	MS	Data is not available	Data is not available	Oversupply
5/16/2021 12:50	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 12:50	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 12:52	0:03	5A	Data is not available	Data is not available	Oversupply
5/16/2021 12:52	0:03	MS	Data is not available	Data is not available	Oversupply
5/16/2021 12:53	0:01	KWP	0.003	3.244	Oversupply
5/16/2021 12:57	0:02	5A	Data is not available	Data is not available	Oversupply
5/16/2021 12:57	0:02	MS	Data is not available	Data is not available	Oversupply
5/16/2021 12:57	0:02	KWP	0.003	3.930	Oversupply
5/16/2021 13:01	0:03	5A	Data is not available	Data is not available	Oversupply
5/16/2021 13:01	0:03	MS	Data is not available	Data is not available	Oversupply
5/16/2021 13:02	0:01	KWP	0.004	4.035	Oversupply
5/16/2021 13:05	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 13:05	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 13:07	0:05	5A	Data is not available	Data is not available	Oversupply
5/16/2021 13:07	0:05	MS	Data is not available	Data is not available	Oversupply
5/16/2021 13:08	0:01	KWP	0.001	6.936	Oversupply
5/16/2021 13:10	0:02	KWP	0.002	5.090	Oversupply
5/16/2021 13:16	0:02	5A	Data is not available	Data is not available	Oversupply
5/16/2021 13:16	0:02	MS	Data is not available	Data is not available	Oversupply
5/16/2021 13:19	0:04	5A	Data is not available	Data is not available	Oversupply
5/16/2021 13:19	0:04	MS	Data is not available	Data is not available	Oversupply
5/16/2021 13:19	0:01	KWP	0.001	11.103	Oversupply
5/16/2021 13:22	0:01	KWP	0.003	7.991	Oversupply
5/16/2021 13:25	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 13:25	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 13:27	0:04	5A	Data is not available	Data is not available	Oversupply
5/16/2021 13:27	0:04	MS	Data is not available	Data is not available	Oversupply
5/16/2021 13:28	0:01	KWP	0.001	7.622	Oversupply
5/16/2021 13:30	0:01	KWP	0.002	7.358	Oversupply
5/16/2021 13:32	0:04	5A	Data is not available	Data is not available	Oversupply
5/16/2021 13:32	0:04	MS	Data is not available	Data is not available	Oversupply
5/16/2021 13:34	0:01	KWP	0.001	6.092	Oversupply
5/16/2021 13:44	0:04	5A	Data is not available	Data is not available	Oversupply
5/16/2021 13:44	0:04	MS	Data is not available	Data is not available	Oversupply
5/16/2021 13:44	0:03	KWP	0.005	15.640	Oversupply
5/16/2021 13:49	0:02	5A	Data is not available	Data is not available	Oversupply
5/16/2021 13:49	0:02	MS	Data is not available	Data is not available	Oversupply
5/16/2021 13:52	0:16	5A	Data is not available	Data is not available	Oversupply
5/16/2021 13:52	0:16	MS	Data is not available	Data is not available	Oversupply
5/16/2021 13:58	0:01	KWP	0.001	10.207	Oversupply
5/16/2021 14:01	0:02	KWP	0.003	9.626	Oversupply
5/16/2021 14:05	0:01	KWP	0.001	6.725	Oversupply
5/16/2021 14:07	0:01	KWP	0.001	6.673	Oversupply
5/16/2021 14:09	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 14:09	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 14:09	0:01	KWP	0.001	7.516	Oversupply
5/16/2021 14:12	0:13	5A	Data is not available	Data is not available	Oversupply
5/16/2021 14:12	0:13	MS	Data is not available	Data is not available	Oversupply
5/16/2021 14:16	0:01	KWP	0.001	7.991	Oversupply
5/16/2021 14:26	0:04	5A	Data is not available	Data is not available	Oversupply
5/16/2021 14:26	0:04	MS	Data is not available	Data is not available	Oversupply
5/16/2021 14:26	0:01	KWP	0.001	10.207	Oversupply
5/16/2021 14:29	0:01	KWP	0.001	9.732	Oversupply
5/16/2021 14:32	0:04	5A	Data is not available	Data is not available	Oversupply
5/16/2021 14:32	0:04	MS	Data is not available	Data is not available	Oversupply
5/16/2021 14:32	0:01	KWP	0.001	11.209	Oversupply
5/16/2021 14:37	0:06	5A	Data is not available	Data is not available	Oversupply
5/16/2021 14:37	0:06	MS	Data is not available	Data is not available	Oversupply
5/16/2021 14:46	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 14:46	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 14:50	0:09	5A	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
5/16/2021 14:50	0:09	MS	Data is not available	Data is not available	Oversupply
5/16/2021 14:53	0:01	KWP	0.001	16.220	Oversupply
5/16/2021 14:56	0:01	KWP	0.002	12.475	Oversupply
5/16/2021 15:00	0:02	5A	Data is not available	Data is not available	Oversupply
5/16/2021 15:00	0:02	MS	Data is not available	Data is not available	Oversupply
5/16/2021 15:04	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 15:04	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 15:06	0:04	5A	Data is not available	Data is not available	Oversupply
5/16/2021 15:06	0:04	MS	Data is not available	Data is not available	Oversupply
5/16/2021 15:08	0:01	KWP	0.001	17.697	Oversupply
5/16/2021 15:11	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 15:11	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 15:13	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 15:13	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 15:13	0:01	KWP	0.000	19.648	Oversupply
5/16/2021 15:17	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 15:17	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 15:20	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 15:20	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 15:23	0:02	5A	Data is not available	Data is not available	Oversupply
5/16/2021 15:23	0:02	MS	Data is not available	Data is not available	Oversupply
5/16/2021 15:26	0:01	5A	Data is not available	Data is not available	Oversupply
5/16/2021 15:26	0:01	MS	Data is not available	Data is not available	Oversupply
5/16/2021 15:26	0:01	KWP	0.001	25.925	Oversupply
5/16/2021 15:42	0:13	AWE	1.041	21.000	Oversupply
5/16/2021 15:58	0:02	SSA3	0.019	0.071	Oversupply
5/16/2021 15:59	0:02	SSA2	0.085	0.054	Oversupply
5/16/2021 16:00	1:15	SSA3	1.087	0.515	Oversupply
5/16/2021 16:01	1:14	BS250	Data is not available	Data is not available	Oversupply
5/16/2021 16:01	1:14	KWP	11.415	20.708	Oversupply
5/16/2021 16:01	1:26	17-2	0.377	0.603	Oversupply
5/16/2021 16:01	1:14	SSA2	2.471	0.123	Oversupply
5/16/2021 17:15	0:02	SSA3	0.027	0.228	Oversupply
5/16/2021 17:15	0:02	SSA2	0.041	0.342	Oversupply
5/16/2021 17:17	0:09	BS250	Data is not available	Data is not available	Oversupply
5/16/2021 17:17	0:10	KWP	0.262	20.708	Oversupply
5/16/2021 17:17	0:10	SSA3	0.132	-0.005	Oversupply
5/16/2021 17:17	0:10	SSA2	0.206	0.018	Oversupply
5/16/2021 17:27	0:02	SSA2	0.041	0.128	Oversupply
5/16/2021 17:28	0:07	17-2	0.010	0.120	Oversupply
5/16/2021 17:29	0:04	SSA3	0.034	0.024	Oversupply
5/16/2021 17:29	0:04	SSA2	0.038	0.005	Oversupply
5/16/2021 17:30	0:04	BS250	Data is not available	Data is not available	Oversupply
5/16/2021 17:30	0:06	KWP	0.138	20.708	Oversupply
5/16/2021 17:33	0:02	SSA3	0.010	0.005	Oversupply
5/16/2021 17:33	0:02	SSA2	0.013	0.001	Oversupply
5/16/2021 17:45	0:01	KWP	0.001	20.708	Oversupply
5/16/2021 20:46	0:03	KWP	0.033	20.708	Oversupply
5/16/2021 20:55	0:02	KWP	0.018	20.708	Oversupply
5/16/2021 22:09	0:01	KWP	0.000	20.708	Oversupply
5/16/2021 23:22	0:01	KWP	0.002	19.211	Oversupply
5/16/2021 23:30	4:40	KWP	29.886	19.211	Oversupply
5/17/2021 3:41	0:02	AWE	0.015	9.400	Oversupply
5/17/2021 3:48	0:08	AWE	0.276	12.700	Oversupply
5/17/2021 4:00	0:01	AWE	0.015	12.500	Oversupply
5/17/2021 4:02	0:01	AWE	0.006	10.600	Oversupply
5/17/2021 4:12	0:33	KWP	4.917	19.209	Oversupply
5/17/2021 4:18	0:07	AWE	0.327	14.300	Oversupply
5/17/2021 4:26	0:12	AWE	0.873	20.900	Oversupply
5/17/2021 4:39	0:01	AWE	0.005	17.500	Oversupply
5/17/2021 4:47	0:56	KWP	5.411	19.211	Oversupply
5/17/2021 5:49	0:26	BS250	Data is not available	Data is not available	Oversupply
5/17/2021 5:50	0:26	KWP	2.080	19.211	Oversupply
5/17/2021 6:18	0:02	BS250	Data is not available	Data is not available	Oversupply
5/17/2021 6:19	0:02	SSA3	0.001	0.072	Oversupply
5/17/2021 6:21	0:01	17-2	0.000	0.018	Oversupply
5/17/2021 6:34	0:11	BS250	Data is not available	Data is not available	Oversupply
5/17/2021 6:34	0:12	17-2	0.006	0.067	Oversupply
5/17/2021 6:34	0:12	SSA2	0.013	0.003	Oversupply
5/17/2021 6:35	0:10	KWP	0.228	19.211	Oversupply
5/17/2021 6:35	0:10	SSA3	0.035	0.002	Oversupply
5/17/2021 6:54	10:14	17-2	5.115	0.750	Oversupply
5/17/2021 6:54	0:08	SSA2	0.021	0.062	Oversupply
5/17/2021 6:55	0:07	BS250	Data is not available	Data is not available	Oversupply
5/17/2021 6:55	10:12	SSA3	21.942	0.002	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/17/2021 6:56	10:02	KWP	184.665	20.708	Oversupply
5/17/2021 7:02	0:02	SSA2	0.008	-0.001	Oversupply
5/17/2021 7:03	9:55	BS250	Data is not available	Data is not available	Oversupply
5/17/2021 7:04	10:02	SSA2	21.764	-0.001	Oversupply
5/17/2021 7:33	0:02	AWE	0.006	16.800	Oversupply
5/17/2021 7:37	8:20	AWE	146.869	21.000	Oversupply
5/17/2021 9:16	0:02	5A	Data is not available	Data is not available	Oversupply
5/17/2021 9:16	0:02	MS	Data is not available	Data is not available	Oversupply
5/17/2021 9:23	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 9:23	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 9:25	0:07	5A	Data is not available	Data is not available	Oversupply
5/17/2021 9:25	0:07	MS	Data is not available	Data is not available	Oversupply
5/17/2021 9:25	0:01	KWP	0.001	28.088	Oversupply
5/17/2021 9:29	0:01	KWP	0.001	26.189	Oversupply
5/17/2021 9:31	0:01	KWP	0.001	25.134	Oversupply
5/17/2021 9:33	0:13	5A	Data is not available	Data is not available	Oversupply
5/17/2021 9:33	0:13	MS	Data is not available	Data is not available	Oversupply
5/17/2021 9:36	0:01	KWP	0.001	23.552	Oversupply
5/17/2021 9:39	0:01	KWP	0.001	21.916	Oversupply
5/17/2021 9:45	0:01	KWP	0.001	21.547	Oversupply
5/17/2021 9:48	0:04	5A	Data is not available	Data is not available	Oversupply
5/17/2021 9:48	0:04	MS	Data is not available	Data is not available	Oversupply
5/17/2021 9:53	0:06	5A	Data is not available	Data is not available	Oversupply
5/17/2021 9:53	0:06	MS	Data is not available	Data is not available	Oversupply
5/17/2021 9:53	0:02	KWP	0.002	20.651	Oversupply
5/17/2021 10:00	0:06	5A	Data is not available	Data is not available	Oversupply
5/17/2021 10:00	0:06	MS	Data is not available	Data is not available	Oversupply
5/17/2021 10:02	0:01	KWP	0.001	19.385	Oversupply
5/17/2021 10:07	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 10:07	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 10:07	0:01	KWP	0.002	17.908	Oversupply
5/17/2021 10:09	0:14	5A	Data is not available	Data is not available	Oversupply
5/17/2021 10:09	0:14	MS	Data is not available	Data is not available	Oversupply
5/17/2021 10:10	0:01	KWP	0.001	17.591	Oversupply
5/17/2021 10:16	0:01	KWP	0.000	16.378	Oversupply
5/17/2021 10:19	0:01	KWP	0.001	15.481	Oversupply
5/17/2021 10:24	0:03	5A	Data is not available	Data is not available	Oversupply
5/17/2021 10:24	0:03	MS	Data is not available	Data is not available	Oversupply
5/17/2021 10:24	0:01	KWP	0.002	15.429	Oversupply
5/17/2021 10:28	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 10:28	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 10:30	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 10:30	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 10:30	0:01	KWP	0.001	14.848	Oversupply
5/17/2021 10:33	0:04	5A	Data is not available	Data is not available	Oversupply
5/17/2021 10:33	0:04	MS	Data is not available	Data is not available	Oversupply
5/17/2021 10:33	0:01	KWP	0.001	14.426	Oversupply
5/17/2021 10:35	0:02	KWP	0.002	14.004	Oversupply
5/17/2021 10:38	0:09	5A	Data is not available	Data is not available	Oversupply
5/17/2021 10:38	0:09	MS	Data is not available	Data is not available	Oversupply
5/17/2021 10:41	0:01	KWP	0.000	13.266	Oversupply
5/17/2021 10:44	0:01	KWP	0.001	12.527	Oversupply
5/17/2021 10:48	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 10:48	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 10:50	0:05	5A	Data is not available	Data is not available	Oversupply
5/17/2021 10:50	0:05	MS	Data is not available	Data is not available	Oversupply
5/17/2021 10:50	0:01	KWP	0.002	14.479	Oversupply
5/17/2021 10:56	0:03	5A	Data is not available	Data is not available	Oversupply
5/17/2021 10:56	0:03	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:00	0:13	5A	Data is not available	Data is not available	Oversupply
5/17/2021 11:00	0:13	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:01	0:01	KWP	0.001	13.213	Oversupply
5/17/2021 11:05	0:02	KWP	0.003	14.532	Oversupply
5/17/2021 11:14	0:06	5A	Data is not available	Data is not available	Oversupply
5/17/2021 11:14	0:06	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:14	0:02	KWP	0.002	13.266	Oversupply
5/17/2021 11:21	0:04	5A	Data is not available	Data is not available	Oversupply
5/17/2021 11:21	0:04	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:26	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 11:26	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:28	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 11:28	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:30	0:02	5A	Data is not available	Data is not available	Oversupply
5/17/2021 11:30	0:02	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:33	0:01	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/17/2021 11:33	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:35	0:03	5A	Data is not available	Data is not available	Oversupply
5/17/2021 11:35	0:03	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:37	0:01	KWP	0.001	11.103	Oversupply
5/17/2021 11:39	0:02	5A	Data is not available	Data is not available	Oversupply
5/17/2021 11:39	0:02	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:42	0:02	5A	Data is not available	Data is not available	Oversupply
5/17/2021 11:42	0:02	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:43	0:01	KWP	0.003	11.051	Oversupply
5/17/2021 11:45	0:03	5A	Data is not available	Data is not available	Oversupply
5/17/2021 11:45	0:03	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:49	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 11:49	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:51	0:03	5A	Data is not available	Data is not available	Oversupply
5/17/2021 11:51	0:03	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:52	0:01	KWP	0.003	10.629	Oversupply
5/17/2021 11:55	0:05	5A	Data is not available	Data is not available	Oversupply
5/17/2021 11:55	0:05	MS	Data is not available	Data is not available	Oversupply
5/17/2021 11:56	0:01	KWP	0.002	9.415	Oversupply
5/17/2021 12:01	0:03	5A	Data is not available	Data is not available	Oversupply
5/17/2021 12:01	0:03	MS	Data is not available	Data is not available	Oversupply
5/17/2021 12:05	0:11	5A	Data is not available	Data is not available	Oversupply
5/17/2021 12:05	0:11	MS	Data is not available	Data is not available	Oversupply
5/17/2021 12:07	0:01	KWP	0.005	10.734	Oversupply
5/17/2021 12:14	0:01	KWP	0.001	10.787	Oversupply
5/17/2021 12:17	0:04	5A	Data is not available	Data is not available	Oversupply
5/17/2021 12:17	0:04	MS	Data is not available	Data is not available	Oversupply
5/17/2021 12:22	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 12:22	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 12:22	0:01	KWP	0.001	9.996	Oversupply
5/17/2021 12:24	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 12:24	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 12:24	0:01	KWP	0.003	9.943	Oversupply
5/17/2021 12:26	0:05	5A	Data is not available	Data is not available	Oversupply
5/17/2021 12:26	0:05	MS	Data is not available	Data is not available	Oversupply
5/17/2021 12:32	0:02	5A	Data is not available	Data is not available	Oversupply
5/17/2021 12:32	0:02	MS	Data is not available	Data is not available	Oversupply
5/17/2021 12:33	0:01	KWP	0.001	11.789	Oversupply
5/17/2021 12:35	0:02	5A	Data is not available	Data is not available	Oversupply
5/17/2021 12:35	0:02	MS	Data is not available	Data is not available	Oversupply
5/17/2021 12:39	0:03	5A	Data is not available	Data is not available	Oversupply
5/17/2021 12:39	0:03	MS	Data is not available	Data is not available	Oversupply
5/17/2021 12:43	0:04	5A	Data is not available	Data is not available	Oversupply
5/17/2021 12:43	0:04	MS	Data is not available	Data is not available	Oversupply
5/17/2021 12:46	0:01	KWP	0.001	10.892	Oversupply
5/17/2021 12:49	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 12:49	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 12:51	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 12:51	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 12:53	0:04	5A	Data is not available	Data is not available	Oversupply
5/17/2021 12:53	0:04	MS	Data is not available	Data is not available	Oversupply
5/17/2021 12:53	0:01	KWP	0.001	11.525	Oversupply
5/17/2021 12:59	0:02	5A	Data is not available	Data is not available	Oversupply
5/17/2021 12:59	0:02	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:02	0:02	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:02	0:02	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:03	0:01	KWP	0.001	11.314	Oversupply
5/17/2021 13:05	0:02	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:05	0:02	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:08	0:02	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:08	0:02	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:11	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:11	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:14	0:04	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:14	0:04	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:15	0:01	KWP	0.001	12.475	Oversupply
5/17/2021 13:20	0:06	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:20	0:06	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:27	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:27	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:29	0:03	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:29	0:03	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:29	0:01	KWP	0.001	13.055	Oversupply
5/17/2021 13:33	0:06	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:33	0:06	MS	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/17/2021 13:33	0:02	KWP	0.002	14.954	Oversupply
5/17/2021 13:40	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:40	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:40	0:01	KWP	0.001	13.582	Oversupply
5/17/2021 13:42	0:05	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:42	0:05	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:46	0:01	KWP	0.003	14.321	Oversupply
5/17/2021 13:48	0:02	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:48	0:02	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:51	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:51	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:53	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:53	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:55	0:11	5A	Data is not available	Data is not available	Oversupply
5/17/2021 13:55	0:11	MS	Data is not available	Data is not available	Oversupply
5/17/2021 13:55	0:01	KWP	0.003	17.591	Oversupply
5/17/2021 13:58	0:01	KWP	0.001	17.327	Oversupply
5/17/2021 14:04	0:01	KWP	0.003	16.431	Oversupply
5/17/2021 14:09	0:03	5A	Data is not available	Data is not available	Oversupply
5/17/2021 14:09	0:03	MS	Data is not available	Data is not available	Oversupply
5/17/2021 14:09	0:01	KWP	0.001	20.545	Oversupply
5/17/2021 14:13	0:10	5A	Data is not available	Data is not available	Oversupply
5/17/2021 14:13	0:10	MS	Data is not available	Data is not available	Oversupply
5/17/2021 14:14	0:01	KWP	0.001	17.697	Oversupply
5/17/2021 14:18	0:01	KWP	0.001	18.593	Oversupply
5/17/2021 14:24	0:04	5A	Data is not available	Data is not available	Oversupply
5/17/2021 14:24	0:04	MS	Data is not available	Data is not available	Oversupply
5/17/2021 14:29	0:04	5A	Data is not available	Data is not available	Oversupply
5/17/2021 14:29	0:04	MS	Data is not available	Data is not available	Oversupply
5/17/2021 14:29	0:01	KWP	0.003	23.763	Oversupply
5/17/2021 14:35	0:06	5A	Data is not available	Data is not available	Oversupply
5/17/2021 14:35	0:06	MS	Data is not available	Data is not available	Oversupply
5/17/2021 14:35	0:03	KWP	0.016	26.136	Oversupply
5/17/2021 14:43	0:02	5A	Data is not available	Data is not available	Oversupply
5/17/2021 14:43	0:02	MS	Data is not available	Data is not available	Oversupply
5/17/2021 14:46	0:03	5A	Data is not available	Data is not available	Oversupply
5/17/2021 14:46	0:03	MS	Data is not available	Data is not available	Oversupply
5/17/2021 14:50	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 14:50	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 14:53	0:01	5A	Data is not available	Data is not available	Oversupply
5/17/2021 14:53	0:01	MS	Data is not available	Data is not available	Oversupply
5/17/2021 16:00	0:03	AWE	0.035	21.000	Oversupply
5/17/2021 16:59	0:06	BS250	Data is not available	Data is not available	Oversupply
5/17/2021 16:59	0:06	KWP	0.123	20.708	Oversupply
5/17/2021 17:08	0:02	SSA2	0.053	0.143	Oversupply
5/17/2021 17:08	0:02	SSA3	0.026	0.957	Oversupply
5/17/2021 17:09	0:36	17-2	0.071	0.263	Oversupply
5/17/2021 17:10	0:32	SSA2	0.710	0.040	Oversupply
5/17/2021 17:11	0:30	SSA3	0.363	0.012	Oversupply
5/17/2021 17:11	0:31	BS250	Data is not available	Data is not available	Oversupply
5/17/2021 17:12	0:30	KWP	1.416	20.708	Oversupply
5/17/2021 17:41	0:02	SSA3	0.018	0.001	Oversupply
5/17/2021 17:42	0:02	SSA2	0.034	0.416	Oversupply
5/17/2021 21:19	17:23	KWP	329.565	20.708	Oversupply
5/17/2021 23:04	0:01	AWE	0.007	20.800	Oversupply
5/17/2021 23:08	6:11	AWE	66.792	21.000	Oversupply
5/18/2021 5:20	0:01	AWE	0.018	15.200	Oversupply
5/18/2021 5:22	0:13	AWE	0.283	19.700	Oversupply
5/18/2021 5:36	0:23	AWE	0.733	21.000	Oversupply
5/18/2021 5:44	8:58	BS250	Data is not available	Data is not available	Oversupply
5/18/2021 5:59	8:43	SSA3	17.410	0.029	Oversupply
5/18/2021 6:02	8:40	SSA2	15.791	-0.001	Oversupply
5/18/2021 6:15	10:12	17-2	4.206	0.750	Oversupply
5/18/2021 7:29	7:08	AWE	119.809	21.000	Oversupply
5/18/2021 9:18	0:04	5A	Data is not available	Data is not available	Oversupply
5/18/2021 9:18	0:04	MS	Data is not available	Data is not available	Oversupply
5/18/2021 9:21	0:01	KWP	0.001	26.558	Oversupply
5/18/2021 9:23	0:25	5A	Data is not available	Data is not available	Oversupply
5/18/2021 9:23	0:25	MS	Data is not available	Data is not available	Oversupply
5/18/2021 9:24	0:01	KWP	0.001	25.556	Oversupply
5/18/2021 9:31	0:01	KWP	0.006	27.033	Oversupply
5/18/2021 9:36	0:01	KWP	0.002	23.868	Oversupply
5/18/2021 9:44	0:01	KWP	0.001	23.182	Oversupply
5/18/2021 9:49	0:08	5A	Data is not available	Data is not available	Oversupply
5/18/2021 9:49	0:08	MS	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
5/18/2021 9:58	0:20	5A	Data is not available	Data is not available	Oversupply
5/18/2021 9:58	0:20	MS	Data is not available	Data is not available	Oversupply
5/18/2021 10:02	0:01	KWP	0.001	19.859	Oversupply
5/18/2021 10:05	0:01	KWP	0.003	19.490	Oversupply
5/18/2021 10:15	0:01	KWP	0.000	17.486	Oversupply
5/18/2021 10:17	0:01	KWP	0.000	17.275	Oversupply
5/18/2021 10:19	0:01	5A	Data is not available	Data is not available	Oversupply
5/18/2021 10:19	0:01	MS	Data is not available	Data is not available	Oversupply
5/18/2021 10:22	0:08	5A	Data is not available	Data is not available	Oversupply
5/18/2021 10:22	0:08	MS	Data is not available	Data is not available	Oversupply
5/18/2021 10:32	0:01	5A	Data is not available	Data is not available	Oversupply
5/18/2021 10:32	0:01	MS	Data is not available	Data is not available	Oversupply
5/18/2021 10:34	0:06	5A	Data is not available	Data is not available	Oversupply
5/18/2021 10:34	0:06	MS	Data is not available	Data is not available	Oversupply
5/18/2021 10:41	0:05	5A	Data is not available	Data is not available	Oversupply
5/18/2021 10:41	0:05	MS	Data is not available	Data is not available	Oversupply
5/18/2021 10:47	0:01	5A	Data is not available	Data is not available	Oversupply
5/18/2021 10:47	0:01	MS	Data is not available	Data is not available	Oversupply
5/18/2021 10:49	0:01	5A	Data is not available	Data is not available	Oversupply
5/18/2021 10:49	0:01	MS	Data is not available	Data is not available	Oversupply
5/18/2021 10:51	0:19	MS	Data is not available	Data is not available	Oversupply
5/18/2021 10:56	0:01	KWP	0.001	12.738	Oversupply
5/18/2021 11:11	0:24	MS	Data is not available	Data is not available	Oversupply
5/18/2021 11:12	0:01	KWP	0.001	12.475	Oversupply
5/18/2021 11:36	0:02	MS	Data is not available	Data is not available	Oversupply
5/18/2021 11:40	0:02	MS	Data is not available	Data is not available	Oversupply
5/18/2021 11:40	0:01	KWP	0.002	14.901	Oversupply
5/18/2021 11:43	0:09	MS	Data is not available	Data is not available	Oversupply
5/18/2021 11:44	0:01	KWP	0.001	13.899	Oversupply
5/18/2021 11:46	0:01	KWP	0.001	13.319	Oversupply
5/18/2021 11:49	0:01	KWP	0.000	12.686	Oversupply
5/18/2021 11:54	0:02	MS	Data is not available	Data is not available	Oversupply
5/18/2021 11:57	0:07	MS	Data is not available	Data is not available	Oversupply
5/18/2021 12:01	0:01	KWP	0.001	12.053	Oversupply
5/18/2021 12:05	0:07	MS	Data is not available	Data is not available	Oversupply
5/18/2021 12:13	0:04	MS	Data is not available	Data is not available	Oversupply
5/18/2021 12:15	0:02	KWP	0.003	15.534	Oversupply
5/18/2021 12:18	0:05	MS	Data is not available	Data is not available	Oversupply
5/18/2021 12:19	0:01	KWP	0.001	13.477	Oversupply
5/18/2021 12:24	0:03	MS	Data is not available	Data is not available	Oversupply
5/18/2021 12:24	0:01	KWP	0.001	13.635	Oversupply
5/18/2021 12:28	0:02	MS	Data is not available	Data is not available	Oversupply
5/18/2021 12:31	0:02	MS	Data is not available	Data is not available	Oversupply
5/18/2021 12:34	0:03	MS	Data is not available	Data is not available	Oversupply
5/18/2021 12:39	0:08	MS	Data is not available	Data is not available	Oversupply
5/18/2021 12:46	0:01	KWP	0.001	14.901	Oversupply
5/18/2021 12:48	0:07	MS	Data is not available	Data is not available	Oversupply
5/18/2021 12:50	0:01	KWP	0.003	14.954	Oversupply
5/18/2021 12:56	0:01	MS	Data is not available	Data is not available	Oversupply
5/18/2021 12:58	0:06	MS	Data is not available	Data is not available	Oversupply
5/18/2021 13:05	0:11	MS	Data is not available	Data is not available	Oversupply
5/18/2021 13:06	0:01	KWP	0.001	19.385	Oversupply
5/18/2021 13:11	0:01	KWP	0.001	17.116	Oversupply
5/18/2021 13:14	0:02	KWP	0.003	17.011	Oversupply
5/18/2021 13:17	0:03	MS	Data is not available	Data is not available	Oversupply
5/18/2021 13:21	0:11	MS	Data is not available	Data is not available	Oversupply
5/18/2021 13:23	0:01	KWP	0.002	19.859	Oversupply
5/18/2021 13:35	0:01	MS	Data is not available	Data is not available	Oversupply
5/18/2021 13:37	0:08	MS	Data is not available	Data is not available	Oversupply
5/18/2021 13:46	0:04	MS	Data is not available	Data is not available	Oversupply
5/18/2021 13:46	0:01	KWP	0.001	22.866	Oversupply
5/18/2021 13:51	0:01	MS	Data is not available	Data is not available	Oversupply
5/18/2021 14:41	0:02	SSA2	0.063	0.031	Oversupply
5/18/2021 14:42	0:02	SSA3	0.044	0.390	Oversupply
5/18/2021 14:43	1:42	BS250	Data is not available	Data is not available	Oversupply
5/18/2021 14:43	1:42	KWP	20.478	20.569	Oversupply
5/18/2021 14:43	1:43	SSA2	2.400	0.015	Oversupply
5/18/2021 14:44	1:41	SSA3	2.731	0.001	Oversupply
5/18/2021 16:25	0:02	SSA3	0.012	0.115	Oversupply
5/18/2021 16:26	0:02	SSA2	0.064	0.398	Oversupply
5/18/2021 16:28	0:03	17-2	0.026	0.588	Oversupply
5/18/2021 16:29	0:02	SSA3	-0.011	0.570	Oversupply
5/18/2021 16:30	0:02	SSA2	-0.002	1.434	Oversupply
5/18/2021 16:49	0:01	17-2	0.001	0.380	Oversupply
5/18/2021 21:08	6:23	KWP	79.977	20.588	Oversupply



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/18/2021 23:14	0:07	AWE	0.228	21.000	Oversupply
5/18/2021 23:45	0:05	AWE	0.140	21.000	Oversupply
5/18/2021 23:54	0:13	AWE	0.532	21.000	Oversupply
5/19/2021 0:09	0:06	AWE	0.071	18.000	Oversupply
5/19/2021 0:16	2:53	AWE	22.002	21.000	Oversupply
5/19/2021 3:10	0:02	AWE	0.019	19.000	Oversupply
5/19/2021 3:13	0:06	AWE	0.135	18.700	Oversupply
5/19/2021 3:20	0:01	AWE	0.010	17.600	Oversupply
5/19/2021 3:23	0:03	AWE	0.045	17.400	Oversupply
5/19/2021 3:32	0:01	AWE	0.004	19.000	Oversupply
5/19/2021 3:32	1:03	KWP	15.336	20.563	Oversupply
5/19/2021 3:53	0:38	AWE	1.761	19.900	Oversupply
5/19/2021 4:37	0:35	KWP	7.386	19.127	Oversupply
5/19/2021 4:51	0:16	AWE	0.957	21.000	Oversupply
5/19/2021 5:14	3:00	KWP	43.844	20.708	Oversupply
5/19/2021 5:26	0:24	AWE	1.187	21.000	Oversupply
5/19/2021 5:44	2:30	BS250	Data is not available	Data is not available	Oversupply
5/19/2021 5:58	2:15	SSA3	1.255	0.026	Oversupply
5/19/2021 6:02	2:13	SSA2	0.526	0.000	Oversupply
5/19/2021 6:28	10:29	17-2	3.455	0.750	Oversupply
5/19/2021 7:59	0:02	AWE	0.001	21.000	Oversupply
5/19/2021 8:02	0:08	AWE	0.159	21.000	Oversupply
5/19/2021 8:14	0:02	SSA3	0.039	0.037	Oversupply
5/19/2021 8:15	0:02	SSA2	0.019	0.317	Oversupply
5/19/2021 8:16	0:58	BS250	Data is not available	Data is not available	Oversupply
5/19/2021 8:16	0:58	KWP	19.183	20.708	Oversupply
5/19/2021 8:16	0:59	SSA3	1.633	0.540	Oversupply
5/19/2021 8:17	0:56	SSA2	0.638	0.005	Oversupply
5/19/2021 8:23	0:46	AWE	4.313	21.000	Oversupply
5/19/2021 9:10	1:48	AWE	37.284	21.000	System Constraint
5/19/2021 9:13	0:02	SSA2	0.030	0.082	Oversupply
5/19/2021 9:14	0:02	SSA3	0.065	1.062	Oversupply
5/19/2021 9:15	7:35	SSA2	14.547	0.058	Oversupply
5/19/2021 9:16	7:34	BS250	Data is not available	Data is not available	Oversupply
5/19/2021 9:16	7:34	KWP	135.702	20.707	Oversupply
5/19/2021 9:16	7:34	SSA3	16.810	0.011	Oversupply
5/19/2021 9:29	0:01	MS	Data is not available	Data is not available	Oversupply
5/19/2021 9:35	0:03	MS	Data is not available	Data is not available	Oversupply
5/19/2021 9:36	0:01	KWP	0.010	27.297	Oversupply
5/19/2021 9:39	0:04	MS	Data is not available	Data is not available	Oversupply
5/19/2021 9:44	0:06	MS	Data is not available	Data is not available	Oversupply
5/19/2021 9:48	0:01	KWP	0.001	24.448	Oversupply
5/19/2021 9:53	0:05	MS	Data is not available	Data is not available	Oversupply
5/19/2021 9:57	0:01	KWP	0.002	23.921	Oversupply
5/19/2021 9:59	0:03	MS	Data is not available	Data is not available	Oversupply
5/19/2021 10:03	0:01	MS	Data is not available	Data is not available	Oversupply
5/19/2021 10:09	0:01	MS	Data is not available	Data is not available	Oversupply
5/19/2021 10:21	0:01	MS	Data is not available	Data is not available	Oversupply
5/19/2021 10:29	0:16	MS	Data is not available	Data is not available	Oversupply
5/19/2021 10:29	0:01	KWP	0.004	26.084	Oversupply
5/19/2021 10:36	0:02	KWP	0.002	24.659	Oversupply
5/19/2021 10:39	0:02	KWP	0.004	21.653	Oversupply
5/19/2021 10:46	0:02	MS	Data is not available	Data is not available	Oversupply
5/19/2021 10:50	0:01	MS	Data is not available	Data is not available	Oversupply
5/19/2021 10:52	0:06	MS	Data is not available	Data is not available	Oversupply
5/19/2021 10:52	0:01	KWP	0.001	22.391	Oversupply
5/19/2021 10:59	0:04	MS	Data is not available	Data is not available	Oversupply
5/19/2021 10:59	0:01	KWP	0.004	21.969	Oversupply
5/19/2021 10:59	4:18	AWE	66.143	21.000	Oversupply
5/19/2021 11:15	0:02	MS	Data is not available	Data is not available	Oversupply
5/19/2021 11:18	0:13	MS	Data is not available	Data is not available	Oversupply
5/19/2021 11:26	0:02	KWP	0.007	20.229	Oversupply
5/19/2021 11:29	0:01	KWP	0.002	17.960	Oversupply
5/19/2021 11:32	0:02	MS	Data is not available	Data is not available	Oversupply
5/19/2021 11:36	0:01	MS	Data is not available	Data is not available	Oversupply
5/19/2021 11:42	0:04	MS	Data is not available	Data is not available	Oversupply
5/19/2021 11:44	0:02	KWP	0.007	24.765	Oversupply
5/19/2021 11:47	0:01	MS	Data is not available	Data is not available	Oversupply
5/19/2021 11:49	0:01	MS	Data is not available	Data is not available	Oversupply
5/19/2021 11:52	0:02	MS	Data is not available	Data is not available	Oversupply
5/19/2021 11:53	0:01	KWP	0.001	24.079	Oversupply
5/19/2021 11:57	0:03	MS	Data is not available	Data is not available	Oversupply
5/19/2021 12:01	0:04	MS	Data is not available	Data is not available	Oversupply
5/19/2021 12:01	0:01	KWP	0.006	23.235	Oversupply
5/19/2021 12:06	0:01	MS	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/19/2021 13:50	0:04	MS	Data is not available	Data is not available	Oversupply
5/19/2021 13:50	0:02	KWP	0.004	25.978	Oversupply
5/19/2021 13:55	0:03	MS	Data is not available	Data is not available	Oversupply
5/19/2021 13:56	0:02	KWP	0.008	21.864	Oversupply
5/19/2021 13:59	0:01	MS	Data is not available	Data is not available	Oversupply
5/19/2021 14:01	0:06	MS	Data is not available	Data is not available	Oversupply
5/19/2021 14:06	0:01	KWP	0.004	21.653	Oversupply
5/19/2021 16:50	0:02	SSA3	0.019	0.339	Oversupply
5/19/2021 16:51	0:01	BS250	Data is not available	Data is not available	Oversupply
5/19/2021 16:51	0:01	KWP	0.004	20.621	Oversupply
5/19/2021 16:51	0:02	SSA2	0.052	0.126	Oversupply
5/19/2021 16:52	0:02	SSA3	0.019	0.268	Oversupply
5/19/2021 16:53	0:02	SSA2	0.052	0.141	Oversupply
5/19/2021 16:54	0:02	SSA3	0.019	0.438	Oversupply
5/19/2021 16:55	0:02	SSA2	0.052	0.314	Oversupply
5/19/2021 17:00	0:02	SSA3	0.003	0.621	Oversupply
5/19/2021 17:01	0:04	17-2	0.005	0.110	Oversupply
5/19/2021 17:01	0:02	SSA2	0.006	1.674	Oversupply
5/19/2021 17:02	0:02	SSA3	0.003	0.716	Oversupply
5/19/2021 17:03	0:02	SSA2	0.006	0.352	Oversupply
5/19/2021 17:15	0:02	SSA2	0.005	0.999	Oversupply
5/19/2021 22:23	2:01	KWP	28.823	20.708	Oversupply
5/19/2021 23:43	0:02	AWE	0.021	18.700	Oversupply
5/19/2021 23:58	0:01	AWE	0.003	20.200	Oversupply
5/20/2021 0:02	0:01	AWE	0.007	21.000	Oversupply
5/20/2021 0:12	0:07	AWE	0.086	19.500	Oversupply
5/20/2021 0:26	2:15	KWP	37.188	19.745	Oversupply
5/20/2021 0:38	0:25	AWE	1.589	20.300	Oversupply
5/20/2021 1:04	0:01	AWE	0.010	18.100	Oversupply
5/20/2021 1:09	0:02	AWE	0.024	18.500	Oversupply
5/20/2021 1:12	0:07	AWE	0.215	20.000	Oversupply
5/20/2021 1:22	0:03	AWE	0.069	18.400	Oversupply
5/20/2021 1:30	0:30	AWE	2.146	19.600	Oversupply
5/20/2021 2:02	0:08	AWE	0.308	16.400	Oversupply
5/20/2021 2:11	0:09	AWE	0.317	14.400	Oversupply
5/20/2021 2:21	0:05	AWE	0.053	14.100	Oversupply
5/20/2021 2:34	0:01	AWE	0.004	11.400	Oversupply
5/20/2021 2:42	2:51	KWP	40.785	20.227	Oversupply
5/20/2021 2:52	0:29	AWE	2.208	13.800	Oversupply
5/20/2021 3:22	1:13	AWE	5.730	19.300	Oversupply
5/20/2021 4:42	0:01	AWE	0.001	21.000	Oversupply
5/20/2021 4:44	0:03	AWE	0.008	21.000	Oversupply
5/20/2021 6:13	0:01	BS250	Data is not available	Data is not available	Oversupply
5/20/2021 6:13	0:01	KWP	0.006	13.271	Oversupply
5/20/2021 6:13	0:02	SSA3	0.001	0.056	Oversupply
5/20/2021 6:22	0:08	SSA2	0.010	0.067	Oversupply
5/20/2021 6:23	0:06	BS250	Data is not available	Data is not available	Oversupply
5/20/2021 6:23	0:07	17-2	0.001	0.015	Oversupply
5/20/2021 6:23	0:06	KWP	0.212	15.312	Oversupply
5/20/2021 6:23	0:06	SSA3	0.010	0.007	Oversupply
5/20/2021 7:14	0:01	17-2	0.001	0.063	Oversupply
5/20/2021 7:17	0:04	SSA3	0.043	0.588	Oversupply
5/20/2021 7:18	0:03	BS250	Data is not available	Data is not available	Oversupply
5/20/2021 7:18	0:03	KWP	0.054	4.771	Oversupply
5/20/2021 7:18	0:13	17-2	0.013	0.086	Oversupply
5/20/2021 7:18	0:12	SSA2	0.049	0.022	Oversupply
5/20/2021 7:21	0:02	SSA3	0.021	0.005	Oversupply
5/20/2021 7:22	0:08	BS250	Data is not available	Data is not available	Oversupply
5/20/2021 7:22	0:08	KWP	0.227	3.842	Oversupply
5/20/2021 7:23	0:08	SSA3	0.062	0.000	Oversupply
5/20/2021 7:35	0:02	SSA3	0.002	0.837	Oversupply
5/20/2021 7:36	0:02	17-2	0.002	0.084	Oversupply
5/20/2021 7:45	0:02	SSA3	0.033	0.981	Oversupply
5/20/2021 7:46	0:14	17-2	0.020	0.122	Oversupply
5/20/2021 7:46	0:02	SSA2	0.016	0.198	Oversupply
5/20/2021 7:47	0:02	SSA3	0.033	0.206	Oversupply
5/20/2021 7:48	0:02	SSA2	0.016	0.128	Oversupply
5/20/2021 7:49	0:09	BS250	Data is not available	Data is not available	Oversupply
5/20/2021 7:49	0:08	SSA3	0.132	0.009	Oversupply
5/20/2021 7:50	0:08	KWP	0.201	2.930	Oversupply
5/20/2021 7:50	0:08	SSA2	0.063	0.000	Oversupply
5/20/2021 7:52	0:03	AWE	0.034	21.000	Oversupply
5/20/2021 7:58	0:02	SSA3	0.032	0.050	Oversupply
5/20/2021 7:58	0:02	SSA2	0.009	0.048	Oversupply
5/20/2021 7:59	0:01	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
5/20/2021 7:59	0:01	KWP	0.001	2.739	Oversupply
5/20/2021 8:00	0:02	SSA2	0.011	0.134	Oversupply
5/20/2021 8:01	0:02	17-2	0.003	0.091	Oversupply
5/20/2021 8:02	0:02	SSA3	0.013	0.431	Oversupply
5/20/2021 8:04	0:05	17-2	0.013	0.222	Oversupply
5/20/2021 8:04	0:02	SSA3	0.013	1.096	Oversupply
5/20/2021 8:06	0:02	SSA3	0.013	1.246	Oversupply
5/20/2021 8:06	0:02	SSA2	0.011	0.591	Oversupply
5/20/2021 8:10	0:05	17-2	0.022	0.504	Oversupply
5/20/2021 8:11	0:02	SSA2	0.011	0.877	Oversupply
5/20/2021 8:12	0:02	SSA3	0.013	0.240	Oversupply
5/20/2021 8:13	0:02	SSA2	0.011	0.935	Oversupply
5/20/2021 8:14	0:02	SSA3	0.002	0.628	Oversupply
5/20/2021 8:29	0:06	17-2	0.005	0.142	Oversupply
5/20/2021 8:30	0:02	SSA3	0.005	1.339	Oversupply
5/20/2021 8:34	0:02	SSA3	0.005	1.623	Oversupply
5/20/2021 8:36	0:01	17-2	0.000	0.131	Oversupply
5/20/2021 8:43	8:13	17-2	4.593	0.750	Oversupply
5/20/2021 8:43	0:02	SSA2	0.010	1.455	Oversupply
5/20/2021 8:44	0:02	SSA3	0.040	0.419	Oversupply
5/20/2021 8:45	0:02	SSA2	0.053	0.793	Oversupply
5/20/2021 8:46	0:28	SSA3	0.883	0.111	Oversupply
5/20/2021 8:47	0:28	BS250	Data is not available	Data is not available	Oversupply
5/20/2021 8:47	0:28	KWP	0.794	3.400	Oversupply
5/20/2021 8:47	0:28	SSA2	0.784	0.010	Oversupply
5/20/2021 8:49	0:17	AWE	0.555	21.000	Oversupply
5/20/2021 9:10	0:01	AWE	0.001	21.000	Oversupply
5/20/2021 9:14	0:02	SSA3	0.064	0.003	Oversupply
5/20/2021 9:15	0:02	SSA2	0.065	0.067	Oversupply
5/20/2021 9:16	0:02	SSA3	0.069	0.130	Oversupply
5/20/2021 9:17	0:02	SSA2	0.064	0.584	Oversupply
5/20/2021 9:18	7:35	BS250	Data is not available	Data is not available	Oversupply
5/20/2021 9:18	7:35	KWP	111.443	19.204	Oversupply
5/20/2021 9:18	7:35	SSA3	16.507	0.036	Oversupply
5/20/2021 9:19	7:35	SSA2	16.783	0.028	Oversupply
5/20/2021 9:25	6:34	AWE	88.314	21.000	Oversupply
5/20/2021 10:03	0:03	MS	Data is not available	Data is not available	Oversupply
5/20/2021 10:04	0:01	KWP	0.003	14.110	Oversupply
5/20/2021 10:12	0:01	MS	Data is not available	Data is not available	Oversupply
5/20/2021 10:26	0:01	MS	Data is not available	Data is not available	Oversupply
5/20/2021 10:29	0:01	MS	Data is not available	Data is not available	Oversupply
5/20/2021 10:31	0:07	MS	Data is not available	Data is not available	Oversupply
5/20/2021 10:35	0:01	KWP	0.001	17.169	Oversupply
5/20/2021 10:39	0:03	MS	Data is not available	Data is not available	Oversupply
5/20/2021 10:40	0:01	KWP	0.001	17.644	Oversupply
5/20/2021 10:44	0:01	MS	Data is not available	Data is not available	Oversupply
5/20/2021 10:44	0:01	KWP	0.002	18.066	Oversupply
5/20/2021 10:49	0:03	MS	Data is not available	Data is not available	Oversupply
5/20/2021 10:50	0:01	KWP	0.004	20.229	Oversupply
5/20/2021 11:04	0:01	MS	Data is not available	Data is not available	Oversupply
5/20/2021 11:55	0:02	MS	Data is not available	Data is not available	Oversupply
5/20/2021 11:55	0:01	KWP	0.002	22.655	Oversupply
5/20/2021 12:05	0:01	MS	Data is not available	Data is not available	Oversupply
5/20/2021 12:14	0:02	MS	Data is not available	Data is not available	Oversupply
5/20/2021 12:17	0:01	MS	Data is not available	Data is not available	Oversupply
5/20/2021 12:19	0:03	MS	Data is not available	Data is not available	Oversupply
5/20/2021 12:23	0:02	MS	Data is not available	Data is not available	Oversupply
5/20/2021 12:26	0:05	MS	Data is not available	Data is not available	Oversupply
5/20/2021 12:26	0:01	KWP	0.002	22.655	Oversupply
5/20/2021 12:29	0:01	KWP	0.001	20.334	Oversupply
5/20/2021 12:32	0:03	MS	Data is not available	Data is not available	Oversupply
5/20/2021 12:37	0:01	MS	Data is not available	Data is not available	Oversupply
5/20/2021 12:39	0:02	MS	Data is not available	Data is not available	Oversupply
5/20/2021 12:40	0:01	KWP	0.006	24.818	Oversupply
5/20/2021 12:42	0:01	MS	Data is not available	Data is not available	Oversupply
5/20/2021 12:45	0:02	MS	Data is not available	Data is not available	Oversupply
5/20/2021 12:51	0:01	MS	Data is not available	Data is not available	Oversupply
5/20/2021 13:36	0:02	MS	Data is not available	Data is not available	Oversupply
5/20/2021 13:36	0:01	KWP	0.001	19.015	Oversupply
5/20/2021 16:01	0:01	AWE	0.007	21.000	Oversupply
5/20/2021 16:53	0:02	SSA3	0.021	0.082	Oversupply
5/20/2021 16:54	0:02	SSA2	0.036	0.628	Oversupply
5/20/2021 16:57	0:01	17-2	0.004	0.319	Oversupply
5/20/2021 16:59	0:02	17-2	0.005	0.312	Oversupply
5/20/2021 17:05	0:01	17-2	0.004	0.260	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/20/2021 17:06	0:02	SSA2	0.005	0.230	Oversupply
5/20/2021 17:07	0:01	17-2	0.003	0.265	Oversupply
5/20/2021 17:08	0:02	SSA2	0.005	1.727	Oversupply
5/20/2021 17:09	0:02	17-2	0.004	0.206	Oversupply
5/20/2021 17:09	0:02	SSA3	-0.002	0.519	Oversupply
5/20/2021 21:39	1:05	KWPPII	8.352	19.211	Oversupply
5/20/2021 22:55	0:02	KWPPII	0.008	19.189	Oversupply
5/20/2021 23:10	0:06	KWPPII	0.216	19.211	Oversupply
5/20/2021 23:17	2:35	KWPPII	29.859	19.211	Oversupply
5/21/2021 0:17	0:02	AWE	0.006	20.600	Oversupply
5/21/2021 0:32	0:19	AWE	0.885	20.100	Oversupply
5/21/2021 0:53	0:01	AWE	0.015	18.100	Oversupply
5/21/2021 1:34	0:02	AWE	0.023	17.000	Oversupply
5/21/2021 1:43	0:04	AWE	0.034	15.300	Oversupply
5/21/2021 1:54	0:02	KWPPII	0.068	11.733	Oversupply
5/21/2021 2:16	0:18	KWPPII	0.663	11.481	Oversupply
5/21/2021 2:35	0:21	KWPPII	0.759	11.835	Oversupply
5/21/2021 2:59	0:10	KWPPII	0.246	12.921	Oversupply
5/21/2021 3:25	0:36	KWPPII	2.414	14.490	Oversupply
5/21/2021 5:06	0:02	KWPPII	0.015	11.404	Oversupply
5/21/2021 5:23	0:02	KWPPII	0.011	16.457	Oversupply
5/21/2021 5:30	0:03	KWPPII	0.061	17.638	Oversupply
5/21/2021 5:59	0:02	BS250	Data is not available	Data is not available	Oversupply
5/21/2021 5:59	0:02	KWPPII	0.016	18.771	Oversupply
5/21/2021 6:04	0:01	BS250	Data is not available	Data is not available	Oversupply
5/21/2021 6:13	0:20	BS250	Data is not available	Data is not available	Oversupply
5/21/2021 6:13	0:01	KWPPII	0.003	19.097	Oversupply
5/21/2021 6:14	0:20	SSA3	0.029	0.001	Oversupply
5/21/2021 6:15	0:18	KWPPII	0.488	19.123	Oversupply
5/21/2021 6:15	0:18	SSA2	0.018	-0.001	Oversupply
5/21/2021 6:48	0:02	SSA3	0.011	0.026	Oversupply
5/21/2021 6:49	0:01	BS250	Data is not available	Data is not available	Oversupply
5/21/2021 6:49	0:01	KWPPII	0.015	18.384	Oversupply
5/21/2021 6:49	3:37	SSA2	4.818	0.002	Oversupply
5/21/2021 6:51	8:18	17-2	2.467	0.750	Oversupply
5/21/2021 6:52	3:35	BS250	Data is not available	Data is not available	Oversupply
5/21/2021 6:52	3:35	KWPPII	45.789	20.312	Oversupply
5/21/2021 6:52	2:17	SSA3	2.684	0.004	Oversupply
5/21/2021 8:28	0:03	AWE	0.043	21.000	Oversupply
5/21/2021 8:39	0:01	AWE	0.001	20.600	Oversupply
5/21/2021 8:44	0:04	AWE	0.048	21.000	Oversupply
5/21/2021 8:50	0:04	AWE	0.071	21.000	Oversupply
5/21/2021 9:00	0:01	AWE	0.009	21.000	Oversupply
5/21/2021 9:02	0:02	AWE	0.005	21.000	Oversupply
5/21/2021 9:09	0:02	SSA3	0.069	0.288	Oversupply
5/21/2021 9:11	1:17	SSA3	3.025	0.004	Oversupply
5/21/2021 9:30	0:04	AWE	0.020	21.000	Oversupply
5/21/2021 9:50	0:27	AWE	2.304	21.000	Oversupply
5/21/2021 10:21	0:01	AWE	0.000	21.000	Oversupply
5/21/2021 10:26	0:02	SSA2	0.088	0.007	Oversupply
5/21/2021 10:28	0:02	SSA3	0.087	0.504	Oversupply
5/21/2021 10:28	3:19	SSA2	8.755	0.513	Oversupply
5/21/2021 10:29	3:19	BS250	Data is not available	Data is not available	Oversupply
5/21/2021 10:29	3:19	KWPPII	60.991	20.616	Oversupply
5/21/2021 10:30	3:20	SSA3	6.974	0.008	Oversupply
5/21/2021 10:43	0:01	AWE	0.012	21.000	Oversupply
5/21/2021 10:48	1:06	AWE	8.023	21.000	Oversupply
5/21/2021 11:55	0:03	AWE	0.048	21.000	Oversupply
5/21/2021 11:59	0:02	AWE	0.012	21.000	Oversupply
5/21/2021 12:06	1:24	AWE	8.498	21.000	Oversupply
5/21/2021 13:31	0:07	AWE	0.149	21.000	Oversupply
5/21/2021 13:48	0:02	SSA2	0.096	0.001	Oversupply
5/21/2021 13:49	0:02	SSA3	0.038	0.342	Oversupply
5/21/2021 13:50	1:09	BS250	Data is not available	Data is not available	Oversupply
5/21/2021 13:50	1:09	KWPPII	17.337	20.689	Oversupply
5/21/2021 13:50	1:10	SSA2	3.349	0.275	Oversupply
5/21/2021 13:51	1:09	SSA3	1.495	0.013	Oversupply
5/21/2021 14:20	0:09	AWE	0.156	21.000	Oversupply
5/21/2021 14:31	0:02	AWE	0.017	21.000	Oversupply
5/21/2021 14:39	0:01	AWE	0.010	21.000	Oversupply
5/21/2021 15:00	0:02	SSA3	0.013	0.385	Oversupply
5/21/2021 15:00	0:02	SSA2	0.042	0.138	Oversupply
5/21/2021 15:02	0:02	SSA3	0.013	0.737	Oversupply
5/21/2021 15:02	0:02	SSA2	0.042	0.874	Oversupply
5/21/2021 15:04	0:02	SSA3	0.013	0.744	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/21/2021 15:04	0:02	SSA2	0.041	1.103	Oversupply
5/21/2021 15:06	0:02	SSA3	0.013	0.150	Oversupply
5/21/2021 15:06	0:02	SSA2	0.042	0.421	Oversupply
5/21/2021 15:08	0:02	SSA2	0.042	1.886	Oversupply
5/21/2021 15:13	0:47	17-2	0.260	0.750	Oversupply
5/21/2021 15:14	0:44	BS250	Data is not available	Data is not available	Oversupply
5/21/2021 15:14	0:44	KWPPII	1.918	18.342	Oversupply
5/21/2021 15:14	0:44	SSA3	0.695	0.013	Oversupply
5/21/2021 15:14	0:44	SSA2	1.792	0.125	Oversupply
5/21/2021 15:58	0:02	SSA3	0.017	0.582	Oversupply
5/21/2021 15:58	0:02	SSA2	0.053	0.251	Oversupply
5/21/2021 21:58	0:32	KWPPII	4.010	20.626	Oversupply
5/21/2021 22:44	0:23	KWPPII	1.197	20.329	Oversupply
5/21/2021 23:16	0:01	KWPPII	0.010	19.493	Oversupply
5/21/2021 23:18	0:01	KWPPII	0.005	19.593	Oversupply
5/21/2021 23:20	0:01	KWPPII	0.002	19.952	Oversupply
5/21/2021 23:25	0:58	KWPPII	6.033	20.510	Oversupply
5/22/2021 0:24	0:01	KWPPII	0.002	14.850	Oversupply
5/22/2021 0:27	0:47	KWPPII	4.189	17.558	Oversupply
5/22/2021 1:17	2:54	KWPPII	25.677	18.209	Oversupply
5/22/2021 2:50	0:03	AWE	0.079	16.200	Oversupply
5/22/2021 4:01	0:01	AWE	0.004	16.500	Oversupply
5/22/2021 4:03	0:04	AWE	0.055	16.900	Oversupply
5/22/2021 4:13	1:58	KWPPII	19.826	20.389	Oversupply
5/22/2021 5:44	0:27	BS250	Data is not available	Data is not available	Oversupply
5/22/2021 6:00	0:18	SSA2	0.013	-0.001	Oversupply
5/22/2021 6:13	0:04	BS250	Data is not available	Data is not available	Oversupply
5/22/2021 6:13	0:04	KWPPII	0.023	19.577	Oversupply
5/22/2021 6:14	0:04	SSA3	0.007	0.001	Oversupply
5/22/2021 6:21	0:05	BS250	Data is not available	Data is not available	Oversupply
5/22/2021 6:21	0:05	KWPPII	0.122	19.150	Oversupply
5/22/2021 6:22	2:50	SSA3	2.760	0.002	Oversupply
5/22/2021 6:22	0:02	SSA2	0.002	0.002	Oversupply
5/22/2021 6:26	2:45	SSA2	2.209	0.047	Oversupply
5/22/2021 6:27	2:44	BS250	Data is not available	Data is not available	Oversupply
5/22/2021 6:27	2:44	KWPPII	28.881	20.091	Oversupply
5/22/2021 6:27	8:12	17-2	4.056	0.741	Oversupply
5/22/2021 8:33	0:11	AWE	0.203	17.600	Oversupply
5/22/2021 8:45	0:17	AWE	0.613	21.000	Oversupply
5/22/2021 9:05	0:01	AWE	0.007	19.100	Oversupply
5/22/2021 9:11	0:02	SSA2	0.053	1.043	Oversupply
5/22/2021 9:11	0:02	SSA3	0.060	0.852	Oversupply
5/22/2021 9:13	4:49	BS250	Data is not available	Data is not available	Oversupply
5/22/2021 9:13	4:09	KWPPII	32.001	15.344	Oversupply
5/22/2021 9:13	5:00	SSA2	13.414	0.836	Oversupply
5/22/2021 9:13	5:01	SSA3	13.232	0.045	Oversupply
5/22/2021 9:21	0:10	AWE	0.393	20.900	Oversupply
5/22/2021 9:33	1:36	AWE	6.554	21.000	Oversupply
5/22/2021 11:10	2:52	AWE	11.836	21.000	Oversupply
5/22/2021 13:25	0:12	KWPPII	0.182	2.055	Oversupply
5/22/2021 14:03	0:15	BS250	Data is not available	Data is not available	Oversupply
5/22/2021 14:03	0:15	AWE	0.358	21.000	Oversupply
5/22/2021 14:13	0:02	SSA2	0.091	0.016	Oversupply
5/22/2021 14:14	0:04	SSA3	0.149	0.004	Oversupply
5/22/2021 14:15	0:04	SSA2	0.155	0.028	Oversupply
5/22/2021 14:18	0:06	SSA3	0.210	0.096	Oversupply
5/22/2021 14:19	0:02	BS250	Data is not available	Data is not available	Oversupply
5/22/2021 14:19	0:01	AWE	0.002	21.000	Oversupply
5/22/2021 14:19	0:04	SSA2	0.155	0.035	Oversupply
5/22/2021 14:20	0:01	KWPPII	0.000	0.008	Oversupply
5/22/2021 14:23	0:02	SSA2	0.078	0.390	Oversupply
5/22/2021 14:24	0:02	SSA3	0.070	0.556	Oversupply
5/22/2021 14:25	0:02	SSA2	0.078	0.683	Oversupply
5/22/2021 14:26	0:02	SSA3	0.070	0.943	Oversupply
5/22/2021 14:27	0:02	SSA2	0.077	1.792	Oversupply
5/22/2021 14:28	0:04	SSA3	0.061	1.589	Oversupply
5/22/2021 14:29	0:02	SSA2	0.023	1.866	Oversupply
5/22/2021 14:31	0:02	SSA2	0.010	2.237	Oversupply
5/22/2021 14:32	0:02	SSA3	0.008	1.426	Oversupply
5/22/2021 14:33	0:02	SSA2	0.010	1.859	Oversupply
5/22/2021 14:35	0:02	SSA2	0.010	2.417	Oversupply
5/22/2021 14:36	0:02	SSA3	0.008	2.541	Oversupply
5/22/2021 14:37	0:02	SSA2	0.010	1.967	Oversupply
5/22/2021 14:40	0:01	17-2	0.010	0.741	Oversupply
5/23/2021 10:00	0:02	SSA3	0.006	2.495	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/23/2021 10:00	0:02	SSA2	0.003	1.334	Oversupply
5/23/2021 10:02	0:02	SSA3	0.006	1.256	Oversupply
5/23/2021 10:02	0:02	SSA2	0.003	0.273	Oversupply
5/23/2021 10:04	0:02	SSA2	0.003	1.383	Oversupply
5/23/2021 11:07	0:02	17-2	0.010	0.694	Oversupply
5/23/2021 11:10	0:56	17-2	0.228	0.750	Oversupply
5/23/2021 11:10	0:02	SSA3	0.020	2.476	Oversupply
5/23/2021 11:11	0:02	SSA2	0.013	0.944	Oversupply
5/23/2021 11:13	0:02	SSA3	0.021	0.330	Oversupply
5/23/2021 11:13	0:02	SSA2	0.018	0.313	Oversupply
5/23/2021 11:15	0:02	SSA3	0.077	2.165	Oversupply
5/23/2021 11:15	0:02	SSA2	0.067	1.145	Oversupply
5/23/2021 11:17	0:02	SSA3	0.078	2.247	Oversupply
5/23/2021 11:17	0:02	SSA2	0.067	1.172	Oversupply
5/23/2021 11:19	0:02	SSA3	0.078	0.573	Oversupply
5/23/2021 11:19	0:02	SSA2	0.067	0.103	Oversupply
5/23/2021 11:21	0:02	SSA3	0.078	0.002	Oversupply
5/23/2021 11:21	0:02	SSA2	0.067	0.067	Oversupply
5/23/2021 11:23	0:02	SSA3	0.078	0.086	Oversupply
5/23/2021 11:23	0:04	SSA2	0.134	0.112	Oversupply
5/23/2021 11:25	0:01	BS250	Data is not available	Data is not available	Oversupply
5/23/2021 11:25	0:02	SSA3	0.078	0.000	Oversupply
5/23/2021 11:27	0:02	SSA3	0.078	0.486	Oversupply
5/23/2021 11:27	0:02	SSA2	0.068	0.430	Oversupply
5/23/2021 11:29	0:02	SSA3	0.080	0.444	Oversupply
5/23/2021 11:29	0:02	SSA2	0.070	0.315	Oversupply
5/23/2021 11:31	0:02	SSA3	0.081	1.390	Oversupply
5/23/2021 11:31	0:02	SSA2	0.062	0.686	Oversupply
5/23/2021 11:33	0:02	SSA3	0.082	1.131	Oversupply
5/23/2021 11:33	0:02	SSA2	0.062	0.646	Oversupply
5/23/2021 11:35	0:02	SSA3	0.082	0.878	Oversupply
5/23/2021 11:35	0:02	SSA2	0.061	0.384	Oversupply
5/23/2021 11:36	0:03	BS250	Data is not available	Data is not available	Oversupply
5/23/2021 11:37	0:02	KWP11	0.005	0.552	Oversupply
5/23/2021 11:37	0:02	SSA3	0.082	0.017	Oversupply
5/23/2021 11:37	0:06	SSA2	0.185	0.019	Oversupply
5/23/2021 11:39	0:02	SSA3	0.082	0.004	Oversupply
5/23/2021 11:40	0:02	BS250	Data is not available	Data is not available	Oversupply
5/23/2021 11:40	0:02	KWP11	0.009	0.629	Oversupply
5/23/2021 11:41	0:02	SSA3	0.082	0.002	Oversupply
5/23/2021 11:43	0:02	SSA3	0.081	0.192	Oversupply
5/23/2021 11:43	0:02	SSA2	0.060	0.354	Oversupply
5/23/2021 11:45	0:02	SSA3	0.077	0.063	Oversupply
5/23/2021 11:45	0:02	SSA2	0.064	0.123	Oversupply
5/23/2021 11:47	0:02	SSA3	0.076	1.053	Oversupply
5/23/2021 11:47	0:02	SSA2	0.064	0.918	Oversupply
5/23/2021 11:49	0:02	SSA3	0.077	1.331	Oversupply
5/23/2021 11:49	0:02	SSA2	0.063	0.618	Oversupply
5/23/2021 11:50	0:02	BS250	Data is not available	Data is not available	Oversupply
5/23/2021 11:51	0:01	AWE	0.003	20.900	Oversupply
5/23/2021 11:51	0:01	KWP11	0.002	0.663	Oversupply
5/23/2021 11:51	0:02	SSA3	0.076	0.004	Oversupply
5/23/2021 11:51	0:02	SSA2	0.064	0.019	Oversupply
5/23/2021 11:53	0:02	SSA3	0.076	0.090	Oversupply
5/23/2021 11:53	0:02	SSA2	0.064	0.088	Oversupply
5/23/2021 11:55	0:02	SSA3	0.076	0.119	Oversupply
5/23/2021 11:55	0:02	SSA2	0.063	0.113	Oversupply
5/23/2021 11:57	0:02	SSA3	0.076	0.821	Oversupply
5/23/2021 11:57	0:02	SSA2	0.064	0.446	Oversupply
5/23/2021 11:59	0:02	SSA3	0.041	0.325	Oversupply
5/23/2021 11:59	0:02	SSA2	0.026	1.070	Oversupply
5/23/2021 12:01	0:02	SSA3	0.025	0.702	Oversupply
5/23/2021 12:01	0:02	SSA2	0.029	0.514	Oversupply
5/23/2021 12:03	0:02	SSA3	0.025	1.866	Oversupply
5/23/2021 12:03	0:02	SSA2	0.029	1.483	Oversupply
5/23/2021 12:05	0:02	SSA2	0.029	2.152	Oversupply
5/23/2021 12:08	0:16	17-2	0.062	0.458	Oversupply
5/23/2021 12:09	0:02	SSA3	0.025	2.406	Oversupply
5/23/2021 12:09	0:02	SSA2	0.029	1.870	Oversupply
5/23/2021 12:11	0:02	SSA3	0.025	2.372	Oversupply
5/23/2021 12:11	0:02	SSA2	0.029	2.485	Oversupply
5/23/2021 12:13	0:02	SSA3	0.025	2.815	Oversupply
5/23/2021 12:13	0:02	SSA2	0.038	1.355	Oversupply
5/23/2021 12:15	0:02	SSA3	0.025	2.512	Oversupply
5/23/2021 12:15	0:02	SSA2	0.034	1.936	Oversupply



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May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/23/2021 12:17	0:02	SSA3	0.025	2.190	Oversupply
5/23/2021 12:17	0:02	SSA2	0.034	1.825	Oversupply
5/23/2021 12:19	0:02	SSA3	0.025	2.227	Oversupply
5/23/2021 12:21	0:02	SSA3	0.025	1.412	Oversupply
5/23/2021 12:21	0:02	SSA2	0.034	0.646	Oversupply
5/23/2021 12:25	0:50	17-2	0.240	0.750	Oversupply
5/23/2021 12:25	0:02	SSA3	0.025	2.096	Oversupply
5/23/2021 12:25	0:02	SSA2	0.033	1.439	Oversupply
5/23/2021 12:27	0:02	SSA2	0.034	1.321	Oversupply
5/23/2021 12:27	0:02	SSA3	0.025	2.078	Oversupply
5/23/2021 12:29	0:02	SSA2	0.025	0.998	Oversupply
5/23/2021 12:29	0:02	SSA3	0.040	2.193	Oversupply
5/23/2021 12:31	0:02	SSA2	0.046	0.917	Oversupply
5/23/2021 12:31	0:02	SSA3	0.037	1.972	Oversupply
5/23/2021 12:33	0:02	SSA2	0.046	1.473	Oversupply
5/23/2021 12:33	0:02	SSA3	0.038	1.876	Oversupply
5/23/2021 12:35	0:02	SSA2	0.046	1.736	Oversupply
5/23/2021 12:35	0:02	SSA3	0.038	1.596	Oversupply
5/23/2021 12:37	0:02	SSA2	0.046	1.529	Oversupply
5/23/2021 12:37	0:02	SSA3	0.037	1.658	Oversupply
5/23/2021 12:39	0:02	SSA2	0.046	1.908	Oversupply
5/23/2021 12:39	0:02	SSA3	0.037	2.127	Oversupply
5/23/2021 12:41	0:02	SSA2	0.046	1.689	Oversupply
5/23/2021 12:41	0:02	SSA3	0.037	2.434	Oversupply
5/23/2021 12:43	0:02	SSA2	0.051	1.004	Oversupply
5/23/2021 12:43	0:02	SSA3	0.041	0.501	Oversupply
5/23/2021 12:45	0:02	SSA2	0.042	0.840	Oversupply
5/23/2021 12:45	0:02	SSA3	0.052	0.398	Oversupply
5/23/2021 12:47	0:02	SSA2	0.042	2.004	Oversupply
5/23/2021 12:47	0:02	SSA3	0.052	2.123	Oversupply
5/23/2021 12:49	0:02	SSA2	0.042	1.227	Oversupply
5/23/2021 12:49	0:02	SSA3	0.053	1.522	Oversupply
5/23/2021 12:51	0:02	SSA2	0.042	1.167	Oversupply
5/23/2021 12:51	0:02	SSA3	0.052	1.510	Oversupply
5/23/2021 12:53	0:02	SSA2	0.042	0.817	Oversupply
5/23/2021 12:53	0:02	SSA3	0.052	1.326	Oversupply
5/23/2021 12:55	0:02	SSA2	0.042	1.321	Oversupply
5/23/2021 12:55	0:02	SSA3	0.052	1.572	Oversupply
5/23/2021 12:57	0:02	SSA2	0.042	0.855	Oversupply
5/23/2021 12:58	0:02	SSA3	0.052	0.635	Oversupply
5/23/2021 12:59	0:02	SSA2	0.063	0.989	Oversupply
5/23/2021 13:00	0:02	SSA3	0.057	0.844	Oversupply
5/23/2021 13:01	0:02	SSA2	0.049	0.297	Oversupply
5/23/2021 13:02	0:02	SSA3	0.058	0.805	Oversupply
5/23/2021 13:03	0:02	SSA2	0.048	0.229	Oversupply
5/23/2021 13:04	0:01	BS250	Data is not available	Data is not available	Oversupply
5/23/2021 13:04	0:01	KWP11	0.006	3.392	Oversupply
5/23/2021 13:04	0:04	SSA3	0.114	0.063	Oversupply
5/23/2021 13:05	0:02	SSA2	0.049	0.237	Oversupply
5/23/2021 13:06	0:02	BS250	Data is not available	Data is not available	Oversupply
5/23/2021 13:06	0:02	KWP11	0.015	3.677	Oversupply
5/23/2021 13:07	0:02	SSA2	0.048	0.001	Oversupply
5/23/2021 13:08	0:02	SSA3	0.057	-0.004	Oversupply
5/23/2021 13:09	0:02	SSA2	0.049	0.107	Oversupply
5/23/2021 13:10	0:02	SSA3	0.057	0.034	Oversupply
5/23/2021 13:11	0:02	SSA2	0.049	0.110	Oversupply
5/23/2021 13:12	0:02	SSA3	0.057	0.125	Oversupply
5/23/2021 13:13	0:02	SSA2	0.018	0.939	Oversupply
5/23/2021 13:34	0:10	17-2	0.041	0.395	Oversupply
5/23/2021 13:34	0:02	SSA2	0.006	1.474	Oversupply
5/23/2021 13:36	0:02	SSA2	0.006	1.529	Oversupply
5/23/2021 13:36	0:02	SSA3	0.022	2.624	Oversupply
5/23/2021 13:38	0:02	SSA2	0.006	0.143	Oversupply
5/23/2021 13:38	0:02	SSA3	0.023	1.709	Oversupply
5/23/2021 13:40	0:02	SSA2	0.006	1.482	Oversupply
5/23/2021 13:40	0:02	SSA3	0.023	0.320	Oversupply
5/23/2021 13:42	0:02	SSA2	0.006	1.551	Oversupply
5/23/2021 13:42	0:02	SSA3	0.023	2.571	Oversupply
5/23/2021 19:43	0:01	KWP11	0.001	0.081	Oversupply
5/25/2021 17:51	0:01	KWP11	0.000	0.005	Oversupply
5/26/2021 4:59	0:26	KWP11	3.250	9.712	Oversupply
5/26/2021 5:00	0:01	AWE	0.003	8.700	Oversupply
5/26/2021 5:02	0:04	AWE	0.020	7.700	Oversupply
5/26/2021 5:07	0:06	AWE	0.016	7.300	Oversupply
5/26/2021 5:14	0:01	AWE	0.005	6.800	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/26/2021 5:28	0:50	KWP11	5.453	17.524	Oversupply
5/26/2021 5:44	0:34	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 5:58	0:20	SSA3	0.015	0.028	Oversupply
5/26/2021 5:59	0:20	SSA2	0.014	0.027	Oversupply
5/26/2021 6:25	1:07	SSA2	0.304	0.040	Oversupply
5/26/2021 6:26	1:06	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 6:26	1:09	17-2	0.150	0.281	Oversupply
5/26/2021 6:26	1:06	KWP11	6.312	18.904	Oversupply
5/26/2021 6:26	1:07	SSA3	0.332	0.005	Oversupply
5/26/2021 7:32	0:02	SSA2	0.009	0.130	Oversupply
5/26/2021 7:32	0:02	SSA3	0.009	0.137	Oversupply
5/26/2021 7:34	0:02	SSA2	0.009	0.404	Oversupply
5/26/2021 7:44	0:41	17-2	0.186	0.565	Oversupply
5/26/2021 7:45	0:02	SSA3	0.030	0.274	Oversupply
5/26/2021 7:46	0:02	SSA2	0.027	0.288	Oversupply
5/26/2021 7:47	0:02	SSA3	0.030	0.203	Oversupply
5/26/2021 7:48	0:02	SSA2	0.027	0.391	Oversupply
5/26/2021 7:49	0:02	SSA3	0.031	0.012	Oversupply
5/26/2021 7:50	0:03	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 7:50	0:03	KWP11	0.041	9.833	Oversupply
5/26/2021 7:50	0:06	SSA2	0.082	0.020	Oversupply
5/26/2021 7:51	0:02	SSA3	0.030	0.010	Oversupply
5/26/2021 7:53	0:02	SSA3	0.030	-0.002	Oversupply
5/26/2021 7:54	0:02	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 7:54	0:02	KWP11	0.019	8.908	Oversupply
5/26/2021 7:55	0:16	SSA3	0.303	-0.002	Oversupply
5/26/2021 7:56	0:02	SSA2	0.027	0.291	Oversupply
5/26/2021 7:57	0:16	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 7:57	0:16	KWP11	0.571	10.421	Oversupply
5/26/2021 7:58	0:22	SSA2	0.270	0.003	Oversupply
5/26/2021 8:11	0:02	SSA3	0.042	0.005	Oversupply
5/26/2021 8:13	0:02	SSA3	0.041	-0.002	Oversupply
5/26/2021 8:15	0:06	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 8:15	0:06	KWP11	0.159	12.258	Oversupply
5/26/2021 8:15	0:06	SSA3	0.099	-0.002	Oversupply
5/26/2021 8:20	0:02	SSA2	0.008	0.001	Oversupply
5/26/2021 8:21	0:02	SSA3	0.033	-0.002	Oversupply
5/26/2021 8:22	0:02	SSA2	0.008	0.322	Oversupply
5/26/2021 8:23	0:01	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 8:23	0:01	KWP11	0.007	10.313	Oversupply
5/26/2021 8:23	0:02	SSA3	0.033	0.118	Oversupply
5/26/2021 8:27	0:01	17-2	0.008	0.540	Oversupply
5/26/2021 8:27	0:02	SSA3	0.032	1.070	Oversupply
5/26/2021 8:32	0:08	17-2	0.045	0.583	Oversupply
5/26/2021 8:32	0:02	SSA2	0.019	0.466	Oversupply
5/26/2021 8:33	0:02	SSA3	0.027	0.800	Oversupply
5/26/2021 8:34	0:02	SSA2	0.019	0.123	Oversupply
5/26/2021 8:35	0:02	SSA3	0.027	0.050	Oversupply
5/26/2021 8:36	0:01	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 8:36	0:01	KWP11	0.013	12.805	Oversupply
5/26/2021 8:36	0:02	SSA2	0.019	0.143	Oversupply
5/26/2021 8:37	0:02	SSA3	0.027	0.120	Oversupply
5/26/2021 8:38	0:02	SSA2	0.019	0.555	Oversupply
5/26/2021 8:39	0:02	SSA3	0.027	0.105	Oversupply
5/26/2021 8:40	0:02	SSA2	0.019	1.358	Oversupply
5/26/2021 8:41	0:04	17-2	0.012	0.432	Oversupply
5/26/2021 8:41	0:02	SSA3	0.027	0.206	Oversupply
5/26/2021 8:42	0:02	SSA2	0.019	0.496	Oversupply
5/26/2021 8:47	4:19	17-2	2.205	0.750	Oversupply
5/26/2021 8:47	0:02	SSA3	0.039	1.726	Oversupply
5/26/2021 8:48	0:02	SSA2	0.028	1.230	Oversupply
5/26/2021 8:49	0:07	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 8:49	0:07	KWP11	0.167	13.782	Oversupply
5/26/2021 8:49	0:06	SSA3	0.118	0.015	Oversupply
5/26/2021 8:50	0:06	SSA2	0.084	0.002	Oversupply
5/26/2021 8:55	0:02	SSA3	0.039	0.010	Oversupply
5/26/2021 8:56	0:02	SSA2	0.028	0.397	Oversupply
5/26/2021 8:57	0:02	SSA3	0.039	0.632	Oversupply
5/26/2021 8:59	0:02	SSA3	0.041	1.134	Oversupply
5/26/2021 9:00	0:02	SSA2	0.033	0.200	Oversupply
5/26/2021 9:03	0:02	SSA3	0.047	1.248	Oversupply
5/26/2021 9:04	0:02	SSA2	0.034	0.226	Oversupply
5/26/2021 9:06	0:02	SSA2	0.033	0.607	Oversupply
5/26/2021 9:07	0:08	SSA3	0.175	0.016	Oversupply
5/26/2021 9:08	0:03	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
5/26/2021 9:08	0:03	KWP11	0.045	9.773	Oversupply
5/26/2021 9:08	0:06	SSA2	0.100	0.034	Oversupply
5/26/2021 9:12	0:03	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 9:12	0:03	KWP11	0.076	10.068	Oversupply
5/26/2021 9:14	0:02	SSA2	0.031	0.021	Oversupply
5/26/2021 9:24	0:02	SSA2	0.008	0.534	Oversupply
5/26/2021 9:25	0:02	SSA3	0.028	0.227	Oversupply
5/26/2021 9:26	0:02	SSA2	0.008	0.115	Oversupply
5/26/2021 9:27	0:33	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 9:27	0:33	KWP11	2.598	10.763	Oversupply
5/26/2021 9:27	0:32	SSA3	0.821	0.025	Oversupply
5/26/2021 9:28	1:29	SSA2	1.789	0.004	Oversupply
5/26/2021 9:51	0:01	AWE	0.001	20.400	Oversupply
5/26/2021 10:00	0:02	SSA3	0.083	-0.003	Oversupply
5/26/2021 10:01	0:05	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 10:01	0:05	KWP11	0.134	4.753	Oversupply
5/26/2021 10:02	0:04	SSA3	0.166	0.005	Oversupply
5/26/2021 10:06	0:02	SSA3	0.083	-0.004	Oversupply
5/26/2021 10:07	0:50	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 10:08	0:49	KWP11	2.165	4.498	Oversupply
5/26/2021 10:08	0:48	SSA3	1.980	0.017	Oversupply
5/26/2021 10:24	0:01	AWE	0.004	18.700	Oversupply
5/26/2021 10:26	0:04	AWE	0.033	18.700	Oversupply
5/26/2021 10:31	0:09	AWE	0.124	18.400	Oversupply
5/26/2021 10:41	0:11	AWE	0.335	19.800	Oversupply
5/26/2021 10:53	0:01	AWE	0.004	18.300	Oversupply
5/26/2021 10:56	0:02	SSA3	0.090	0.020	Oversupply
5/26/2021 10:57	0:02	SSA2	0.038	0.225	Oversupply
5/26/2021 10:58	0:02	SSA3	0.088	1.290	Oversupply
5/26/2021 10:59	0:02	SSA2	0.027	0.505	Oversupply
5/26/2021 11:00	0:02	SSA3	0.084	0.193	Oversupply
5/26/2021 11:01	0:04	SSA2	0.117	0.097	Oversupply
5/26/2021 11:02	0:03	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 11:02	0:03	KWP11	0.105	3.094	Oversupply
5/26/2021 11:02	0:04	SSA3	0.169	0.003	Oversupply
5/26/2021 11:05	0:02	SSA2	0.058	0.190	Oversupply
5/26/2021 11:06	0:02	SSA3	0.085	-0.004	Oversupply
5/26/2021 11:07	0:02	SSA2	0.058	0.855	Oversupply
5/26/2021 11:08	0:02	SSA3	0.084	0.251	Oversupply
5/26/2021 11:09	0:02	SSA2	0.058	1.194	Oversupply
5/26/2021 11:10	0:02	SSA3	0.084	2.182	Oversupply
5/26/2021 11:11	0:02	SSA2	0.058	0.885	Oversupply
5/26/2021 11:12	0:02	SSA3	0.084	0.739	Oversupply
5/26/2021 11:13	0:02	SSA2	0.062	0.251	Oversupply
5/26/2021 11:14	0:02	SSA3	0.088	0.733	Oversupply
5/26/2021 11:15	0:02	SSA2	0.057	0.386	Oversupply
5/26/2021 11:16	0:02	SSA3	0.088	1.205	Oversupply
5/26/2021 11:17	0:02	SSA2	0.058	0.042	Oversupply
5/26/2021 11:18	0:01	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 11:18	0:01	KWP11	0.003	0.200	Oversupply
5/26/2021 11:18	0:04	SSA3	0.177	-0.003	Oversupply
5/26/2021 11:19	0:02	SSA2	0.058	0.009	Oversupply
5/26/2021 11:21	0:02	SSA2	0.058	0.060	Oversupply
5/26/2021 11:22	0:02	SSA3	0.088	-0.004	Oversupply
5/26/2021 11:23	0:01	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 11:23	0:01	AWE	0.003	19.100	Oversupply
5/26/2021 11:23	0:02	SSA2	0.057	0.075	Oversupply
5/26/2021 11:24	0:02	SSA3	0.088	0.213	Oversupply
5/26/2021 11:25	0:02	SSA2	0.058	0.179	Oversupply
5/26/2021 11:26	0:02	SSA3	0.088	0.122	Oversupply
5/26/2021 11:27	0:02	SSA2	0.058	0.222	Oversupply
5/26/2021 11:29	0:02	SSA3	0.076	0.455	Oversupply
5/26/2021 11:29	0:02	SSA2	0.040	0.116	Oversupply
5/26/2021 11:31	0:02	SSA3	0.058	0.023	Oversupply
5/26/2021 11:31	0:02	SSA2	0.066	0.225	Oversupply
5/26/2021 11:33	0:02	SSA3	0.058	0.137	Oversupply
5/26/2021 11:33	0:02	SSA2	0.067	0.104	Oversupply
5/26/2021 11:35	0:02	SSA3	0.058	0.697	Oversupply
5/26/2021 11:35	0:02	SSA2	0.066	0.937	Oversupply
5/26/2021 11:37	0:02	SSA3	0.058	0.680	Oversupply
5/26/2021 11:37	0:02	SSA2	0.067	0.791	Oversupply
5/26/2021 11:39	0:02	SSA3	0.058	1.196	Oversupply
5/26/2021 11:39	0:02	SSA2	0.067	1.009	Oversupply
5/26/2021 11:41	0:02	SSA3	0.058	0.379	Oversupply
5/26/2021 11:41	0:02	SSA2	0.067	1.408	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/26/2021 11:43	0:02	SSA3	0.060	2.003	Oversupply
5/26/2021 11:45	0:02	SSA3	0.091	1.584	Oversupply
5/26/2021 11:45	0:02	SSA2	0.094	0.028	Oversupply
5/26/2021 11:46	0:02	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 11:46	0:02	AWE	0.038	17.900	Oversupply
5/26/2021 11:47	0:02	SSA3	0.091	-0.004	Oversupply
5/26/2021 11:47	0:02	SSA2	0.095	0.006	Oversupply
5/26/2021 11:49	0:04	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 11:49	0:04	AWE	0.051	17.800	Oversupply
5/26/2021 11:49	0:04	SSA3	0.182	-0.003	Oversupply
5/26/2021 11:49	0:04	SSA2	0.191	0.007	Oversupply
5/26/2021 11:53	0:02	SSA3	0.090	-0.003	Oversupply
5/26/2021 11:53	0:02	SSA2	0.095	0.005	Oversupply
5/26/2021 11:55	0:02	SSA3	0.092	-0.004	Oversupply
5/26/2021 11:55	0:02	SSA2	0.094	0.027	Oversupply
5/26/2021 11:57	0:04	SSA3	0.181	-0.004	Oversupply
5/26/2021 11:57	0:02	SSA2	0.095	0.044	Oversupply
5/26/2021 11:58	0:03	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 11:58	0:02	AWE	0.006	16.200	Oversupply
5/26/2021 11:59	0:06	SSA2	0.285	0.005	Oversupply
5/26/2021 12:01	0:02	SSA3	0.072	-0.003	Oversupply
5/26/2021 12:02	0:04	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 12:02	0:04	AWE	0.079	18.300	Oversupply
5/26/2021 12:03	0:04	SSA3	0.145	-0.003	Oversupply
5/26/2021 12:05	0:02	SSA2	0.095	0.004	Oversupply
5/26/2021 12:07	0:01	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 12:07	0:02	SSA3	0.072	0.002	Oversupply
5/26/2021 12:08	0:02	SSA2	0.095	0.077	Oversupply
5/26/2021 12:09	0:01	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 12:09	0:01	AWE	0.003	16.900	Oversupply
5/26/2021 12:09	0:02	SSA3	0.072	0.028	Oversupply
5/26/2021 12:10	0:12	SSA2	0.566	0.011	Oversupply
5/26/2021 12:11	0:11	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 12:11	0:11	AWE	0.161	17.500	Oversupply
5/26/2021 12:11	0:10	SSA3	0.434	0.003	Oversupply
5/26/2021 12:21	0:02	SSA3	0.096	-0.003	Oversupply
5/26/2021 12:22	0:02	SSA2	0.093	0.595	Oversupply
5/26/2021 12:23	0:01	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 12:23	0:01	AWE	0.006	18.500	Oversupply
5/26/2021 12:23	0:16	SSA3	0.774	-0.003	Oversupply
5/26/2021 12:24	0:02	SSA2	0.094	0.072	Oversupply
5/26/2021 12:25	0:14	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 12:25	0:14	AWE	0.433	19.100	Oversupply
5/26/2021 12:26	0:14	SSA2	0.669	0.000	Oversupply
5/26/2021 12:39	0:04	SSA3	0.192	-0.003	Oversupply
5/26/2021 12:40	0:02	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 12:40	0:02	SSA2	0.096	0.008	Oversupply
5/26/2021 12:41	0:01	AWE	0.012	18.300	Oversupply
5/26/2021 12:42	0:04	SSA2	0.188	0.015	Oversupply
5/26/2021 12:43	0:03	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 12:43	0:03	AWE	0.049	17.900	Oversupply
5/26/2021 12:43	0:04	SSA3	0.184	0.001	Oversupply
5/26/2021 12:46	0:02	SSA2	0.088	0.057	Oversupply
5/26/2021 12:47	0:01	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 12:47	0:01	AWE	0.001	16.800	Oversupply
5/26/2021 12:47	0:02	SSA3	0.090	-0.004	Oversupply
5/26/2021 12:48	0:02	SSA2	0.088	0.170	Oversupply
5/26/2021 12:49	0:02	SSA3	0.090	-0.003	Oversupply
5/26/2021 12:50	0:02	SSA2	0.088	0.197	Oversupply
5/26/2021 12:51	0:02	SSA3	0.090	0.547	Oversupply
5/26/2021 12:52	0:02	SSA2	0.088	0.223	Oversupply
5/26/2021 12:53	0:02	SSA3	0.090	0.298	Oversupply
5/26/2021 12:54	0:02	SSA2	0.088	0.390	Oversupply
5/26/2021 12:55	0:02	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 12:55	0:02	AWE	0.006	17.400	Oversupply
5/26/2021 12:55	0:02	SSA3	0.090	0.128	Oversupply
5/26/2021 12:56	0:02	SSA2	0.088	0.126	Oversupply
5/26/2021 12:57	0:02	SSA3	0.090	0.053	Oversupply
5/26/2021 12:58	0:02	SSA2	0.078	0.202	Oversupply
5/26/2021 12:59	0:02	SSA3	0.029	0.109	Oversupply
5/26/2021 13:00	0:02	SSA2	0.028	0.508	Oversupply
5/26/2021 13:01	0:02	SSA3	0.023	1.337	Oversupply
5/26/2021 13:09	0:06	17-2	0.051	0.744	Oversupply
5/26/2021 13:09	0:02	SSA3	0.023	1.652	Oversupply
5/26/2021 13:10	0:02	SSA2	0.028	1.617	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/26/2021 13:17	0:03	17-2	0.028	0.744	Oversupply
5/26/2021 13:17	0:02	SSA3	0.029	2.909	Oversupply
5/26/2021 13:18	0:02	SSA2	0.027	2.818	Oversupply
5/26/2021 13:21	0:43	17-2	0.398	0.744	Oversupply
5/26/2021 13:22	0:02	SSA3	0.030	2.665	Oversupply
5/26/2021 13:22	0:02	SSA2	0.027	2.377	Oversupply
5/26/2021 13:24	0:02	SSA3	0.029	1.827	Oversupply
5/26/2021 13:24	0:02	SSA2	0.026	1.598	Oversupply
5/26/2021 13:26	0:02	SSA3	0.029	1.417	Oversupply
5/26/2021 13:26	0:02	SSA2	0.027	1.090	Oversupply
5/26/2021 13:28	0:02	SSA3	0.033	1.147	Oversupply
5/26/2021 13:28	0:02	SSA2	0.039	1.342	Oversupply
5/26/2021 13:30	0:02	SSA3	0.078	1.293	Oversupply
5/26/2021 13:30	0:02	SSA2	0.075	0.997	Oversupply
5/26/2021 13:32	0:02	SSA3	0.079	1.572	Oversupply
5/26/2021 13:32	0:02	SSA2	0.075	1.339	Oversupply
5/26/2021 13:34	0:01	BS250	Data is not available	Data is not available	Oversupply
5/26/2021 13:34	0:01	AWE	0.002	19.500	Oversupply
5/26/2021 13:34	0:02	SSA3	0.080	0.184	Oversupply
5/26/2021 13:34	0:02	SSA2	0.075	0.031	Oversupply
5/26/2021 13:36	0:02	SSA3	0.080	0.120	Oversupply
5/26/2021 13:36	0:02	SSA2	0.075	0.406	Oversupply
5/26/2021 13:38	0:02	SSA3	0.078	0.148	Oversupply
5/26/2021 13:38	0:02	SSA2	0.075	0.562	Oversupply
5/26/2021 13:40	0:02	SSA3	0.079	0.121	Oversupply
5/26/2021 13:40	0:02	SSA2	0.075	0.384	Oversupply
5/26/2021 13:42	0:02	SSA3	0.079	0.847	Oversupply
5/26/2021 13:42	0:02	SSA2	0.074	0.426	Oversupply
5/26/2021 13:44	0:02	SSA3	0.058	1.098	Oversupply
5/26/2021 13:44	0:02	SSA2	0.054	1.040	Oversupply
5/26/2021 13:46	0:02	SSA3	0.044	0.767	Oversupply
5/26/2021 13:46	0:02	SSA2	0.049	1.107	Oversupply
5/26/2021 13:48	0:02	SSA3	0.043	1.391	Oversupply
5/26/2021 13:48	0:02	SSA2	0.049	1.733	Oversupply
5/26/2021 13:50	0:02	SSA3	0.044	0.211	Oversupply
5/26/2021 13:50	0:02	SSA2	0.049	0.283	Oversupply
5/26/2021 13:52	0:02	SSA3	0.044	0.730	Oversupply
5/26/2021 13:52	0:02	SSA2	0.049	1.186	Oversupply
5/26/2021 13:54	0:02	SSA3	0.044	1.592	Oversupply
5/26/2021 13:54	0:02	SSA2	0.050	1.721	Oversupply
5/26/2021 13:56	0:02	SSA2	0.049	1.692	Oversupply
5/26/2021 13:58	0:02	SSA3	0.037	1.784	Oversupply
5/26/2021 13:58	0:02	SSA2	0.032	2.290	Oversupply
5/26/2021 14:00	0:02	SSA3	0.003	2.707	Oversupply
5/26/2021 14:00	0:02	SSA2	0.002	2.668	Oversupply
5/27/2021 23:14	0:14	KWPPI	0.620	9.923	Oversupply
5/27/2021 23:31	1:31	KWPPI	10.417	16.348	Oversupply
5/28/2021 1:03	0:01	KWPPI	0.000	8.799	Oversupply
5/28/2021 1:05	0:01	KWPPI	0.015	9.835	Oversupply
5/28/2021 1:18	0:20	KWPPI	1.085	14.651	Oversupply
5/28/2021 2:21	0:01	KWPPI	0.005	14.546	Oversupply
5/28/2021 2:23	0:55	KWPPI	7.479	16.170	Oversupply
5/28/2021 2:53	0:02	AWE	0.003	6.300	Oversupply
5/28/2021 3:02	0:01	AWE	0.005	4.900	Oversupply
5/28/2021 3:06	0:02	AWE	0.015	5.600	Oversupply
5/28/2021 3:10	0:02	AWE	0.018	6.100	Oversupply
5/28/2021 3:20	2:31	KWPPI	16.805	18.420	Oversupply
5/28/2021 7:00	0:02	17-2	0.001	0.048	Oversupply
5/28/2021 7:03	0:04	SSA2	0.016	0.156	Oversupply
5/28/2021 7:04	0:06	17-2	0.013	0.201	Oversupply
5/28/2021 7:05	0:03	BS250	Data is not available	Data is not available	Oversupply
5/28/2021 7:05	0:03	KWPPI	0.039	17.612	Oversupply
5/28/2021 7:06	0:02	SSA3	0.010	0.005	Oversupply
5/28/2021 7:07	0:02	SSA2	0.008	-0.002	Oversupply
5/28/2021 7:08	0:02	SSA3	0.010	-0.002	Oversupply
5/28/2021 7:09	0:02	SSA2	0.008	0.065	Oversupply
5/28/2021 7:16	0:36	17-2	0.112	0.398	Oversupply
5/28/2021 7:17	0:02	SSA2	0.016	0.011	Oversupply
5/28/2021 7:18	0:30	BS250	Data is not available	Data is not available	Oversupply
5/28/2021 7:18	0:30	KWPPI	0.960	17.309	Oversupply
5/28/2021 7:18	0:02	SSA3	0.022	0.328	Oversupply
5/28/2021 7:19	0:28	SSA2	0.258	0.000	Oversupply
5/28/2021 7:20	0:26	SSA3	0.326	-0.002	Oversupply
5/28/2021 7:46	0:02	SSA3	0.013	-0.002	Oversupply
5/28/2021 7:48	0:02	SSA2	0.013	0.133	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/28/2021 7:48	0:02	SSA3	0.013	-0.002	Oversupply
5/28/2021 7:50	0:02	SSA2	0.013	0.032	Oversupply
5/28/2021 7:50	0:02	SSA3	0.013	0.094	Oversupply
5/28/2021 7:55	0:02	17-2	0.011	0.404	Oversupply
5/28/2021 9:06	0:01	17-2	0.002	0.661	Oversupply
5/28/2021 9:14	0:10	17-2	0.014	0.750	Oversupply
5/28/2021 9:25	0:03	17-2	0.010	0.750	Oversupply
5/28/2021 9:29	1:36	17-2	0.670	0.750	Oversupply
5/28/2021 9:30	0:02	SSA2	0.030	0.134	Oversupply
5/28/2021 9:31	0:02	SSA3	0.054	0.172	Oversupply
5/28/2021 9:32	0:02	SSA2	0.030	0.193	Oversupply
5/28/2021 9:33	0:01	BS250	Data is not available	Data is not available	Oversupply
5/28/2021 9:33	0:01	KWP11	0.006	5.645	Oversupply
5/28/2021 9:33	0:02	SSA3	0.054	0.032	Oversupply
5/28/2021 9:34	0:02	SSA2	0.030	0.035	Oversupply
5/28/2021 9:35	0:02	SSA3	0.053	-0.002	Oversupply
5/28/2021 9:36	0:02	SSA2	0.030	0.116	Oversupply
5/28/2021 9:37	0:02	SSA3	0.054	-0.002	Oversupply
5/28/2021 9:38	0:02	SSA2	0.030	0.052	Oversupply
5/28/2021 9:39	0:01	BS250	Data is not available	Data is not available	Oversupply
5/28/2021 9:39	0:01	KWP11	0.008	6.297	Oversupply
5/28/2021 9:39	0:02	SSA3	0.054	0.022	Oversupply
5/28/2021 9:40	0:02	SSA2	0.030	0.260	Oversupply
5/28/2021 9:44	0:02	SSA2	0.036	0.473	Oversupply
5/28/2021 9:45	0:02	SSA3	0.073	1.340	Oversupply
5/28/2021 9:46	0:02	SSA2	0.024	0.164	Oversupply
5/28/2021 9:47	0:01	BS250	Data is not available	Data is not available	Oversupply
5/28/2021 9:47	0:01	KWP11	0.003	4.823	Oversupply
5/28/2021 9:47	0:02	SSA3	0.073	0.343	Oversupply
5/28/2021 9:48	0:02	SSA2	0.024	0.011	Oversupply
5/28/2021 9:49	0:02	SSA3	0.073	0.440	Oversupply
5/28/2021 9:50	0:02	SSA2	0.024	0.054	Oversupply
5/28/2021 9:51	0:02	SSA3	0.073	0.171	Oversupply
5/28/2021 9:52	0:14	SSA2	0.264	0.011	Oversupply
5/28/2021 9:53	0:02	SSA3	0.073	-0.002	Oversupply
5/28/2021 9:55	0:12	BS250	Data is not available	Data is not available	Oversupply
5/28/2021 9:55	0:12	KWP11	0.277	7.456	Oversupply
5/28/2021 9:55	0:12	SSA3	0.422	-0.002	Oversupply
5/28/2021 10:07	0:02	SSA2	0.056	0.006	Oversupply
5/28/2021 10:07	0:02	SSA3	0.070	0.581	Oversupply
5/28/2021 10:09	0:02	SSA2	0.056	0.419	Oversupply
5/28/2021 10:09	0:02	SSA3	0.070	0.625	Oversupply
5/28/2021 10:11	0:02	SSA2	0.056	0.622	Oversupply
5/28/2021 10:11	0:02	SSA3	0.070	0.647	Oversupply
5/28/2021 10:13	0:02	SSA2	0.056	0.140	Oversupply
5/28/2021 10:13	0:02	SSA3	0.066	0.276	Oversupply
5/28/2021 10:15	0:02	SSA2	0.028	0.863	Oversupply
5/28/2021 10:15	0:02	SSA3	0.066	0.813	Oversupply
5/28/2021 10:17	0:03	BS250	Data is not available	Data is not available	Oversupply
5/28/2021 10:17	0:02	SSA2	0.029	0.237	Oversupply
5/28/2021 10:17	0:02	SSA3	0.066	0.071	Oversupply
5/28/2021 10:18	0:02	KWP11	0.014	6.191	Oversupply
5/28/2021 10:19	0:02	SSA2	0.029	0.040	Oversupply
5/28/2021 10:19	0:02	SSA3	0.065	0.014	Oversupply
5/28/2021 10:21	0:02	SSA2	0.028	0.057	Oversupply
5/28/2021 10:21	0:02	SSA3	0.066	0.114	Oversupply
5/28/2021 10:23	0:02	SSA2	0.029	0.066	Oversupply
5/28/2021 10:23	0:02	SSA3	0.066	0.183	Oversupply
5/28/2021 10:25	0:02	SSA2	0.029	0.212	Oversupply
5/28/2021 10:25	0:02	SSA3	0.066	0.666	Oversupply
5/28/2021 10:27	0:02	SSA2	0.028	0.390	Oversupply
5/28/2021 10:27	0:02	SSA3	0.066	1.036	Oversupply
5/28/2021 10:29	0:02	SSA2	0.032	0.715	Oversupply
5/28/2021 10:30	0:02	SSA3	0.074	1.288	Oversupply
5/28/2021 10:31	0:02	SSA2	0.061	0.261	Oversupply
5/28/2021 10:32	0:02	SSA3	0.074	1.732	Oversupply
5/28/2021 10:33	0:16	BS250	Data is not available	Data is not available	Oversupply
5/28/2021 10:33	0:16	KWP11	0.585	5.247	Oversupply
5/28/2021 10:33	0:16	SSA2	0.470	0.023	Oversupply
5/28/2021 10:34	0:16	SSA3	0.565	-0.004	Oversupply
5/28/2021 10:43	0:01	AWE	0.010	20.700	Oversupply
5/28/2021 10:49	0:02	SSA2	0.052	0.213	Oversupply
5/28/2021 10:50	0:02	SSA3	0.063	-0.004	Oversupply
5/28/2021 10:51	0:02	SSA2	0.052	0.187	Oversupply
5/28/2021 10:52	0:02	SSA3	0.063	0.003	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/28/2021 10:53	0:02	SSA2	0.051	0.006	Oversupply
5/28/2021 10:54	0:01	BS250	Data is not available	Data is not available	Oversupply
5/28/2021 10:54	0:01	KWPIL	0.003	5.490	Oversupply
5/28/2021 10:54	0:02	SSA3	0.063	0.166	Oversupply
5/28/2021 10:55	0:02	SSA2	0.052	0.019	Oversupply
5/28/2021 10:56	0:02	SSA3	0.062	0.917	Oversupply
5/28/2021 10:57	0:02	SSA2	0.052	0.130	Oversupply
5/28/2021 10:58	0:02	SSA3	0.059	1.430	Oversupply
5/28/2021 10:59	0:02	SSA2	0.023	0.415	Oversupply
5/28/2021 11:00	0:02	SSA3	0.014	0.383	Oversupply
5/28/2021 11:01	0:02	SSA2	0.012	1.333	Oversupply
5/28/2021 11:02	0:02	SSA3	0.014	1.442	Oversupply
5/28/2021 11:03	0:02	SSA2	0.012	1.275	Oversupply
5/28/2021 11:08	0:16	17-2	0.072	0.750	Oversupply
5/28/2021 11:14	0:02	SSA3	0.017	0.667	Oversupply
5/28/2021 11:15	0:02	SSA2	0.058	0.036	Oversupply
5/28/2021 11:16	0:02	SSA3	0.039	0.172	Oversupply
5/28/2021 11:20	0:02	SSA3	0.039	1.660	Oversupply
5/28/2021 11:22	0:02	SSA3	0.039	1.249	Oversupply
5/28/2021 11:23	0:02	SSA2	0.057	2.243	Oversupply
5/28/2021 11:25	1:14	17-2	0.600	0.750	Oversupply
5/28/2021 11:25	0:02	SSA2	0.058	0.848	Oversupply
5/28/2021 11:26	0:02	SSA3	0.039	0.377	Oversupply
5/28/2021 11:27	0:02	SSA2	0.057	1.473	Oversupply
5/28/2021 11:28	0:02	SSA3	0.044	1.728	Oversupply
5/28/2021 11:29	0:02	SSA2	0.079	1.455	Oversupply
5/28/2021 11:30	0:02	SSA3	0.068	1.618	Oversupply
5/28/2021 11:32	0:02	SSA3	0.068	1.831	Oversupply
5/28/2021 11:33	0:02	SSA2	0.045	0.681	Oversupply
5/28/2021 11:34	0:02	SSA3	0.068	2.526	Oversupply
5/28/2021 11:35	0:02	SSA2	0.045	0.277	Oversupply
5/28/2021 11:36	0:02	SSA3	0.068	0.789	Oversupply
5/28/2021 11:37	0:02	SSA2	0.045	0.033	Oversupply
5/28/2021 11:38	0:02	BS250	Data is not available	Data is not available	Oversupply
5/28/2021 11:38	0:02	KWPIL	0.002	6.476	Oversupply
5/28/2021 11:38	0:02	SSA3	0.068	0.014	Oversupply
5/28/2021 11:39	0:02	SSA2	0.045	0.020	Oversupply
5/28/2021 11:40	0:38	SSA3	1.751	-0.004	Oversupply
5/28/2021 11:41	0:37	BS250	Data is not available	Data is not available	Oversupply
5/28/2021 11:41	0:37	KWPIL	1.583	4.469	Oversupply
5/28/2021 11:41	0:36	SSA2	1.594	0.001	Oversupply
5/28/2021 11:43	0:08	AWE	0.127	17.900	Oversupply
5/28/2021 11:53	0:04	AWE	0.061	17.600	Oversupply
5/28/2021 11:58	0:02	AWE	0.027	16.500	Oversupply
5/28/2021 12:05	0:01	AWE	0.009	18.100	Oversupply
5/28/2021 12:07	0:01	AWE	0.000	18.300	Oversupply
5/28/2021 12:09	0:01	AWE	0.004	18.600	Oversupply
5/28/2021 12:16	0:01	AWE	0.008	21.000	Oversupply
5/28/2021 12:17	0:02	SSA2	0.076	0.019	Oversupply
5/28/2021 12:18	0:02	SSA3	0.086	-0.003	Oversupply
5/28/2021 12:19	0:02	SSA2	0.076	1.321	Oversupply
5/28/2021 12:20	0:02	SSA3	0.086	0.135	Oversupply
5/28/2021 12:21	0:02	SSA2	0.076	0.799	Oversupply
5/28/2021 12:22	0:02	SSA3	0.086	0.814	Oversupply
5/28/2021 12:23	0:02	SSA2	0.077	0.632	Oversupply
5/28/2021 12:24	0:02	SSA3	0.086	1.545	Oversupply
5/28/2021 12:25	0:02	SSA2	0.076	0.969	Oversupply
5/28/2021 12:26	0:02	SSA3	0.086	1.217	Oversupply
5/28/2021 12:27	0:02	SSA2	0.076	1.270	Oversupply
5/28/2021 12:29	0:02	SSA3	0.055	0.114	Oversupply
5/28/2021 12:29	0:02	BS250	Data is not available	Data is not available	Oversupply
5/28/2021 12:29	0:02	KWPIL	0.007	2.915	Oversupply
5/28/2021 12:29	0:02	SSA2	0.017	0.154	Oversupply
5/28/2021 12:31	0:02	SSA3	0.013	0.403	Oversupply
5/28/2021 12:31	0:02	SSA2	0.013	1.349	Oversupply
5/28/2021 12:33	0:02	SSA3	0.013	1.388	Oversupply
5/28/2021 12:33	0:02	SSA2	0.013	2.274	Oversupply
5/28/2021 12:35	0:02	SSA2	0.013	2.891	Oversupply
5/28/2021 12:45	0:01	17-2	0.003	0.533	Oversupply
5/28/2021 12:52	0:26	17-2	0.194	0.750	Oversupply
5/28/2021 12:52	0:02	SSA2	0.024	2.903	Oversupply
5/28/2021 12:53	0:02	SSA3	0.021	2.509	Oversupply
5/28/2021 12:54	0:02	SSA2	0.024	2.169	Oversupply
5/28/2021 12:55	0:02	SSA3	0.021	2.643	Oversupply
5/28/2021 12:56	0:02	SSA2	0.024	1.917	Oversupply



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/28/2021 12:57	0:02	SSA3	0.021	2.286	Oversupply
5/28/2021 12:58	0:02	SSA2	0.024	0.087	Oversupply
5/28/2021 12:59	0:02	SSA3	0.045	1.248	Oversupply
5/28/2021 13:00	0:02	SSA2	0.029	1.351	Oversupply
5/28/2021 13:01	0:02	SSA3	0.017	1.101	Oversupply
5/28/2021 13:02	0:02	SSA2	0.029	2.428	Oversupply
5/28/2021 13:04	0:02	SSA2	0.029	2.784	Oversupply
5/28/2021 13:05	0:02	SSA3	0.017	1.563	Oversupply
5/28/2021 13:06	0:02	SSA2	0.029	0.960	Oversupply
5/28/2021 13:07	0:04	SSA3	0.035	1.249	Oversupply
5/28/2021 13:08	0:02	SSA2	0.029	0.462	Oversupply
5/28/2021 13:10	0:02	SSA2	0.029	1.926	Oversupply
5/28/2021 13:11	0:02	SSA3	0.017	1.270	Oversupply
5/28/2021 13:13	0:02	SSA3	0.015	0.951	Oversupply
5/28/2021 13:14	0:02	SSA2	0.020	1.916	Oversupply
5/28/2021 13:15	0:02	SSA3	0.000	0.586	Oversupply
5/28/2021 13:19	0:08	17-2	0.057	0.750	Oversupply
5/28/2021 13:20	0:02	SSA2	0.014	2.892	Oversupply
5/28/2021 13:21	0:02	SSA3	0.000	1.575	Oversupply
5/28/2021 13:22	0:02	SSA2	0.014	0.379	Oversupply
5/28/2021 13:23	0:02	SSA3	0.000	1.418	Oversupply
5/28/2021 13:24	0:02	SSA2	0.014	1.648	Oversupply
5/28/2021 13:30	0:05	17-2	0.039	0.750	Oversupply
5/28/2021 13:31	0:02	SSA3	0.003	1.517	Oversupply
5/28/2021 13:32	0:02	SSA2	0.017	1.762	Oversupply
5/28/2021 13:33	0:02	SSA3	0.003	0.380	Oversupply
5/28/2021 13:34	0:02	SSA2	0.017	2.392	Oversupply
5/28/2021 13:36	0:07	17-2	0.052	0.750	Oversupply
5/28/2021 13:37	0:02	SSA3	0.003	1.418	Oversupply
5/28/2021 13:38	0:02	SSA2	0.017	1.509	Oversupply
5/28/2021 13:39	0:02	SSA3	0.003	0.821	Oversupply
5/28/2021 13:40	0:02	SSA2	0.017	2.054	Oversupply
5/28/2021 13:41	0:02	SSA3	0.003	1.029	Oversupply
5/28/2021 13:44	0:56	17-2	0.387	0.750	Oversupply
5/28/2021 13:45	0:02	SSA3	0.018	2.702	Oversupply
5/28/2021 13:47	0:02	SSA3	0.018	2.531	Oversupply
5/28/2021 13:48	0:02	SSA2	0.011	2.389	Oversupply
5/28/2021 13:49	0:02	SSA3	0.018	2.246	Oversupply
5/28/2021 13:52	0:02	SSA2	0.011	2.887	Oversupply
5/28/2021 13:53	0:02	SSA3	0.018	1.829	Oversupply
5/28/2021 13:55	0:02	SSA3	0.018	3.133	Oversupply
5/28/2021 13:56	0:02	SSA2	0.011	0.764	Oversupply
5/28/2021 13:57	0:02	SSA3	0.018	1.278	Oversupply
5/28/2021 13:58	0:02	SSA2	0.010	1.370	Oversupply
5/28/2021 13:59	0:02	SSA3	0.018	1.964	Oversupply
5/28/2021 14:00	0:02	SSA2	0.017	2.472	Oversupply
5/28/2021 14:01	0:02	SSA3	0.018	1.810	Oversupply
5/28/2021 14:02	0:02	SSA2	0.017	0.981	Oversupply
5/28/2021 14:03	0:02	SSA3	0.019	1.977	Oversupply
5/28/2021 14:04	0:02	SSA2	0.017	2.437	Oversupply
5/28/2021 14:05	0:02	SSA3	0.019	2.098	Oversupply
5/28/2021 14:06	0:02	SSA2	0.017	2.423	Oversupply
5/28/2021 14:07	0:02	SSA3	0.019	2.245	Oversupply
5/28/2021 14:08	0:02	SSA2	0.017	2.225	Oversupply
5/28/2021 14:14	0:02	SSA3	0.022	2.928	Oversupply
5/28/2021 14:14	0:02	SSA2	0.009	2.570	Oversupply
5/28/2021 14:16	0:02	SSA3	0.004	2.544	Oversupply
5/28/2021 14:16	0:02	SSA2	0.006	2.619	Oversupply
5/28/2021 14:22	0:02	SSA3	0.004	0.968	Oversupply
5/29/2021 8:56	0:01	KWPII	0.000	0.036	Oversupply
5/29/2021 10:16	0:01	17-2	0.004	0.387	Oversupply
5/29/2021 10:19	0:10	17-2	0.047	0.649	Oversupply
5/29/2021 10:22	0:02	SSA2	0.008	2.515	Oversupply
5/29/2021 10:24	0:02	SSA2	0.008	2.535	Oversupply
5/29/2021 10:24	0:02	SSA3	0.012	1.605	Oversupply
5/29/2021 10:25	0:01	KWPII	0.000	0.023	Oversupply
5/29/2021 10:26	0:02	SSA2	0.008	1.866	Oversupply
5/29/2021 10:26	0:02	SSA3	0.012	2.181	Oversupply
5/29/2021 10:28	0:02	SSA2	0.008	1.443	Oversupply
5/29/2021 10:28	0:02	SSA3	0.009	2.247	Oversupply
5/29/2021 11:10	0:01	17-2	0.003	0.750	Oversupply
5/30/2021 16:26	0:01	AWE	0.002	0.100	Oversupply
5/31/2021 9:48	0:02	SSA2	0.043	1.715	Oversupply
5/31/2021 9:49	0:02	SSA3	0.045	0.541	Oversupply
5/31/2021 9:50	0:02	SSA2	0.042	0.498	Oversupply



Maui Curtailment Report

May 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWh	Peak MW Curtailed	Reasons for Curtailment
5/31/2021 9:51	0:02	SSA3	0.045	0.323	Oversupply
5/31/2021 9:52	0:02	SSA2	0.043	0.770	Oversupply
5/31/2021 9:53	0:02	SSA3	0.045	1.227	Oversupply
5/31/2021 9:54	0:02	SSA2	0.043	0.538	Oversupply
5/31/2021 9:55	0:02	SSA3	0.044	0.519	Oversupply
5/31/2021 9:56	0:02	SSA2	0.043	1.331	Oversupply
5/31/2021 9:57	0:02	SSA3	0.044	0.961	Oversupply
5/31/2021 9:58	0:02	SSA2	0.040	0.420	Oversupply
5/31/2021 9:59	0:02	SSA3	0.040	0.174	Oversupply
5/31/2021 10:00	0:04	SSA2	0.083	0.026	Oversupply
5/31/2021 10:01	0:04	BS250	Data is not available	Data is not available	Oversupply
5/31/2021 10:01	0:04	KWP11	0.040	0.966	Oversupply
5/31/2021 10:01	0:04	SSA3	0.081	0.009	Oversupply
5/31/2021 10:02	0:01	AWE	0.000	19.200	Oversupply
5/31/2021 10:05	0:02	SSA2	0.041	-0.001	Oversupply
5/31/2021 10:05	0:02	SSA3	0.041	-0.003	Oversupply
5/31/2021 10:07	0:02	SSA2	0.041	0.409	Oversupply
5/31/2021 10:07	0:02	SSA3	0.041	0.346	Oversupply
5/31/2021 10:14	0:01	KWP11	0.000	0.026	Oversupply
5/31/2021 10:29	0:01	17-2	0.006	0.744	Oversupply
Total Estimated Curtailed MWh			5,813.372		

Notes:

- Curtailment for Kaheawa Wind Power ("KWP"), AAAAA Rent-A-Space Maui LTD ("5A"), Maui Solar, LLC (MS) fka Strategic Alliance Group ("SAG") fka Bioreal Solar, LLC ("BS"), Auwahi Wind Energy ("AWE"), Kaheawa Wind Power II ("KWPII") Bioreal Solar 250, LLC ("BS250"), Extra Spaces A ("ESA"), Extra Spaces B ("ESB"), 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, MS (fka 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, MS, BS 250, ESA, and ESB.
- The ESA, and ESB facilities were offline for the entire month of April 2021.
- The Estimated Curtailed MWh and Peak MW Curtailed are calculated with information estimated or provided by AWE, KWP, KWPII, SSA 2 (fka KS), SSA 3 (fka SMRR) and 17-2. Maui Electric does not make any representation as to its accuracy.
- BS250 System Constraint from 4/1/2021 to 4/20/2021 12:20 is due to a BS250 Facility Direct Transfer Trip equipment not functioning as required. The DTT was repaired and passed acceptance testing on 4/20/21 12:20.
- SSA 2 System Constraint from 4/1/2021 6:19 to 10:35 is due to work on the circuit, all load switched to back-up.
- SSA 3 Facility Requested 4/3/2021 to 4/6/2021 8:52 due to Seller communication issues.

Hawai'i Electric Light Company Curtailment Report May 2021

Start Date/Time	MW output prior to start of curtailment	End Date/Time	MW output after curtailment released ¹	IPP	Reason for Curtailment
05/15/21 12:29	0.4 MW	05/15/21 12:54	0.0 MW	TGUHI	Oversupply
05/15/21 12:31	17.3 MW	05/15/21 12:51	16.7 MW	Pakini Nui	Oversupply
05/16/21 03:23	13.5 MW	05/16/21 04:59	14.4 MW	Pakini Nui	Oversupply
05/16/21 09:28	0.1 MW	05/16/21 13:15	0.0 MW	TGUHI	Oversupply
05/16/21 09:29	16.4 MW	05/16/21 13:12	13.7 MW	Pakini Nui	Oversupply
05/16/21 10:12	8.4 MW	05/16/21 12:38	6.8 MW	Hawi Renew Dev	Oversupply

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

SERVICE LIST
(Docket No. 2011-0206)

DEAN NISHINA
EXECUTIVE DIRECTOR
DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS
DIVISION OF CONSUMER ADVOCACY
P.O. Box 541
Honolulu, HI 96809

1 Copy
Electronically Transmitted

GREGG J. KINKLEY, ESQ.
DEPARTMENT OF THE ATTORNEY GENERAL
425 Queen Street
Honolulu, Hawaii 96813
Counsel for DBEDT

1 Copy
Electronically Transmitted

DANIEL W.S. LAWRENCE, ESQ.
DEPARTMENT OF THE CORPORATION COUNSEL
CITY AND COUNTY OF HONOLULU
530 S. King Street, Room 110
Honolulu, HI 96813
Counsel for the CITY AND COUNTY OF HONOLULU

1 Copy
Electronically Transmitted

JOSEPH K. KAMELAMELA
ANGELIC M. HO
DEPARTMENT OF THE CORPORATION COUNSEL
COUNTY OF HAWAII
101 Aupuni Street, Suite 325
Hilo, HI 96720
Counsel for the COUNTY OF HAWAII

1 Copy
Electronically Transmitted

HENRY Q CURTIS
VICE PRESIDENT FOR CONSUMER ISSUES
LIFE OF THE LAND
P.O. Box 37158
Honolulu, HI 96837-0158

1 Copy
Electronically Transmitted

MELISSA MIYASHIRO (9360)
CHIEF OF STAFF
BLUE PLANET FOUNDATION
55 Merchant Street, 17th Floor
Honolulu, HI 96813

1 Copy
Electronically Transmitted

SERVICE LIST
(Docket No. 2011-0206)

ISAAC MORIWAKE, ESQ.
DAVID HENKIN, ESQ.
EARTHJUSTICE
850 Richards Street, Suite 400
Honolulu, HI 96813-4501
Counsel for HAWAII SOLAR ENERGY ASSOCIATION

1 Copy
Electronically Transmitted

RICK REED
DIRECTOR
HAWAII SOLAR ENERGY ASSOCIATION
761 Ahua Street
Honolulu, HI 96819

1 Copy
Electronically Transmitted

KENT D. MORIHARA, ESQ.
KRIS N. NAKAGAWA, ESQ.
LAUREN M. IMADA-LEE, ESQ.
TANYA M. FERNANDES, ESQ.
MoriHara Lau & Fong LLP
841 Bishop Street, Suite 400
Honolulu, Hawaii 96813
Counsel for KAUAI ISLAND UTILITY COOPERATIVE

1 Copy
Electronically Transmitted

ERIK W. KVAM
CHIEF EXECUTIVE OFFICER
ZERO EMISSIONS LEASING LLC
4188-4 Keanu Street
Honolulu, HI 96816

1 Copy
Electronically Transmitted

SANDRA-ANN Y.H. WONG, ESQ.
ATTORNEY AT LAW, A LAW CORPORATION
1050 Bishop Street, #514
Honolulu, HI 96813
Counsel for TAWHIRI POWER LLC

1 Copy
Electronically Transmitted

RILEY SAITO
73-1294 Awakea Street
Kailua-Kona, HI 96740
For SOLAR ENERGY INDUSTRIES ASSOCIATION

1 Copy
Electronically Transmitted

DEAN T. YAMAMOTO, ESQ.
YAMAMOTO & SETTLE
1100 Alakea Street, Suite 3100
Honolulu, HI 96813
Counsel for CASTLE & COOKE HOMES HAWAII, INC.,
CASTLE & COOKE RESORTS, LLC and
LANAI SUSTAINABILITY RESEARCH, LLC

1 Copy
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SERVICE LIST
(Docket No. 2011-0206)

MICHAEL J. HOPPER, ESQ. DEPUTY CORPORATION COUNSEL DEPARTMENT OF THE CORPORATION COUNSEL COUNTY OF MAUI 200 S. High Street Wailuku, HI 96793 Counsel for the COUNTY OF MAUI	1 Copy Electronically Transmitted
CURTIS SEYMOUR SENIOR MANAGER, GOVERNMENT AFFAIRS SUN EDISON LLC 600 Clipper Drive Belmont, CA 94002	1 Copy Electronically Transmitted
MONA W. CLARK, ESQ. OFFICE OF THE COUNTY ATTORNEY COUNTY OF KAUAI 4444 Rice Street, Suite 200 Lihue, HI 96766-1300	1 Copy Electronically Transmitted
BRADLEY ALBERT PRESIDENT HAWAII PV COALITION P.O. Box 81501 Haiku, HI 96708	1 Copy Electronically Transmitted
HILTON H. UNEMORI ECM, INC. 130 N. Market Street Wailuku, HI 96793-1716 For SOUTH MAUI RENEWABLE RESOURCES, LLC	1 Copy Electronically Transmitted
SKY STANFIELD SHUTE, MIHALY & WEINBERGER LLP 396 Hayes Street San Francisco, CA 94102 For the INTERSTATE RENEWABLE ENERGY COUNCIL	1 Copy Electronically Transmitted
PETE COOPER SOLARCITY CORPORATION REGIONAL DIRECTOR, HAWAII 599 Kahelu Street Mililani, HI 96789	1 Copy Electronically Transmitted

SERVICE LIST
(Docket No. 2011-0206)

ALISON SILVERSTEIN
19213 Luedtke Lane
Pflugerville, TX 78660

1 Copy
Electronically Transmitted

BRENDAN KIRBY
12011 SW Pineapple Court
Palm City, FL 34990

1 Copy
Electronically Transmitted

Chun, Marisa

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