



June 22, 2023

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 2023 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 Michael Chu at michael.chu@hawaiianelectric.com.

Sincerely,

/s/ Andrew Nojiri

for 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 December 31, 2022):

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 December 31, 2022):

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 under frequency load shed activations are provided in Attachment 4. Hawaiian Electric Company, Inc. and Maui Electric Company, Limited did not have any under frequency load shed activations for the month of November.

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 December 31, 2022):

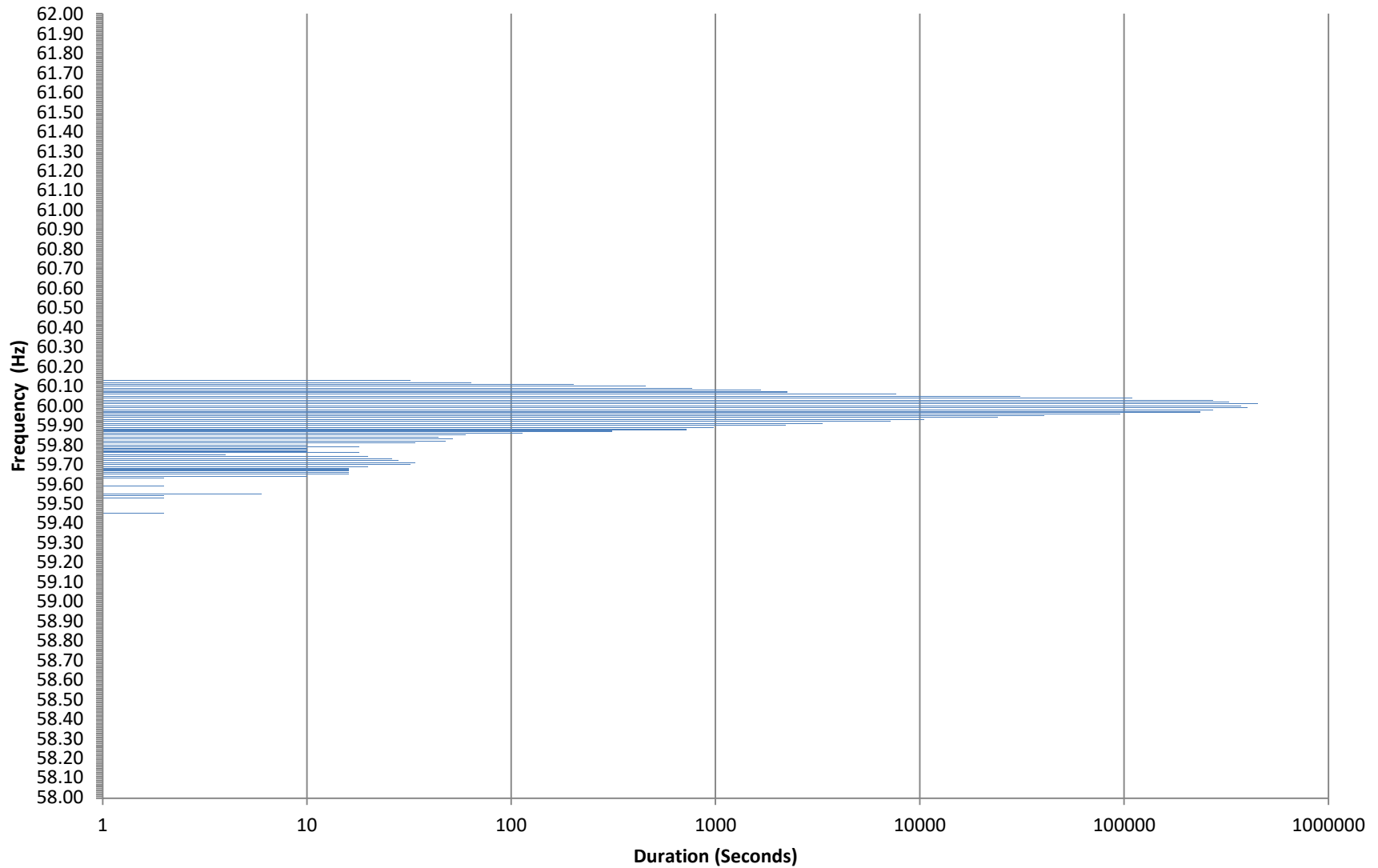
3a) Tabulation of each curtailment event for each resource including the starting date and time, duration, megawatt hours curtailed, peak MW curtailed, and reason for curtailment:

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

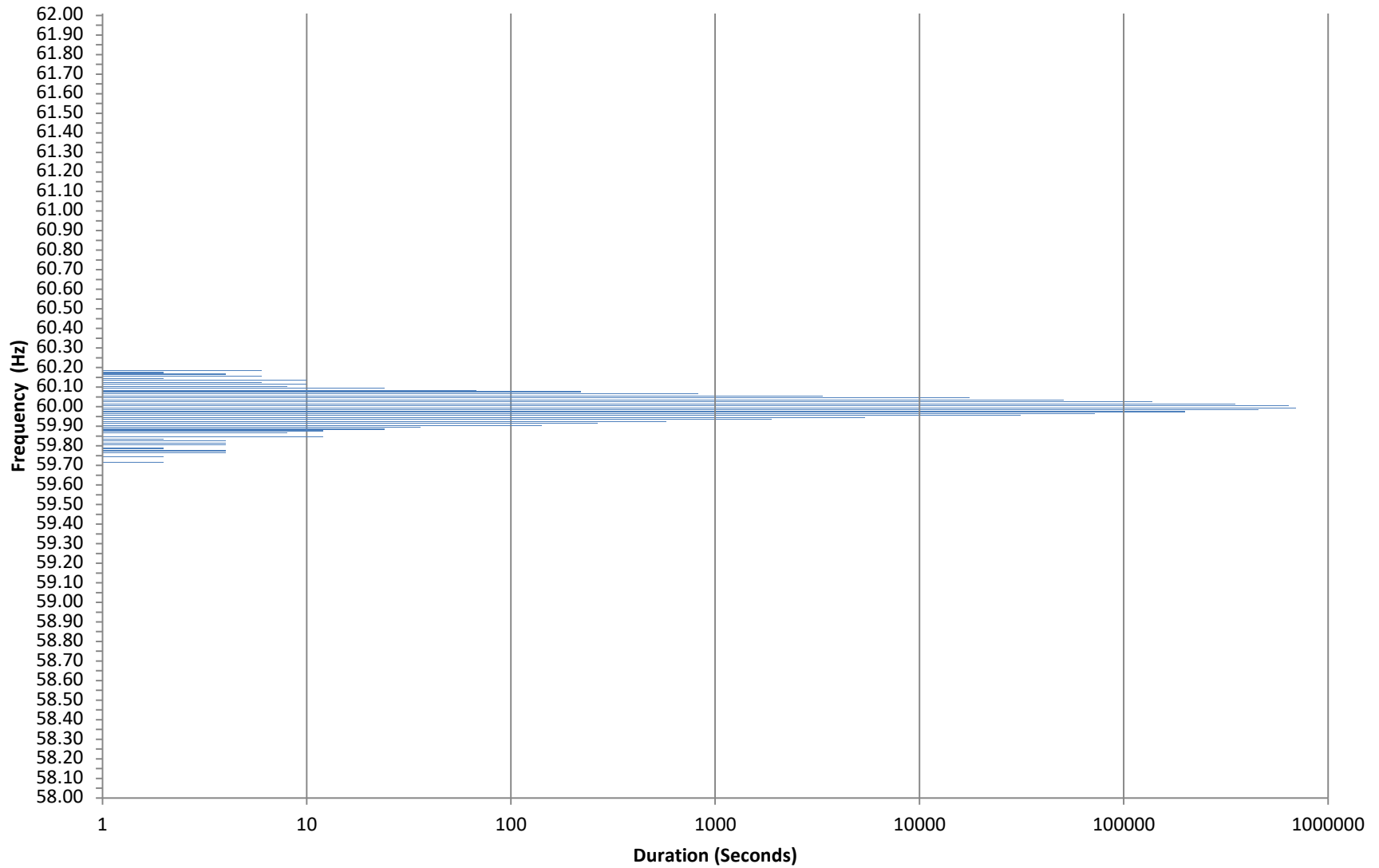
3b) Total MWh of non-dispatchable renewable resources curtailed for the month:

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.

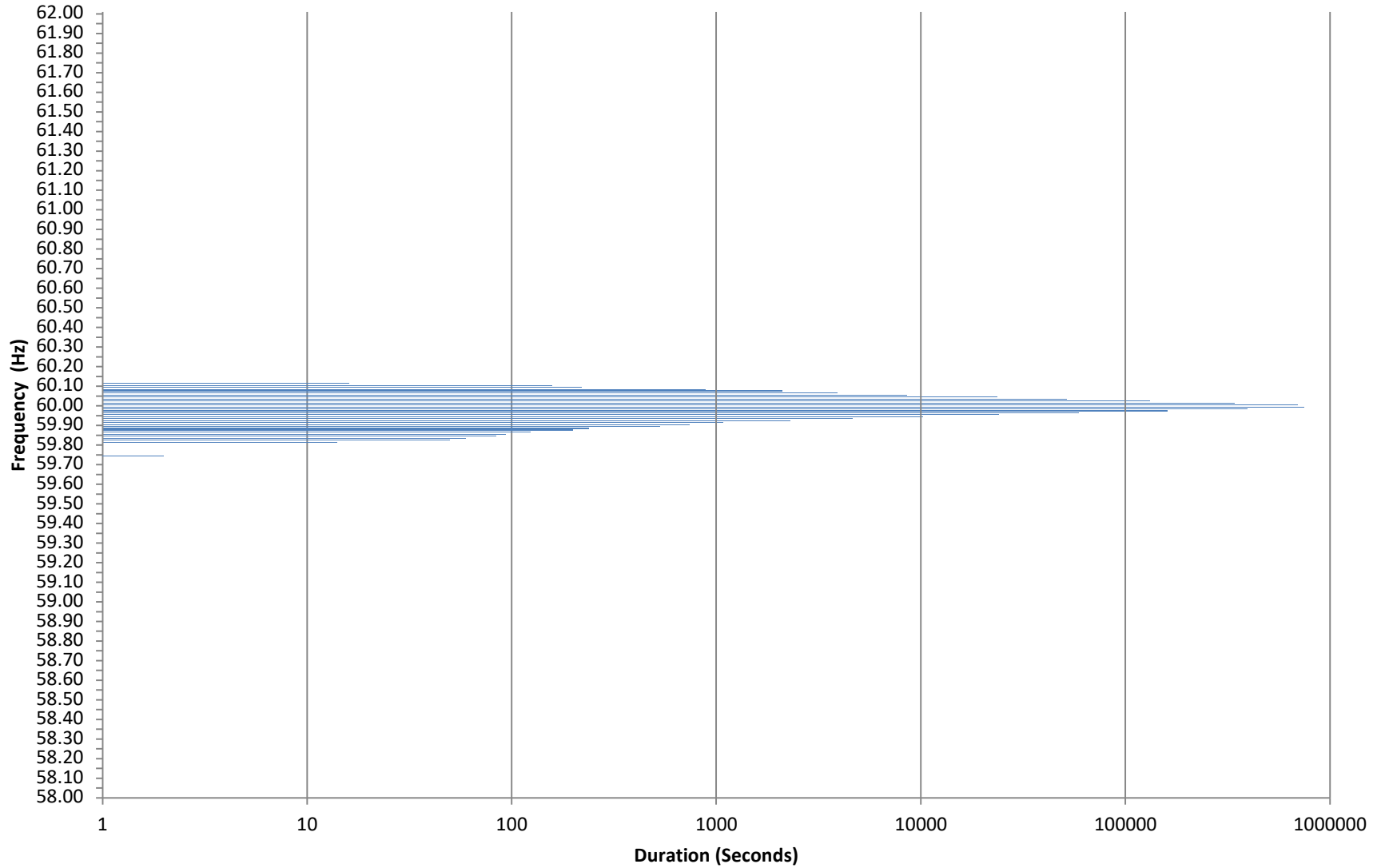
Frequency Distribution Plot - Hawaiian Electric May 2023



Frequency Distribution Plot - Hawai'i Island May 2023



Frequency Distribution Plot - Maui Electric Company, Limited May 2023



Hawaiian Electric Frequency Excursion Statistics May 2023		
Data Rounded to the nearest	<59.95 Hz	>60.05 Hz
Number of Excursions	5440	2499
Maximum Duration (sec)	670	818
Maximum Deviation (Hz)	59.449	60.134
Total Duration of Excursions (sec)	64634	20568

Hawai'i Island Frequency Excursion Statistics		
May 2023		
	<59.95 Hz	>60.05 Hz
Number of Excursions	4901	484
Maximum Duration (sec)	108	40
Maximum Deviation (Hz)	59.711	60.184
Total Duration of Excursions (sec)	23736	2224

Maui Electric Company, Limited Frequency Excursion Statistics May 2023		
	<59.95 Hz	>60.05 Hz
Number of Excursions	8297	781
Maximum Duration (sec)	830	202
Maximum Deviation (Hz)	59.737	60.107
Total Duration of Excursions (sec)	44588	7300

HAWAIIAN ELECTRIC COMPANY, INC.
CONTINGENCY RESERVE ACTIVATION EVENTS
May 2023

Event #	Date & Time	Frequency (Hz)			Spinning Reserve Shortfall (MW)	Duration (HH:MM)	Description
		Prior to Event	Nadir	Trigger			
1	5/11/2023 12:38	59.98	59.53	NA	0.00	0:00	Kahe 1 tripped offline while generating ~72 MW.
2	5/25/2023 10:50	59.95	59.45	NA	0.00	0:00	KPLP CT1 tripped offline while generating ~73 MW.

UNDERFREQUENCY LOADSHEDDING EVENTS
May 2023

Event #	IR #	Island	Date & Time	Frequency (Hz)			Load Shed (MW)	Duration (HH:MM)	Description
				Prior to Event	Nadir	Levels UFLS Occurred			
1	383	MOLOKAI	5/09/2023 07:48AM	60.00	56.348	58,57	2.225	2:09	Molokai unit 8 tripped causing the system frequency to dip and tripping circuit 111A and 110B from the UFLS scheme.
2	360	MOLOKAI	5/31/2023 02:27PM	60.00	57.339	58.00	0.487	1:36	Molokai unit 7 tripped causing the system frequency to dip and tripping circuit 111A from the UFLS scheme.

HAWAIIAN ELECTRIC COMPANY, INC.
DEMAND RESPONSE EVENTS
May 2023

Event #	Date & Time	Frequency (Hz)			Load Shed (MW)	Duration (HH:MM)	Description
		Prior to Event	Nadir	Trigger			
1	5/11/2023 12:38	59.98	59.53	59.70	NA	0:02	Kahe 1 tripped offline while generating ~72 MW. RDLC activated.
2	5/25/2023 10:50	59.95	59.45	59.70	NA	0:05	KPLP CT1 tripped offline while generating ~73 MW. RDLC/CIDLC activated.

Hawaiian Electric Company, Inc. Curtailment Report May 2023

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
05/01/23 06:23	0.0	0.00	05/01/23 07:45	0	*	WAIH N	System Constraints
05/01/23 06:24	0.0	0.00	05/01/23 07:45	0	*	WAIH S	System Constraints
05/01/23 23:06	0.0	0.00	05/01/23 23:29	0	*	WAIH N	System Constraints
05/01/23 23:07	0.0	0.00	05/01/23 23:29	0	*	WAIH S	System Constraints
05/01/23 23:08	0.0	0.00	05/01/23 23:28	0	*	KWMauka	System Constraints
05/01/23 23:08	0.0	0.00	05/01/23 23:28	0	*	KSMauka	System Constraints
05/02/23 06:04	0.0	0.00	05/02/23 06:27	0	*	WAIH N	System Constraints
05/02/23 06:05	0.0	0.00	05/02/23 06:27	0	*	WAIH S	System Constraints
05/02/23 18:30	0.0	0.00	05/02/23 19:14	0	*	WAIH N	System Constraints
05/02/23 18:30	0.0	0.00	05/02/23 19:15	0	*	WAIH S	System Constraints
05/02/23 18:32	0.0	0.00	05/02/23 19:14	0	*	KWMauka	System Constraints
05/02/23 18:32	0.0	0.00	05/02/23 19:14	0	*	KSMauka	System Constraints
05/03/23 06:01	0.0	0.00	05/03/23 06:10	0	*	Lani	System Constraints
05/03/23 06:52	0.0	0.00	05/03/23 07:05	0	*	WAIH N	System Constraints
05/03/23 06:52	0.0	0.00	05/03/23 07:05	0	*	WAIH S	System Constraints
05/03/23 20:04	0.0	28.80	05/03/23 20:40	0	*	KWMauka	System Constraints
05/03/23 20:07	0.0	0.00	05/03/23 20:41	0	*	KSMauka	System Constraints
05/03/23 20:19	0.0	0.00	05/03/23 20:41	0	*	WAIH N	System Constraints
05/03/23 20:19	0.0	0.00	05/03/23 20:42	0	*	WAIH S	System Constraints
05/04/23 05:44	0.0	0.00	05/04/23 06:22	0	*	Aloha2	System Constraints
05/04/23 18:29	0.0	0.00	05/04/23 19:32	0	*	Aloha2	System Constraints
05/05/23 05:51	0.0	0.00	05/05/23 07:35	0	*	KSMakai	System Constraints
05/05/23 05:51	0.0	0.00	05/05/23 17:50	0	*	KSMauka	System Constraints
05/05/23 05:52	0.0	0.00	05/05/23 07:41	0	*	MFO	System Constraints
05/05/23 06:06	0.0	19.90	05/05/23 07:37	0	*	KWF	System Constraints
05/05/23 06:08	0.0	6.00	05/05/23 07:39	0	*	KWMakai	System Constraints
05/05/23 06:08	0.0	19.10	05/05/23 17:34	0	*	KWMauka	System Constraints
05/05/23 06:12	0.0	0.00	05/05/23 07:16	0	*	Aloha2	System Constraints
05/05/23 16:02	0.0	16.50	05/05/23 17:41	0	*	KSMakai	System Constraints
05/05/23 16:03	0.0	1.50	05/05/23 17:27	0	*	MFO	System Constraints
05/05/23 16:19	0.0	21.00	05/05/23 17:24	0	*	KWF	System Constraints
05/05/23 16:25	0.0	5.90	05/05/23 17:43	0	*	KWMakai	System Constraints
05/05/23 17:51	0.0	0.40	05/05/23 19:06	0	*	Aloha2	System Constraints
05/05/23 20:49	0.0	0.00	05/05/23 21:28	0	*	KREP	System Constraints
05/05/23 20:51	0.0	0.00	05/05/23 21:29	0	*	Aloha2	System Constraints
05/05/23 20:53	0.0	0.00	05/05/23 21:49	0	0.00	WestL	System Constraints
05/06/23 06:44	0.0	0.90	05/06/23 07:45	0	*	KLS2	System Constraints
05/06/23 09:23	0.0	12.30	05/06/23 15:27	0	*	KSMakai	Oversupply
05/06/23 09:23	0.0	8.50	05/06/23 15:27	0	*	KSMauka	Oversupply
05/06/23 09:24	0.0	0.60	05/06/23 14:25	0	*	Aloha2	Oversupply
05/06/23 09:25	0.0	0.90	05/06/23 14:23	0	*	MFO	Oversupply
05/06/23 09:25	0.0	23.70	05/06/23 14:19	0	*	NPM	Oversupply
05/06/23 09:31	0.0	6.40	05/06/23 10:25	0	*	Lani	Oversupply
05/06/23 09:31	0.0	37.20	05/06/23 10:25	0	*	Waipio	Oversupply
05/06/23 12:20	0.0	14.60	05/06/23 13:58	0	*	Lani	Oversupply
05/06/23 12:20	0.0	31.80	05/06/23 13:58	0	*	Waipio	Oversupply
05/06/23 15:13	0.0	4.20	05/06/23 16:43	0	*	KLS2	System Constraints
05/07/23 09:46	0.0	5.20	05/07/23 15:25	0	*	KSMakai	Oversupply
05/07/23 09:46	0.0	7.10	05/07/23 15:26	0	*	KSMauka	Oversupply
05/07/23 11:01	0.0	0.60	05/07/23 14:17	0	*	Aloha2	Oversupply
05/07/23 11:01	0.0	3.30	05/07/23 14:16	0	*	MFO	Oversupply
05/07/23 11:01	0.0	23.60	05/07/23 14:14	0	*	NPM	Oversupply
05/07/23 11:31	0.0	6.40	05/07/23 14:01	0	*	Lani	Oversupply
05/07/23 11:31	0.0	34.60	05/07/23 14:01	0	*	Waipio	Oversupply
05/09/23 05:38	0.0	15.40	05/09/23 14:52	0	*	NPM	System Constraints
05/09/23 05:39	0.0	0.00	05/09/23 06:38	0	*	MFO	System Constraints
05/09/23 05:41	0.0	12.80	05/09/23 06:36	0	*	KWF	System Constraints
05/09/23 05:43	0.0	0.90	05/09/23 06:33	0	*	KWMakai	System Constraints
05/09/23 05:45	0.0	0.00	05/09/23 06:35	0	*	KSMakai	System Constraints
05/09/23 07:07	0.0	0.20	05/09/23 08:08	0	*	Aloha2	System Constraints

Hawaiian Electric Company, Inc. Curtailment Report May 2023

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
05/09/23 08:22	0.0	2.30	05/09/23 10:33	0	*	MFO	System Constraints
05/09/23 08:23	0.0	20.30	05/09/23 10:35	0	*	KWF	System Constraints
05/09/23 08:25	0.0	5.70	05/09/23 10:36	0	*	KWMakai	System Constraints
05/09/23 08:25	0.0	15.80	05/09/23 10:36	0	*	KWMauka	System Constraints
05/09/23 08:27	0.0	2.20	05/09/23 10:37	0	*	KSMakai	System Constraints
05/09/23 08:27	0.0	2.50	05/09/23 10:37	0	*	KSMauka	System Constraints
05/09/23 11:17	0.0	27.50	05/09/23 11:39	0	*	Waianae	System Constraints
05/09/23 13:51	0.0	0.10	05/09/23 17:36	0	*	Aloha2	System Constraints
05/09/23 14:09	0.0	2.10	05/09/23 14:51	0	*	MFO	System Constraints
05/09/23 14:13	0.0	15.80	05/09/23 14:47	0	*	KWF	System Constraints
05/09/23 14:14	0.0	8.70	05/09/23 14:48	0	*	KWMakai	System Constraints
05/09/23 14:16	0.0	12.50	05/09/23 14:49	0	*	KSMakai	System Constraints
05/09/23 22:30	0.0	14.10	05/09/23 23:16	0	*	KWF	System Constraints
05/09/23 22:42	0.0	7.10	05/09/23 23:16	0	*	KWMakai	System Constraints
05/09/23 22:43	0.0	14.30	05/09/23 23:17	0	*	KWMauka	System Constraints
05/09/23 22:44	0.0	0.00	05/09/23 23:15	0	*	MFO	System Constraints
05/09/23 22:52	0.0	0.00	05/09/23 23:19	0	*	KSMakai	System Constraints
05/09/23 22:52	0.0	0.00	05/09/23 23:19	0	*	KSMauka	System Constraints
05/10/23 06:11	0.0	0.00	05/10/23 06:37	0	*	KLS2	System Constraints
05/10/23 07:10	0.0	8.70	05/10/23 16:48	0	*	NPM	System Constraints
05/10/23 13:29	0.0	1.70	05/10/23 13:57	0	*	KLS2	System Constraints
05/11/23 07:15	0.0	0.30	05/11/23 20:12	0	*	MFO	System Constraints
05/11/23 07:17	0.0	4.20	05/11/23 20:10	0	*	KWF	System Constraints
05/11/23 07:23	0.0	0.60	05/11/23 20:23	0	*	KSMakai	System Constraints
05/11/23 07:23	0.0	0.30	05/11/23 09:21	0	*	KSMauka	System Constraints
05/11/23 07:31	0.0	0.00	05/11/23 20:18	0	*	KWMakai	System Constraints
05/11/23 07:31	0.0	0.00	05/11/23 09:23	0	*	KWMauka	System Constraints
05/11/23 18:53	0.0	1.70	05/11/23 20:17	0	*	KWMauka	System Constraints
05/11/23 18:54	0.0	0.00	05/11/23 20:24	0	*	KSMauka	System Constraints
05/12/23 15:39	0.0	9.80	05/12/23 16:08	0	*	Waianae	System Constraints
05/14/23 09:20	0.0	10.20	05/14/23 12:50	0	*	KSMauka	Oversupply
05/14/23 09:21	0.0	18.20	05/14/23 12:50	0	*	KSMakai	Oversupply
05/14/23 09:32	0.0	2.10	05/14/23 12:48	0	*	Aloha2	Oversupply
05/14/23 09:32	0.0	3.10	05/14/23 12:48	0	*	MFO	Oversupply
05/14/23 09:32	0.0	6.70	05/14/23 12:48	0	*	NPM	Oversupply
05/14/23 13:42	0.0	17.70	05/14/23 15:37	0	*	KSMakai	Oversupply
05/14/23 13:42	0.0	15.60	05/14/23 15:37	0	*	KSMauka	Oversupply
05/14/23 13:47	0.0	2.10	05/14/23 15:37	0	*	Aloha2	Oversupply
05/14/23 13:47	0.0	2.20	05/14/23 15:36	0	*	MFO	Oversupply
05/14/23 13:47	0.0	6.90	05/14/23 15:36	0	*	NPM	Oversupply
05/14/23 13:49	0.0	13.30	05/14/23 15:15	0	*	Lani	Oversupply
05/14/23 13:49	0.0	38.60	05/14/23 15:15	0	*	Waipio	Oversupply
05/15/23 06:00	0.0	0.00	05/15/23 08:30	0	*	MFO	System Constraints
05/15/23 06:04	0.0	4.40	05/15/23 08:23	0	*	KWF	System Constraints
05/15/23 06:07	0.0	0.50	05/15/23 08:24	0	*	KWMakai	System Constraints
05/15/23 06:07	0.0	7.20	05/15/23 18:07	0	*	KWMauka	System Constraints
05/15/23 06:12	0.0	0.00	05/15/23 08:21	0	*	KSMakai	System Constraints
05/15/23 06:13	0.0	0.00	05/15/23 16:55	0	*	KSMauka	System Constraints
05/15/23 06:35	0.0	14.90	05/15/23 17:10	0	*	NPM	System Constraints
05/15/23 15:00	0.0	3.10	05/15/23 16:56	0	*	MFO	System Constraints
05/15/23 15:05	0.0	6.10	05/15/23 16:46	0	*	KWMakai	System Constraints
05/15/23 15:06	0.0	16.90	05/15/23 16:53	0	*	KSMakai	System Constraints
05/15/23 15:09	0.0	2.80	05/15/23 16:43	0	*	KWF	System Constraints
05/16/23 06:49	0.0	0.40	05/16/23 15:31	0	*	NPM	System Constraints
05/17/23 12:42	0.0	12.70	05/17/23 12:56	0	*	KSMakai	Oversupply
05/17/23 12:42	0.0	13.40	05/17/23 12:56	0	*	KSMauka	Oversupply
05/17/23 13:25	0.0	16.90	05/17/23 13:51	0	*	KSMakai	System Constraints
05/17/23 13:25	0.0	24.30	05/17/23 13:38	0	*	KSMauka	System Constraints
05/21/23 12:29	0.0	21.20	05/21/23 14:50	0	*	KSMauka	Oversupply
05/22/23 16:48	0.0	0.00	05/24/23 16:18	0	253.53	WestL	System Constraints
05/23/23 07:03	0.0	3.50	05/23/23 07:38	0	*	NPM	System Constraints
05/23/23 08:06	0.0	18.00	05/23/23 15:39	0	*	Waianae	System Constraints
05/23/23 08:09	0.0	1.70	05/23/23 08:28	0	*	Aloha1	System Constraints

Hawaiian Electric Company, Inc. Curtailment Report May 2023

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
05/23/23 15:25	0.0	3.30	05/23/23 15:39	0	*	Aloha1	System Constraints
05/23/23 15:52	0.0	23.80	05/23/23 16:33	0	*	NPM	System Constraints
05/24/23 06:30	0.0	0.10	05/24/23 06:40	0	*	KREP	System Constraints
05/24/23 15:23	0.0	1.70	05/24/23 16:04	0	*	KREP	System Constraints
05/25/23 06:55	0.0	0.40	05/25/23 17:45	0	*	MFO	System Constraints
05/25/23 06:57	0.0	16.90	05/25/23 17:43	0	*	KWF	System Constraints
05/25/23 07:05	0.0	0.00	05/25/23 17:47	0	*	KWMakai	System Constraints
05/25/23 07:05	0.0	17.20	05/25/23 07:37	0	*	KWMauka	System Constraints
05/25/23 07:06	0.0	2.60	05/25/23 17:48	0	*	KSMakai	System Constraints
05/25/23 07:26	0.0	16.30	05/25/23 15:27	0	*	NPM	System Constraints
05/25/23 15:10	0.0	19.10	05/25/23 17:47	0	*	KWMauka	System Constraints
05/26/23 12:49	0.0	19.30	05/26/23 14:03	0	*	KSMakai	Oversupply
05/26/23 12:49	0.0	15.10	05/26/23 14:03	0	*	KSMauka	Oversupply
05/27/23 13:19	0.0	17.20	05/27/23 14:35	0	*	KSMakai	Oversupply
05/27/23 13:19	0.0	10.20	05/27/23 14:35	0	*	KSMauka	Oversupply
05/29/23 10:09	0.0	16.90	05/29/23 15:08	0	*	KSMauka	Oversupply
05/29/23 10:10	0.0	13.60	05/29/23 15:08	0	*	KSMakai	Oversupply
05/29/23 11:12	0.0	2.10	05/29/23 14:52	0	*	Aloha2	Oversupply
05/29/23 11:14	0.0	3.10	05/29/23 14:52	0	*	MFO	Oversupply
05/29/23 11:17	0.0	18.00	05/29/23 14:49	0	*	NPM	Oversupply
05/29/23 12:20	0.0	12.80	05/30/23 08:24	0	*	Lani	Oversupply
05/29/23 12:20	0.0	0.80	05/30/23 08:24	0	*	Waipio	Oversupply
05/29/23 12:35	0.0	15.70	05/29/23 14:42	0	32.49	WestL	Oversupply
05/29/23 12:40	0.0	16.20	05/29/23 14:23	0	*	Waianae	Oversupply
05/29/23 13:04	0.0	3.40	05/29/23 14:16	0	*	Aloha1	Oversupply
05/29/23 13:05	0.0	3.20	05/29/23 14:15	0	*	WAIH N	Oversupply
05/29/23 13:06	0.0	0.90	05/29/23 14:15	0	*	WAIH S	Oversupply
05/30/23 12:59	0.0	16.40	05/30/23 14:42	0	*	KSMauka	Oversupply

- Aloha1 = Aloha Solar Energy Fund I
- Aloha2 = Aloha Solar Energy Fund II
- KLS2 = Kalaeloa Solar Two
- KREP = Kalaeloa Renewable Energy Partners
- Kahuku WF = Kahuku Wind Power
- Lani = Lanikuhana Solar
- MFO = Mauka FIT One Solar
- NPM = Na Pua Makani Power Partners
- KSMakai = Kawaiiloa Solar Makai
- KSMauka = Kawaiiloa Solar Mauka
- KWMakai = Kawaiiloa Wind Makai
- KWMauka = Kawaiiloa Wind Mauka
- WAIH N = Waihonu North
- WAIH S = Waihonu South
- Waianae = EE Waianae Solar Project
- Waipio PV = 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.

Hawai'i Electric Light Company Curtailment Report May 2023

Start Date/Time	MW output prior to start of curtailment	End Date/Time	MW output after curtailment released ¹	IPP	Reason for Curtailment
05/04/23 11:40	0.8 MW	05/04/23 13:42	0.0 MW	TGUHI	Oversupply
05/04/23 11:46	18.7 MW	05/04/23 13:40	17.3 MW	Pakini Nui	Oversupply
05/04/23 12:11	0.0 MW	05/04/23 13:45	0.0 MW	West Hawaii Civic Center	Oversupply
05/05/23 10:02	19.1 MW	05/05/23 12:04	16.1 MW	Pakini Nui	Facility Requested
05/06/23 10:30	0.8 MW	05/06/23 13:59	0.0 MW	TGUHI	Oversupply
05/06/23 10:31	19.9 MW	05/06/23 13:58	17.2 MW	Pakini Nui	Oversupply
05/08/23 11:24	0.8 MW	05/08/23 13:44	0.0 MW	TGUHI	Oversupply
05/08/23 11:25	19.9 MW	05/08/23 13:43	19.2 MW	Pakini Nui	Oversupply
05/10/23 06:32	15.5 MW	05/10/23 07:55	15.3 MW	Pakini Nui	System Constraint
05/16/23 06:05	16.7 MW	05/16/23 07:26	10.1 MW	Pakini Nui	System Constraint
05/16/23 20:57	17.3 MW	05/17/23 05:12	12.3 MW	Pakini Nui	System Constraint
05/18/23 07:31	15.9 MW	05/18/23 21:17	16.2 MW	Pakini Nui	System Constraint
05/19/23 12:29	0.9 MW	05/19/23 14:01	0.0 MW	TGUHI	Oversupply
05/19/23 12:29	0.0 MW	05/19/23 13:58	0.0 MW	West Hawaii Civic Center	Oversupply
05/19/23 12:30	19.9 MW	05/19/23 13:51	18.9 MW	Pakini Nui	Oversupply
05/25/23 09:41	19.1 MW	05/25/23 11:13	0.0 MW	Pakini Nui	System Constraint

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.



Lanai Curtailment Report

May 2023

Start Date and Time	Duration (h:mm)	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
No curtailment for May 2023					
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.					
Facility Requested curtailment includes but is not limited to conditions that are attributed to IPPs such as communication problems and curtailment control testing.					



Maui Curtailment Report

May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/1/2023 7:27	1:07	AWE	7.47532	13.90000	Facility Requested
5/1/2023 11:46	0:10	17-2	0.10998	0.75000	Oversupply
5/1/2023 11:58	0:13	17-2	0.15879	0.75000	Oversupply
5/1/2023 13:00	0:20	17-2	0.23208	0.75000	Oversupply
5/1/2023 13:01	0:02	SSA3	0.05255	1.47300	Oversupply
5/1/2023 13:03	0:02	SSA3	0.05255	1.18200	Oversupply
5/1/2023 13:05	0:02	SSA3	0.05211	1.22500	Oversupply
5/1/2023 13:07	0:02	SSA3	0.05255	1.14900	Oversupply
5/1/2023 13:09	0:02	SSA3	0.05211	0.87400	Oversupply
5/1/2023 13:11	0:02	SSA3	0.05255	0.75600	Oversupply
5/1/2023 13:17	0:02	SSA3	0.03377	1.84700	Oversupply
5/1/2023 13:21	0:02	17-2	0.01748	0.75000	Oversupply
5/1/2023 13:28	0:01	17-2	0.00583	0.75000	Oversupply
5/1/2023 13:31	0:02	17-2	0.01012	0.75000	Oversupply
5/1/2023 13:34	0:02	SSA3	0.03369	1.81400	Oversupply
5/1/2023 13:35	0:01	17-2	0.01250	0.75000	Oversupply
5/1/2023 13:42	0:02	17-2	0.00655	0.75000	Oversupply
5/1/2023 13:48	0:02	17-2	0.00719	0.75000	Oversupply
5/1/2023 14:04	0:02	17-2	0.01032	0.32300	Oversupply
5/1/2023 14:07	0:07	17-2	0.04621	0.75000	Oversupply
5/1/2023 14:49	0:03	17-2	0.02091	0.75000	Oversupply
5/1/2023 14:55	0:01	17-2	0.01250	0.75000	Oversupply
5/1/2023 14:58	0:03	17-2	0.01441	0.67800	Oversupply
5/2/2023 9:44	0:09	17-2	0.08418	0.75000	Oversupply
5/2/2023 9:47	0:05	BS250	Data is not available	Data is not available	Oversupply
5/2/2023 9:47	0:04	SSA3	0.07908	1.39700	Oversupply
5/2/2023 10:36	0:53	17-2	0.65208	0.75000	Oversupply
5/2/2023 10:47	0:02	SSA3	0.04366	1.73900	Oversupply
5/2/2023 10:49	0:02	SSA3	0.04402	1.43700	Oversupply
5/2/2023 10:51	0:02	SSA3	0.04402	1.42000	Oversupply
5/2/2023 10:53	0:02	SSA3	0.04330	1.24800	Oversupply
5/2/2023 10:55	0:02	SSA3	0.04547	1.22100	Oversupply
5/2/2023 10:58	0:02	SSA3	0.04390	0.71200	Oversupply
5/2/2023 11:00	0:02	SSA3	0.07077	1.69600	Oversupply
5/2/2023 11:02	0:02	SSA3	0.07194	0.60900	Oversupply
5/2/2023 11:04	0:02	SSA3	0.07077	0.31800	Oversupply
5/2/2023 11:06	0:04	BS250	Data is not available	Data is not available	Oversupply
5/2/2023 11:06	0:04	SSA3	0.14388	0.01500	Oversupply
5/2/2023 11:07	0:03	KWP11	0.01123	3.33317	System Constraint
5/2/2023 11:10	0:02	SSA3	0.07077	0.65800	Oversupply
5/2/2023 11:12	0:02	SSA3	0.07077	1.07800	Oversupply
5/2/2023 11:14	0:02	SSA3	0.04622	1.78300	Oversupply
5/2/2023 11:24	0:02	SSA3	0.03357	1.83000	Oversupply
5/2/2023 11:26	0:02	SSA3	0.03385	1.83300	Oversupply
5/3/2023 9:41	0:03	17-2	0.01927	0.75000	Oversupply
5/3/2023 9:53	0:36	17-2	0.43777	0.75000	Oversupply
5/3/2023 9:56	0:02	SSA3	0.04020	1.07300	Oversupply
5/3/2023 9:57	0:14	5A	Data is not available	Data is not available	Oversupply
5/3/2023 9:57	0:14	MS	Data is not available	Data is not available	Oversupply
5/3/2023 9:57	0:21	BS250	Data is not available	Data is not available	Oversupply
5/3/2023 9:58	0:19	KWP11	0.44705	2.49090	Oversupply
5/3/2023 9:58	0:20	SSA3	0.70886	0.00800	Oversupply
5/3/2023 10:14	0:01	5A	Data is not available	Data is not available	Oversupply
5/3/2023 10:14	0:01	MS	Data is not available	Data is not available	Oversupply
5/3/2023 10:18	0:02	SSA3	0.04682	0.57000	Oversupply
5/3/2023 10:20	0:02	SSA3	0.04644	1.16500	Oversupply
5/3/2023 10:22	0:02	SSA3	0.04606	1.48900	Oversupply
5/3/2023 10:24	0:02	SSA3	0.04682	1.60700	Oversupply
5/3/2023 10:26	0:02	SSA3	0.04644	1.61100	Oversupply
5/3/2023 10:30	0:02	17-2	0.02500	0.75000	Oversupply
5/3/2023 10:30	0:02	SSA3	0.03174	1.63900	Oversupply
5/3/2023 10:58	0:36	17-2	0.39172	0.75000	Oversupply
5/3/2023 11:21	0:02	SSA3	0.04071	1.61500	Oversupply
5/3/2023 11:23	0:02	SSA3	0.04071	1.74400	Oversupply
5/3/2023 11:25	0:02	SSA3	0.04005	1.42400	Oversupply
5/3/2023 11:27	0:02	SSA3	0.04005	1.24200	Oversupply
5/3/2023 11:29	0:02	SSA3	0.03571	1.83200	Oversupply
5/3/2023 11:31	0:02	SSA3	0.03402	1.83800	Oversupply
5/3/2023 11:35	0:01	17-2	0.00300	0.75000	Oversupply
5/3/2023 12:22	0:05	17-2	0.03180	0.75000	Oversupply
5/3/2023 12:28	0:04	17-2	0.04573	0.75000	Oversupply
5/3/2023 13:14	0:53	17-2	0.60854	0.75000	Oversupply
5/3/2023 13:22	0:02	SSA3	0.05061	1.64100	Oversupply
5/3/2023 13:24	0:02	SSA3	0.05061	1.36000	Oversupply
5/3/2023 13:26	0:02	SSA3	0.05061	0.77300	Oversupply



Maui Curtailment Report

May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/3/2023 13:28	0:02	SSA3	0.05153	1.10100	Oversupply
5/3/2023 13:30	0:02	SSA3	0.05245	0.80000	Oversupply
5/3/2023 13:32	0:02	SSA3	0.05289	1.60800	Oversupply
5/3/2023 13:34	0:02	SSA3	0.05289	0.87300	Oversupply
5/3/2023 13:36	0:02	SSA3	0.05289	1.44600	Oversupply
5/3/2023 13:38	0:02	SSA3	0.05289	1.04700	Oversupply
5/3/2023 13:40	0:02	SSA3	0.05289	0.73000	Oversupply
5/3/2023 13:42	0:02	SSA3	0.05289	1.11100	Oversupply
5/3/2023 13:44	0:02	SSA3	0.04560	1.66700	Oversupply
5/3/2023 13:46	0:02	SSA3	0.04011	1.31900	Oversupply
5/3/2023 13:48	0:02	SSA3	0.04011	1.55500	Oversupply
5/3/2023 13:50	0:02	SSA3	0.04011	1.76900	Oversupply
5/3/2023 13:52	0:02	SSA3	0.04111	1.15900	Oversupply
5/3/2023 13:54	0:02	SSA3	0.04011	1.72900	Oversupply
5/3/2023 13:56	0:02	SSA3	0.04045	1.10100	Oversupply
5/3/2023 13:58	0:02	SSA3	0.03865	1.72000	Oversupply
5/3/2023 14:00	0:02	SSA3	0.03117	1.74200	Oversupply
5/3/2023 14:02	0:02	SSA3	0.03091	1.75500	Oversupply
5/3/2023 14:12	0:01	17-2	0.00368	0.75000	Oversupply
5/3/2023 15:15	0:01	KWP/II	0.00070	0.04191	Oversupply
5/3/2023 15:53	0:01	KWP/II	0.00093	0.05589	Oversupply
5/3/2023 23:59	2:46	KWP/II	12.80946	19.58188	Oversupply
5/4/2023 3:08	0:01	KWP/II	0.00193	18.58392	Oversupply
5/4/2023 3:45	1:35	KWP/II	6.55101	19.57090	Oversupply
5/4/2023 5:21	0:01	KWP/II	0.00750	19.35335	Oversupply
5/4/2023 5:23	0:01	KWP/II	0.00064	18.82443	Oversupply
5/4/2023 5:28	0:04	KWP/II	0.02795	19.57190	Oversupply
5/4/2023 5:33	0:04	KWP/II	0.02532	19.53897	Oversupply
5/4/2023 5:38	0:01	KWP/II	0.00654	19.46811	Oversupply
5/4/2023 5:45	0:01	BS250	Data is not available	Data is not available	Oversupply
5/4/2023 7:00	0:08	17-2	0.01267	0.10300	Oversupply
5/4/2023 7:00	0:02	SSA3	0.00926	0.12800	Oversupply
5/4/2023 7:01	0:01	KWP/II	0.00021	19.57888	Oversupply
5/4/2023 7:02	0:01	BS250	Data is not available	Data is not available	Oversupply
5/4/2023 7:02	0:02	SSA3	0.00941	0.01900	Oversupply
5/4/2023 7:04	0:02	BS250	Data is not available	Data is not available	Oversupply
5/4/2023 7:04	0:01	KWP/II	0.00172	19.57888	Oversupply
5/4/2023 7:04	0:02	SSA3	0.00926	0.00300	Oversupply
5/4/2023 7:06	0:02	SSA3	0.00964	0.14200	Oversupply
5/4/2023 7:13	0:01	17-2	0.00130	0.08100	Oversupply
5/4/2023 7:21	0:02	17-2	0.00163	0.05200	Oversupply
5/4/2023 9:05	0:02	SSA3	0.04003	1.21000	Oversupply
5/4/2023 9:07	6:51	17-2	4.75122	0.75000	Oversupply
5/4/2023 9:07	0:02	SSA3	0.03970	0.28000	Oversupply
5/4/2023 9:09	0:02	SSA3	0.04036	0.63500	Oversupply
5/4/2023 9:10	0:01	BS250	Data is not available	Data is not available	Oversupply
5/4/2023 9:11	0:01	KWP/II	0.00132	11.50443	Oversupply
5/4/2023 9:11	0:02	SSA3	0.04003	0.22000	Oversupply
5/4/2023 9:14	6:31	BS250	Data is not available	Data is not available	Oversupply
5/4/2023 9:14	6:34	SSA3	15.90957	0.01500	Oversupply
5/4/2023 9:15	6:58	KWP/II	101.61596	19.49805	System Constraint
5/4/2023 9:24	0:03	5A	Data is not available	Data is not available	Oversupply
5/4/2023 9:24	0:03	MS	Data is not available	Data is not available	Oversupply
5/4/2023 9:26	0:01	KWP	0.00267	20.72000	Oversupply
5/4/2023 9:28	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 9:28	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 9:31	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 9:31	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 9:36	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 9:36	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 9:38	0:03	5A	Data is not available	Data is not available	Oversupply
5/4/2023 9:38	0:03	MS	Data is not available	Data is not available	Oversupply
5/4/2023 9:42	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 9:42	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 9:43	0:01	KWP	0.00533	20.40000	Oversupply
5/4/2023 9:44	0:03	5A	Data is not available	Data is not available	Oversupply
5/4/2023 9:44	0:03	MS	Data is not available	Data is not available	Oversupply
5/4/2023 9:49	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 9:49	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 9:52	0:04	5A	Data is not available	Data is not available	Oversupply
5/4/2023 9:52	0:04	MS	Data is not available	Data is not available	Oversupply
5/4/2023 9:57	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 9:57	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 10:00	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 10:00	0:01	MS	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/4/2023 10:03	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 10:03	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 10:22	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 10:22	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 10:24	0:05	5A	Data is not available	Data is not available	Oversupply
5/4/2023 10:24	0:05	MS	Data is not available	Data is not available	Oversupply
5/4/2023 10:26	0:01	KWP	0.00267	21.20000	Oversupply
5/4/2023 10:29	0:01	KWP	0.00533	18.48000	Oversupply
5/4/2023 10:31	0:03	5A	Data is not available	Data is not available	Oversupply
5/4/2023 10:31	0:03	MS	Data is not available	Data is not available	Oversupply
5/4/2023 10:32	0:02	KWP	0.00320	17.84000	Oversupply
5/4/2023 10:37	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 10:37	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 10:46	0:09	5A	Data is not available	Data is not available	Oversupply
5/4/2023 10:46	0:09	MS	Data is not available	Data is not available	Oversupply
5/4/2023 10:50	0:01	KWP	0.00267	17.68000	Oversupply
5/4/2023 10:52	0:02	KWP	0.00800	15.60000	Oversupply
5/4/2023 10:56	0:08	5A	Data is not available	Data is not available	Oversupply
5/4/2023 10:56	0:08	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:05	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:05	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:08	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:08	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:10	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:10	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:12	0:04	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:12	0:04	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:18	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:18	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:20	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:20	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:22	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:22	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:25	0:04	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:25	0:04	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:30	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:30	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:32	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:32	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:35	0:07	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:35	0:07	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:39	0:01	KWP	0.00533	2.48000	Oversupply
5/4/2023 11:43	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:43	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:45	0:04	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:45	0:04	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:47	0:01	KWP	0.00533	2.32000	Oversupply
5/4/2023 11:49	0:01	KWP	0.00267	2.48000	Oversupply
5/4/2023 11:50	0:04	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:50	0:04	MS	Data is not available	Data is not available	Oversupply
5/4/2023 11:55	0:04	5A	Data is not available	Data is not available	Oversupply
5/4/2023 11:55	0:04	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:00	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:00	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:03	0:04	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:03	0:04	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:03	0:01	KWP	0.00241	1.84000	Oversupply
5/4/2023 12:07	0:01	KWP	0.00267	1.36000	Oversupply
5/4/2023 12:08	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:08	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:10	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:10	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:10	0:01	KWP	0.00267	1.52000	Oversupply
5/4/2023 12:12	0:02	KWP	0.00642	1.52000	Oversupply
5/4/2023 12:13	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:13	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:15	0:01	KWP	0.00267	1.68000	Oversupply
5/4/2023 12:16	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:16	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:18	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:18	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:20	0:01	KWP	0.00533	1.36000	Oversupply
5/4/2023 12:21	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:21	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:23	0:01	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/4/2023 12:23	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:25	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:25	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:25	0:01	KWP	0.00220	1.36000	Oversupply
5/4/2023 12:28	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:28	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:30	0:10	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:30	0:10	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:31	0:10	KWP	0.01704	0.88000	Oversupply
5/4/2023 12:41	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:41	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:44	0:04	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:44	0:04	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:44	0:01	KWP	0.00267	0.72000	Oversupply
5/4/2023 12:49	0:03	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:49	0:03	MS	Data is not available	Data is not available	Oversupply
5/4/2023 12:49	0:01	KWP	0.00267	0.24000	Oversupply
5/4/2023 12:51	0:01	KWP	0.00133	0.08000	Oversupply
5/4/2023 12:53	0:08	5A	Data is not available	Data is not available	Oversupply
5/4/2023 12:53	0:08	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:00	0:01	KWP	0.00133	0.08000	Oversupply
5/4/2023 13:11	0:05	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:11	0:05	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:17	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:17	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:19	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:19	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:22	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:22	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:25	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:25	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:27	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:27	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:30	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:30	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:33	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:33	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:35	0:04	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:35	0:04	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:41	0:03	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:41	0:03	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:45	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:45	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:48	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:48	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:49	0:01	KWP	0.00267	4.40000	Oversupply
5/4/2023 13:50	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:50	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:52	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:52	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:55	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:55	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 13:58	0:04	5A	Data is not available	Data is not available	Oversupply
5/4/2023 13:58	0:04	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:03	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:03	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:08	0:06	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:08	0:06	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:08	0:01	KWP	0.00267	8.56000	Oversupply
5/4/2023 14:13	0:01	KWP	0.00267	8.08000	Oversupply
5/4/2023 14:15	0:05	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:15	0:05	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:17	0:02	KWP	0.00364	7.28000	Oversupply
5/4/2023 14:21	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:21	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:23	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:23	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:26	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:26	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:28	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:28	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:30	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:30	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:33	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:33	0:02	MS	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/4/2023 14:33	0:01	KWP	0.00267	9.36000	Oversupply
5/4/2023 14:36	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:36	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:40	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:40	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:44	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:44	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:46	0:04	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:46	0:04	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:51	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:51	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:53	0:02	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:53	0:02	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:56	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:56	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 14:59	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 14:59	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 15:01	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 15:01	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 15:05	0:03	5A	Data is not available	Data is not available	Oversupply
5/4/2023 15:05	0:03	MS	Data is not available	Data is not available	Oversupply
5/4/2023 15:09	0:03	5A	Data is not available	Data is not available	Oversupply
5/4/2023 15:09	0:03	MS	Data is not available	Data is not available	Oversupply
5/4/2023 15:19	0:01	5A	Data is not available	Data is not available	Oversupply
5/4/2023 15:19	0:01	MS	Data is not available	Data is not available	Oversupply
5/4/2023 15:46	0:02	BS250	Data is not available	Data is not available	Oversupply
5/4/2023 15:48	0:02	SSA3	0.04268	0.01900	Oversupply
5/4/2023 15:50	0:01	BS250	Data is not available	Data is not available	Oversupply
5/4/2023 15:50	0:04	SSA3	0.08607	0.05900	Oversupply
5/4/2023 15:52	0:01	BS250	Data is not available	Data is not available	Oversupply
5/4/2023 15:54	0:02	SSA3	0.04233	0.74400	Oversupply
5/4/2023 16:12	0:01	BS250	Data is not available	Data is not available	Oversupply
5/4/2023 16:12	0:04	17-2	0.03562	0.62600	Oversupply
5/4/2023 16:12	0:02	SSA3	0.01592	0.40300	Oversupply
5/4/2023 16:14	0:02	SSA3	0.01761	1.05200	Oversupply
5/4/2023 16:18	0:01	17-2	0.00403	0.56900	Oversupply
5/4/2023 16:25	0:01	17-2	0.00028	0.52800	Oversupply
5/4/2023 16:26	0:02	SSA3	0.01641	0.95000	Oversupply
5/4/2023 16:27	0:02	17-2	0.01140	0.61900	Oversupply
5/4/2023 16:30	0:01	17-2	0.00967	0.58000	Oversupply
5/4/2023 22:58	0:13	KWP	0.24724	19.59884	Oversupply
5/4/2023 23:12	0:01	KWP	0.00113	19.58387	Oversupply
5/4/2023 23:33	0:01	KWP	0.00109	19.59086	Oversupply
5/4/2023 23:35	0:01	KWP	0.00657	19.57988	Oversupply
5/4/2023 23:39	5:29	KWP	28.83834	19.58587	Oversupply
5/5/2023 7:14	0:01	KWP	0.00062	19.58667	Oversupply
5/5/2023 7:14	0:02	SSA3	0.00735	0.32000	Oversupply
5/5/2023 7:15	0:01	17-2	0.00125	0.07500	Oversupply
5/5/2023 7:26	8:11	17-2	3.36745	0.75000	Oversupply
5/5/2023 7:26	7:55	SSA3	17.26669	0.29700	Oversupply
5/5/2023 7:27	0:01	KWP	0.00237	19.58787	Oversupply
5/5/2023 7:28	7:50	BS250	Data is not available	Data is not available	Oversupply
5/5/2023 7:29	8:17	KWP	131.04243	21.07881	Oversupply
5/5/2023 8:59	0:08	5A	Data is not available	Data is not available	Oversupply
5/5/2023 8:59	0:08	MS	Data is not available	Data is not available	Oversupply
5/5/2023 9:01	0:01	KWP	0.00267	23.92000	Oversupply
5/5/2023 9:05	0:01	KWP	0.00267	23.12000	Oversupply
5/5/2023 9:09	0:02	5A	Data is not available	Data is not available	Oversupply
5/5/2023 9:09	0:02	MS	Data is not available	Data is not available	Oversupply
5/5/2023 9:12	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 9:12	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 9:14	0:05	5A	Data is not available	Data is not available	Oversupply
5/5/2023 9:14	0:05	MS	Data is not available	Data is not available	Oversupply
5/5/2023 9:18	0:01	KWP	0.00046	24.08000	Oversupply
5/5/2023 9:22	0:03	5A	Data is not available	Data is not available	Oversupply
5/5/2023 9:22	0:03	MS	Data is not available	Data is not available	Oversupply
5/5/2023 9:28	0:10	5A	Data is not available	Data is not available	Oversupply
5/5/2023 9:28	0:10	MS	Data is not available	Data is not available	Oversupply
5/5/2023 9:29	0:02	KWP	0.00800	23.12000	Oversupply
5/5/2023 9:33	0:01	KWP	0.00267	17.04000	Oversupply
5/5/2023 9:39	0:03	5A	Data is not available	Data is not available	Oversupply
5/5/2023 9:39	0:03	MS	Data is not available	Data is not available	Oversupply
5/5/2023 9:44	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 9:44	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 9:46	0:01	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/5/2023 9:46	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 9:48	0:03	5A	Data is not available	Data is not available	Oversupply
5/5/2023 9:48	0:03	MS	Data is not available	Data is not available	Oversupply
5/5/2023 9:52	0:04	5A	Data is not available	Data is not available	Oversupply
5/5/2023 9:52	0:04	MS	Data is not available	Data is not available	Oversupply
5/5/2023 9:57	0:04	5A	Data is not available	Data is not available	Oversupply
5/5/2023 9:57	0:04	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:02	0:02	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:02	0:02	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:05	0:02	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:05	0:02	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:08	0:02	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:08	0:02	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:11	0:04	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:11	0:04	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:16	0:04	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:16	0:04	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:21	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:21	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:23	0:06	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:23	0:06	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:23	0:01	KWP	0.00154	12.24000	Oversupply
5/5/2023 10:30	0:02	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:30	0:02	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:33	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:33	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:33	0:01	KWP	0.00533	10.00000	Oversupply
5/5/2023 10:38	0:05	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:38	0:05	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:44	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:44	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:45	0:01	KWP	0.00367	11.92000	Oversupply
5/5/2023 10:46	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:46	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:49	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:49	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:51	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:51	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:53	0:02	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:53	0:02	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:56	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:56	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 10:59	0:09	5A	Data is not available	Data is not available	Oversupply
5/5/2023 10:59	0:09	MS	Data is not available	Data is not available	Oversupply
5/5/2023 11:06	0:01	KWP	0.00267	12.24000	Oversupply
5/5/2023 11:09	0:02	5A	Data is not available	Data is not available	Oversupply
5/5/2023 11:09	0:02	MS	Data is not available	Data is not available	Oversupply
5/5/2023 11:09	0:01	KWP	0.00267	9.36000	Oversupply
5/5/2023 11:14	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 11:14	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 11:17	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 11:17	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 11:21	0:10	5A	Data is not available	Data is not available	Oversupply
5/5/2023 11:21	0:10	MS	Data is not available	Data is not available	Oversupply
5/5/2023 11:34	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 11:34	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 11:36	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 11:36	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 11:39	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 11:39	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 11:41	0:06	5A	Data is not available	Data is not available	Oversupply
5/5/2023 11:41	0:06	MS	Data is not available	Data is not available	Oversupply
5/5/2023 11:42	0:01	KWP	0.00267	8.56000	Oversupply
5/5/2023 11:44	0:01	KWP	0.00267	5.52000	Oversupply
5/5/2023 11:48	0:02	5A	Data is not available	Data is not available	Oversupply
5/5/2023 11:48	0:02	MS	Data is not available	Data is not available	Oversupply
5/5/2023 11:51	0:07	5A	Data is not available	Data is not available	Oversupply
5/5/2023 11:51	0:07	MS	Data is not available	Data is not available	Oversupply
5/5/2023 11:53	0:01	KWP	0.00267	0.56000	Oversupply
5/5/2023 11:55	0:01	KWP	0.00133	0.08000	Oversupply
5/5/2023 11:59	0:02	5A	Data is not available	Data is not available	Oversupply
5/5/2023 11:59	0:02	MS	Data is not available	Data is not available	Oversupply
5/5/2023 12:02	0:12	5A	Data is not available	Data is not available	Oversupply
5/5/2023 12:02	0:12	MS	Data is not available	Data is not available	Oversupply
5/5/2023 12:09	0:02	KWP	0.00267	0.08000	Oversupply



Maui Curtailment Report

May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/5/2023 12:15	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 12:15	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 12:19	0:02	5A	Data is not available	Data is not available	Oversupply
5/5/2023 12:19	0:02	MS	Data is not available	Data is not available	Oversupply
5/5/2023 12:22	0:04	5A	Data is not available	Data is not available	Oversupply
5/5/2023 12:22	0:04	MS	Data is not available	Data is not available	Oversupply
5/5/2023 12:27	0:20	5A	Data is not available	Data is not available	Oversupply
5/5/2023 12:27	0:20	MS	Data is not available	Data is not available	Oversupply
5/5/2023 12:36	0:01	KWP	0.00037	0.24000	Oversupply
5/5/2023 12:48	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 12:48	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 12:50	0:02	5A	Data is not available	Data is not available	Oversupply
5/5/2023 12:50	0:02	MS	Data is not available	Data is not available	Oversupply
5/5/2023 12:52	0:01	KWP	0.00133	0.08000	Oversupply
5/5/2023 12:54	0:16	5A	Data is not available	Data is not available	Oversupply
5/5/2023 12:54	0:16	MS	Data is not available	Data is not available	Oversupply
5/5/2023 13:06	0:03	KWP	0.00400	0.08000	Oversupply
5/5/2023 13:16	0:04	5A	Data is not available	Data is not available	Oversupply
5/5/2023 13:16	0:04	MS	Data is not available	Data is not available	Oversupply
5/5/2023 13:24	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 13:24	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 13:27	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 13:27	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 13:29	0:04	5A	Data is not available	Data is not available	Oversupply
5/5/2023 13:29	0:04	MS	Data is not available	Data is not available	Oversupply
5/5/2023 13:34	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 13:34	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 13:34	0:01	KWP	0.00267	11.44000	Oversupply
5/5/2023 13:36	0:02	5A	Data is not available	Data is not available	Oversupply
5/5/2023 13:36	0:02	MS	Data is not available	Data is not available	Oversupply
5/5/2023 13:39	0:04	5A	Data is not available	Data is not available	Oversupply
5/5/2023 13:39	0:04	MS	Data is not available	Data is not available	Oversupply
5/5/2023 13:45	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 13:45	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 13:47	0:04	5A	Data is not available	Data is not available	Oversupply
5/5/2023 13:47	0:04	MS	Data is not available	Data is not available	Oversupply
5/5/2023 13:53	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 13:53	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 13:55	0:03	5A	Data is not available	Data is not available	Oversupply
5/5/2023 13:55	0:03	MS	Data is not available	Data is not available	Oversupply
5/5/2023 13:57	0:01	KWP	0.00267	14.96000	Oversupply
5/5/2023 14:00	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 14:00	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 14:02	0:05	5A	Data is not available	Data is not available	Oversupply
5/5/2023 14:02	0:05	MS	Data is not available	Data is not available	Oversupply
5/5/2023 14:08	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 14:08	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 14:14	0:01	5A	Data is not available	Data is not available	Oversupply
5/5/2023 14:14	0:01	MS	Data is not available	Data is not available	Oversupply
5/5/2023 14:16	0:02	5A	Data is not available	Data is not available	Oversupply
5/5/2023 14:16	0:02	MS	Data is not available	Data is not available	Oversupply
5/5/2023 14:19	0:03	5A	Data is not available	Data is not available	Oversupply
5/5/2023 14:19	0:03	MS	Data is not available	Data is not available	Oversupply
5/5/2023 14:21	0:01	KWP	0.00267	21.36000	Oversupply
5/5/2023 14:25	0:02	5A	Data is not available	Data is not available	Oversupply
5/5/2023 14:25	0:02	MS	Data is not available	Data is not available	Oversupply
5/5/2023 15:19	0:01	BS250	Data is not available	Data is not available	Oversupply
5/5/2023 15:21	0:02	SSA3	0.04177	0.93200	Oversupply
5/5/2023 15:23	0:02	SSA3	0.04247	0.41400	Oversupply
5/5/2023 15:25	0:02	SSA3	0.04247	0.55600	Oversupply
5/5/2023 15:26	0:03	BS250	Data is not available	Data is not available	Oversupply
5/5/2023 15:27	0:04	SSA3	0.06893	0.00000	Oversupply
5/5/2023 15:30	0:01	BS250	Data is not available	Data is not available	Oversupply
5/5/2023 15:31	0:02	SSA3	0.01703	0.51300	Oversupply
5/5/2023 15:45	0:02	SSA3	0.01293	0.61600	Oversupply
5/5/2023 15:47	0:07	17-2	0.03745	0.43600	Oversupply
5/5/2023 15:47	0:02	SSA3	0.01293	0.76300	Oversupply
5/5/2023 15:49	0:02	SSA3	0.01272	0.15500	Oversupply
5/5/2023 15:51	0:02	SSA3	0.01272	0.44300	Oversupply
5/5/2023 16:13	0:01	AWE	0.00500	0.30000	Oversupply
5/5/2023 23:46	0:01	KWP	0.00352	19.17471	Oversupply
5/6/2023 0:07	0:01	KWP	0.01751	18.42026	Oversupply
5/6/2023 0:09	0:01	KWP	0.00565	17.86939	Oversupply
5/6/2023 0:11	0:02	KWP	0.00388	17.52609	Oversupply
5/6/2023 0:15	0:03	KWP	0.04999	19.09388	Oversupply



Maui Curtailment Report

May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/6/2023 0:21	16:20	KWP	204.70071	21.12073	Oversupply
5/6/2023 5:45	10:55	BS250	Data is not available	Data is not available	Oversupply
5/6/2023 6:06	10:33	SSA3	19.18809	0.01900	Oversupply
5/6/2023 6:20	10:33	17-2	3.78305	0.75000	Oversupply
5/6/2023 9:38	1:01	AWE	2.43614	3.50000	Oversupply
5/6/2023 9:39	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 9:39	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 9:41	0:16	5A	Data is not available	Data is not available	Oversupply
5/6/2023 9:41	0:16	MS	Data is not available	Data is not available	Oversupply
5/6/2023 9:58	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 9:58	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:00	0:05	5A	Data is not available	Data is not available	Oversupply
5/6/2023 10:00	0:05	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:07	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 10:07	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:09	0:02	5A	Data is not available	Data is not available	Oversupply
5/6/2023 10:09	0:02	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:12	0:03	5A	Data is not available	Data is not available	Oversupply
5/6/2023 10:12	0:03	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:16	0:02	5A	Data is not available	Data is not available	Oversupply
5/6/2023 10:16	0:02	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:19	0:03	5A	Data is not available	Data is not available	Oversupply
5/6/2023 10:19	0:03	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:23	0:04	5A	Data is not available	Data is not available	Oversupply
5/6/2023 10:23	0:04	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:24	0:01	KWP	0.00001	7.76000	Oversupply
5/6/2023 10:32	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 10:32	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:33	0:01	KWP	0.00267	12.56000	Oversupply
5/6/2023 10:34	0:02	5A	Data is not available	Data is not available	Oversupply
5/6/2023 10:34	0:02	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:37	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 10:37	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:39	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 10:39	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:41	0:04	5A	Data is not available	Data is not available	Oversupply
5/6/2023 10:41	0:04	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:45	0:01	KWP	0.00267	13.04000	Oversupply
5/6/2023 10:47	0:06	5A	Data is not available	Data is not available	Oversupply
5/6/2023 10:47	0:06	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:49	0:01	KWP	0.00533	13.36000	Oversupply
5/6/2023 10:55	0:05	5A	Data is not available	Data is not available	Oversupply
5/6/2023 10:55	0:05	MS	Data is not available	Data is not available	Oversupply
5/6/2023 10:59	0:17	AWE	0.51117	2.80000	Oversupply
5/6/2023 11:04	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 11:04	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 11:07	0:03	5A	Data is not available	Data is not available	Oversupply
5/6/2023 11:07	0:03	MS	Data is not available	Data is not available	Oversupply
5/6/2023 11:13	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 11:13	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 11:15	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 11:15	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 11:18	0:03	5A	Data is not available	Data is not available	Oversupply
5/6/2023 11:18	0:03	MS	Data is not available	Data is not available	Oversupply
5/6/2023 11:22	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 11:22	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 11:24	0:03	5A	Data is not available	Data is not available	Oversupply
5/6/2023 11:24	0:03	MS	Data is not available	Data is not available	Oversupply
5/6/2023 11:27	0:24	AWE	0.85440	3.30000	Oversupply
5/6/2023 11:29	0:09	5A	Data is not available	Data is not available	Oversupply
5/6/2023 11:29	0:09	MS	Data is not available	Data is not available	Oversupply
5/6/2023 11:33	0:01	KWP	0.00267	15.12000	Oversupply
5/6/2023 11:37	0:01	KWP	0.00267	9.20000	Oversupply
5/6/2023 11:40	0:02	5A	Data is not available	Data is not available	Oversupply
5/6/2023 11:40	0:02	MS	Data is not available	Data is not available	Oversupply
5/6/2023 11:50	0:02	5A	Data is not available	Data is not available	Oversupply
5/6/2023 11:50	0:02	MS	Data is not available	Data is not available	Oversupply
5/6/2023 11:52	0:01	KWP	0.00267	18.64000	Oversupply
5/6/2023 11:53	0:02	5A	Data is not available	Data is not available	Oversupply
5/6/2023 11:53	0:02	MS	Data is not available	Data is not available	Oversupply
5/6/2023 11:54	0:01	KWP	0.00533	18.64000	Oversupply
5/6/2023 11:56	0:04	5A	Data is not available	Data is not available	Oversupply
5/6/2023 11:56	0:04	MS	Data is not available	Data is not available	Oversupply
5/6/2023 12:02	0:04	5A	Data is not available	Data is not available	Oversupply
5/6/2023 12:02	0:04	MS	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/6/2023 12:02	0:01	KWP	0.00267	13.04000	Oversupply
5/6/2023 12:03	1:13	AWE	2.71277	3.30000	Oversupply
5/6/2023 12:10	0:02	5A	Data is not available	Data is not available	Oversupply
5/6/2023 12:10	0:02	MS	Data is not available	Data is not available	Oversupply
5/6/2023 12:11	0:01	KWP	0.00267	18.00000	Oversupply
5/6/2023 12:13	0:02	5A	Data is not available	Data is not available	Oversupply
5/6/2023 12:13	0:02	MS	Data is not available	Data is not available	Oversupply
5/6/2023 12:20	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 12:20	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 12:26	0:09	5A	Data is not available	Data is not available	Oversupply
5/6/2023 12:26	0:09	MS	Data is not available	Data is not available	Oversupply
5/6/2023 12:37	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 12:37	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 12:39	0:09	5A	Data is not available	Data is not available	Oversupply
5/6/2023 12:39	0:09	MS	Data is not available	Data is not available	Oversupply
5/6/2023 12:49	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 12:49	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 12:50	0:01	KWP	0.00267	14.96000	Oversupply
5/6/2023 12:51	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 12:51	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 12:53	0:03	5A	Data is not available	Data is not available	Oversupply
5/6/2023 12:53	0:03	MS	Data is not available	Data is not available	Oversupply
5/6/2023 12:58	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 12:58	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 12:59	0:01	KWP	0.00267	14.48000	Oversupply
5/6/2023 13:00	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 13:00	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 13:18	0:02	5A	Data is not available	Data is not available	Oversupply
5/6/2023 13:18	0:02	MS	Data is not available	Data is not available	Oversupply
5/6/2023 13:23	0:07	5A	Data is not available	Data is not available	Oversupply
5/6/2023 13:23	0:07	MS	Data is not available	Data is not available	Oversupply
5/6/2023 13:28	0:38	AWE	1.61490	2.70000	Oversupply
5/6/2023 13:32	0:04	5A	Data is not available	Data is not available	Oversupply
5/6/2023 13:32	0:04	MS	Data is not available	Data is not available	Oversupply
5/6/2023 13:37	0:07	5A	Data is not available	Data is not available	Oversupply
5/6/2023 13:37	0:07	MS	Data is not available	Data is not available	Oversupply
5/6/2023 13:45	0:01	5A	Data is not available	Data is not available	Oversupply
5/6/2023 13:45	0:01	MS	Data is not available	Data is not available	Oversupply
5/6/2023 13:47	0:03	5A	Data is not available	Data is not available	Oversupply
5/6/2023 13:47	0:03	MS	Data is not available	Data is not available	Oversupply
5/6/2023 13:47	0:01	KWP	0.00267	17.84000	Oversupply
5/6/2023 13:50	0:01	KWP	0.00242	17.36000	Oversupply
5/6/2023 13:51	0:03	5A	Data is not available	Data is not available	Oversupply
5/6/2023 13:51	0:03	MS	Data is not available	Data is not available	Oversupply
5/6/2023 13:56	0:04	5A	Data is not available	Data is not available	Oversupply
5/6/2023 13:56	0:04	MS	Data is not available	Data is not available	Oversupply
5/6/2023 13:56	0:02	KWP	0.00533	19.60000	Oversupply
5/6/2023 13:59	0:01	KWP	0.00315	18.80000	Oversupply
5/6/2023 14:01	0:02	5A	Data is not available	Data is not available	Oversupply
5/6/2023 14:01	0:02	MS	Data is not available	Data is not available	Oversupply
5/6/2023 14:02	0:01	KWP	0.00223	18.64000	Oversupply
5/6/2023 16:40	0:02	SSA3	0.01360	0.10800	Oversupply
5/6/2023 16:42	0:02	SSA3	0.01360	0.19600	Oversupply
5/6/2023 16:44	0:02	SSA3	0.01115	0.33100	Oversupply
5/6/2023 16:46	0:02	SSA3	0.01117	0.11200	Oversupply
5/6/2023 16:48	0:02	SSA3	0.01117	0.21200	Oversupply
5/6/2023 16:50	0:02	SSA3	0.01126	0.15100	Oversupply
5/6/2023 16:54	0:01	BS250	Data is not available	Data is not available	Oversupply
5/6/2023 16:54	0:03	17-2	0.01212	0.37900	Oversupply
5/6/2023 16:54	0:02	SSA3	0.01126	0.00300	Oversupply
5/6/2023 16:58	0:19	17-2	0.07852	0.41300	Oversupply
5/6/2023 16:58	0:02	SSA3	0.01183	0.34300	Oversupply
5/6/2023 17:02	0:12	BS250	Data is not available	Data is not available	Oversupply
5/6/2023 17:02	0:12	SSA3	0.16533	0.46100	Oversupply
5/6/2023 17:03	0:11	KWP	0.25572	19.57290	Oversupply
5/6/2023 17:14	0:02	SSA3	0.02175	0.31400	Oversupply
5/7/2023 0:07	0:19	KWP	0.60593	20.96305	Oversupply
5/7/2023 0:28	0:01	KWP	0.00615	20.42216	Oversupply
5/7/2023 0:57	0:01	KWP	0.00065	18.96514	Oversupply
5/7/2023 1:05	0:01	KWP	0.00037	18.95716	Oversupply
5/7/2023 1:20	0:22	KWP	0.86804	20.99997	Oversupply
5/7/2023 1:46	0:01	KWP	0.00836	20.26747	Oversupply
5/7/2023 3:11	0:08	KWP	0.16642	20.38324	Oversupply
5/7/2023 4:27	0:02	KWP	0.01097	18.04802	Oversupply
5/7/2023 4:30	0:03	KWP	0.02501	16.85247	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
5/7/2023 4:34	0:42	KWP/II	1.81782	20.85627	Oversupply
5/7/2023 5:19	0:03	KWP/II	0.03533	20.42315	Oversupply
5/7/2023 5:23	0:01	KWP/II	0.01264	19.85432	Oversupply
5/7/2023 5:27	0:02	KWP/II	0.02187	19.49406	Oversupply
5/7/2023 7:03	0:02	SSA3	0.01451	0.24200	Oversupply
5/7/2023 7:04	0:05	BS250	Data is not available	Data is not available	Oversupply
5/7/2023 7:05	0:02	SSA3	0.01451	0.00900	Oversupply
5/7/2023 7:06	0:03	KWP/II	0.00321	20.31937	Oversupply
5/7/2023 7:07	0:02	SSA3	0.01451	0.01200	Oversupply
5/7/2023 7:10	0:07	BS250	Data is not available	Data is not available	Oversupply
5/7/2023 7:11	0:06	SSA3	0.04723	0.01200	Oversupply
5/7/2023 7:12	0:01	KWP/II	0.00877	20.94209	Oversupply
5/7/2023 7:14	0:03	KWP/II	0.03278	20.96005	Oversupply
5/7/2023 7:17	0:02	SSA3	0.01873	0.20500	Oversupply
5/7/2023 7:18	0:04	BS250	Data is not available	Data is not available	Oversupply
5/7/2023 7:19	0:02	KWP/II	0.02052	20.52395	Oversupply
5/7/2023 7:19	0:02	SSA3	0.01873	-0.00100	Oversupply
5/7/2023 7:21	0:02	SSA3	0.01858	0.14800	Oversupply
5/7/2023 7:23	0:02	SSA3	0.01873	0.28300	Oversupply
5/7/2023 7:25	8:24	BS250	Data is not available	Data is not available	Oversupply
5/7/2023 7:25	0:01	KWP/II	0.00090	20.54990	Oversupply
5/7/2023 7:25	8:23	SSA3	16.42401	0.00200	Oversupply
5/7/2023 7:27	8:15	KWP/II	125.55662	20.96704	Oversupply
5/7/2023 8:29	0:04	AWE	0.02357	11.60000	Oversupply
5/7/2023 8:35	0:01	AWE	0.00496	11.70000	Oversupply
5/7/2023 8:37	0:01	AWE	0.00104	11.70000	Oversupply
5/7/2023 8:41	0:05	AWE	0.04440	11.70000	Oversupply
5/7/2023 8:45	7:04	17-2	2.87790	0.75000	Oversupply
5/7/2023 9:20	5:21	AWE	79.01572	20.70000	Oversupply
5/7/2023 10:25	0:04	5A	Data is not available	Data is not available	Oversupply
5/7/2023 10:25	0:04	MS	Data is not available	Data is not available	Oversupply
5/7/2023 10:30	0:06	5A	Data is not available	Data is not available	Oversupply
5/7/2023 10:30	0:06	MS	Data is not available	Data is not available	Oversupply
5/7/2023 10:38	0:01	5A	Data is not available	Data is not available	Oversupply
5/7/2023 10:38	0:01	MS	Data is not available	Data is not available	Oversupply
5/7/2023 10:38	0:01	KWP	0.00267	17.68000	Oversupply
5/7/2023 10:41	0:02	5A	Data is not available	Data is not available	Oversupply
5/7/2023 10:41	0:02	MS	Data is not available	Data is not available	Oversupply
5/7/2023 10:44	0:01	5A	Data is not available	Data is not available	Oversupply
5/7/2023 10:44	0:01	MS	Data is not available	Data is not available	Oversupply
5/7/2023 10:44	0:01	KWP	0.00267	16.88000	Oversupply
5/7/2023 10:47	0:09	5A	Data is not available	Data is not available	Oversupply
5/7/2023 10:47	0:09	MS	Data is not available	Data is not available	Oversupply
5/7/2023 10:52	0:01	KWP	0.00267	16.40000	Oversupply
5/7/2023 10:55	0:01	KWP	0.00156	15.60000	Oversupply
5/7/2023 10:57	0:03	5A	Data is not available	Data is not available	Oversupply
5/7/2023 10:57	0:03	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:01	0:01	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:01	0:01	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:01	0:01	KWP	0.00267	12.72000	Oversupply
5/7/2023 11:03	0:02	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:03	0:02	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:06	0:02	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:06	0:02	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:08	0:01	KWP	0.00169	12.72000	Oversupply
5/7/2023 11:11	0:05	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:11	0:05	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:17	0:02	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:17	0:02	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:20	0:02	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:20	0:02	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:23	0:01	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:23	0:01	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:24	0:01	KWP	0.00267	10.00000	Oversupply
5/7/2023 11:25	0:01	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:25	0:01	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:27	0:03	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:27	0:03	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:30	0:01	KWP	0.00259	9.68000	Oversupply
5/7/2023 11:31	0:01	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:31	0:01	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:33	0:05	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:33	0:05	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:36	0:01	KWP	0.00061	9.20000	Oversupply
5/7/2023 11:39	0:01	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
5/7/2023 11:39	0:01	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:41	0:06	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:41	0:06	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:49	0:01	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:49	0:01	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:51	0:02	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:51	0:02	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:52	0:01	KWP	0.00290	10.64000	Oversupply
5/7/2023 11:55	0:08	5A	Data is not available	Data is not available	Oversupply
5/7/2023 11:55	0:08	MS	Data is not available	Data is not available	Oversupply
5/7/2023 11:59	0:01	KWP	0.00267	10.00000	Oversupply
5/7/2023 12:02	0:01	KWP	0.00267	8.72000	Oversupply
5/7/2023 12:04	0:01	5A	Data is not available	Data is not available	Oversupply
5/7/2023 12:04	0:01	MS	Data is not available	Data is not available	Oversupply
5/7/2023 12:07	0:01	5A	Data is not available	Data is not available	Oversupply
5/7/2023 12:07	0:01	MS	Data is not available	Data is not available	Oversupply
5/7/2023 12:10	0:02	5A	Data is not available	Data is not available	Oversupply
5/7/2023 12:10	0:02	MS	Data is not available	Data is not available	Oversupply
5/7/2023 12:14	0:05	5A	Data is not available	Data is not available	Oversupply
5/7/2023 12:14	0:05	MS	Data is not available	Data is not available	Oversupply
5/7/2023 12:20	0:07	5A	Data is not available	Data is not available	Oversupply
5/7/2023 12:20	0:07	MS	Data is not available	Data is not available	Oversupply
5/7/2023 12:29	0:03	5A	Data is not available	Data is not available	Oversupply
5/7/2023 12:29	0:03	MS	Data is not available	Data is not available	Oversupply
5/7/2023 12:33	0:02	5A	Data is not available	Data is not available	Oversupply
5/7/2023 12:33	0:02	MS	Data is not available	Data is not available	Oversupply
5/7/2023 12:36	0:03	5A	Data is not available	Data is not available	Oversupply
5/7/2023 12:36	0:03	MS	Data is not available	Data is not available	Oversupply
5/7/2023 12:40	0:01	5A	Data is not available	Data is not available	Oversupply
5/7/2023 12:40	0:01	MS	Data is not available	Data is not available	Oversupply
5/7/2023 12:42	0:04	5A	Data is not available	Data is not available	Oversupply
5/7/2023 12:42	0:04	MS	Data is not available	Data is not available	Oversupply
5/7/2023 12:45	0:01	KWP	0.00267	13.84000	Oversupply
5/7/2023 12:48	0:04	5A	Data is not available	Data is not available	Oversupply
5/7/2023 12:48	0:04	MS	Data is not available	Data is not available	Oversupply
5/7/2023 12:50	0:01	KWP	0.00267	15.12000	Oversupply
5/7/2023 12:56	0:10	5A	Data is not available	Data is not available	Oversupply
5/7/2023 12:56	0:10	MS	Data is not available	Data is not available	Oversupply
5/7/2023 12:59	0:01	KWP	0.00537	19.12000	Oversupply
5/7/2023 13:07	0:03	5A	Data is not available	Data is not available	Oversupply
5/7/2023 13:07	0:03	MS	Data is not available	Data is not available	Oversupply
5/7/2023 13:09	0:01	KWP	0.00267	17.84000	Oversupply
5/7/2023 14:44	0:06	AWE	0.11804	14.30000	Oversupply
5/7/2023 15:03	0:01	AWE	0.00388	14.40000	Oversupply
5/7/2023 15:08	0:03	AWE	0.00569	14.40000	Oversupply
5/7/2023 15:12	0:01	AWE	0.00078	14.60000	Oversupply
5/7/2023 15:14	0:01	AWE	0.00624	14.40000	Oversupply
5/7/2023 15:16	0:01	AWE	0.01021	14.00000	Oversupply
5/7/2023 15:18	0:03	AWE	0.01919	14.50000	Oversupply
5/7/2023 15:23	0:04	AWE	0.04149	14.60000	Oversupply
5/7/2023 15:43	0:06	KWP11	0.13106	18.58392	Oversupply
5/7/2023 16:14	1:06	17-2	0.40260	0.36600	Oversupply
5/7/2023 16:16	0:34	SSA3	0.60740	0.14000	Oversupply
5/7/2023 16:17	0:34	BS250	Data is not available	Data is not available	Oversupply
5/7/2023 16:18	0:02	KWP11	0.01267	19.41921	Oversupply
5/7/2023 16:21	0:31	KWP11	3.21812	18.81445	Oversupply
5/7/2023 16:51	0:02	SSA3	0.02767	0.03000	Oversupply
5/7/2023 16:52	0:25	BS250	Data is not available	Data is not available	Oversupply
5/7/2023 16:53	0:22	SSA3	0.19580	-0.00200	Oversupply
5/7/2023 16:54	0:22	KWP11	0.71513	19.33638	Oversupply
5/7/2023 17:15	0:02	SSA3	0.00437	0.00000	Oversupply
5/7/2023 17:17	0:01	KWP11	0.00223	18.80447	Oversupply
5/7/2023 17:17	0:02	SSA3	0.00437	0.24600	Oversupply
5/7/2023 17:25	0:02	SSA3	0.00437	0.30200	Oversupply
5/7/2023 17:26	0:01	17-2	0.00195	0.36600	Oversupply
5/7/2023 17:31	0:03	17-2	0.01265	0.36600	Oversupply
5/7/2023 17:31	0:02	SSA3	0.00361	0.23400	Oversupply
5/8/2023 0:03	0:01	KWP11	0.00163	18.69370	Oversupply
5/8/2023 0:08	3:04	KWP11	16.30140	19.56890	Oversupply
5/8/2023 3:13	1:00	KWP11	3.01078	18.88830	Oversupply
5/8/2023 4:14	0:03	KWP11	0.03283	14.32665	Oversupply
5/8/2023 4:21	0:37	KWP11	1.55763	19.56691	Oversupply
5/8/2023 5:00	0:01	KWP11	0.01310	19.14378	Oversupply
5/8/2023 7:07	0:01	KWP11	0.00017	19.14278	Oversupply
5/8/2023 7:07	0:02	17-2	0.00127	0.03800	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/8/2023 7:07	0:02	SSA3	0.01228	0.26000	Oversupply
5/8/2023 7:10	1:06	BS250	Data is not available	Data is not available	Oversupply
5/8/2023 7:10	9:26	17-2	5.36095	0.75000	Oversupply
5/8/2023 7:11	1:05	SSA3	0.98406	0.00100	Oversupply
5/8/2023 7:12	1:00	KWP	5.57987	20.99299	Oversupply
5/8/2023 8:13	7:53	KWP	129.92000	19.56491	System Constraint
5/8/2023 8:16	0:02	SSA3	0.04717	0.07700	Oversupply
5/8/2023 8:17	7:55	BS250	Data is not available	Data is not available	Oversupply
5/8/2023 8:18	8:10	SSA3	19.07881	0.00500	Oversupply
5/8/2023 9:26	0:01	AWE	0.00299	14.40000	Oversupply
5/8/2023 9:28	5:44	AWE	65.43574	17.70000	Oversupply
5/8/2023 10:48	0:01	5A	Data is not available	Data is not available	Oversupply
5/8/2023 10:48	0:01	MS	Data is not available	Data is not available	Oversupply
5/8/2023 10:54	0:02	5A	Data is not available	Data is not available	Oversupply
5/8/2023 10:54	0:02	MS	Data is not available	Data is not available	Oversupply
5/8/2023 10:57	0:01	5A	Data is not available	Data is not available	Oversupply
5/8/2023 10:57	0:01	MS	Data is not available	Data is not available	Oversupply
5/8/2023 11:00	0:04	5A	Data is not available	Data is not available	Oversupply
5/8/2023 11:00	0:04	MS	Data is not available	Data is not available	Oversupply
5/8/2023 11:05	0:04	5A	Data is not available	Data is not available	Oversupply
5/8/2023 11:05	0:04	MS	Data is not available	Data is not available	Oversupply
5/8/2023 11:09	0:01	KWP	0.00267	22.96000	Oversupply
5/8/2023 11:10	0:12	5A	Data is not available	Data is not available	Oversupply
5/8/2023 11:10	0:12	MS	Data is not available	Data is not available	Oversupply
5/8/2023 11:14	0:02	KWP	0.00540	22.96000	Oversupply
5/8/2023 11:23	0:01	5A	Data is not available	Data is not available	Oversupply
5/8/2023 11:23	0:01	MS	Data is not available	Data is not available	Oversupply
5/8/2023 11:25	0:02	5A	Data is not available	Data is not available	Oversupply
5/8/2023 11:25	0:02	MS	Data is not available	Data is not available	Oversupply
5/8/2023 11:29	0:06	5A	Data is not available	Data is not available	Oversupply
5/8/2023 11:29	0:06	MS	Data is not available	Data is not available	Oversupply
5/8/2023 11:37	0:06	5A	Data is not available	Data is not available	Oversupply
5/8/2023 11:37	0:06	MS	Data is not available	Data is not available	Oversupply
5/8/2023 11:42	0:01	KWP	0.00267	20.24000	Oversupply
5/8/2023 11:44	0:04	5A	Data is not available	Data is not available	Oversupply
5/8/2023 11:44	0:04	MS	Data is not available	Data is not available	Oversupply
5/8/2023 11:49	0:07	5A	Data is not available	Data is not available	Oversupply
5/8/2023 11:49	0:07	MS	Data is not available	Data is not available	Oversupply
5/8/2023 11:57	0:05	5A	Data is not available	Data is not available	Oversupply
5/8/2023 11:57	0:05	MS	Data is not available	Data is not available	Oversupply
5/8/2023 12:00	0:01	KWP	0.00267	18.96000	Oversupply
5/8/2023 12:03	0:08	5A	Data is not available	Data is not available	Oversupply
5/8/2023 12:03	0:08	MS	Data is not available	Data is not available	Oversupply
5/8/2023 12:05	0:03	KWP	0.00800	21.04000	Oversupply
5/8/2023 12:10	0:01	KWP	0.00267	20.40000	Oversupply
5/8/2023 12:13	0:01	5A	Data is not available	Data is not available	Oversupply
5/8/2023 12:13	0:01	MS	Data is not available	Data is not available	Oversupply
5/8/2023 12:15	0:07	5A	Data is not available	Data is not available	Oversupply
5/8/2023 12:15	0:07	MS	Data is not available	Data is not available	Oversupply
5/8/2023 12:15	0:01	KWP	0.00267	22.00000	Oversupply
5/8/2023 12:20	0:01	KWP	0.00288	23.44000	Oversupply
5/8/2023 12:22	0:01	KWP	0.00267	23.44000	Oversupply
5/8/2023 12:23	0:06	5A	Data is not available	Data is not available	Oversupply
5/8/2023 12:23	0:06	MS	Data is not available	Data is not available	Oversupply
5/8/2023 12:25	0:01	KWP	0.00137	24.24000	Oversupply
5/8/2023 12:30	0:02	5A	Data is not available	Data is not available	Oversupply
5/8/2023 12:30	0:02	MS	Data is not available	Data is not available	Oversupply
5/8/2023 12:35	0:02	5A	Data is not available	Data is not available	Oversupply
5/8/2023 12:35	0:02	MS	Data is not available	Data is not available	Oversupply
5/8/2023 12:38	0:02	5A	Data is not available	Data is not available	Oversupply
5/8/2023 12:38	0:02	MS	Data is not available	Data is not available	Oversupply
5/8/2023 12:41	0:01	5A	Data is not available	Data is not available	Oversupply
5/8/2023 12:41	0:01	MS	Data is not available	Data is not available	Oversupply
5/8/2023 12:44	0:01	5A	Data is not available	Data is not available	Oversupply
5/8/2023 12:44	0:01	MS	Data is not available	Data is not available	Oversupply
5/8/2023 12:46	0:17	5A	Data is not available	Data is not available	Oversupply
5/8/2023 12:46	0:17	MS	Data is not available	Data is not available	Oversupply
5/8/2023 12:49	0:01	KWP	0.00267	25.20000	Oversupply
5/8/2023 12:53	0:02	KWP	0.00533	21.36000	Oversupply
5/8/2023 12:56	0:01	KWP	0.00267	19.12000	Oversupply
5/8/2023 13:01	0:01	KWP	0.00267	18.96000	Oversupply
5/8/2023 13:04	0:01	5A	Data is not available	Data is not available	Oversupply
5/8/2023 13:04	0:01	MS	Data is not available	Data is not available	Oversupply
5/8/2023 13:07	0:03	5A	Data is not available	Data is not available	Oversupply
5/8/2023 13:07	0:03	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
5/8/2023 13:11	0:05	5A	Data is not available	Data is not available	Oversupply
5/8/2023 13:11	0:05	MS	Data is not available	Data is not available	Oversupply
5/8/2023 13:17	0:01	5A	Data is not available	Data is not available	Oversupply
5/8/2023 13:17	0:01	MS	Data is not available	Data is not available	Oversupply
5/8/2023 13:19	0:02	5A	Data is not available	Data is not available	Oversupply
5/8/2023 13:19	0:02	MS	Data is not available	Data is not available	Oversupply
5/8/2023 13:20	0:01	KWP	0.00267	19.44000	Oversupply
5/8/2023 13:22	0:09	5A	Data is not available	Data is not available	Oversupply
5/8/2023 13:22	0:09	MS	Data is not available	Data is not available	Oversupply
5/8/2023 13:32	0:10	5A	Data is not available	Data is not available	Oversupply
5/8/2023 13:32	0:10	MS	Data is not available	Data is not available	Oversupply
5/8/2023 13:43	0:03	5A	Data is not available	Data is not available	Oversupply
5/8/2023 13:43	0:03	MS	Data is not available	Data is not available	Oversupply
5/8/2023 13:46	0:01	KWP	0.00267	23.28000	Oversupply
5/8/2023 13:47	0:01	5A	Data is not available	Data is not available	Oversupply
5/8/2023 13:47	0:01	MS	Data is not available	Data is not available	Oversupply
5/8/2023 13:49	0:03	5A	Data is not available	Data is not available	Oversupply
5/8/2023 13:49	0:03	MS	Data is not available	Data is not available	Oversupply
5/8/2023 13:57	0:07	5A	Data is not available	Data is not available	Oversupply
5/8/2023 13:57	0:07	MS	Data is not available	Data is not available	Oversupply
5/8/2023 15:13	0:03	AWE	0.02607	17.40000	Oversupply
5/8/2023 16:07	0:23	KWP	0.38303	19.52300	Oversupply
5/8/2023 16:13	0:15	BS250	Data is not available	Data is not available	Oversupply
5/8/2023 16:28	0:02	SSA3	0.03684	0.19500	Oversupply
5/8/2023 16:29	0:01	BS250	Data is not available	Data is not available	Oversupply
5/8/2023 16:30	0:02	SSA3	0.01679	0.40300	Oversupply
5/8/2023 16:32	0:02	SSA3	0.01679	0.87300	Oversupply
5/9/2023 4:40	0:02	KWP	0.02652	11.13119	Oversupply
5/9/2023 4:43	0:01	KWP	0.00183	11.96748	Oversupply
5/9/2023 4:47	0:01	KWP	0.00481	11.61620	Oversupply
5/9/2023 4:49	1:50	KWP	8.19722	21.08979	Oversupply
5/9/2023 5:45	0:54	BS250	Data is not available	Data is not available	Oversupply
5/9/2023 6:05	0:32	SSA3	0.05643	0.01700	Oversupply
5/9/2023 6:28	0:11	17-2	0.00274	0.02800	Oversupply
5/9/2023 6:47	0:05	BS250	Data is not available	Data is not available	Oversupply
5/9/2023 6:47	0:05	17-2	0.00205	0.06100	Oversupply
5/9/2023 6:48	0:04	KWP	0.04852	19.56990	Oversupply
5/9/2023 6:48	0:04	SSA3	0.01876	0.00000	Oversupply
5/9/2023 6:56	0:02	SSA3	0.00950	0.19200	Oversupply
5/9/2023 6:57	8:58	17-2	4.77878	0.75000	Oversupply
5/9/2023 6:58	8:56	BS250	Data is not available	Data is not available	Oversupply
5/9/2023 6:58	9:09	KWP	114.85947	21.08280	System Constraint
5/9/2023 6:58	8:57	SSA3	18.90600	0.00100	Oversupply
5/9/2023 10:11	4:17	AWE	42.00029	17.50000	Oversupply
5/9/2023 12:21	0:01	5A	Data is not available	Data is not available	Oversupply
5/9/2023 12:21	0:01	MS	Data is not available	Data is not available	Oversupply
5/9/2023 14:30	0:01	AWE	0.01112	17.80000	Oversupply
5/9/2023 14:33	0:01	AWE	0.00889	16.90000	Oversupply
5/9/2023 14:36	0:03	AWE	0.01954	17.20000	Oversupply
5/9/2023 14:41	0:01	AWE	0.00253	17.30000	Oversupply
5/9/2023 14:43	0:05	AWE	0.06444	16.70000	Oversupply
5/9/2023 14:49	0:15	AWE	0.71701	17.20000	Oversupply
5/9/2023 15:05	0:05	AWE	0.04732	17.10000	Oversupply
5/9/2023 15:11	0:01	AWE	0.00762	17.40000	Oversupply
5/9/2023 15:14	0:01	AWE	0.00027	16.60000	Oversupply
5/9/2023 15:56	0:02	17-2	0.01685	0.63500	Oversupply
5/9/2023 15:59	0:14	17-2	0.13362	0.67200	Oversupply
5/9/2023 15:59	0:02	SSA3	0.05399	1.42600	Oversupply
5/9/2023 16:00	0:07	BS250	Data is not available	Data is not available	Oversupply
5/9/2023 16:01	0:06	SSA3	0.13063	0.01900	Oversupply
5/9/2023 16:07	0:02	SSA3	0.04366	0.30300	Oversupply
5/9/2023 16:09	0:02	SSA3	0.04330	0.38100	Oversupply
5/9/2023 16:11	0:02	SSA3	0.04295	0.91700	Oversupply
5/9/2023 16:16	0:02	17-2	0.01807	0.55800	Oversupply
5/9/2023 22:52	1:16	KWP	3.56282	19.54595	Oversupply
5/10/2023 0:13	6:10	KWP	58.66622	21.07183	Oversupply
5/10/2023 5:45	0:37	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 6:04	0:18	SSA3	0.01580	0.02200	Oversupply
5/10/2023 7:20	0:03	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 7:20	1:27	17-2	0.14608	0.19000	Oversupply
5/10/2023 7:20	0:02	SSA3	0.02017	0.00300	Oversupply
5/10/2023 7:21	1:24	KWP	5.70632	20.10980	Oversupply
5/10/2023 7:24	1:20	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 7:25	1:19	SSA3	1.50172	-0.00100	Oversupply
5/10/2023 8:43	0:02	SSA3	0.04427	0.04100	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/10/2023 8:45	0:02	SSA3	0.03326	0.65800	Oversupply
5/10/2023 8:55	0:09	17-2	0.02207	0.24400	Oversupply
5/10/2023 8:56	0:07	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 8:56	0:06	SSA3	0.09495	0.01600	Oversupply
5/10/2023 8:57	0:04	KWPPI	0.08724	14.67593	Oversupply
5/10/2023 9:02	0:01	KWPPI	0.03892	15.80162	Oversupply
5/10/2023 9:02	0:02	SSA3	0.02870	0.00900	Oversupply
5/10/2023 9:10	0:02	SSA3	0.03085	1.25700	Oversupply
5/10/2023 9:11	0:01	17-2	0.00440	0.27000	Oversupply
5/10/2023 9:13	1:54	17-2	0.75099	0.75000	Oversupply
5/10/2023 9:14	0:02	SSA3	0.04738	1.27800	Oversupply
5/10/2023 9:15	0:02	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 9:16	0:01	KWPPI	0.00471	16.11897	Oversupply
5/10/2023 9:16	0:02	SSA3	0.06568	0.17900	Oversupply
5/10/2023 9:18	0:01	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 9:18	0:02	SSA3	0.06310	0.19700	Oversupply
5/10/2023 9:20	0:02	SSA3	0.06258	0.47700	Oversupply
5/10/2023 9:22	0:31	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 9:22	0:40	SSA3	1.43451	0.00500	Oversupply
5/10/2023 9:23	0:32	KWPPI	1.34398	17.05705	Oversupply
5/10/2023 9:55	0:07	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 9:56	0:07	KWPPI	0.11479	12.63212	Oversupply
5/10/2023 10:02	0:02	SSA3	0.07051	0.32000	Oversupply
5/10/2023 10:04	0:02	SSA3	0.07169	1.27900	Oversupply
5/10/2023 10:06	0:02	SSA3	0.07051	0.20100	Oversupply
5/10/2023 10:07	0:01	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 10:07	0:01	KWPPI	0.00713	10.47554	Oversupply
5/10/2023 10:08	0:02	SSA3	0.07110	0.11500	Oversupply
5/10/2023 10:09	0:01	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 10:10	0:02	KWPPI	0.00750	12.23793	Oversupply
5/10/2023 10:10	0:02	SSA3	0.07051	0.07800	Oversupply
5/10/2023 10:11	0:07	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 10:12	0:02	SSA3	0.07110	0.10800	Oversupply
5/10/2023 10:14	0:04	KWPPI	0.05180	12.84269	Oversupply
5/10/2023 10:14	0:26	SSA3	1.06295	-0.00700	Oversupply
5/10/2023 10:19	0:22	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 10:20	0:13	KWPPI	0.52869	12.58122	Oversupply
5/10/2023 10:34	0:07	KWPPI	0.21113	13.24586	Oversupply
5/10/2023 10:41	0:02	SSA3	0.08131	0.24300	Oversupply
5/10/2023 10:43	0:02	SSA3	0.08065	0.55500	Oversupply
5/10/2023 10:45	0:02	SSA3	0.06893	1.65200	Oversupply
5/10/2023 10:47	0:02	SSA3	0.06950	0.69800	Oversupply
5/10/2023 10:48	0:09	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 10:48	0:03	KWPPI	0.03233	12.30279	System Constraint
5/10/2023 10:49	0:08	SSA3	0.27630	0.00700	Oversupply
5/10/2023 10:54	0:02	KWPPI	0.01709	11.34276	System Constraint
5/10/2023 10:57	0:02	SSA3	0.06893	0.25200	Oversupply
5/10/2023 10:59	0:02	SSA3	0.04921	1.90500	Oversupply
5/10/2023 11:01	0:02	SSA3	0.05033	1.43400	Oversupply
5/10/2023 11:03	0:02	SSA3	0.05075	0.81300	Oversupply
5/10/2023 11:07	0:02	SSA3	0.05075	1.94800	Oversupply
5/10/2023 11:08	0:05	17-2	0.04972	0.75000	Oversupply
5/10/2023 11:09	0:02	SSA3	0.05033	1.27100	Oversupply
5/10/2023 11:11	0:02	SSA3	0.05117	0.92300	Oversupply
5/10/2023 11:13	0:02	SSA3	0.04634	1.71100	Oversupply
5/10/2023 11:14	0:07	17-2	0.06957	0.75000	Oversupply
5/10/2023 11:15	0:02	SSA3	0.03033	2.11200	Oversupply
5/10/2023 11:17	0:02	SSA3	0.03059	2.07600	Oversupply
5/10/2023 11:25	0:02	SSA3	0.03084	1.97600	Oversupply
5/10/2023 11:26	0:06	17-2	0.03843	0.75000	Oversupply
5/10/2023 11:29	0:02	SSA3	0.05275	1.41800	Oversupply
5/10/2023 12:03	0:41	17-2	0.15927	0.35500	Oversupply
5/10/2023 12:03	0:02	SSA3	0.02196	0.90200	Oversupply
5/10/2023 12:05	0:02	SSA3	0.02196	0.69900	Oversupply
5/10/2023 12:07	0:02	SSA3	0.02232	0.76300	Oversupply
5/10/2023 12:09	0:02	SSA3	0.02178	0.87000	Oversupply
5/10/2023 12:11	0:02	SSA3	0.02178	0.88400	Oversupply
5/10/2023 12:13	0:02	SSA3	0.02468	0.88400	Oversupply
5/10/2023 12:15	0:02	SSA3	0.05824	0.59600	Oversupply
5/10/2023 12:17	0:02	SSA3	0.05728	0.49200	Oversupply
5/10/2023 12:19	0:02	SSA3	0.05871	1.21200	Oversupply
5/10/2023 12:22	0:02	SSA3	0.05824	1.20300	Oversupply
5/10/2023 12:24	0:02	SSA3	0.06110	0.78100	Oversupply
5/10/2023 12:26	0:02	SSA3	0.05776	0.57200	Oversupply
5/10/2023 12:28	0:02	SSA3	0.05524	0.73100	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/10/2023 12:29	0:01	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 12:30	0:02	SSA3	0.04597	0.14200	Oversupply
5/10/2023 12:32	0:02	SSA3	0.04560	0.41000	Oversupply
5/10/2023 12:34	0:02	SSA3	0.04635	1.90100	Oversupply
5/10/2023 12:36	0:02	SSA3	0.04522	1.87900	Oversupply
5/10/2023 12:38	0:02	SSA3	0.04597	1.06300	Oversupply
5/10/2023 12:40	0:02	SSA3	0.04522	1.33200	Oversupply
5/10/2023 12:42	0:02	SSA3	0.04597	1.71600	Oversupply
5/10/2023 12:45	0:03	17-2	0.01594	0.35800	Oversupply
5/10/2023 12:46	0:02	SSA3	0.04193	1.34700	Oversupply
5/10/2023 13:48	0:01	KWPPI	0.01145	13.68696	System Constraint
5/10/2023 13:51	0:06	17-2	0.02934	0.37800	Oversupply
5/10/2023 13:51	0:02	SSA3	0.01582	0.84800	Oversupply
5/10/2023 13:53	0:02	SSA3	0.01621	0.25200	Oversupply
5/10/2023 13:54	0:01	BS250	Data is not available	Data is not available	Oversupply
5/10/2023 13:55	0:02	SSA3	0.01569	0.09600	Oversupply
5/10/2023 14:21	0:01	KWPPI	0.00328	13.19696	System Constraint
5/10/2023 14:35	0:01	KWPPI	0.00571	13.34266	System Constraint
5/11/2023 6:41	0:01	BS250	Data is not available	Data is not available	Oversupply
5/11/2023 10:17	0:01	17-2	0.00373	0.75000	Oversupply
5/11/2023 10:23	0:02	17-2	0.00740	0.75000	Oversupply
5/11/2023 11:27	0:01	17-2	0.00443	0.74700	Oversupply
5/11/2023 11:31	0:01	17-2	0.00125	0.74700	Oversupply
5/11/2023 11:33	0:01	17-2	0.00607	0.74700	Oversupply
5/11/2023 11:35	0:22	17-2	0.27104	0.74700	Oversupply
5/11/2023 11:46	0:02	SSA3	0.03462	1.75200	Oversupply
5/11/2023 11:48	0:02	SSA3	0.03433	1.84000	Oversupply
5/11/2023 11:50	0:02	SSA3	0.03491	1.76800	Oversupply
5/11/2023 11:52	0:02	SSA3	0.03433	1.85200	Oversupply
5/11/2023 11:58	0:04	17-2	0.04645	0.74700	Oversupply
5/11/2023 11:58	0:02	SSA3	0.03522	1.90100	Oversupply
5/11/2023 12:00	0:02	SSA3	0.03664	1.93600	Oversupply
5/11/2023 12:07	0:03	17-2	0.02406	0.74700	Oversupply
5/11/2023 12:12	0:01	17-2	0.00914	0.74700	Oversupply
5/11/2023 12:17	0:02	17-2	0.00792	0.74700	Oversupply
5/11/2023 12:28	0:02	SSA3	0.02354	1.86700	Oversupply
5/11/2023 12:29	0:08	17-2	0.09478	0.74700	Oversupply
5/11/2023 12:30	0:02	SSA3	0.02204	2.08400	Oversupply
5/11/2023 12:32	0:02	SSA3	0.02259	2.10200	Oversupply
5/11/2023 12:45	0:01	KWPPI	0.00008	0.00499	Oversupply
5/12/2023 10:04	3:39	BS250	Data is not available	Data is not available	Oversupply
5/12/2023 10:04	3:47	17-2	1.50291	0.75000	Oversupply
5/12/2023 10:05	3:38	SSA3	9.71508	0.44000	Oversupply
5/12/2023 13:43	0:02	SSA3	0.08723	0.16100	Oversupply
5/12/2023 13:45	0:02	SSA3	0.03678	1.22400	Oversupply
5/12/2023 13:49	0:02	SSA3	0.03678	1.51100	Oversupply
5/12/2023 13:52	0:07	17-2	0.05375	0.75000	Oversupply
5/12/2023 13:55	0:02	SSA3	0.03647	1.74900	Oversupply
5/12/2023 13:57	0:02	SSA3	0.03678	1.73900	Oversupply
5/12/2023 13:59	0:02	SSA3	0.03647	1.73400	Oversupply
5/12/2023 14:00	0:11	17-2	0.07257	0.75000	Oversupply
5/12/2023 14:01	0:02	SSA3	0.03242	1.73500	Oversupply
5/12/2023 14:03	0:02	SSA3	0.03215	1.73500	Oversupply
5/12/2023 14:05	0:02	SSA3	0.03403	1.72700	Oversupply
5/12/2023 14:13	0:02	17-2	0.01500	0.75000	Oversupply
5/12/2023 14:17	0:08	17-2	0.07076	0.75000	Oversupply
5/12/2023 15:07	0:02	SSA3	0.02809	1.53900	Oversupply
5/12/2023 15:08	0:07	17-2	0.07166	0.75000	Oversupply
5/12/2023 15:10	0:02	SSA3	0.02809	1.54900	Oversupply
5/12/2023 15:18	0:03	17-2	0.03073	0.75000	Oversupply
5/12/2023 15:18	0:02	SSA3	0.02818	1.66200	Oversupply
5/12/2023 15:29	0:01	17-2	0.00680	0.71800	Oversupply
5/13/2023 7:42	0:02	SSA3	0.01042	0.54000	Oversupply
5/13/2023 7:43	0:17	17-2	0.02447	0.16400	Oversupply
5/13/2023 7:44	0:02	SSA3	0.01455	0.60700	Oversupply
5/13/2023 7:46	0:02	SSA3	0.02170	0.58200	Oversupply
5/13/2023 7:48	0:02	SSA3	0.02170	0.64000	Oversupply
5/13/2023 7:50	0:02	SSA3	0.02170	0.62100	Oversupply
5/13/2023 7:52	0:02	SSA3	0.02188	0.65900	Oversupply
5/13/2023 7:54	0:01	BS250	Data is not available	Data is not available	Oversupply
5/13/2023 7:54	0:02	SSA3	0.02170	0.09600	Oversupply
5/13/2023 7:55	0:01	KWPPI	0.00072	1.60272	Oversupply
5/13/2023 7:56	0:03	BS250	Data is not available	Data is not available	Oversupply
5/13/2023 7:56	0:04	SSA3	0.03969	0.01900	Oversupply
5/14/2023 11:10	0:02	17-2	0.01363	0.75000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/14/2023 11:13	1:20	17-2	0.85260	0.75000	Oversupply
5/14/2023 11:13	0:02	SSA3	0.04531	1.76200	Oversupply
5/14/2023 11:15	0:02	SSA3	0.06764	1.93000	Oversupply
5/14/2023 11:17	0:02	SSA3	0.06708	1.86200	Oversupply
5/14/2023 11:19	0:02	SSA3	0.06708	1.68900	Oversupply
5/14/2023 11:21	0:04	SSA3	0.13583	0.26800	Oversupply
5/14/2023 11:22	0:03	BS250	Data is not available	Data is not available	Oversupply
5/14/2023 11:23	0:02	KWP11	0.01444	18.26857	Oversupply
5/14/2023 11:25	0:02	SSA3	0.06764	0.45800	Oversupply
5/14/2023 11:27	0:02	SSA3	0.06764	0.69900	Oversupply
5/14/2023 11:29	0:01	KWP11	0.00163	17.37440	Oversupply
5/14/2023 11:29	0:02	SSA3	0.03806	0.47100	Oversupply
5/14/2023 11:32	0:02	SSA3	0.03897	2.07100	Oversupply
5/14/2023 11:34	0:02	SSA3	0.03865	2.07500	Oversupply
5/14/2023 11:40	0:02	SSA3	0.03833	1.99300	Oversupply
5/14/2023 11:42	0:02	SSA3	0.03833	1.06300	Oversupply
5/14/2023 11:44	0:02	SSA3	0.07257	0.97800	Oversupply
5/14/2023 11:46	0:02	SSA3	0.09551	0.71700	Oversupply
5/14/2023 11:47	0:20	BS250	Data is not available	Data is not available	Oversupply
5/14/2023 11:48	0:01	KWP11	0.00229	14.88450	Oversupply
5/14/2023 11:48	0:20	SSA3	0.94634	0.00700	Oversupply
5/14/2023 11:50	0:18	KWP11	0.70716	15.27670	Oversupply
5/14/2023 12:08	0:02	SSA3	0.09488	0.02600	Oversupply
5/14/2023 12:09	0:01	BS250	Data is not available	Data is not available	Oversupply
5/14/2023 12:10	0:01	KWP11	0.01063	13.20494	Oversupply
5/14/2023 12:10	0:04	SSA3	0.18898	0.11900	Oversupply
5/14/2023 12:11	0:06	BS250	Data is not available	Data is not available	Oversupply
5/14/2023 12:12	0:06	KWP11	0.09831	14.25579	Oversupply
5/14/2023 12:14	0:04	SSA3	0.14579	0.03000	Oversupply
5/14/2023 12:18	0:02	SSA3	0.07207	0.45000	Oversupply
5/14/2023 12:20	0:02	SSA3	0.07091	0.85400	Oversupply
5/14/2023 12:22	0:02	SSA3	0.07091	0.68500	Oversupply
5/14/2023 12:24	0:02	SSA3	0.07091	1.20900	Oversupply
5/14/2023 12:26	0:02	SSA3	0.06975	1.52400	Oversupply
5/14/2023 12:28	0:02	SSA3	0.05973	0.52900	Oversupply
5/14/2023 12:30	0:02	SSA3	0.04527	1.28300	Oversupply
5/14/2023 12:34	1:38	17-2	1.03617	0.75000	Oversupply
5/14/2023 12:34	0:02	SSA3	0.04564	1.95000	Oversupply
5/14/2023 12:36	0:02	SSA3	0.04564	1.95300	Oversupply
5/14/2023 12:39	0:02	SSA3	0.04527	1.59300	Oversupply
5/14/2023 12:41	0:02	SSA3	0.04490	1.36900	Oversupply
5/14/2023 12:43	0:02	SSA3	0.05079	0.80100	Oversupply
5/14/2023 12:45	0:02	SSA3	0.08932	0.88900	Oversupply
5/14/2023 12:47	0:02	SSA3	0.08932	1.22900	Oversupply
5/14/2023 12:49	0:53	BS250	Data is not available	Data is not available	Oversupply
5/14/2023 12:49	0:53	SSA3	2.37926	0.01800	Oversupply
5/14/2023 12:51	0:43	KWP11	3.28932	15.76869	Oversupply
5/14/2023 13:35	0:07	KWP11	0.15965	14.57813	Oversupply
5/14/2023 13:41	0:02	SSA3	0.08752	0.52900	Oversupply
5/14/2023 13:44	0:02	SSA3	0.08052	0.32300	Oversupply
5/14/2023 13:45	0:04	BS250	Data is not available	Data is not available	Oversupply
5/14/2023 13:46	0:03	KWP11	0.04180	13.73586	Oversupply
5/14/2023 13:46	0:06	SSA3	0.21974	0.01900	Oversupply
5/14/2023 13:52	0:02	SSA3	0.07285	0.69000	Oversupply
5/14/2023 13:54	0:01	BS250	Data is not available	Data is not available	Oversupply
5/14/2023 13:54	0:02	SSA3	0.07225	0.00100	Oversupply
5/14/2023 13:56	0:02	SSA3	0.07285	0.93500	Oversupply
5/14/2023 13:58	0:02	SSA3	0.07005	1.11700	Oversupply
5/14/2023 14:00	0:02	SSA3	0.05142	1.83300	Oversupply
5/14/2023 14:02	0:02	SSA3	0.05100	0.76300	Oversupply
5/14/2023 14:04	0:02	SSA3	0.05100	0.79400	Oversupply
5/14/2023 14:06	0:01	BS250	Data is not available	Data is not available	Oversupply
5/14/2023 14:06	0:02	SSA3	0.05226	0.28100	Oversupply
5/14/2023 14:08	0:01	BS250	Data is not available	Data is not available	Oversupply
5/14/2023 14:08	0:02	SSA3	0.05142	0.52000	Oversupply
5/14/2023 14:10	0:02	SSA3	0.05100	1.06400	Oversupply
5/14/2023 14:13	0:02	17-2	0.02473	0.75000	Oversupply
5/14/2023 14:22	0:04	17-2	0.04272	0.75000	Oversupply
5/14/2023 14:22	0:02	SSA3	0.02835	1.40600	Oversupply
5/14/2023 14:27	0:07	17-2	0.07770	0.75000	Oversupply
5/14/2023 14:28	0:02	SSA3	0.02763	2.03300	Oversupply
5/14/2023 14:32	0:02	SSA3	0.03436	1.91400	Oversupply
5/14/2023 14:34	0:02	SSA3	0.03408	0.66000	Oversupply
5/14/2023 14:35	0:01	17-2	0.01250	0.75000	Oversupply
5/14/2023 15:27	0:01	17-2	0.01040	0.62400	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/15/2023 9:41	0:01	17-2	0.00584	0.63100	Oversupply
5/15/2023 10:45	3:11	17-2	2.31009	0.75000	Oversupply
5/15/2023 10:50	0:02	SSA3	0.03746	1.11100	Oversupply
5/15/2023 10:54	0:02	SSA3	0.03777	1.14600	Oversupply
5/15/2023 10:56	0:02	SSA3	0.03746	0.16200	Oversupply
5/15/2023 10:57	0:38	BS250	Data is not available	Data is not available	Oversupply
5/15/2023 10:57	0:06	KWP11	0.11755	6.53461	Oversupply
5/15/2023 10:58	0:38	SSA3	1.73404	-0.00100	Oversupply
5/15/2023 11:04	0:30	KWP11	0.97866	6.52064	Oversupply
5/15/2023 11:35	0:01	KWP11	0.00378	7.28507	Oversupply
5/15/2023 11:36	0:02	SSA3	0.08974	0.48400	Oversupply
5/15/2023 11:38	0:02	SSA3	0.09123	0.23500	Oversupply
5/15/2023 11:40	0:05	BS250	Data is not available	Data is not available	Oversupply
5/15/2023 11:40	0:08	SSA3	0.35704	0.01000	Oversupply
5/15/2023 11:42	0:03	KWP11	0.07675	6.93280	Oversupply
5/15/2023 11:46	0:02	BS250	Data is not available	Data is not available	Oversupply
5/15/2023 11:48	0:01	KWP11	0.00479	5.45582	Oversupply
5/15/2023 11:49	0:02	SSA3	0.08105	0.01800	Oversupply
5/15/2023 11:50	0:01	BS250	Data is not available	Data is not available	Oversupply
5/15/2023 11:51	0:02	SSA3	0.08172	0.06800	Oversupply
5/15/2023 11:52	0:02	BS250	Data is not available	Data is not available	Oversupply
5/15/2023 11:53	0:02	KWP11	0.02368	7.22619	Oversupply
5/15/2023 11:53	0:02	SSA3	0.08440	0.02000	Oversupply
5/15/2023 11:55	0:02	SSA3	0.08172	0.52100	Oversupply
5/15/2023 11:56	1:52	BS250	Data is not available	Data is not available	Oversupply
5/15/2023 11:57	1:51	KWP11	11.22679	11.02940	Oversupply
5/15/2023 11:57	1:51	SSA3	5.00326	0.00600	Oversupply
5/15/2023 12:07	0:05	AWE	0.03325	13.20000	Oversupply
5/15/2023 12:13	0:01	AWE	0.00370	10.40000	Oversupply
5/15/2023 12:15	0:01	AWE	0.00804	11.40000	Oversupply
5/15/2023 12:19	0:01	AWE	0.00106	10.00000	Oversupply
5/15/2023 12:25	0:01	AWE	0.00271	12.40000	Oversupply
5/15/2023 12:43	0:03	AWE	0.02014	14.30000	Oversupply
5/15/2023 13:13	0:01	AWE	0.00044	12.50000	Oversupply
5/15/2023 13:16	0:01	AWE	0.00336	12.70000	Oversupply
5/15/2023 13:20	0:02	AWE	0.01741	13.70000	Oversupply
5/15/2023 13:24	0:01	AWE	0.00160	13.30000	Oversupply
5/15/2023 13:28	0:01	AWE	0.00126	13.40000	Oversupply
5/15/2023 13:33	0:01	AWE	0.00092	12.30000	Oversupply
5/15/2023 13:35	0:02	AWE	0.00409	13.90000	Oversupply
5/15/2023 13:39	0:01	AWE	0.00099	13.30000	Oversupply
5/15/2023 13:48	0:02	SSA3	0.04129	0.64400	Oversupply
5/15/2023 13:50	0:02	SSA3	0.04129	1.81900	Oversupply
5/15/2023 13:52	0:02	SSA3	0.04129	1.82100	Oversupply
5/15/2023 14:08	1:36	17-2	1.08860	0.75000	Oversupply
5/15/2023 14:10	0:02	SSA3	0.03283	1.76500	Oversupply
5/15/2023 14:12	0:02	SSA3	0.03310	1.75900	Oversupply
5/15/2023 14:14	0:02	SSA3	0.07363	0.30900	Oversupply
5/15/2023 14:16	0:02	SSA3	0.07524	1.42500	Oversupply
5/15/2023 14:18	0:18	SSA3	0.63345	0.22800	Oversupply
5/15/2023 14:19	0:16	BS250	Data is not available	Data is not available	Oversupply
5/15/2023 14:20	0:16	KWP11	0.37496	9.06343	Oversupply
5/15/2023 14:36	0:02	SSA3	0.06088	0.64500	Oversupply
5/15/2023 14:38	0:01	BS250	Data is not available	Data is not available	Oversupply
5/15/2023 14:39	0:02	SSA3	0.06038	0.00300	Oversupply
5/15/2023 14:39	0:01	KWP11	0.00597	8.19621	Oversupply
5/15/2023 14:41	0:02	SSA3	0.06038	0.69200	Oversupply
5/15/2023 14:43	0:02	SSA3	0.06060	1.41200	Oversupply
5/15/2023 14:47	0:02	SSA3	0.02300	1.59200	Oversupply
5/15/2023 14:49	0:02	SSA3	0.02300	1.59900	Oversupply
5/15/2023 14:51	0:02	SSA3	0.02319	1.51200	Oversupply
5/15/2023 14:53	0:02	SSA3	0.02338	1.58000	Oversupply
5/15/2023 14:55	0:02	SSA3	0.02338	1.56500	Oversupply
5/15/2023 14:57	0:02	SSA3	0.02300	1.55900	Oversupply
5/15/2023 14:59	0:02	SSA3	0.03583	1.55100	Oversupply
5/15/2023 15:01	0:02	SSA3	0.04072	1.07400	Oversupply
5/15/2023 15:03	0:02	SSA3	0.04038	1.20800	Oversupply
5/15/2023 15:05	0:02	SSA3	0.04105	1.06900	Oversupply
5/15/2023 15:07	0:02	SSA3	0.04038	1.10300	Oversupply
5/15/2023 15:09	0:02	SSA3	0.04072	0.65700	Oversupply
5/15/2023 15:11	0:01	BS250	Data is not available	Data is not available	Oversupply
5/15/2023 15:11	0:02	SSA3	0.04072	0.01900	Oversupply
5/15/2023 15:13	0:02	SSA3	0.04105	1.10600	Oversupply
5/15/2023 15:17	0:02	SSA3	0.04259	1.43400	Oversupply
5/15/2023 15:19	0:02	SSA3	0.04295	1.39400	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/15/2023 15:21	0:02	SSA3	0.04224	0.46500	Oversupply
5/15/2023 15:22	0:01	KWP11	0.00313	9.76599	Oversupply
5/15/2023 15:23	0:02	SSA3	0.04224	0.77700	Oversupply
5/15/2023 15:25	0:01	BS250	Data is not available	Data is not available	Oversupply
5/15/2023 15:25	0:02	SSA3	0.04224	0.00700	Oversupply
5/15/2023 15:27	0:02	SSA3	0.04259	0.84800	Oversupply
5/15/2023 15:29	0:02	SSA3	0.03188	0.24100	Oversupply
5/15/2023 15:31	0:02	SSA3	0.02194	1.32500	Oversupply
5/15/2023 15:33	0:02	SSA3	0.02194	0.97500	Oversupply
5/15/2023 15:35	0:02	SSA3	0.02176	1.32400	Oversupply
5/15/2023 15:37	0:02	SSA3	0.02194	1.32000	Oversupply
5/15/2023 15:39	0:02	SSA3	0.02212	1.30600	Oversupply
5/15/2023 15:41	0:02	SSA3	0.02194	1.28800	Oversupply
5/15/2023 15:47	0:02	SSA3	0.03116	1.25700	Oversupply
5/15/2023 15:48	0:08	17-2	0.08305	0.63900	Oversupply
5/15/2023 15:49	0:02	SSA3	0.03141	1.24000	Oversupply
5/15/2023 15:51	0:02	SSA3	0.03090	0.31400	Oversupply
5/15/2023 15:53	0:02	SSA3	0.03141	1.19000	Oversupply
5/15/2023 15:57	0:49	17-2	0.40566	0.60500	Oversupply
5/15/2023 15:57	0:02	SSA3	0.03141	0.93300	Oversupply
5/15/2023 15:58	0:09	BS250	Data is not available	Data is not available	Oversupply
5/15/2023 15:59	0:08	KWP11	0.13549	13.37959	Oversupply
5/15/2023 15:59	0:06	SSA3	0.13633	-0.00100	Oversupply
5/15/2023 16:05	0:02	SSA3	0.04518	0.10600	Oversupply
5/15/2023 16:07	0:02	SSA3	0.04444	0.27600	Oversupply
5/15/2023 16:09	0:02	SSA3	0.04481	0.72500	Oversupply
5/15/2023 16:11	0:02	SSA3	0.04481	0.82400	Oversupply
5/15/2023 16:13	0:02	SSA3	0.04358	0.15000	Oversupply
5/15/2023 16:14	0:01	KWP11	0.00340	16.79060	Oversupply
5/15/2023 16:15	0:06	BS250	Data is not available	Data is not available	Oversupply
5/15/2023 16:15	0:02	SSA3	0.03565	0.00000	Oversupply
5/15/2023 16:16	0:03	KWP11	0.01420	16.26966	Oversupply
5/15/2023 16:17	0:02	SSA3	0.03565	0.00500	Oversupply
5/15/2023 16:19	0:02	SSA3	0.03536	0.00200	Oversupply
5/15/2023 16:20	0:01	KWP11	0.00810	15.33159	Oversupply
5/15/2023 16:21	0:02	SSA3	0.03595	0.97700	Oversupply
5/15/2023 16:23	0:02	SSA3	0.03536	0.23700	Oversupply
5/15/2023 16:25	0:02	SSA3	0.03565	0.91100	Oversupply
5/15/2023 16:27	0:02	SSA3	0.03595	0.89800	Oversupply
5/15/2023 16:29	0:02	SSA3	0.03307	0.13900	Oversupply
5/15/2023 16:31	0:04	SSA3	0.05433	0.09600	Oversupply
5/15/2023 16:32	0:01	BS250	Data is not available	Data is not available	Oversupply
5/15/2023 16:34	0:02	BS250	Data is not available	Data is not available	Oversupply
5/15/2023 16:34	0:02	KWP11	0.00746	16.74270	Oversupply
5/15/2023 16:35	0:02	SSA3	0.02716	0.40500	Oversupply
5/15/2023 16:37	0:02	SSA3	0.02739	0.89400	Oversupply
5/15/2023 16:40	0:02	SSA3	0.02716	0.83100	Oversupply
5/15/2023 16:44	0:02	SSA3	0.02321	0.77700	Oversupply
5/15/2023 16:50	0:03	17-2	0.01953	0.40100	Oversupply
5/15/2023 23:48	0:01	AWE	0.00167	0.10000	Oversupply
5/16/2023 9:24	0:01	17-2	0.00229	0.39300	Oversupply
5/16/2023 9:59	0:02	17-2	0.01620	0.75000	Oversupply
5/16/2023 10:19	0:18	17-2	0.21207	0.75000	Oversupply
5/16/2023 10:21	0:02	SSA3	0.03365	1.62000	Oversupply
5/16/2023 10:23	0:02	SSA3	0.03283	1.15600	Oversupply
5/16/2023 10:25	0:02	SSA3	0.03283	1.63100	Oversupply
5/16/2023 10:27	0:02	SSA3	0.03338	1.25500	Oversupply
5/16/2023 10:29	0:02	SSA3	0.03217	1.31700	Oversupply
5/16/2023 10:31	0:02	SSA3	0.03747	1.60200	Oversupply
5/16/2023 10:33	0:02	SSA3	0.03778	1.61600	Oversupply
5/16/2023 10:35	0:02	SSA3	0.03717	1.66700	Oversupply
5/16/2023 10:45	0:12	17-2	0.14751	0.75000	Oversupply
5/16/2023 10:45	0:10	SSA3	0.28266	1.66800	Oversupply
5/16/2023 11:12	0:05	17-2	0.05354	0.75000	Oversupply
5/16/2023 11:14	0:02	SSA3	0.05553	1.97400	Oversupply
5/16/2023 11:25	0:02	17-2	0.00891	0.75000	Oversupply
5/16/2023 11:31	0:03	17-2	0.03052	0.75000	Oversupply
5/16/2023 11:41	0:01	17-2	0.00315	0.75000	Oversupply
5/16/2023 11:42	0:02	SSA3	0.03786	1.97900	Oversupply
5/16/2023 11:43	0:14	17-2	0.16870	0.75000	Oversupply
5/16/2023 11:44	0:02	SSA3	0.04478	1.98200	Oversupply
5/16/2023 11:46	0:02	SSA3	0.03375	1.97400	Oversupply
5/16/2023 11:48	0:02	SSA3	0.03403	1.98900	Oversupply
5/16/2023 11:50	0:02	SSA3	0.03403	2.00100	Oversupply
5/16/2023 11:52	0:02	SSA3	0.03375	1.63300	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/16/2023 11:54	0:02	SSA3	0.03403	1.09500	Oversupply
5/16/2023 11:58	0:12	17-2	0.12901	0.75000	Oversupply
5/16/2023 11:58	0:02	SSA3	0.03156	0.42700	Oversupply
5/16/2023 12:00	0:02	SSA3	0.04066	0.97100	Oversupply
5/16/2023 12:02	0:02	SSA3	0.04133	1.00500	Oversupply
5/16/2023 12:04	0:02	SSA3	0.04099	1.15500	Oversupply
5/16/2023 12:06	0:02	SSA3	0.04066	1.61800	Oversupply
5/16/2023 12:08	0:02	SSA3	0.04133	2.05500	Oversupply
5/16/2023 12:10	0:02	SSA3	0.04066	2.02100	Oversupply
5/16/2023 12:11	0:04	17-2	0.05000	0.75000	Oversupply
5/16/2023 12:12	0:02	SSA3	0.04133	1.99800	Oversupply
5/16/2023 12:16	0:02	SSA3	0.03701	1.99900	Oversupply
5/16/2023 12:17	0:28	17-2	0.21888	0.75000	Oversupply
5/16/2023 12:18	0:02	SSA3	0.03671	1.60600	Oversupply
5/16/2023 12:19	0:01	KWPPI	0.00100	0.05988	Oversupply
5/16/2023 12:20	0:02	SSA3	0.03701	1.94900	Oversupply
5/16/2023 12:22	0:02	SSA3	0.03671	1.95000	Oversupply
5/16/2023 12:24	0:02	SSA3	0.03701	1.63800	Oversupply
5/16/2023 12:26	0:02	SSA3	0.03701	1.96000	Oversupply
5/16/2023 12:28	0:02	SSA3	0.04221	1.06600	Oversupply
5/16/2023 12:30	0:02	SSA3	0.03302	0.80700	Oversupply
5/16/2023 12:32	0:02	SSA3	0.03275	0.42400	Oversupply
5/16/2023 12:34	0:02	SSA3	0.03330	1.28600	Oversupply
5/16/2023 12:36	0:02	SSA3	0.03275	1.65600	Oversupply
5/16/2023 12:38	0:02	SSA3	0.03330	2.10800	Oversupply
5/16/2023 12:41	0:02	SSA3	0.03330	2.00300	Oversupply
5/16/2023 13:27	0:25	17-2	0.25242	0.75000	Oversupply
5/16/2023 13:27	0:02	SSA3	0.02894	1.95100	Oversupply
5/16/2023 13:29	0:02	SSA3	0.03255	1.98000	Oversupply
5/16/2023 13:31	0:02	SSA3	0.03505	1.93400	Oversupply
5/16/2023 13:33	0:02	SSA3	0.03505	1.93200	Oversupply
5/16/2023 13:35	0:02	SSA3	0.03447	1.90700	Oversupply
5/16/2023 13:37	0:02	SSA3	0.03476	1.92600	Oversupply
5/16/2023 13:39	0:02	SSA3	0.03476	1.31700	Oversupply
5/16/2023 13:43	0:02	SSA3	0.03505	1.82800	Oversupply
5/16/2023 13:47	0:02	SSA3	0.01699	1.82500	Oversupply
5/16/2023 13:49	0:02	SSA3	0.01699	1.91900	Oversupply
5/16/2023 13:59	0:01	17-2	0.00338	0.75000	Oversupply
5/17/2023 7:03	3:22	BS250	Data is not available	Data is not available	Oversupply
5/17/2023 7:03	3:23	17-2	1.06260	0.75000	Oversupply
5/17/2023 7:03	3:22	SSA3	4.79631	0.27200	Oversupply
5/17/2023 7:04	0:10	KWPPI	0.29307	9.43766	Oversupply
5/17/2023 7:16	2:04	KWPPI	16.27330	14.21288	Oversupply
5/17/2023 7:44	0:01	AWE	0.00340	20.10000	Oversupply
5/17/2023 7:46	0:01	AWE	0.00773	19.50000	Oversupply
5/17/2023 7:49	0:01	AWE	0.00656	17.80000	Oversupply
5/17/2023 7:53	0:18	AWE	0.75443	17.40000	Oversupply
5/17/2023 8:15	0:01	AWE	0.00127	14.50000	Oversupply
5/17/2023 8:18	0:02	AWE	0.00925	14.10000	Oversupply
5/17/2023 8:34	0:01	AWE	0.00009	16.50000	Oversupply
5/17/2023 8:42	0:01	AWE	0.00539	15.70000	Oversupply
5/17/2023 8:45	0:01	AWE	0.00071	14.70000	Oversupply
5/17/2023 8:48	0:01	AWE	0.00193	14.90000	Oversupply
5/17/2023 8:50	0:01	AWE	0.00316	13.80000	Oversupply
5/17/2023 8:52	0:01	AWE	0.00162	15.80000	Oversupply
5/17/2023 8:54	0:01	AWE	0.00722	16.20000	Oversupply
5/17/2023 9:01	0:01	AWE	0.00006	15.60000	Oversupply
5/17/2023 9:31	0:01	KWPPI	0.00947	5.63845	System Constraint
5/17/2023 9:35	0:02	KWPPI	0.01139	6.15639	System Constraint
5/17/2023 9:41	0:01	KWPPI	0.00086	6.54958	System Constraint
5/17/2023 10:51	0:01	17-2	0.00065	0.31100	Oversupply
5/17/2023 11:03	0:04	SSA3	0.14457	1.67000	System Constraint
5/17/2023 11:04	0:03	BS250	Data is not available	Data is not available	Oversupply
5/17/2023 11:04	0:04	17-2	0.03227	0.75000	Oversupply
5/17/2023 11:08	2:34	AWE	9.72914	11.80000	System Constraint
5/17/2023 11:09	4:03	17-2	2.46182	0.75000	Oversupply
5/17/2023 11:09	4:03	SSA3	9.81925	0.00200	System Constraint
5/17/2023 12:30	0:02	KWPPI	0.00693	0.54888	System Constraint
5/17/2023 12:44	2:24	KWPPI	8.67005	8.82292	System Constraint
5/17/2023 13:44	0:05	AWE	0.06820	11.70000	System Constraint
5/17/2023 13:50	0:04	AWE	0.08000	11.90000	System Constraint
5/17/2023 13:57	0:12	AWE	0.19654	11.70000	System Constraint
5/17/2023 14:10	0:02	AWE	0.02333	10.90000	System Constraint
5/17/2023 14:13	0:02	AWE	0.01000	10.30000	System Constraint
5/17/2023 14:17	0:06	AWE	0.04667	10.90000	System Constraint



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/17/2023 14:25	0:01	AWE	0.00500	10.30000	System Constraint
5/17/2023 14:27	0:02	AWE	0.01333	10.70000	System Constraint
5/17/2023 14:30	0:06	AWE	0.02804	10.50000	System Constraint
5/17/2023 14:41	0:06	AWE	0.04167	10.70000	System Constraint
5/17/2023 14:51	0:15	AWE	0.73744	14.90000	System Constraint
5/18/2023 7:58	0:05	BS250	Data is not available	Data is not available	Oversupply
5/18/2023 7:58	0:14	17-2	0.03844	0.19300	Oversupply
5/18/2023 7:58	0:06	SSA3	0.07817	0.34500	Oversupply
5/18/2023 7:59	0:01	AWE	0.00021	11.00000	Oversupply
5/18/2023 8:02	0:01	KWP11	0.00048	0.02894	System Constraint
5/18/2023 8:04	0:02	SSA3	0.02958	0.34400	Oversupply
5/18/2023 8:06	0:02	SSA3	0.02934	0.42600	Oversupply
5/18/2023 8:08	0:02	SSA3	0.02958	0.39100	Oversupply
5/18/2023 8:12	0:02	SSA3	0.02934	0.69500	Oversupply
5/18/2023 8:13	0:01	BS250	Data is not available	Data is not available	Oversupply
5/18/2023 8:13	0:09	17-2	0.03078	0.26900	Oversupply
5/18/2023 8:15	0:04	SSA3	0.05174	0.82000	Oversupply
5/18/2023 8:16	0:01	BS250	Data is not available	Data is not available	Oversupply
5/18/2023 8:19	0:01	BS250	Data is not available	Data is not available	Oversupply
5/18/2023 8:19	0:02	SSA3	0.02587	0.33200	Oversupply
5/18/2023 8:20	0:02	AWE	0.00538	14.90000	Oversupply
5/18/2023 8:21	0:02	SSA3	0.02608	0.23900	Oversupply
5/18/2023 8:32	0:02	17-2	0.00370	0.11100	Oversupply
5/18/2023 8:59	0:02	SSA3	0.01698	1.46000	Oversupply
5/18/2023 9:00	0:01	17-2	0.00237	0.29700	Oversupply
5/18/2023 10:33	0:03	17-2	0.00712	0.29700	Oversupply
5/18/2023 10:34	0:02	SSA3	0.02732	1.46400	Oversupply
5/18/2023 10:46	1:57	17-2	0.27752	0.29700	Oversupply
5/18/2023 10:46	0:02	SSA3	0.03962	1.12400	Oversupply
5/18/2023 10:48	0:02	SSA3	0.03995	1.00000	Oversupply
5/18/2023 10:50	0:02	SSA3	0.03962	0.92400	Oversupply
5/18/2023 10:51	0:01	BS250	Data is not available	Data is not available	Oversupply
5/18/2023 10:51	0:01	KWP11	0.00179	0.92211	System Constraint
5/18/2023 10:52	1:41	AWE	4.83968	9.70000	System Constraint
5/18/2023 10:52	1:47	SSA3	4.43223	0.01100	System Constraint
5/18/2023 10:53	0:29	KWP11	0.22916	0.83130	System Constraint
5/18/2023 11:00	0:08	5A	Data is not available	Data is not available	Oversupply
5/18/2023 11:00	0:08	MS	Data is not available	Data is not available	Oversupply
5/18/2023 11:00	1:40	BS250	Data is not available	Data is not available	Oversupply
5/18/2023 11:00	0:08	KWP	0.01067	0.08000	System Constraint
5/18/2023 11:12	1:09	5A	Data is not available	Data is not available	Oversupply
5/18/2023 11:12	1:09	MS	Data is not available	Data is not available	Oversupply
5/18/2023 11:12	1:10	KWP	0.09333	0.08000	System Constraint
5/18/2023 11:56	0:01	KWP11	0.00065	0.03892	System Constraint
5/18/2023 12:11	0:29	KWP11	0.24731	0.93708	System Constraint
5/18/2023 12:34	0:02	AWE	0.01299	6.80000	System Constraint
5/18/2023 12:39	0:02	SSA3	0.05916	0.09700	System Constraint
5/18/2023 12:41	0:02	SSA3	0.06015	1.21300	System Constraint
5/18/2023 13:51	0:33	17-2	0.07683	0.29700	Oversupply
5/18/2023 13:52	0:02	SSA3	0.02521	0.82200	System Constraint
5/18/2023 13:54	0:25	BS250	Data is not available	Data is not available	Oversupply
5/18/2023 13:54	0:24	SSA3	0.37307	0.01000	System Constraint
5/18/2023 13:55	0:21	KWP11	0.62575	3.02979	System Constraint
5/18/2023 13:58	0:01	AWE	0.00302	6.00000	System Constraint
5/18/2023 14:00	0:03	AWE	0.02755	5.40000	System Constraint
5/18/2023 14:06	0:06	AWE	0.11708	4.20000	System Constraint
5/18/2023 14:08	0:04	5A	Data is not available	Data is not available	Oversupply
5/18/2023 14:08	0:04	MS	Data is not available	Data is not available	Oversupply
5/18/2023 14:17	0:01	KWP11	0.01659	2.90305	System Constraint
5/18/2023 14:18	0:02	SSA3	0.01841	0.17700	System Constraint
5/18/2023 14:20	0:02	SSA3	0.01826	0.38200	System Constraint
5/18/2023 14:21	0:01	BS250	Data is not available	Data is not available	Oversupply
5/18/2023 14:22	0:02	SSA3	0.01811	0.70400	System Constraint
5/19/2023 9:50	0:05	BS250	Data is not available	Data is not available	Oversupply
5/19/2023 9:51	0:01	KWP11	0.00336	0.20159	System Constraint
5/19/2023 9:51	0:04	AWE	0.02177	7.50000	Oversupply
5/19/2023 9:51	2:54	17-2	0.41272	0.29700	Oversupply
5/19/2023 9:51	0:04	SSA3	0.04570	0.00300	Oversupply
5/19/2023 9:55	0:02	SSA3	0.02285	0.43000	Oversupply
5/19/2023 9:57	0:01	BS250	Data is not available	Data is not available	Oversupply
5/19/2023 9:57	0:02	SSA3	0.02304	0.15200	Oversupply
5/19/2023 9:59	0:11	BS250	Data is not available	Data is not available	Oversupply
5/19/2023 9:59	0:02	SSA3	0.02879	0.25800	Oversupply
5/19/2023 10:01	0:10	SSA3	0.17406	0.00400	Oversupply
5/19/2023 10:02	0:01	AWE	0.00275	4.00000	Oversupply



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May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/19/2023 10:04	0:04	AWE	0.03269	2.60000	Oversupply
5/19/2023 10:11	0:01	AWE	0.00099	2.40000	Oversupply
5/19/2023 10:11	0:02	SSA3	0.03498	0.06800	Oversupply
5/19/2023 10:13	0:08	BS250	Data is not available	Data is not available	Oversupply
5/19/2023 10:13	0:01	AWE	0.00101	2.50000	Oversupply
5/19/2023 10:13	0:02	SSA3	0.02985	0.00300	Oversupply
5/19/2023 10:15	0:01	AWE	0.00605	1.80000	Oversupply
5/19/2023 10:15	0:02	SSA3	0.02788	0.09700	Oversupply
5/19/2023 10:17	0:02	AWE	0.01434	1.70000	Oversupply
5/19/2023 10:17	0:04	SSA3	0.05531	0.00100	Oversupply
5/19/2023 10:20	0:01	AWE	0.00541	1.50000	Oversupply
5/19/2023 10:21	0:02	SSA3	0.02788	0.19800	Oversupply
5/19/2023 10:23	0:02	SSA3	0.02766	0.81000	Oversupply
5/19/2023 10:25	0:02	SSA3	0.02766	0.69100	Oversupply
5/19/2023 10:27	0:02	SSA3	0.02766	0.96100	Oversupply
5/19/2023 10:29	0:02	SSA3	0.03506	0.53400	Oversupply
5/19/2023 10:31	0:02	SSA3	0.04387	0.68800	Oversupply
5/19/2023 10:33	0:04	SSA3	0.08847	0.08200	Oversupply
5/19/2023 10:36	0:01	BS250	Data is not available	Data is not available	Oversupply
5/19/2023 10:37	0:02	SSA3	0.04460	0.25500	Oversupply
5/19/2023 10:39	0:02	SSA3	0.04460	0.29100	Oversupply
5/19/2023 10:41	0:02	SSA3	0.04424	0.02400	Oversupply
5/19/2023 10:42	0:04	BS250	Data is not available	Data is not available	Oversupply
5/19/2023 10:42	0:04	KWP	0.01583	1.04187	System Constraint
5/19/2023 10:43	1:55	SSA3	4.05866	0.00900	Oversupply
5/19/2023 10:47	1:52	BS250	Data is not available	Data is not available	Oversupply
5/19/2023 10:47	0:01	KWP	0.00068	0.08000	System Constraint
5/19/2023 10:47	0:10	KWP	0.03468	0.74248	System Constraint
5/19/2023 10:48	1:51	5A	Data is not available	Data is not available	Oversupply
5/19/2023 10:48	1:51	MS	Data is not available	Data is not available	Oversupply
5/19/2023 10:49	0:01	KWP	0.00133	0.08000	System Constraint
5/19/2023 10:52	1:48	KWP	0.15467	0.24000	System Constraint
5/19/2023 11:07	0:12	AWE	0.05500	0.40000	Oversupply
5/19/2023 11:20	0:01	AWE	0.00167	0.10000	Oversupply
5/19/2023 11:49	0:51	AWE	0.42833	0.90000	Oversupply
5/19/2023 12:30	0:04	KWP	0.02671	0.64468	System Constraint
5/19/2023 12:39	0:02	SSA3	0.03880	0.17400	Oversupply
5/19/2023 12:40	0:02	BS250	Data is not available	Data is not available	Oversupply
5/19/2023 12:41	0:01	AWE	0.00731	1.20000	Oversupply
5/19/2023 12:41	0:02	SSA3	0.03880	0.11200	Oversupply
5/19/2023 12:43	0:02	SSA3	0.03741	0.23900	Oversupply
5/19/2023 12:54	0:05	17-2	0.00988	0.29700	Oversupply
5/19/2023 12:55	0:02	SSA3	0.00952	0.71700	Oversupply
5/19/2023 12:57	0:02	SSA3	0.00952	0.73100	Oversupply
5/19/2023 13:01	0:17	17-2	0.03982	0.29700	Oversupply
5/19/2023 13:01	0:02	SSA3	0.02340	0.76500	Oversupply
5/19/2023 13:03	0:02	SSA3	0.02340	0.75600	Oversupply
5/19/2023 13:05	0:02	SSA3	0.02340	0.74100	Oversupply
5/19/2023 13:07	0:02	SSA3	0.02321	0.53300	Oversupply
5/19/2023 13:09	0:02	SSA3	0.02321	0.33100	Oversupply
5/19/2023 13:10	0:01	BS250	Data is not available	Data is not available	Oversupply
5/19/2023 13:11	0:02	SSA3	0.02340	0.12000	Oversupply
5/19/2023 13:12	0:01	AWE	0.00186	7.40000	Oversupply
5/19/2023 13:13	0:02	SSA3	0.02189	0.33000	Oversupply
5/19/2023 13:15	0:02	SSA3	0.03075	0.65800	Oversupply
5/19/2023 13:19	0:02	SSA3	0.03100	0.89600	Oversupply
5/19/2023 13:20	1:54	17-2	0.26866	0.29700	Oversupply
5/19/2023 13:21	0:02	SSA3	0.03050	0.97900	Oversupply
5/19/2023 13:23	0:02	SSA3	0.03075	1.11000	Oversupply
5/19/2023 13:25	0:02	SSA3	0.03075	0.19600	Oversupply
5/19/2023 13:27	1:22	BS250	Data is not available	Data is not available	Oversupply
5/19/2023 13:27	0:01	AWE	0.00119	7.40000	Oversupply
5/19/2023 13:27	1:21	SSA3	2.85554	0.00800	Oversupply
5/19/2023 13:30	1:19	AWE	3.30895	11.20000	Oversupply
5/19/2023 13:56	0:26	5A	Data is not available	Data is not available	Oversupply
5/19/2023 13:56	0:26	MS	Data is not available	Data is not available	Oversupply
5/19/2023 13:57	0:25	KWP	0.03333	0.08000	System Constraint
5/19/2023 14:48	0:02	SSA3	0.06345	0.21600	Oversupply
5/19/2023 14:50	0:01	BS250	Data is not available	Data is not available	Oversupply
5/19/2023 14:50	0:02	SSA3	0.06397	0.02300	Oversupply
5/19/2023 14:52	0:02	BS250	Data is not available	Data is not available	Oversupply
5/19/2023 14:52	0:02	SSA3	0.06397	0.03500	Oversupply
5/19/2023 14:55	0:02	SSA3	0.06450	0.25100	Oversupply
5/19/2023 14:57	0:02	SSA3	0.06397	0.26200	Oversupply
5/19/2023 14:59	0:02	SSA3	0.05905	0.57500	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
5/19/2023 15:01	0:02	SSA3	0.05264	0.87600	Oversupply
5/19/2023 15:03	0:02	SSA3	0.05264	1.05100	Oversupply
5/19/2023 15:05	0:02	SSA3	0.05351	0.65900	Oversupply
5/19/2023 15:07	0:02	SSA3	0.05264	0.14900	Oversupply
5/19/2023 15:09	0:02	SSA3	0.05307	0.43400	Oversupply
5/19/2023 15:11	0:02	SSA3	0.05307	0.71700	Oversupply
5/19/2023 15:13	0:02	SSA3	0.04907	0.23100	Oversupply
5/20/2023 9:41	0:01	17-2	0.00237	0.29700	Oversupply
5/20/2023 9:43	0:03	17-2	0.00665	0.29700	Oversupply
5/20/2023 9:52	0:04	17-2	0.00908	0.29700	Oversupply
5/20/2023 11:29	0:04	17-2	0.00949	0.29700	Oversupply
5/20/2023 11:34	0:10	17-2	0.02372	0.29700	Oversupply
5/20/2023 11:38	0:02	SSA3	0.03261	1.79700	Oversupply
5/20/2023 11:40	0:02	SSA3	0.03315	1.79800	Oversupply
5/20/2023 11:42	0:02	SSA3	0.03261	1.79900	Oversupply
5/20/2023 11:45	0:02	17-2	0.00325	0.29700	Oversupply
5/20/2023 11:48	0:12	17-2	0.02846	0.29700	Oversupply
5/20/2023 11:51	0:02	SSA3	0.03300	1.81900	Oversupply
5/20/2023 11:53	0:02	SSA3	0.03273	1.83900	Oversupply
5/20/2023 11:55	0:02	SSA3	0.03300	1.85000	Oversupply
5/20/2023 11:57	0:02	SSA3	0.03273	1.83900	Oversupply
5/20/2023 11:59	0:02	SSA3	0.03398	1.80400	Oversupply
5/20/2023 12:01	0:07	17-2	0.01660	0.29700	Oversupply
5/20/2023 12:01	0:02	SSA3	0.03435	1.80500	Oversupply
5/20/2023 12:03	0:02	SSA3	0.03435	1.80400	Oversupply
5/20/2023 12:05	0:02	SSA3	0.03464	1.81700	Oversupply
5/20/2023 12:10	0:23	17-2	0.05273	0.29700	Oversupply
5/20/2023 12:15	0:02	SSA3	0.04183	1.58300	Oversupply
5/20/2023 12:17	0:02	SSA3	0.04149	1.82300	Oversupply
5/20/2023 12:19	0:02	SSA3	0.04218	1.31200	Oversupply
5/20/2023 12:21	0:02	SSA3	0.04218	0.60000	Oversupply
5/20/2023 12:23	0:02	SSA3	0.04183	1.48500	Oversupply
5/20/2023 12:25	0:02	SSA3	0.04149	1.87000	Oversupply
5/20/2023 12:27	0:02	SSA3	0.04218	1.86600	Oversupply
5/20/2023 12:29	0:02	SSA3	0.04003	1.89400	Oversupply
5/20/2023 12:31	0:02	SSA3	0.03259	1.86400	Oversupply
5/21/2023 8:31	4:49	17-2	0.68549	0.29700	Oversupply
5/21/2023 8:32	0:01	KWPPI	0.00045	14.33463	Oversupply
5/21/2023 8:36	0:02	SSA3	0.03759	1.34800	Oversupply
5/21/2023 8:38	0:07	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 8:38	0:06	SSA3	0.11372	0.01200	Oversupply
5/21/2023 8:39	0:06	KWPPI	0.05309	14.75676	Oversupply
5/21/2023 8:44	0:02	SSA3	0.04229	0.00000	Oversupply
5/21/2023 8:46	0:02	SSA3	0.05239	0.59800	Oversupply
5/21/2023 8:48	0:02	SSA3	0.05239	0.75000	Oversupply
5/21/2023 8:49	0:15	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 8:50	0:14	KWPPI	0.57410	15.03220	Oversupply
5/21/2023 8:50	0:12	SSA3	0.31574	0.04500	Oversupply
5/21/2023 9:02	0:02	SSA3	0.05403	0.00000	Oversupply
5/21/2023 9:04	0:02	SSA3	0.05448	0.61400	Oversupply
5/21/2023 9:06	0:02	SSA3	0.05537	0.39700	Oversupply
5/21/2023 9:07	0:02	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 9:08	0:02	SSA3	0.05493	0.24600	Oversupply
5/21/2023 9:10	0:02	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 9:10	0:01	KWPPI	0.00403	15.35853	Oversupply
5/21/2023 9:10	0:02	SSA3	0.05448	0.04000	Oversupply
5/21/2023 9:12	0:02	SSA3	0.05493	0.23100	Oversupply
5/21/2023 9:14	0:02	SSA3	0.05289	0.33600	Oversupply
5/21/2023 9:15	0:02	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 9:16	0:02	SSA3	0.05736	0.38900	Oversupply
5/21/2023 9:18	0:02	SSA3	0.05736	1.16400	Oversupply
5/21/2023 9:20	0:04	SSA3	0.11472	0.51300	Oversupply
5/21/2023 9:22	0:03	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 9:23	0:01	KWPPI	0.00533	16.44630	Oversupply
5/21/2023 9:24	0:02	SSA3	0.05736	0.01200	Oversupply
5/21/2023 9:26	0:07	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 9:26	0:02	SSA3	0.05736	0.01800	Oversupply
5/21/2023 9:27	0:02	KWPPI	0.01391	16.23075	Oversupply
5/21/2023 9:28	0:04	SSA3	0.12611	0.00400	Oversupply
5/21/2023 9:30	0:03	KWPPI	0.03705	15.69883	Oversupply
5/21/2023 9:32	0:02	SSA3	0.06677	0.39500	Oversupply
5/21/2023 9:35	0:02	SSA3	0.06622	0.69100	Oversupply
5/21/2023 9:36	3:43	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 9:37	0:11	KWPPI	0.27925	15.92437	Oversupply
5/21/2023 9:37	3:43	SSA3	9.21654	0.01600	Oversupply



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May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/21/2023 9:50	3:29	KWPPI	21.83893	14.98330	Oversupply
5/21/2023 10:59	0:03	AWE	0.01181	21.00000	Oversupply
5/21/2023 11:07	0:01	AWE	0.00291	20.70000	Oversupply
5/21/2023 11:15	0:01	AWE	0.00407	21.00000	Oversupply
5/21/2023 11:17	0:01	AWE	0.00675	20.50000	Oversupply
5/21/2023 11:19	0:01	AWE	0.00473	18.90000	Oversupply
5/21/2023 11:21	0:07	AWE	0.23911	21.00000	Oversupply
5/21/2023 12:32	0:03	AWE	0.03007	19.70000	Oversupply
5/21/2023 12:37	0:10	AWE	0.21838	20.30000	Oversupply
5/21/2023 12:49	0:02	AWE	0.02590	21.00000	Oversupply
5/21/2023 12:52	0:01	AWE	0.00974	21.00000	Oversupply
5/21/2023 13:19	0:02	SSA3	0.01185	0.76200	Oversupply
5/21/2023 13:21	0:01	17-2	0.00237	0.29700	Oversupply
5/21/2023 13:23	0:09	17-2	0.01945	0.29700	Oversupply
5/21/2023 13:25	0:02	SSA3	0.01176	0.53600	Oversupply
5/21/2023 13:27	0:02	SSA3	0.01185	0.55100	Oversupply
5/21/2023 13:29	0:02	SSA3	-0.00036	0.75600	Oversupply
5/21/2023 13:35	0:01	17-2	0.00195	0.29700	Oversupply
5/21/2023 14:31	0:02	17-2	0.00474	0.29700	Oversupply
5/21/2023 14:34	0:36	17-2	0.08539	0.29700	Oversupply
5/21/2023 14:34	0:02	SSA3	0.06280	0.70700	Oversupply
5/21/2023 14:38	0:03	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 14:38	0:02	SSA3	0.06331	0.33500	Oversupply
5/21/2023 14:39	0:02	KWPPI	0.03732	9.71609	Oversupply
5/21/2023 14:40	0:02	SSA3	0.06331	0.00700	Oversupply
5/21/2023 14:42	0:04	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 14:42	0:04	SSA3	0.13024	0.02000	Oversupply
5/21/2023 14:44	0:03	KWPPI	0.05613	9.82786	Oversupply
5/21/2023 14:46	0:02	SSA3	0.05884	0.56000	Oversupply
5/21/2023 14:48	0:02	SSA3	0.05884	1.17400	Oversupply
5/21/2023 14:50	0:02	SSA3	0.05884	0.54100	Oversupply
5/21/2023 14:52	0:07	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 14:52	0:06	KWPPI	0.11256	9.38278	Oversupply
5/21/2023 14:52	0:04	SSA3	0.11768	0.00300	Oversupply
5/21/2023 14:56	0:02	SSA3	0.05884	0.01800	Oversupply
5/21/2023 14:58	0:02	SSA3	0.05153	0.01800	Oversupply
5/21/2023 15:00	0:02	SSA3	0.04217	0.72600	Oversupply
5/21/2023 15:02	0:04	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 15:02	0:02	SSA3	0.04217	0.23200	Oversupply
5/21/2023 15:04	0:02	KWPPI	0.02169	7.59344	Oversupply
5/21/2023 15:04	0:02	SSA3	0.04183	-0.00200	Oversupply
5/21/2023 15:06	0:02	SSA3	0.04183	0.35600	Oversupply
5/21/2023 15:11	0:01	17-2	0.00089	0.29700	Oversupply
5/21/2023 17:48	0:22	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 17:49	0:22	KWPPI	1.51297	18.62085	Oversupply
5/21/2023 17:49	0:22	17-2	0.05218	0.29700	Oversupply
5/21/2023 17:49	0:22	SSA3	0.15069	0.25100	Oversupply
5/21/2023 18:13	0:11	17-2	0.02583	0.29700	Oversupply
5/21/2023 18:13	0:02	SSA3	0.01128	-0.00100	Oversupply
5/21/2023 18:14	0:09	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 18:15	0:08	SSA3	0.01309	0.02700	Oversupply
5/21/2023 18:16	0:07	KWPPI	0.13981	18.90726	Oversupply
5/21/2023 18:59	0:01	17-2	0.00237	0.29700	Oversupply
5/21/2023 19:01	0:02	BS250	Data is not available	Data is not available	Oversupply
5/21/2023 19:02	0:01	KWPPI	0.00278	17.07302	Oversupply
5/21/2023 19:02	0:01	17-2	0.00237	0.29700	Oversupply
5/21/2023 19:04	0:57	17-2	0.13292	0.29700	Oversupply
5/21/2023 19:05	0:55	KWPPI	4.76921	19.55793	Oversupply
5/21/2023 23:51	0:27	17-2	0.06130	0.29700	Oversupply
5/21/2023 23:52	0:25	KWPPI	1.16284	19.59086	Oversupply
5/22/2023 0:30	0:16	KWPPI	0.46850	19.58188	Oversupply
5/22/2023 0:30	0:16	17-2	0.03795	0.29700	Oversupply
5/22/2023 0:53	2:47	KWPPI	22.21489	19.58687	Oversupply
5/22/2023 0:53	2:47	17-2	0.39612	0.29700	Oversupply
5/22/2023 3:41	0:37	KWPPI	2.07648	19.58288	Oversupply
5/22/2023 3:41	1:43	17-2	0.24431	0.29700	Oversupply
5/22/2023 4:19	1:05	KWPPI	4.46342	19.58188	Oversupply
5/22/2023 5:32	0:22	KWPPI	0.97473	19.57888	Oversupply
5/22/2023 5:32	0:22	17-2	0.05218	0.29700	Oversupply
5/22/2023 5:45	0:08	BS250	Data is not available	Data is not available	Oversupply
5/22/2023 5:57	0:11	BS250	Data is not available	Data is not available	Oversupply
5/22/2023 5:57	0:20	17-2	0.04440	0.29700	Oversupply
5/22/2023 5:58	0:15	KWPPI	0.21589	19.57988	Oversupply
5/22/2023 6:09	0:03	BS250	Data is not available	Data is not available	Oversupply
5/22/2023 6:13	0:01	BS250	Data is not available	Data is not available	Oversupply



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May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/22/2023 6:14	0:02	KWP/II	0.01130	19.56890	Oversupply
5/22/2023 6:37	0:27	BS250	Data is not available	Data is not available	Oversupply
5/22/2023 6:37	0:28	KWP/II	0.98524	19.58687	Oversupply
5/22/2023 6:37	0:29	17-2	0.06851	0.29700	Oversupply
5/22/2023 6:37	0:28	SSA3	0.13855	0.00000	Oversupply
5/22/2023 7:11	0:01	17-2	0.00063	0.29700	Oversupply
5/22/2023 7:17	8:00	17-2	1.13637	0.29700	Oversupply
5/22/2023 7:18	0:02	SSA3	0.02093	0.25300	Oversupply
5/22/2023 7:19	7:58	BS250	Data is not available	Data is not available	Oversupply
5/22/2023 7:19	8:44	KWP/II	118.11624	20.48603	Oversupply
5/22/2023 7:20	7:57	SSA3	15.15055	0.00300	Oversupply
5/22/2023 8:07	0:01	KWP	0.00267	22.16000	System Constraint
5/22/2023 8:10	0:01	KWP	0.00267	22.32000	System Constraint
5/22/2023 8:17	0:01	KWP	0.00267	22.16000	System Constraint
5/22/2023 8:22	0:01	KWP	0.00267	22.16000	System Constraint
5/22/2023 8:27	0:01	KWP	0.00267	22.16000	System Constraint
5/22/2023 8:31	0:02	KWP	0.00533	22.32000	System Constraint
5/22/2023 8:51	5:14	AWE	68.77538	21.00000	Oversupply
5/22/2023 8:53	1:16	5A	Data is not available	Data is not available	Oversupply
5/22/2023 8:53	1:16	MS	Data is not available	Data is not available	Oversupply
5/22/2023 9:03	0:01	KWP	0.00267	18.32000	System Constraint
5/22/2023 9:05	0:01	KWP	0.00267	18.16000	System Constraint
5/22/2023 9:10	0:01	KWP	0.00267	15.12000	System Constraint
5/22/2023 9:28	0:01	KWP	0.00267	9.52000	System Constraint
5/22/2023 11:50	0:01	5A	Data is not available	Data is not available	Oversupply
5/22/2023 11:50	0:01	MS	Data is not available	Data is not available	Oversupply
5/22/2023 11:53	0:02	5A	Data is not available	Data is not available	Oversupply
5/22/2023 11:53	0:02	MS	Data is not available	Data is not available	Oversupply
5/22/2023 11:57	0:07	5A	Data is not available	Data is not available	Oversupply
5/22/2023 11:57	0:07	MS	Data is not available	Data is not available	Oversupply
5/22/2023 11:57	0:01	KWP	0.00533	17.20000	Oversupply
5/22/2023 12:12	0:01	5A	Data is not available	Data is not available	Oversupply
5/22/2023 12:12	0:01	MS	Data is not available	Data is not available	Oversupply
5/22/2023 14:07	0:01	AWE	0.00024	21.00000	Oversupply
5/22/2023 14:13	0:03	AWE	0.03072	21.00000	Oversupply
5/22/2023 14:17	0:31	AWE	1.57737	21.00000	Oversupply
5/22/2023 14:49	0:18	AWE	1.19855	21.00000	Oversupply
5/22/2023 16:21	0:02	17-2	0.00474	0.29700	Oversupply
5/23/2023 1:33	0:09	17-2	0.01797	0.29700	Oversupply
5/23/2023 1:34	0:05	KWP/II	0.04826	14.39950	Oversupply
5/23/2023 1:54	0:01	17-2	0.00205	0.29700	Oversupply
5/23/2023 4:23	0:01	17-2	0.00237	0.29700	Oversupply
5/23/2023 4:35	0:01	17-2	0.00237	0.29700	Oversupply
5/23/2023 5:18	0:13	17-2	0.02860	0.29700	Oversupply
5/23/2023 5:19	0:01	KWP/II	0.00318	19.07691	Oversupply
5/23/2023 5:22	0:01	KWP/II	0.00119	18.92722	Oversupply
5/23/2023 5:25	0:04	KWP/II	0.06212	18.84738	Oversupply
5/23/2023 5:30	0:01	KWP/II	0.00552	19.02901	Oversupply
5/23/2023 5:32	0:18	17-2	0.04083	0.29700	Oversupply
5/23/2023 5:33	0:01	KWP/II	0.00417	18.96814	Oversupply
5/23/2023 5:36	0:14	KWP/II	0.37974	19.46811	Oversupply
5/23/2023 5:45	0:05	BS250	Data is not available	Data is not available	Oversupply
5/23/2023 7:18	0:01	17-2	0.00237	0.29700	Oversupply
5/23/2023 7:19	0:02	SSA3	0.01160	0.37300	Oversupply
5/23/2023 7:20	0:01	17-2	0.00237	0.29700	Oversupply
5/23/2023 7:22	0:01	17-2	0.00092	0.29700	Oversupply
5/23/2023 7:24	0:02	17-2	0.00275	0.29700	Oversupply
5/23/2023 7:25	0:02	SSA3	0.01170	0.42400	Oversupply
5/23/2023 7:27	0:01	BS250	Data is not available	Data is not available	Oversupply
5/23/2023 7:27	8:55	17-2	1.26899	0.29700	Oversupply
5/23/2023 7:27	0:02	SSA3	0.01160	0.10000	Oversupply
5/23/2023 7:29	0:02	SSA3	0.01800	0.17700	Oversupply
5/23/2023 7:31	0:48	BS250	Data is not available	Data is not available	Oversupply
5/23/2023 7:31	0:02	SSA3	0.02797	0.01100	Oversupply
5/23/2023 7:32	9:07	KWP/II	134.95505	20.86126	Oversupply
5/23/2023 7:33	8:39	SSA3	18.46502	0.00000	Oversupply
5/23/2023 8:20	7:51	BS250	Data is not available	Data is not available	Oversupply
5/23/2023 8:24	0:02	KWP	0.00800	25.36000	System Constraint
5/23/2023 8:27	0:01	KWP	0.00267	22.16000	System Constraint
5/23/2023 9:09	5:58	AWE	114.65869	21.00000	Oversupply
5/23/2023 9:11	0:01	KWP	0.00533	22.32000	System Constraint
5/23/2023 9:14	0:01	KWP	0.00533	22.64000	System Constraint
5/23/2023 9:16	0:01	KWP	0.00267	22.16000	System Constraint
5/23/2023 9:21	0:01	KWP	0.00267	22.32000	System Constraint
5/23/2023 9:23	5:09	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
5/23/2023 9:23	5:09	MS	Data is not available	Data is not available	Oversupply
5/23/2023 9:33	0:01	KWP	0.00267	19.12000	System Constraint
5/23/2023 9:38	0:01	KWP	0.00533	16.08000	System Constraint
5/23/2023 10:00	0:01	KWP	0.00267	12.72000	System Constraint
5/23/2023 10:31	0:03	KWP	0.00713	7.28000	System Constraint
5/23/2023 10:46	0:01	KWP	0.00267	10.16000	System Constraint
5/23/2023 10:48	0:01	KWP	0.00533	10.64000	System Constraint
5/23/2023 10:50	0:01	KWP	0.00267	10.32000	System Constraint
5/23/2023 10:59	0:01	KWP	0.00267	9.20000	System Constraint
5/23/2023 11:07	0:01	KWP	0.00267	8.56000	System Constraint
5/23/2023 11:09	0:01	KWP	0.00267	7.92000	System Constraint
5/23/2023 11:11	0:02	KWP	0.00660	8.88000	System Constraint
5/23/2023 11:20	0:01	KWP	0.00267	7.12000	System Constraint
5/23/2023 11:31	0:01	KWP	0.00073	6.32000	System Constraint
5/23/2023 11:36	0:01	KWP	0.00267	5.52000	System Constraint
5/23/2023 11:42	0:01	KWP	0.00248	6.32000	System Constraint
5/23/2023 11:46	0:01	KWP	0.00533	5.68000	System Constraint
5/23/2023 12:14	0:02	KWP	0.01067	6.16000	System Constraint
5/23/2023 12:25	0:01	KWP	0.00267	3.44000	System Constraint
5/23/2023 12:55	0:01	KWP	0.00267	11.92000	System Constraint
5/23/2023 13:11	0:01	KWP	0.00267	13.04000	System Constraint
5/23/2023 13:29	0:01	KWP	0.00533	15.44000	System Constraint
5/23/2023 13:33	0:01	KWP	0.00267	14.48000	System Constraint
5/23/2023 13:46	0:01	KWP	0.00267	10.80000	System Constraint
5/23/2023 14:05	0:01	KWP	0.00533	12.40000	System Constraint
5/23/2023 14:38	0:01	KWP	0.00267	22.16000	System Constraint
5/23/2023 14:41	0:01	KWP	0.00267	22.16000	System Constraint
5/23/2023 16:12	0:02	SSA3	0.03351	0.79600	Oversupply
5/23/2023 16:14	0:02	SSA3	0.03027	1.10900	Oversupply
5/23/2023 16:16	0:02	SSA3	0.00909	1.05800	Oversupply
5/23/2023 16:18	0:02	SSA3	0.00916	0.38000	Oversupply
5/23/2023 16:20	0:02	SSA3	0.00916	0.48400	Oversupply
5/23/2023 16:38	0:02	SSA3	0.00950	0.17700	Oversupply
5/23/2023 16:39	0:03	17-2	0.00712	0.29700	Oversupply
5/23/2023 16:40	0:02	SSA3	0.00942	0.21100	Oversupply
5/24/2023 2:32	0:01	KWP	0.00171	0.10279	Oversupply
5/24/2023 2:59	0:07	KWP	0.14333	13.56321	Oversupply
5/24/2023 2:59	0:07	17-2	0.01660	0.29700	Oversupply
5/24/2023 3:07	2:38	17-2	0.37477	0.29700	Oversupply
5/24/2023 3:09	2:36	KWP	26.38779	18.03904	Oversupply
5/24/2023 3:23	0:13	AWE	0.29339	20.90000	Oversupply
5/24/2023 3:50	0:01	AWE	0.00484	15.50000	Oversupply
5/24/2023 3:52	0:01	AWE	0.00277	16.30000	Oversupply
5/24/2023 6:22	0:01	BS250	Data is not available	Data is not available	Oversupply
5/24/2023 6:23	0:02	17-2	0.00398	0.29700	Oversupply
5/24/2023 6:42	0:09	17-2	0.01994	0.29700	Oversupply
5/24/2023 6:42	11:51	KWP	171.27099	21.10775	System Constraint
5/24/2023 6:43	0:06	BS250	Data is not available	Data is not available	Oversupply
5/24/2023 6:43	0:06	SSA3	0.01230	0.00100	Oversupply
5/24/2023 6:49	0:02	SSA3	0.00413	0.08500	Oversupply
5/24/2023 6:52	0:03	BS250	Data is not available	Data is not available	Oversupply
5/24/2023 6:52	9:10	17-2	4.16020	0.75000	Oversupply
5/24/2023 6:53	0:02	SSA3	0.00420	0.00000	Oversupply
5/24/2023 6:57	0:20	BS250	Data is not available	Data is not available	Oversupply
5/24/2023 6:57	0:20	SSA3	0.12889	-0.00100	Oversupply
5/24/2023 7:17	0:02	SSA3	0.02134	0.33600	Oversupply
5/24/2023 7:18	0:12	BS250	Data is not available	Data is not available	Oversupply
5/24/2023 7:19	0:10	SSA3	0.10546	0.00200	Oversupply
5/24/2023 7:29	0:02	SSA3	0.01994	0.09600	Oversupply
5/24/2023 7:31	0:01	BS250	Data is not available	Data is not available	Oversupply
5/24/2023 7:31	0:02	SSA3	0.02520	0.11000	Oversupply
5/24/2023 7:33	0:02	SSA3	0.02500	0.47800	Oversupply
5/24/2023 7:35	8:22	BS250	Data is not available	Data is not available	Oversupply
5/24/2023 7:35	8:22	SSA3	17.62573	0.00100	Oversupply
5/24/2023 8:06	0:07	AWE	0.05412	21.00000	Oversupply
5/24/2023 8:21	0:01	AWE	0.00028	21.00000	Oversupply
5/24/2023 8:37	0:02	AWE	0.01096	21.00000	Oversupply
5/24/2023 8:42	0:01	AWE	0.00191	21.00000	Oversupply
5/24/2023 8:44	6:13	AWE	76.84737	21.00000	Oversupply
5/24/2023 9:17	0:01	5A	Data is not available	Data is not available	Oversupply
5/24/2023 9:17	0:01	MS	Data is not available	Data is not available	Oversupply
5/24/2023 9:20	2:17	5A	Data is not available	Data is not available	Oversupply
5/24/2023 9:20	2:17	MS	Data is not available	Data is not available	Oversupply
5/24/2023 10:37	0:01	KWP	0.00267	8.88000	System Constraint
5/24/2023 10:48	0:01	KWP	0.00533	8.88000	System Constraint



Maui Curtailment Report

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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/24/2023 10:55	0:02	KWP	0.00800	7.28000	System Constraint
5/24/2023 11:12	0:01	KWP	0.00267	6.32000	System Constraint
5/24/2023 11:19	0:01	KWP	0.00267	5.68000	System Constraint
5/24/2023 11:22	0:01	KWP	0.00267	5.68000	System Constraint
5/24/2023 11:24	0:01	KWP	0.00267	4.72000	System Constraint
5/24/2023 11:56	0:01	5A	Data is not available	Data is not available	Oversupply
5/24/2023 11:56	0:01	MS	Data is not available	Data is not available	Oversupply
5/24/2023 11:59	0:03	5A	Data is not available	Data is not available	Oversupply
5/24/2023 11:59	0:03	MS	Data is not available	Data is not available	Oversupply
5/24/2023 12:04	0:01	5A	Data is not available	Data is not available	Oversupply
5/24/2023 12:04	0:01	MS	Data is not available	Data is not available	Oversupply
5/24/2023 12:04	0:01	KWP	0.00267	7.60000	System Constraint
5/24/2023 12:06	0:01	5A	Data is not available	Data is not available	Oversupply
5/24/2023 12:06	0:01	MS	Data is not available	Data is not available	Oversupply
5/24/2023 12:15	0:02	5A	Data is not available	Data is not available	Oversupply
5/24/2023 12:15	0:02	MS	Data is not available	Data is not available	Oversupply
5/24/2023 12:19	0:02	5A	Data is not available	Data is not available	Oversupply
5/24/2023 12:19	0:02	MS	Data is not available	Data is not available	Oversupply
5/24/2023 12:19	0:01	KWP	0.00267	9.20000	System Constraint
5/24/2023 12:27	0:03	5A	Data is not available	Data is not available	Oversupply
5/24/2023 12:27	0:03	MS	Data is not available	Data is not available	Oversupply
5/24/2023 13:39	0:01	5A	Data is not available	Data is not available	Oversupply
5/24/2023 13:39	0:01	MS	Data is not available	Data is not available	Oversupply
5/24/2023 15:01	0:01	AWE	0.00624	21.00000	Oversupply
5/24/2023 15:03	0:16	AWE	0.74679	21.00000	Oversupply
5/24/2023 15:57	0:02	SSA3	0.03544	0.57000	Oversupply
5/24/2023 15:59	0:02	SSA3	0.01219	0.95600	Oversupply
5/24/2023 16:11	0:05	17-2	0.01573	0.21500	Oversupply
5/24/2023 16:11	0:02	SSA3	0.01462	1.04900	Oversupply
5/24/2023 16:13	0:02	SSA3	0.01637	1.03000	Oversupply
5/24/2023 16:23	0:02	SSA3	0.01626	0.93600	Oversupply
5/24/2023 16:24	0:02	17-2	0.00473	0.25600	Oversupply
5/24/2023 16:25	0:02	SSA3	0.01599	0.93100	Oversupply
5/24/2023 16:27	0:01	17-2	0.00287	0.24700	Oversupply
5/24/2023 23:11	0:06	KWP	0.15463	20.55988	Oversupply
5/24/2023 23:39	0:02	KWP	0.00912	20.98400	Oversupply
5/24/2023 23:42	17:21	KWP	240.07674	21.09977	Oversupply
5/25/2023 3:31	0:17	AWE	0.33784	16.70000	Oversupply
5/25/2023 4:19	0:11	AWE	0.37399	19.00000	Oversupply
5/25/2023 5:45	10:20	BS250	Data is not available	Data is not available	Oversupply
5/25/2023 5:59	10:06	SSA3	13.18604	0.01000	Oversupply
5/25/2023 6:29	10:36	17-2	4.47954	0.75000	Oversupply
5/25/2023 8:59	6:16	AWE	78.63804	21.00000	Oversupply
5/25/2023 9:16	0:01	KWP	0.00800	22.48000	System Constraint
5/25/2023 9:20	0:01	KWP	0.00533	22.48000	System Constraint
5/25/2023 9:31	0:01	KWP	0.00267	22.16000	System Constraint
5/25/2023 10:25	0:01	KWP	0.00267	22.16000	System Constraint
5/25/2023 10:28	0:01	KWP	0.00267	22.16000	System Constraint
5/25/2023 10:32	0:01	KWP	0.00267	22.16000	System Constraint
5/25/2023 10:35	0:17	5A	Data is not available	Data is not available	Oversupply
5/25/2023 10:35	0:17	MS	Data is not available	Data is not available	Oversupply
5/25/2023 10:59	0:01	KWP	0.00267	22.16000	System Constraint
5/25/2023 11:05	0:01	KWP	0.00267	22.16000	System Constraint
5/25/2023 11:13	0:01	KWP	0.00267	22.32000	System Constraint
5/25/2023 11:25	0:01	KWP	0.00267	22.32000	System Constraint
5/25/2023 11:29	0:01	KWP	0.00267	22.32000	System Constraint
5/25/2023 11:42	0:01	KWP	0.00267	22.16000	System Constraint
5/25/2023 11:44	0:01	KWP	0.00267	22.32000	System Constraint
5/25/2023 11:46	0:01	KWP	0.00533	22.32000	System Constraint
5/25/2023 11:53	0:01	5A	Data is not available	Data is not available	Oversupply
5/25/2023 11:53	0:01	MS	Data is not available	Data is not available	Oversupply
5/25/2023 11:55	0:03	5A	Data is not available	Data is not available	Oversupply
5/25/2023 11:55	0:03	MS	Data is not available	Data is not available	Oversupply
5/25/2023 11:59	0:01	5A	Data is not available	Data is not available	Oversupply
5/25/2023 11:59	0:01	MS	Data is not available	Data is not available	Oversupply
5/25/2023 12:01	0:03	5A	Data is not available	Data is not available	Oversupply
5/25/2023 12:01	0:03	MS	Data is not available	Data is not available	Oversupply
5/25/2023 12:46	0:01	KWP	0.00533	22.32000	System Constraint
5/25/2023 12:48	0:08	5A	Data is not available	Data is not available	Oversupply
5/25/2023 12:48	0:08	MS	Data is not available	Data is not available	Oversupply
5/25/2023 13:00	0:01	KWP	0.00267	22.48000	System Constraint
5/25/2023 13:08	0:01	KWP	0.00533	22.32000	System Constraint
5/25/2023 13:35	0:02	5A	Data is not available	Data is not available	Oversupply
5/25/2023 13:35	0:02	MS	Data is not available	Data is not available	Oversupply
5/25/2023 13:36	0:01	KWP	0.00127	21.52000	System Constraint



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May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/25/2023 13:43	0:03	5A	Data is not available	Data is not available	Oversupply
5/25/2023 13:43	0:03	MS	Data is not available	Data is not available	Oversupply
5/25/2023 13:48	0:15	5A	Data is not available	Data is not available	Oversupply
5/25/2023 13:48	0:15	MS	Data is not available	Data is not available	Oversupply
5/25/2023 13:59	0:01	KWP	0.00533	20.56000	System Constraint
5/25/2023 14:11	0:18	5A	Data is not available	Data is not available	Oversupply
5/25/2023 14:11	0:18	MS	Data is not available	Data is not available	Oversupply
5/25/2023 16:05	0:02	SSA3	0.03926	0.61200	Oversupply
5/25/2023 16:07	0:02	SSA3	0.03958	0.89100	Oversupply
5/25/2023 16:08	0:55	BS250	Data is not available	Data is not available	Oversupply
5/25/2023 16:09	0:55	SSA3	0.68366	0.01100	Oversupply
5/25/2023 17:03	0:02	SSA3	0.01705	0.71100	Oversupply
5/26/2023 1:48	0:01	KWP	0.00435	20.97702	Oversupply
5/26/2023 1:54	0:04	KWP	0.01721	21.03191	Oversupply
5/26/2023 2:01	0:02	KWP	0.00552	20.99598	Oversupply
5/26/2023 2:04	0:03	KWP	0.02880	20.95506	Oversupply
5/26/2023 2:11	0:03	KWP	0.01479	20.95706	Oversupply
5/26/2023 2:56	0:01	KWP	0.00226	20.92113	Oversupply
5/26/2023 2:58	0:01	KWP	0.00428	20.90217	Oversupply
5/26/2023 3:09	0:01	KWP	0.00495	20.53193	Oversupply
5/26/2023 6:01	9:28	KWP	115.20878	21.05087	System Constraint
5/26/2023 8:18	0:02	SSA3	0.01544	0.86300	Oversupply
5/26/2023 8:31	0:01	17-2	0.00128	0.08500	Oversupply
5/26/2023 8:42	5:59	SSA3	12.46969	1.13100	Oversupply
5/26/2023 8:43	5:58	BS250	Data is not available	Data is not available	Oversupply
5/26/2023 8:43	0:02	AWE	0.00702	3.70000	Oversupply
5/26/2023 8:43	6:33	17-2	4.06120	0.75000	Oversupply
5/26/2023 8:46	0:21	5A	Data is not available	Data is not available	Oversupply
5/26/2023 8:46	0:21	MS	Data is not available	Data is not available	Oversupply
5/26/2023 8:46	0:18	AWE	0.19963	1.60000	Oversupply
5/26/2023 8:47	0:01	KWP	0.00800	21.20000	System Constraint
5/26/2023 9:11	5:13	5A	Data is not available	Data is not available	Oversupply
5/26/2023 9:11	5:13	MS	Data is not available	Data is not available	Oversupply
5/26/2023 9:18	5:06	AWE	29.43033	14.30000	Oversupply
5/26/2023 9:24	0:01	KWP	0.00267	15.44000	System Constraint
5/26/2023 9:28	0:01	KWP	0.00195	14.96000	System Constraint
5/26/2023 9:31	0:01	KWP	0.00067	13.36000	System Constraint
5/26/2023 9:38	0:01	KWP	0.00246	8.56000	System Constraint
5/26/2023 10:07	0:01	KWP	0.00106	0.40000	System Constraint
5/26/2023 10:17	0:01	KWP	0.00159	3.28000	System Constraint
5/26/2023 10:20	0:01	KWP	0.00267	3.12000	System Constraint
5/26/2023 10:34	0:02	KWP	0.00800	5.04000	System Constraint
5/26/2023 10:47	0:02	KWP	0.00488	5.84000	System Constraint
5/26/2023 10:51	0:01	KWP	0.00267	5.84000	System Constraint
5/26/2023 11:05	0:01	KWP	0.00267	3.60000	System Constraint
5/26/2023 11:08	0:01	KWP	0.00212	4.40000	System Constraint
5/26/2023 11:22	0:01	KWP	0.00094	2.96000	System Constraint
5/26/2023 11:37	0:01	KWP	0.00133	0.08000	System Constraint
5/26/2023 11:45	0:01	KWP	0.00267	2.00000	System Constraint
5/26/2023 13:23	0:01	KWP	0.00133	0.08000	System Constraint
5/26/2023 13:26	0:01	KWP	0.00120	2.16000	System Constraint
5/26/2023 14:10	0:01	KWP	0.00267	6.80000	System Constraint
5/26/2023 14:29	0:02	AWE	0.04269	5.20000	System Constraint
5/26/2023 14:37	0:04	AWE	0.08977	9.00000	System Constraint
5/26/2023 14:42	0:02	SSA3	0.06787	0.23300	Oversupply
5/26/2023 14:44	0:13	BS250	Data is not available	Data is not available	Oversupply
5/26/2023 14:44	0:02	SSA3	0.06250	0.38200	Oversupply
5/26/2023 14:46	0:12	SSA3	0.38719	0.00300	Oversupply
5/26/2023 14:58	0:02	SSA3	0.06236	1.45200	Oversupply
5/26/2023 15:02	0:02	SSA3	0.04674	1.56500	Oversupply
5/26/2023 15:04	0:02	SSA3	0.04598	1.38400	Oversupply
5/26/2023 15:06	0:02	SSA3	0.04636	0.47900	Oversupply
5/26/2023 15:07	0:05	BS250	Data is not available	Data is not available	Oversupply
5/26/2023 15:08	0:04	SSA3	0.09310	-0.00200	Oversupply
5/26/2023 15:12	0:02	SSA3	0.04674	0.17000	Oversupply
5/26/2023 15:14	0:02	SSA3	0.03244	1.47000	Oversupply
5/26/2023 15:20	0:02	17-2	0.01378	0.75000	Oversupply
5/26/2023 15:20	0:02	SSA3	0.02137	1.40500	Oversupply
5/26/2023 15:29	0:05	17-2	0.05231	0.75000	Oversupply
5/26/2023 15:30	0:02	SSA3	0.02023	1.09800	Oversupply
5/26/2023 15:32	0:02	SSA3	0.02040	1.34200	Oversupply
5/26/2023 15:36	0:02	SSA3	0.02040	1.32600	Oversupply
5/26/2023 15:37	0:01	17-2	0.00807	0.48400	Oversupply
5/26/2023 15:50	0:04	17-2	0.02665	0.66800	Oversupply
5/26/2023 15:50	0:02	SSA3	0.01623	1.25900	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
5/26/2023 16:13	0:01	17-2	0.00133	0.50400	Oversupply
5/26/2023 16:19	0:02	17-2	0.01210	0.67100	Oversupply
5/27/2023 11:05	0:02	17-2	0.00367	0.75000	Oversupply
5/27/2023 11:25	0:06	17-2	0.02625	0.75000	Oversupply
5/27/2023 11:57	0:01	17-2	0.00025	0.75000	Oversupply
5/27/2023 11:57	0:02	SSA3	0.02365	0.79400	Oversupply
5/27/2023 12:00	0:01	17-2	0.00716	0.75000	Oversupply
5/27/2023 12:09	0:06	17-2	0.04479	0.75000	Oversupply
5/27/2023 12:09	0:02	SSA3	0.01010	0.62200	Oversupply
5/27/2023 12:11	0:02	SSA3	0.01002	0.76200	Oversupply
5/27/2023 12:13	0:02	SSA3	0.00722	0.97600	Oversupply
5/27/2023 12:16	0:01	17-2	0.00309	0.36500	Oversupply
5/27/2023 12:19	0:52	17-2	0.61276	0.75000	Oversupply
5/27/2023 12:21	0:02	SSA3	0.03408	1.26200	Oversupply
5/27/2023 12:23	0:02	SSA3	0.03380	1.09500	Oversupply
5/27/2023 12:25	0:02	SSA3	0.03380	1.62300	Oversupply
5/27/2023 12:27	0:02	SSA3	0.03352	0.83900	Oversupply
5/27/2023 12:29	0:02	SSA3	0.04686	0.81900	Oversupply
5/27/2023 12:31	0:02	SSA3	0.03677	0.94500	Oversupply
5/27/2023 12:33	0:02	SSA3	0.03739	0.80000	Oversupply
5/27/2023 12:35	0:02	SSA3	0.03708	0.95300	Oversupply
5/27/2023 12:37	0:02	SSA3	0.03708	0.85600	Oversupply
5/27/2023 12:39	0:02	SSA3	0.03708	0.80500	Oversupply
5/27/2023 12:41	0:02	SSA3	0.03739	0.00400	Oversupply
5/27/2023 12:42	0:04	BS250	Data is not available	Data is not available	Oversupply
5/27/2023 12:43	0:04	SSA3	0.07641	0.00500	Oversupply
5/27/2023 12:44	0:03	KWPll	0.02498	2.93399	Oversupply
5/27/2023 12:47	0:02	SSA3	0.03884	0.35200	Oversupply
5/27/2023 12:49	0:02	SSA3	0.03916	0.41300	Oversupply
5/27/2023 12:51	0:02	SSA3	0.03916	1.34200	Oversupply
5/27/2023 12:53	0:02	SSA3	0.04046	0.65400	Oversupply
5/27/2023 12:55	0:02	SSA3	0.03981	0.65100	Oversupply
5/27/2023 12:57	0:02	SSA3	0.03916	0.70100	Oversupply
5/27/2023 13:00	0:02	SSA3	0.03158	0.82300	Oversupply
5/27/2023 13:02	0:02	SSA3	0.03106	0.82800	Oversupply
5/27/2023 13:04	0:02	SSA3	0.03132	0.64100	Oversupply
5/27/2023 13:06	0:02	SSA3	0.03236	0.27700	Oversupply
5/27/2023 13:08	0:02	SSA3	0.03132	1.73800	Oversupply
5/27/2023 13:15	0:36	17-2	0.39757	0.75000	Oversupply
5/27/2023 13:16	0:02	SSA3	0.02008	1.18500	Oversupply
5/27/2023 13:18	0:02	SSA3	0.02056	1.90500	Oversupply
5/27/2023 13:20	0:02	SSA3	0.01975	1.25600	Oversupply
5/27/2023 13:22	0:02	SSA3	0.01943	0.69100	Oversupply
5/27/2023 13:24	0:02	SSA3	0.01959	0.80100	Oversupply
5/27/2023 13:26	0:02	SSA3	0.01959	0.97200	Oversupply
5/27/2023 13:28	0:02	SSA3	0.02109	1.21000	Oversupply
5/27/2023 13:30	0:02	SSA3	0.02481	0.97300	Oversupply
5/27/2023 13:32	0:02	SSA3	0.02502	0.77300	Oversupply
5/27/2023 13:34	0:02	SSA3	0.02522	1.59300	Oversupply
5/27/2023 13:36	0:02	SSA3	0.02502	1.16500	Oversupply
5/27/2023 13:38	0:02	SSA3	0.02543	1.57300	Oversupply
5/27/2023 13:42	0:02	SSA3	0.02522	0.55500	Oversupply
5/27/2023 13:44	0:02	SSA3	0.01380	0.59500	Oversupply
5/27/2023 13:46	0:02	SSA3	0.03120	0.68200	Oversupply
5/27/2023 13:48	0:02	SSA3	0.03146	1.31500	Oversupply
5/27/2023 13:52	0:23	17-2	0.23863	0.75000	Oversupply
5/27/2023 13:52	0:02	SSA3	0.03172	2.10100	Oversupply
5/27/2023 13:54	0:02	SSA3	0.03146	2.11200	Oversupply
5/27/2023 13:56	0:02	SSA3	0.03120	1.14200	Oversupply
5/27/2023 13:58	0:02	SSA3	0.03135	1.12600	Oversupply
5/27/2023 14:00	0:02	SSA3	0.04431	1.05800	Oversupply
5/27/2023 14:02	0:02	SSA3	0.04395	0.49800	Oversupply
5/27/2023 14:04	0:02	SSA3	0.04468	1.57600	Oversupply
5/27/2023 14:06	0:02	SSA3	0.04431	1.97200	Oversupply
5/27/2023 14:08	0:02	SSA3	0.04395	1.40200	Oversupply
5/27/2023 14:10	0:02	SSA3	0.04431	2.00800	Oversupply
5/27/2023 14:17	0:01	17-2	0.00326	0.47100	Oversupply
5/27/2023 14:20	0:01	17-2	0.00369	0.75000	Oversupply
5/27/2023 14:22	0:01	17-2	0.01250	0.75000	Oversupply
5/27/2023 14:32	0:01	17-2	0.00407	0.75000	Oversupply
5/28/2023 9:11	0:05	17-2	0.01552	0.32000	Oversupply
5/28/2023 9:17	0:05	17-2	0.02523	0.48400	Oversupply
5/28/2023 9:26	0:06	17-2	0.05646	0.66900	Oversupply
5/28/2023 9:33	0:01	17-2	0.00558	0.63300	Oversupply
5/28/2023 9:47	0:06	17-2	0.04832	0.74300	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
5/28/2023 9:54	0:01	17-2	0.00879	0.74000	Oversupply
5/28/2023 9:58	0:02	17-2	0.00870	0.74000	Oversupply
5/28/2023 10:13	0:03	17-2	0.01410	0.75000	Oversupply
5/28/2023 10:21	0:16	17-2	0.18200	0.75000	Oversupply
5/28/2023 10:25	0:02	SSA3	0.03593	0.75800	Oversupply
5/28/2023 10:27	0:02	SSA3	0.03563	0.79200	Oversupply
5/28/2023 10:29	0:02	SSA3	0.03336	1.67100	Oversupply
5/28/2023 10:31	0:02	SSA3	0.03247	1.66300	Oversupply
5/28/2023 10:33	0:02	SSA3	0.03274	1.06700	Oversupply
5/28/2023 10:35	0:02	SSA3	0.03274	1.52900	Oversupply
5/28/2023 10:55	0:02	SSA3	0.03097	1.73900	Oversupply
5/28/2023 10:56	0:04	17-2	0.05000	0.75000	Oversupply
5/28/2023 10:57	0:02	SSA3	0.03276	1.67200	Oversupply
5/28/2023 11:03	1:30	17-2	0.91862	0.75000	Oversupply
5/28/2023 11:03	0:02	SSA3	0.05149	1.50300	Oversupply
5/28/2023 11:05	0:02	SSA3	0.05064	0.72800	Oversupply
5/28/2023 11:07	0:02	SSA3	0.05149	0.75200	Oversupply
5/28/2023 11:09	0:02	SSA3	0.05107	1.02700	Oversupply
5/28/2023 11:11	0:02	SSA3	0.05149	0.93100	Oversupply
5/28/2023 11:13	0:02	SSA3	0.06638	1.52400	Oversupply
5/28/2023 11:15	0:02	SSA3	0.08711	0.79800	Oversupply
5/28/2023 11:17	0:02	SSA3	0.08639	0.01100	Oversupply
5/28/2023 11:18	0:02	BS250	Data is not available	Data is not available	Oversupply
5/28/2023 11:18	0:02	AWE	0.00708	10.10000	Oversupply
5/28/2023 11:18	0:02	KWP11	0.00833	0.28043	Oversupply
5/28/2023 11:19	0:02	SSA3	0.08783	0.13400	Oversupply
5/28/2023 11:21	0:02	SSA3	0.08711	0.12500	Oversupply
5/28/2023 11:23	0:01	BS250	Data is not available	Data is not available	Oversupply
5/28/2023 11:23	0:02	AWE	0.00780	10.50000	Oversupply
5/28/2023 11:23	0:02	SSA3	0.08711	0.08700	Oversupply
5/28/2023 11:25	0:09	BS250	Data is not available	Data is not available	Oversupply
5/28/2023 11:25	0:08	SSA3	0.31319	0.00900	Oversupply
5/28/2023 11:26	0:01	AWE	0.01020	9.90000	Oversupply
5/28/2023 11:28	0:06	AWE	0.02357	9.50000	Oversupply
5/28/2023 11:29	0:01	KWP11	0.00007	0.00399	Oversupply
5/28/2023 11:33	0:01	KWP11	0.00161	0.09680	Oversupply
5/28/2023 11:34	0:02	SSA3	0.07035	0.42700	Oversupply
5/28/2023 11:35	0:05	BS250	Data is not available	Data is not available	Oversupply
5/28/2023 11:35	0:05	AWE	0.01694	9.90000	Oversupply
5/28/2023 11:36	0:04	SSA3	0.14013	-0.00100	Oversupply
5/28/2023 11:37	0:03	KWP11	0.02122	0.65665	Oversupply
5/28/2023 11:40	0:02	SSA3	0.07035	0.37600	Oversupply
5/28/2023 11:42	0:02	SSA3	0.06920	1.17500	Oversupply
5/28/2023 11:44	0:02	SSA3	0.07658	1.54800	Oversupply
5/28/2023 11:46	0:02	SSA3	0.07945	1.50900	Oversupply
5/28/2023 11:48	0:07	BS250	Data is not available	Data is not available	Oversupply
5/28/2023 11:48	0:04	KWP11	0.00583	0.29939	Oversupply
5/28/2023 11:48	0:06	SSA3	0.24032	0.01500	Oversupply
5/28/2023 11:49	0:06	AWE	0.04039	10.90000	Oversupply
5/28/2023 11:54	0:02	KWP11	0.00398	0.38321	Oversupply
5/28/2023 11:54	0:02	SSA3	0.07945	0.02700	Oversupply
5/28/2023 11:56	0:05	BS250	Data is not available	Data is not available	Oversupply
5/28/2023 11:56	0:02	SSA3	0.07815	0.00100	Oversupply
5/28/2023 11:58	0:01	AWE	0.00420	9.50000	Oversupply
5/28/2023 11:58	0:02	KWP11	0.02329	0.81134	Oversupply
5/28/2023 11:58	0:04	SSA3	0.15244	0.00300	Oversupply
5/28/2023 12:01	0:01	KWP11	0.00317	0.51095	Oversupply
5/28/2023 12:02	0:02	SSA3	0.07483	0.20600	Oversupply
5/28/2023 12:03	0:01	BS250	Data is not available	Data is not available	Oversupply
5/28/2023 12:04	0:02	SSA3	0.07545	0.41800	Oversupply
5/28/2023 12:06	0:01	BS250	Data is not available	Data is not available	Oversupply
5/28/2023 12:06	0:02	SSA3	0.07545	0.02600	Oversupply
5/28/2023 12:07	0:01	AWE	0.00213	9.90000	Oversupply
5/28/2023 12:07	0:01	KWP11	0.00587	0.55187	Oversupply
5/28/2023 12:08	0:02	SSA3	0.07545	0.96900	Oversupply
5/28/2023 12:10	0:02	BS250	Data is not available	Data is not available	Oversupply
5/28/2023 12:10	0:02	SSA3	0.07545	0.05200	Oversupply
5/28/2023 12:12	0:02	SSA3	0.07545	0.61400	Oversupply
5/28/2023 12:14	0:02	SSA3	0.07242	0.72500	Oversupply
5/28/2023 12:16	0:04	SSA3	0.14093	0.00300	Oversupply
5/28/2023 12:17	0:03	BS250	Data is not available	Data is not available	Oversupply
5/28/2023 12:17	0:03	KWP11	0.02289	0.93508	Oversupply
5/28/2023 12:18	0:02	AWE	0.00924	10.10000	Oversupply
5/28/2023 12:20	0:02	SSA3	0.07105	0.70800	Oversupply
5/28/2023 12:22	0:02	SSA3	0.07105	0.90600	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/28/2023 12:24	0:02	SSA3	0.07105	0.33800	Oversupply
5/28/2023 12:26	0:02	SSA3	0.06988	1.24400	Oversupply
5/28/2023 12:28	0:02	SSA3	0.05758	0.56700	Oversupply
5/28/2023 12:30	0:02	SSA3	0.03177	1.51000	Oversupply
5/28/2023 12:47	0:19	17-2	0.21508	0.75000	Oversupply
5/28/2023 12:48	0:02	SSA3	0.03039	1.70700	Oversupply
5/28/2023 12:50	0:02	SSA3	0.03064	1.56800	Oversupply
5/28/2023 12:52	0:02	SSA3	0.03064	1.59300	Oversupply
5/28/2023 12:54	0:02	SSA3	0.03014	1.63900	Oversupply
5/28/2023 12:56	0:02	SSA3	0.03039	1.72600	Oversupply
5/28/2023 12:58	0:02	SSA3	0.03233	1.74000	Oversupply
5/28/2023 13:00	0:02	SSA3	0.02838	1.60300	Oversupply
5/28/2023 13:02	0:02	SSA3	0.03051	1.48300	Oversupply
5/28/2023 13:09	0:03	17-2	0.03705	0.74100	Oversupply
5/28/2023 13:09	0:02	SSA3	0.02933	1.86700	Oversupply
5/28/2023 13:17	0:16	17-2	0.19400	0.75000	Oversupply
5/28/2023 13:17	0:02	SSA3	0.03993	1.13400	Oversupply
5/28/2023 13:19	0:02	SSA3	0.03993	1.29000	Oversupply
5/28/2023 13:21	0:02	SSA3	0.03993	1.02600	Oversupply
5/28/2023 13:23	0:02	SSA3	0.04092	1.42100	Oversupply
5/28/2023 13:25	0:02	SSA3	0.04026	1.33500	Oversupply
5/28/2023 13:27	0:02	SSA3	0.03993	1.80300	Oversupply
5/28/2023 13:29	0:02	SSA3	0.05134	1.80700	Oversupply
5/28/2023 13:31	0:02	SSA3	0.05742	1.39500	Oversupply
5/28/2023 13:33	0:02	SSA3	0.05789	1.45100	Oversupply
5/28/2023 13:34	0:18	17-2	0.22500	0.75000	Oversupply
5/28/2023 13:35	0:02	SSA3	0.05742	0.76100	Oversupply
5/28/2023 13:36	0:01	BS250	Data is not available	Data is not available	Oversupply
5/28/2023 13:37	0:03	AWE	0.01614	14.30000	Oversupply
5/28/2023 13:37	0:02	SSA3	0.05742	0.04300	Oversupply
5/28/2023 13:38	0:02	BS250	Data is not available	Data is not available	Oversupply
5/28/2023 13:39	0:02	SSA3	0.05694	0.00100	Oversupply
5/28/2023 13:41	0:01	AWE	0.00838	14.10000	Oversupply
5/28/2023 13:41	0:02	SSA3	0.05837	0.62000	Oversupply
5/28/2023 13:43	0:02	SSA3	0.05534	1.83700	Oversupply
5/28/2023 13:45	0:02	SSA3	0.01679	1.61700	Oversupply
5/28/2023 13:47	0:02	SSA3	0.01665	0.77400	Oversupply
5/28/2023 13:49	0:02	SSA3	0.01679	1.06900	Oversupply
5/28/2023 16:28	0:01	KWPPII	0.00218	0.13073	Oversupply
5/29/2023 2:46	0:04	KWPPII	0.11443	6.06158	Oversupply
5/29/2023 2:51	0:08	KWPPII	0.15317	5.38796	Oversupply
5/29/2023 3:11	0:02	KWPPII	0.00931	6.54060	Oversupply
5/29/2023 3:14	0:01	KWPPII	0.00115	5.50772	Oversupply
5/29/2023 3:16	0:01	KWPPII	0.00251	5.27220	Oversupply
5/29/2023 3:18	3:05	KWPPII	31.55483	19.38728	Oversupply
5/29/2023 3:42	0:02	AWE	0.00511	5.60000	Oversupply
5/29/2023 3:48	0:08	AWE	0.02202	6.10000	Oversupply
5/29/2023 3:59	0:03	AWE	0.01056	6.30000	Oversupply
5/29/2023 4:04	0:01	AWE	0.00368	4.80000	Oversupply
5/29/2023 4:07	0:05	AWE	0.01408	5.30000	Oversupply
5/29/2023 4:13	0:01	AWE	0.00235	4.80000	Oversupply
5/29/2023 4:16	0:01	AWE	0.00068	3.70000	Oversupply
5/29/2023 4:19	0:01	AWE	0.00301	4.20000	Oversupply
5/29/2023 4:22	0:01	AWE	0.00135	3.70000	Oversupply
5/29/2023 4:24	0:03	AWE	0.00587	4.30000	Oversupply
5/29/2023 4:29	0:03	AWE	0.00838	4.90000	Oversupply
5/29/2023 4:33	0:02	AWE	0.00417	3.40000	Oversupply
5/29/2023 5:45	0:37	BS250	Data is not available	Data is not available	Oversupply
5/29/2023 5:58	0:24	SSA3	0.01101	0.01500	Oversupply
5/29/2023 6:23	0:03	BS250	Data is not available	Data is not available	Oversupply
5/29/2023 6:24	0:03	KWPPII	0.03123	16.99418	Oversupply
5/29/2023 6:24	0:03	17-2	0.00055	0.01700	Oversupply
5/29/2023 6:24	0:02	SSA3	0.00274	0.00400	Oversupply
5/29/2023 6:42	2:20	BS250	Data is not available	Data is not available	Oversupply
5/29/2023 6:42	0:01	17-2	0.00005	0.06300	Oversupply
5/29/2023 6:43	2:20	SSA3	2.31127	0.00200	Oversupply
5/29/2023 6:44	2:19	17-2	0.28347	0.31200	Oversupply
5/29/2023 6:44	9:10	KWPPII	116.49226	20.53992	Oversupply
5/29/2023 8:58	0:25	AWE	0.23488	21.00000	System Constraint
5/29/2023 9:03	0:01	KWP	0.00800	22.64000	Oversupply
5/29/2023 9:06	0:02	KWP	0.00533	17.68000	Oversupply
5/29/2023 9:12	0:01	KWP	0.00200	15.12000	Oversupply
5/29/2023 9:15	0:01	KWP	0.00200	15.12000	Oversupply
5/29/2023 9:17	0:01	KWP	0.00200	15.12000	Oversupply
5/29/2023 9:24	0:21	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
5/29/2023 9:24	0:20	SSA3	0.60999	0.36800	Oversupply
5/29/2023 9:25	6:52	17-2	4.59541	0.75000	Oversupply
5/29/2023 9:30	0:02	AWE	0.01198	21.00000	Oversupply
5/29/2023 9:33	0:13	AWE	0.14925	21.00000	Oversupply
5/29/2023 9:34	0:01	KWP	0.00533	19.12000	Oversupply
5/29/2023 9:45	0:02	SSA3	0.05441	0.57200	Oversupply
5/29/2023 9:47	0:01	KWP	0.00267	15.44000	Oversupply
5/29/2023 9:47	0:02	SSA3	0.05531	1.40400	Oversupply
5/29/2023 9:49	0:02	SSA3	0.05486	1.42500	Oversupply
5/29/2023 9:51	0:02	SSA3	0.05486	1.05800	Oversupply
5/29/2023 9:52	0:01	KWP	0.00200	15.12000	Oversupply
5/29/2023 9:53	0:02	SSA3	0.05441	0.12300	Oversupply
5/29/2023 9:54	0:02	AWE	0.02247	19.70000	Oversupply
5/29/2023 9:55	6:06	BS250	Data is not available	Data is not available	Oversupply
5/29/2023 9:55	6:06	SSA3	12.67674	0.01600	Oversupply
5/29/2023 9:57	4:06	AWE	39.32451	21.00000	Oversupply
5/29/2023 12:28	0:01	5A	Data is not available	Data is not available	Oversupply
5/29/2023 12:28	0:01	MS	Data is not available	Data is not available	Oversupply
5/29/2023 12:36	0:02	5A	Data is not available	Data is not available	Oversupply
5/29/2023 12:36	0:02	MS	Data is not available	Data is not available	Oversupply
5/29/2023 12:46	0:01	5A	Data is not available	Data is not available	Oversupply
5/29/2023 12:46	0:01	MS	Data is not available	Data is not available	Oversupply
5/29/2023 12:49	0:03	5A	Data is not available	Data is not available	Oversupply
5/29/2023 12:49	0:03	MS	Data is not available	Data is not available	Oversupply
5/29/2023 12:50	0:01	KWP	0.00800	19.28000	Oversupply
5/29/2023 12:57	0:01	5A	Data is not available	Data is not available	Oversupply
5/29/2023 12:57	0:01	MS	Data is not available	Data is not available	Oversupply
5/29/2023 12:59	0:01	5A	Data is not available	Data is not available	Oversupply
5/29/2023 12:59	0:01	MS	Data is not available	Data is not available	Oversupply
5/29/2023 14:04	0:20	AWE	0.69444	20.90000	Oversupply
5/29/2023 14:28	0:01	AWE	0.01340	20.80000	Oversupply
5/29/2023 14:45	0:02	AWE	0.00880	20.30000	Oversupply
5/29/2023 15:55	0:04	KWP	0.09261	16.72673	Oversupply
5/29/2023 16:01	0:01	KWP	0.01161	15.95331	Oversupply
5/29/2023 16:01	0:02	SSA3	0.01188	0.06400	Oversupply
5/29/2023 16:02	0:02	BS250	Data is not available	Data is not available	Oversupply
5/29/2023 16:03	0:02	SSA3	0.01217	0.12200	Oversupply
5/29/2023 16:05	0:01	BS250	Data is not available	Data is not available	Oversupply
5/29/2023 16:05	0:04	KWP	0.04165	18.81545	Oversupply
5/29/2023 16:05	0:04	SSA3	0.02396	0.02300	Oversupply
5/29/2023 16:07	0:01	BS250	Data is not available	Data is not available	Oversupply
5/29/2023 16:09	0:01	BS250	Data is not available	Data is not available	Oversupply
5/29/2023 16:09	0:02	SSA3	0.01188	0.00700	Oversupply
5/29/2023 16:11	0:03	BS250	Data is not available	Data is not available	Oversupply
5/29/2023 16:11	0:01	KWP	0.01564	17.64185	Oversupply
5/29/2023 16:11	0:02	SSA3	0.01208	0.12100	Oversupply
5/29/2023 16:13	0:01	KWP	0.00236	17.66181	Oversupply
5/29/2023 16:13	0:02	SSA3	0.00753	0.00400	Oversupply
5/29/2023 16:19	0:01	17-2	0.00380	0.22800	Oversupply
5/29/2023 16:33	0:02	SSA3	0.00982	1.13100	Oversupply
5/29/2023 16:34	0:01	17-2	0.00040	0.50400	Oversupply
5/29/2023 16:36	0:01	17-2	0.00380	0.40600	Oversupply
5/29/2023 16:38	0:01	17-2	0.00768	0.46100	Oversupply
5/29/2023 23:45	0:01	KWP	0.00085	17.98715	Oversupply
5/30/2023 1:00	0:02	KWP	0.01948	15.90541	Oversupply
5/30/2023 1:05	0:03	KWP	0.01004	16.18384	Oversupply
5/30/2023 1:12	0:59	KWP	6.14636	17.58098	Oversupply
5/30/2023 2:20	0:18	KWP	0.71599	12.67004	Oversupply
5/30/2023 2:46	0:01	KWP	0.00593	12.77483	Oversupply
5/30/2023 2:57	0:04	KWP	0.10420	14.97632	Oversupply
5/30/2023 3:03	0:03	KWP	0.05463	16.28962	Oversupply
5/30/2023 3:18	0:01	KWP	0.00716	16.60598	Oversupply
5/30/2023 3:33	0:01	KWP	0.00663	16.51416	Oversupply
5/30/2023 3:43	0:08	KWP	0.28418	16.98719	Oversupply
5/30/2023 7:43	1:04	BS250	Data is not available	Data is not available	Oversupply
5/30/2023 7:43	1:05	17-2	0.17892	0.23100	Oversupply
5/30/2023 7:43	1:03	SSA3	1.16579	0.47200	Oversupply
5/30/2023 7:44	0:19	KWP	1.61701	15.02122	Oversupply
5/30/2023 8:05	0:43	KWP	3.17094	12.09222	System Constraint
5/30/2023 8:33	0:04	AWE	0.13792	18.30000	Oversupply
5/30/2023 8:46	0:02	SSA3	0.01826	0.07900	Oversupply
5/30/2023 9:06	1:28	17-2	0.74078	0.75000	Oversupply
5/30/2023 9:06	0:02	SSA3	0.02382	0.46600	Oversupply
5/30/2023 9:08	0:18	BS250	Data is not available	Data is not available	Oversupply
5/30/2023 9:08	0:18	SSA3	0.23044	0.04700	Oversupply



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May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/30/2023 9:09	0:16	KWPPI	0.31737	2.53081	System Constraint
5/30/2023 9:10	0:17	AWE	0.23955	21.00000	Oversupply
5/30/2023 9:26	0:02	SSA3	0.02634	0.02700	Oversupply
5/30/2023 9:27	0:01	BS250	Data is not available	Data is not available	Oversupply
5/30/2023 9:28	0:01	AWE	0.00007	21.00000	Oversupply
5/30/2023 9:28	0:01	KWPPI	0.00125	0.07485	System Constraint
5/30/2023 9:28	0:02	SSA3	0.02752	0.19200	Oversupply
5/30/2023 9:29	1:01	BS250	Data is not available	Data is not available	Oversupply
5/30/2023 9:30	1:01	SSA3	1.61717	0.00200	Oversupply
5/30/2023 9:31	1:01	KWPPI	2.64894	5.28318	System Constraint
5/30/2023 9:36	0:03	AWE	0.01361	20.70000	Oversupply
5/30/2023 9:40	0:03	AWE	0.05133	19.70000	Oversupply
5/30/2023 9:44	0:21	AWE	0.81741	19.10000	Oversupply
5/30/2023 10:06	0:22	AWE	1.27392	18.30000	Oversupply
5/30/2023 10:31	0:02	SSA3	0.02485	0.26400	Oversupply
5/30/2023 10:36	0:01	17-2	0.00285	0.60600	Oversupply
5/30/2023 10:47	0:02	SSA3	0.05929	1.34600	Oversupply
5/30/2023 10:48	3:27	17-2	1.30908	0.75000	Oversupply
5/30/2023 10:49	0:02	SSA3	0.05929	1.76000	Oversupply
5/30/2023 10:51	0:02	SSA3	0.05880	0.77000	Oversupply
5/30/2023 10:53	3:20	SSA3	6.48626	0.07300	Oversupply
5/30/2023 10:54	3:18	BS250	Data is not available	Data is not available	Oversupply
5/30/2023 10:54	3:18	KWPPI	31.54616	18.56097	System Constraint
5/30/2023 10:56	1:21	AWE	8.53014	21.00000	Oversupply
5/30/2023 12:22	0:05	AWE	0.09019	19.20000	Oversupply
5/30/2023 12:28	0:06	AWE	0.07393	20.80000	Oversupply
5/30/2023 12:38	0:02	AWE	0.00981	21.00000	Oversupply
5/30/2023 12:41	0:03	AWE	0.01716	21.00000	Oversupply
5/30/2023 12:45	0:03	AWE	0.03397	20.80000	Oversupply
5/30/2023 12:49	0:01	AWE	0.00905	20.90000	Oversupply
5/30/2023 12:58	0:10	AWE	0.47609	19.30000	Oversupply
5/30/2023 13:09	0:50	AWE	7.21864	19.90000	Oversupply
5/30/2023 14:13	0:01	KWPPI	0.00416	9.04746	Oversupply
5/30/2023 14:13	0:02	SSA3	0.02503	0.26400	Oversupply
5/30/2023 14:18	0:01	17-2	0.00385	0.23100	Oversupply
5/30/2023 14:20	0:03	17-2	0.01155	0.23100	Oversupply
5/30/2023 14:21	0:01	BS250	Data is not available	Data is not available	Oversupply
5/30/2023 14:36	0:01	17-2	0.00477	0.28600	Oversupply
5/30/2023 14:37	0:02	SSA3	0.01020	1.08400	Oversupply
5/30/2023 14:38	0:01	17-2	0.00498	0.29900	Oversupply
5/30/2023 14:43	0:02	SSA3	0.01721	0.82800	Oversupply
5/30/2023 14:44	1:01	17-2	0.44380	0.75000	Oversupply
5/30/2023 14:45	0:02	SSA3	0.06138	0.79700	Oversupply
5/30/2023 14:46	0:55	BS250	Data is not available	Data is not available	Oversupply
5/30/2023 14:47	0:56	SSA3	1.33701	0.01200	Oversupply
5/30/2023 14:48	0:54	KWPPI	6.00719	12.19402	Oversupply
5/30/2023 14:50	0:41	AWE	2.03210	20.80000	Oversupply
5/30/2023 15:32	0:03	AWE	0.03783	17.00000	Oversupply
5/30/2023 15:36	0:01	AWE	0.00580	15.40000	Oversupply
5/30/2023 15:42	0:01	BS250	Data is not available	Data is not available	Oversupply
5/30/2023 15:55	0:01	17-2	0.00586	0.38200	Oversupply
5/30/2023 22:56	0:16	KWPPI	0.48960	13.85162	Oversupply
5/31/2023 8:53	0:38	17-2	0.18747	0.55100	Oversupply
5/31/2023 8:55	0:02	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 8:55	0:32	SSA3	0.77461	0.00600	Oversupply
5/31/2023 8:56	0:22	AWE	1.89417	21.00000	Oversupply
5/31/2023 8:56	0:29	KWPPI	0.96529	3.43796	System Constraint
5/31/2023 8:58	0:27	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 9:20	0:03	AWE	0.03859	19.90000	Oversupply
5/31/2023 9:28	0:02	SSA3	0.04642	1.22000	Oversupply
5/31/2023 9:30	0:02	SSA3	0.02002	1.19300	Oversupply
5/31/2023 9:35	0:02	17-2	0.00905	0.41600	Oversupply
5/31/2023 9:42	1:18	17-2	0.71277	0.75000	Oversupply
5/31/2023 9:42	0:02	SSA3	0.02002	1.33300	Oversupply
5/31/2023 9:46	0:02	SSA3	0.05257	1.43800	Oversupply
5/31/2023 9:48	0:02	SSA3	0.05345	0.84600	Oversupply
5/31/2023 9:49	0:02	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 9:50	0:02	AWE	0.00198	21.00000	Oversupply
5/31/2023 9:50	0:03	KWPPI	0.01187	0.63370	System Constraint
5/31/2023 9:50	0:02	SSA3	0.05345	0.01000	Oversupply
5/31/2023 9:52	0:02	SSA3	0.05301	0.44900	Oversupply
5/31/2023 9:54	0:59	SSA3	1.80937	0.94200	Oversupply
5/31/2023 9:55	0:58	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 9:55	0:04	KWPPI	0.00693	0.31935	System Constraint
5/31/2023 9:56	0:06	AWE	0.06832	21.00000	Oversupply



Maui Curtailment Report

May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/31/2023 10:00	0:04	KWPPI	0.01217	0.39719	System Constraint
5/31/2023 10:03	0:24	AWE	1.14590	21.00000	Oversupply
5/31/2023 10:15	0:01	KWPPI	0.00026	0.14570	System Constraint
5/31/2023 10:26	0:01	KWPPI	0.00418	0.38122	System Constraint
5/31/2023 10:28	0:03	KWPPI	0.00821	0.37423	System Constraint
5/31/2023 10:28	0:17	AWE	0.79765	21.00000	Oversupply
5/31/2023 10:36	0:09	KWPPI	0.10957	1.47298	System Constraint
5/31/2023 10:46	0:03	AWE	0.09266	20.80000	Oversupply
5/31/2023 10:46	0:09	KWPPI	0.17394	1.86717	System Constraint
5/31/2023 10:50	0:03	AWE	0.15639	21.00000	Oversupply
5/31/2023 10:53	0:02	SSA3	0.06553	0.19400	Oversupply
5/31/2023 10:54	0:01	AWE	0.00443	19.60000	Oversupply
5/31/2023 10:55	0:02	SSA3	0.06607	0.75600	Oversupply
5/31/2023 10:57	0:02	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 10:57	0:02	SSA3	0.06498	0.00300	Oversupply
5/31/2023 10:58	0:01	AWE	0.00224	20.60000	Oversupply
5/31/2023 10:59	0:02	SSA3	0.04448	0.81800	Oversupply
5/31/2023 11:01	0:09	17-2	0.11110	0.75000	Oversupply
5/31/2023 11:01	0:02	SSA3	0.02675	1.41100	Oversupply
5/31/2023 11:03	0:02	SSA3	0.02719	1.62100	Oversupply
5/31/2023 11:05	0:02	SSA3	0.02697	0.82900	Oversupply
5/31/2023 11:07	0:02	SSA3	0.02675	1.67400	Oversupply
5/31/2023 11:11	0:04	17-2	0.04547	0.75000	Oversupply
5/31/2023 11:11	0:02	SSA3	0.02675	1.47400	Oversupply
5/31/2023 11:13	0:02	SSA3	0.02828	1.65100	Oversupply
5/31/2023 11:16	0:01	17-2	0.00423	0.42000	Oversupply
5/31/2023 11:17	0:02	SSA3	0.02874	0.79600	Oversupply
5/31/2023 11:18	0:02	17-2	0.01375	0.50500	Oversupply
5/31/2023 11:21	0:04	17-2	0.03053	0.69000	Oversupply
5/31/2023 11:21	0:02	SSA3	0.02827	1.66600	Oversupply
5/31/2023 11:23	0:02	SSA3	0.02851	1.72000	Oversupply
5/31/2023 11:25	0:02	SSA3	0.02851	1.31700	Oversupply
5/31/2023 11:26	1:22	17-2	0.85677	0.75000	Oversupply
5/31/2023 11:27	0:02	SSA3	0.02827	0.98300	Oversupply
5/31/2023 11:29	0:02	SSA3	0.04127	1.10000	Oversupply
5/31/2023 11:31	0:02	SSA3	0.05837	0.72700	Oversupply
5/31/2023 11:32	0:01	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 11:33	0:04	AWE	0.05626	21.00000	Oversupply
5/31/2023 11:33	0:04	SSA3	0.11673	0.06800	Oversupply
5/31/2023 11:34	0:02	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 11:37	0:02	SSA3	0.05788	1.41700	Oversupply
5/31/2023 11:39	0:02	SSA3	0.05885	0.97600	Oversupply
5/31/2023 11:41	0:02	SSA3	0.05885	0.94900	Oversupply
5/31/2023 11:42	0:01	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 11:43	0:02	SSA3	0.06066	0.38600	Oversupply
5/31/2023 11:45	0:07	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 11:45	0:01	KWPPI	0.00138	0.08283	System Constraint
5/31/2023 11:45	0:08	SSA3	0.27418	0.01200	Oversupply
5/31/2023 11:48	0:04	AWE	0.10877	20.90000	Oversupply
5/31/2023 11:48	0:04	KWPPI	0.07423	1.52787	System Constraint
5/31/2023 11:53	0:02	SSA3	0.06911	1.11800	Oversupply
5/31/2023 11:55	0:27	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 11:55	0:23	KWPPI	0.34851	3.17749	System Constraint
5/31/2023 11:55	0:26	SSA3	1.03676	0.00200	Oversupply
5/31/2023 11:56	0:06	AWE	0.16709	21.00000	Oversupply
5/31/2023 12:03	0:19	AWE	0.71881	21.00000	Oversupply
5/31/2023 12:21	0:02	SSA3	0.09097	0.21400	Oversupply
5/31/2023 12:23	0:19	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 12:23	0:19	AWE	1.40282	21.00000	Oversupply
5/31/2023 12:23	0:18	SSA3	0.74397	-0.00100	Oversupply
5/31/2023 12:26	0:06	KWPPI	0.03218	0.54089	System Constraint
5/31/2023 12:33	0:03	KWPPI	0.01183	0.37723	System Constraint
5/31/2023 12:39	0:01	KWPPI	0.00130	0.07784	System Constraint
5/31/2023 12:42	0:02	SSA3	0.07741	0.10400	Oversupply
5/31/2023 12:44	0:02	SSA3	0.05863	1.33100	Oversupply
5/31/2023 12:46	0:02	SSA3	0.04607	1.31400	Oversupply
5/31/2023 12:49	0:10	17-2	0.08375	0.75000	Oversupply
5/31/2023 12:50	0:02	SSA3	0.04607	1.64800	Oversupply
5/31/2023 12:52	0:02	SSA3	0.04646	1.61000	Oversupply
5/31/2023 12:54	0:02	SSA3	0.04607	1.25900	Oversupply
5/31/2023 12:56	0:02	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 12:56	0:02	SSA3	0.04607	0.36700	Oversupply
5/31/2023 12:57	0:01	AWE	0.00274	21.00000	Oversupply
5/31/2023 12:57	0:01	KWPPI	0.00071	0.26246	System Constraint
5/31/2023 12:58	0:02	SSA3	0.04629	0.87000	Oversupply



Maui Curtailment Report

May 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
5/31/2023 13:00	0:02	SSA3	0.04065	1.25300	Oversupply
5/31/2023 13:01	0:01	17-2	0.01250	0.75000	Oversupply
5/31/2023 13:04	0:18	17-2	0.14268	0.75000	Oversupply
5/31/2023 13:04	0:02	SSA3	0.04165	0.96500	Oversupply
5/31/2023 13:08	0:02	SSA3	0.04098	0.79500	Oversupply
5/31/2023 13:10	0:02	SSA3	0.04098	0.95000	Oversupply
5/31/2023 13:12	0:02	SSA3	0.04098	0.95600	Oversupply
5/31/2023 13:16	0:02	SSA3	0.03634	1.79500	Oversupply
5/31/2023 13:18	0:02	SSA3	0.03694	1.83600	Oversupply
5/31/2023 13:20	0:02	SSA3	0.03634	1.19800	Oversupply
5/31/2023 13:24	0:03	17-2	0.02562	0.68600	Oversupply
5/31/2023 13:24	0:02	SSA3	0.03694	1.88900	Oversupply
5/31/2023 13:35	0:01	17-2	0.00259	0.47200	Oversupply
5/31/2023 13:40	0:02	17-2	0.01278	0.49300	Oversupply
5/31/2023 13:40	0:02	SSA3	0.02870	1.46600	Oversupply
5/31/2023 13:45	0:23	17-2	0.14098	0.45700	Oversupply
5/31/2023 13:46	0:02	SSA3	0.04631	1.22900	Oversupply
5/31/2023 13:48	0:02	SSA3	0.04631	0.58000	Oversupply
5/31/2023 13:50	0:16	SSA3	0.33112	0.01300	Oversupply
5/31/2023 13:51	0:03	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 13:51	0:06	KWP11	0.02692	0.67661	System Constraint
5/31/2023 13:52	0:01	AWE	0.01607	21.00000	Oversupply
5/31/2023 13:55	0:11	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 13:56	0:11	AWE	0.33408	21.00000	Oversupply
5/31/2023 14:06	0:02	SSA3	0.03466	0.56500	Oversupply
5/31/2023 14:08	0:02	SSA3	0.03437	0.88000	Oversupply
5/31/2023 14:09	0:04	17-2	0.02373	0.35600	Oversupply
5/31/2023 14:10	0:02	SSA3	0.03552	0.61100	Oversupply
5/31/2023 14:11	0:01	BS250	Data is not available	Data is not available	Oversupply
5/31/2023 14:11	0:01	AWE	0.00557	21.00000	Oversupply
5/31/2023 14:11	0:01	KWP11	0.00286	0.17165	System Constraint
5/31/2023 14:14	0:02	SSA3	0.02397	0.94700	Oversupply
5/31/2023 14:15	0:05	17-2	0.02623	0.35600	Oversupply
5/31/2023 14:16	0:02	SSA3	0.01512	0.33600	Oversupply
5/31/2023 14:22	0:03	17-2	0.01780	0.35600	Oversupply
5/31/2023 14:23	0:02	SSA3	0.01512	0.66000	Oversupply
5/31/2023 15:15	0:03	17-2	0.00964	0.35600	Oversupply
5/31/2023 15:15	0:02	SSA3	0.02727	1.66500	Oversupply
5/31/2023 15:24	0:01	17-2	0.00011	0.24200	Oversupply
5/31/2023 15:29	0:02	SSA3	0.02869	1.48100	Oversupply
5/31/2023 15:30	0:02	17-2	0.00837	0.25100	Oversupply

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

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(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

Chu, Michael

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To: Chu, Michael
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Aloha Michael Chu,

Your electronic filing to the Hawaii Public Utilities Commission has been **FILED**. You will receive an email when the filing is public.

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E-Filing Confirmation Number: F-290041
Account: Hawaiian Electric Company, Inc.
Date and Time Submitted: 6/22/2023, 11:20 AM
Case or Docket Reference Number: PC-181403
Case or Docket Number (if applicable): Pending
Filing Category/Type: Reports / Other

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