



December 21, 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's<sup>1</sup> monthly report for November 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](mailto:michael.chu@hawaiianelectric.com).

Sincerely,

/s/ Kevin M. Katsura

Kevin M. Katsura  
Director, Regulatory Non-Rate Proceedings

Enclosures

c: Service List

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

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

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

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

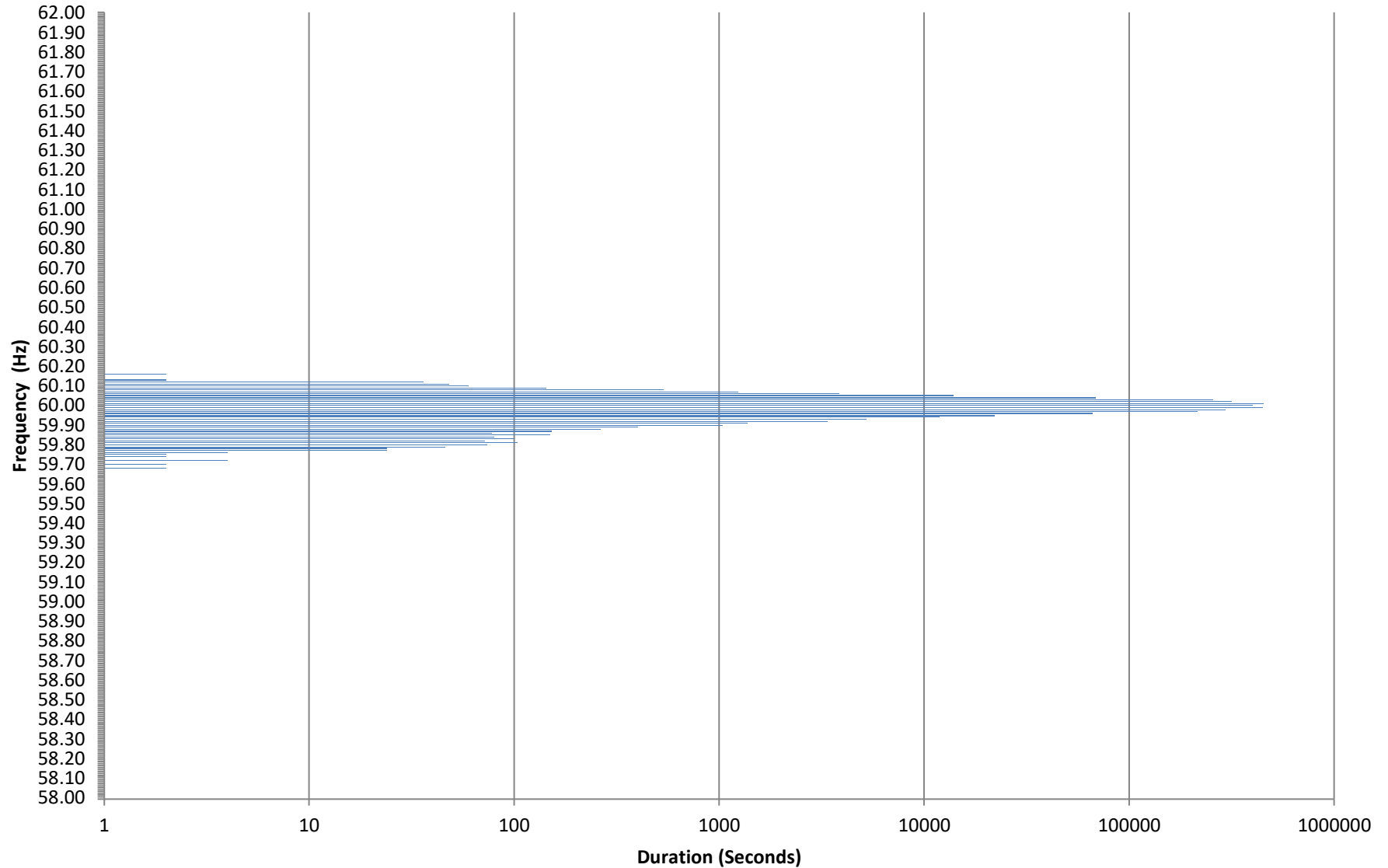
**3a) Tabulation of each curtailment event for each resource including the starting date and time, duration, megawatt hours curtailed, peak MW curtailed, and reason for curtailment:**

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

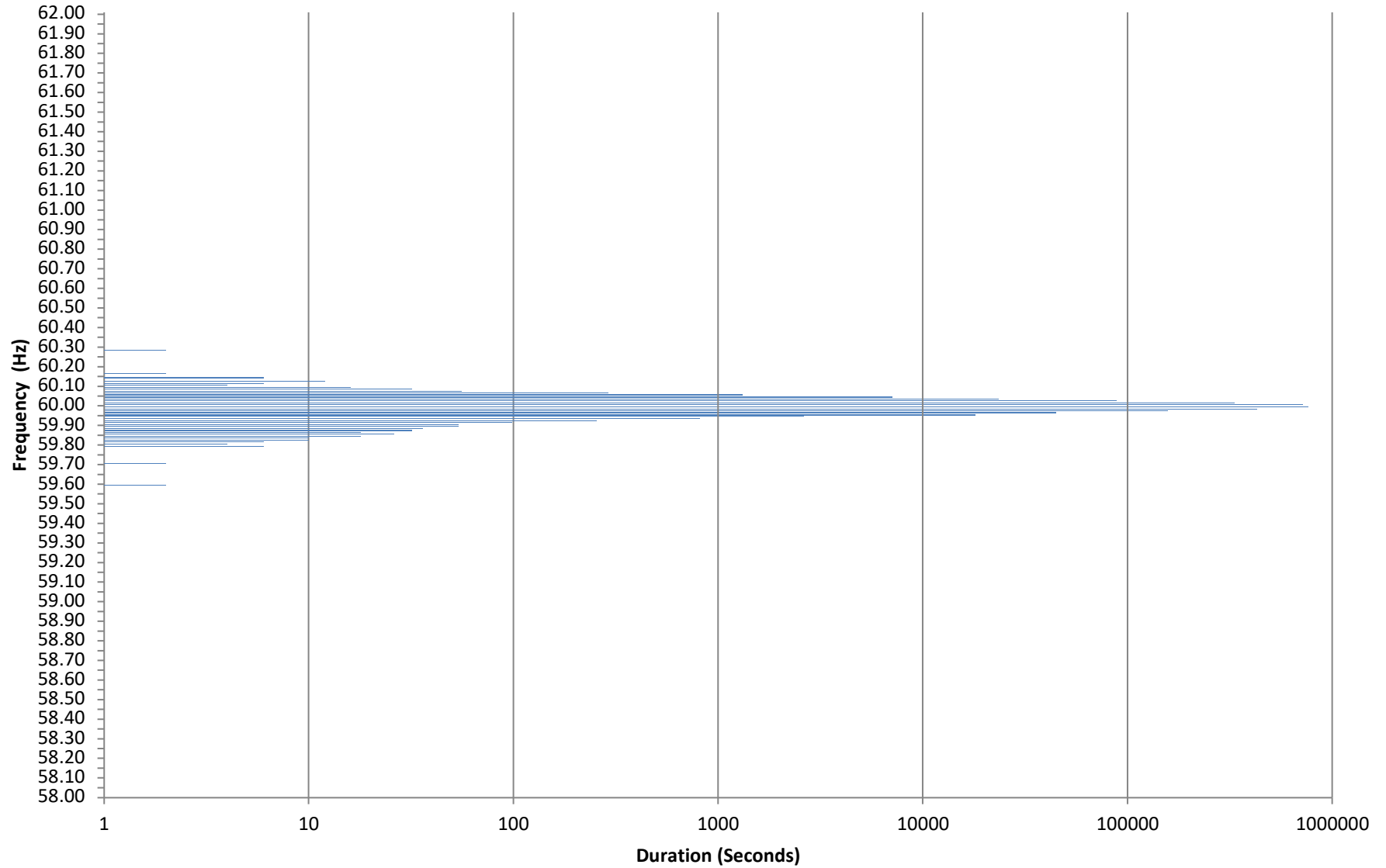
**3b) Total MWh of non-dispatchable renewable resources curtailed for the month:**

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.

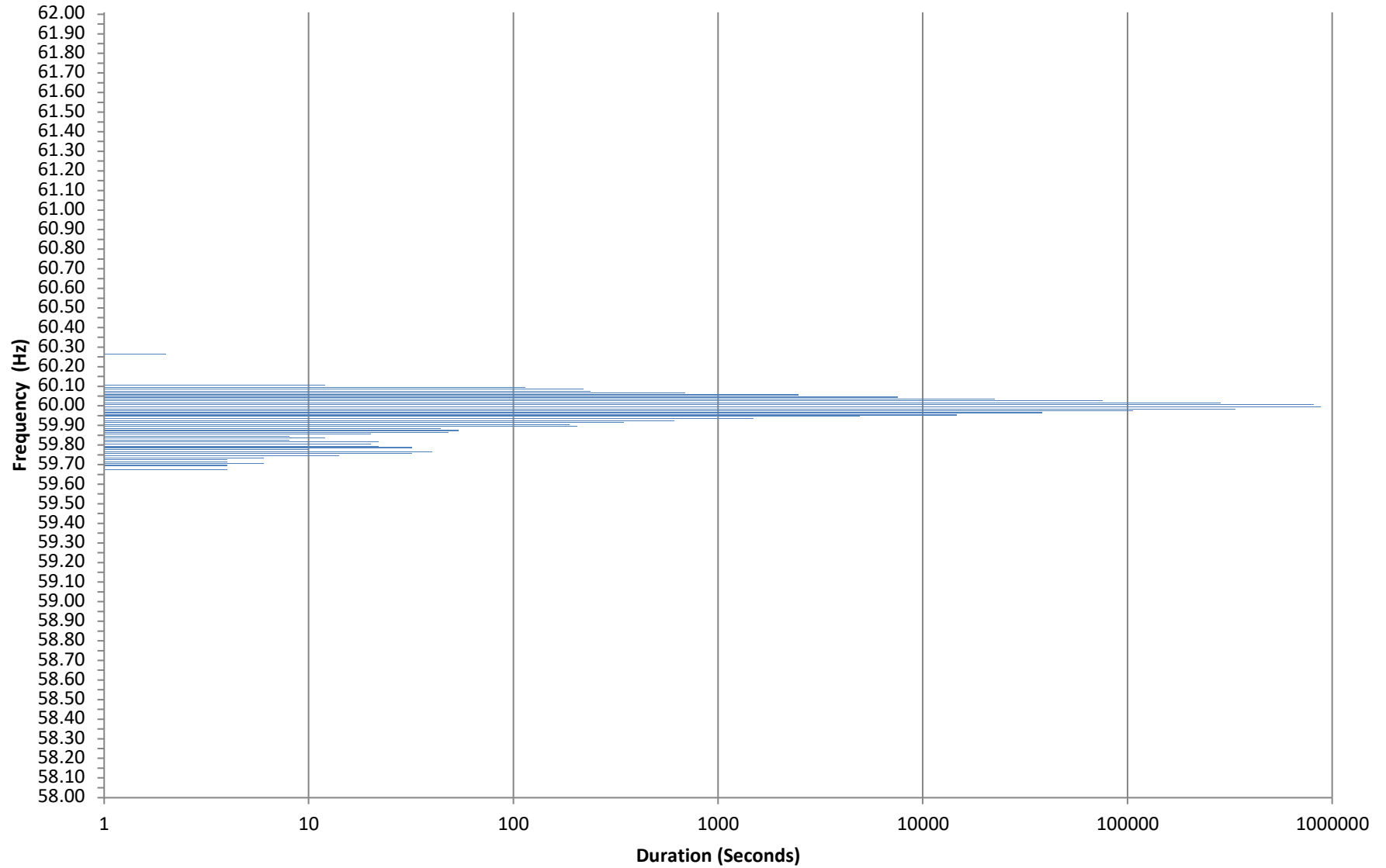
## Frequency Distribution Plot - Hawaiian Electric November 2023



## Frequency Distribution Plot - Hawai'i Island November 2023



## Frequency Distribution Plot - Maui Electric Company, Limited November 2023



Hawaiian Electric Frequency Excursion Statistics November 2023		
Data Rounded to the nearest	<59.95 Hz	>60.05 Hz
Number of Excursions	2692	1130
Maximum Duration (sec)	836	278
Maximum Deviation (Hz)	59.68	60.16
Total Duration of Excursions (sec)	31920	9278



Hawai'i Island Frequency Excursion Statistics November 2023		
	<59.95 Hz	>60.05 Hz
Number of Excursions	2650	218
Maximum Duration (sec)	74	38
Maximum Deviation (Hz)	59.593	60.277
Total Duration of Excursions (sec)	12526	822

Maui Electric Company, Limited Frequency Excursion Statistics November 2023		
	<59.95 Hz	>60.05 Hz
Number of Excursions	4266	154
Maximum Duration (sec)	348	218
Maximum Deviation (Hz)	59.667	60.257
Total Duration of Excursions (sec)	22794	1278



MAUI ELECTRIC  
 UNDERFREQUENCY LOADSHEDDING EVENTS  
 November 2023

DOCKET NO. 2011-0206  
 ORDER NO. 30371 I.C.(2)(b)  
 ATTACHMENT 4  
 PAGE 1 OF 1

Event #	IR #	Island	Date & Time	Frequency (Hz)			Load Shed (MW)	Duration (HH:MM)	Description
				Prior to Event	Nadir	Levels UFLS Occurred			
1	834	Lanai	11/28/2023 00:51AM	60.01	54.5	58.5, 57.5, 57, 55	1.6	1:45	Lanai unit LL-7 tripped offline due to mechanical issues, the system frequency dipped causing circuit 1226, 1227, 1228 and Manele Hotel breakers to trip on UFLS scheme.

HAWAIIAN ELECTRIC COMPANY, INC.  
 DEMAND RESPONSE EVENTS  
 November 2023

Event #	Date & Time	Frequency (Hz)			Load Shed (MW)	Duration (HH:MM)	Description
		Prior to Event	Nadir	Trigger			
1	11/7/2023 20:51	59.98	59.68	59.70	NA	0:02	Waiiau 9 tripped offline while generating ~42 MW. RDLC activated.

Hawaiian Electric Company, Inc. Curtailment Report November 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
11/05/23 10:10	0.0	1.70	11/05/23 11:09	0	*	KREP	System Constraints
11/05/23 10:11	0.0	0.00	11/05/23 11:10	0	*	Aloha2	System Constraints
11/05/23 10:13	0.0	5.00	11/05/23 11:10	0	*	WestL	System Constraints
11/05/23 10:17	0.0	22.10	11/05/23 11:31	0	*	KSMauka	Oversupply
11/05/23 10:20	0.0	13.50	11/05/23 11:22	0	*	KSMakai	Oversupply
11/06/23 07:44	0.0	0.40	11/06/23 17:09	0	*	MFO	System Constraints
11/06/23 08:03	0.0	4.80	11/06/23 17:06	0	*	KSMakai	System Constraints
11/06/23 08:03	0.0	9.80	11/06/23 10:01	0	*	KSMauka	System Constraints
11/06/23 08:24	0.0	0.00	11/06/23 17:08	0	*	KWF	System Constraints
11/06/23 09:26	0.0	0.00	11/06/23 17:04	0	*	KWMakai	System Constraints
11/06/23 09:26	0.0	0.00	11/06/23 10:04	0	*	KWMauka	System Constraints
11/06/23 16:13	0.0	29.40	11/06/23 17:04	0	*	KWMauka	System Constraints
11/06/23 16:14	0.0	0.00	11/06/23 17:06	0	*	KSMauka	System Constraints
11/07/23 07:09	0.0	23.80	11/07/23 15:17	0	*	NPM	System Constraints
11/09/23 13:34	0.0	13.40	11/09/23 14:22	0	*	KSMakai	Oversupply
11/09/23 13:34	0.0	19.30	11/09/23 14:22	0	*	KSMauka	Oversupply
11/14/23 12:36	0.0	8.70	11/14/23 13:19	0	*	KSMauka	Oversupply
11/14/23 12:41	0.0	8.60	11/14/23 13:19	0	*	KSMakai	Oversupply
11/16/23 06:35	0.0	0.00	11/16/23 08:11	0	*	KREP	System Constraints
11/16/23 06:36	0.0	0.00	11/16/23 08:11	0	*	WestL	System Constraints
11/16/23 06:56	0.0	0.00	11/16/23 17:14	0	*	MFO	System Constraints
11/16/23 07:00	0.0	0.00	11/16/23 08:46	0	*	KSMakai	System Constraints
11/16/23 07:00	0.0	0.00	11/16/23 08:46	0	*	KSMauka	System Constraints
11/16/23 07:07	0.0	31.20	11/16/23 08:43	0	*	KWMauka	System Constraints
11/16/23 07:14	0.0	14.30	11/16/23 17:15	0	*	KWF	System Constraints
11/16/23 15:53	0.0	8.10	11/16/23 17:03	0	*	KSMakai	System Constraints
11/16/23 17:23	0.0	1.00	11/16/23 18:56	0	*	WestL	System Constraints
11/16/23 17:46	0.0	0.00	11/16/23 18:53	0	*	KREP	System Constraints
11/23/23 18:39	0.0	0.00	11/24/23 15:41	0	*	KWMauka	System Constraints
11/24/23 04:53	0.0	0.00	11/24/23 15:41	0	*	KWMakai	System Constraints
11/25/23 12:23	0.0	21.60	11/25/23 12:48	0	*	Waianae	System Constraints
11/28/23 06:28	0.0	0.00	11/28/23 21:29	0	*	MFO	System Constraints
11/28/23 06:53	0.0	0.00	11/28/23 09:14	0	*	KSMakai	System Constraints
11/28/23 06:53	0.0	0.00	11/28/23 09:14	0	*	KSMauka	System Constraints
11/28/23 07:04	0.0	1.80	11/28/23 09:12	0	*	KWMakai	System Constraints
11/28/23 07:04	0.0	7.80	11/28/23 09:12	0	*	KWMauka	System Constraints
11/28/23 07:07	0.0	0.00	11/29/23 07:52	0	*	KWF	System Constraints
11/28/23 19:31	0.0	0.00	11/28/23 21:20	0	*	KSMakai	System Constraints
11/28/23 19:31	0.0	0.00	11/28/23 21:19	0	*	KSMauka	System Constraints
11/28/23 19:33	0.0	0.60	11/28/23 21:17	0	*	KWMauka	System Constraints
11/28/23 19:34	0.0	1.00	11/28/23 21:16	0	*	KWMakai	System Constraints
11/30/23 09:43	0.0	0.00	11/30/23 09:56	0	*	Aloha2	System Constraints
11/30/23 18:26	0.0	0.00	11/30/23 20:55	0	*	Aloha2	System Constraints

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 = Kawaiolo Solar Makai  
KSMauka = Kawaiolo Solar Mauka  
KWMakai = Kawaiolo Wind Makai  
KWMauka = Kawaiolo 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 November 2023

Start Date/Time	MW output prior to start of curtailment	End Date/Time	MW output after curtailment released <sup>1</sup>	IPP	Reason for Curtailment
11/02/23 07:48	0.0 MW	11/02/23 13:03	0.0 MW	Hawi Renewable Dev	Facility Requested
11/04/23 11:27	33.6 MW	11/04/23 13:18	29.9 MW	Puna Geothermal Venture	Oversupply
11/06/23 08:28	17.9 MW	11/07/23 08:34	17.3 MW	Pakini Nui	Facility Requested
11/07/23 10:33	19.9 MW	11/07/23 14:18	17.7 MW	Pakini Nui	Facility Requested
11/12/23 07:52	18.7 MW	11/12/23 17:37	15.4 MW	Pakini Nui	Facility Requested
11/13/23 13:52	19.9 MW	11/13/23 15:42	16.7 MW	Pakini Nui	Facility Requested
11/13/23 02:31	31.2 MW	11/13/23 03:53	28.0 MW	Puna Geothermal Venture	Oversupply
11/15/23 11:23	1.0 MW	11/15/23 12:35	0.0 MW	TGUHI	Oversupply
11/15/23 11:27	0.1 MW	11/15/23 12:32	0.0 MW	West Hawaii Civic Center	Oversupply
11/15/23 11:32	19.1 MW	11/15/23 12:32	11.2 MW	Pakini Nui	Oversupply
11/16/23 02:12	19.9 MW	11/16/23 04:24	19.3 MW	Pakini Nui	Oversupply
11/16/23 09:01	4.7 MW	11/16/23 11:24	0.7 MW	Hawi Renewable Dev	System Constraint
11/21/23 09:29	5.6 MW	11/21/23 14:17	0.7 MW	Hawi Renewable Dev	Facility Requested
11/23/23 02:43	35.1 MW	11/23/23 04:55	30.3 MW	Puna Geothermal Venture	Oversupply
11/26/23 02:10	33.8 MW	11/26/23 04:13	27.3 MW	Puna Geothermal Venture	Oversupply

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



Lanai Curtailment Report

Start Date and Time	Duration (h:mm)	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
No curtailment for November 2023					
<b>Notes:</b>					
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

November 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/1/23 10:35	0:01	17-2	0.00320	0.19200	Oversupply
11/1/23 10:37	0:04	17-2	0.01947	0.35500	Oversupply
11/1/23 10:42	0:38	17-2	0.42311	0.75000	Oversupply
11/1/23 10:58	0:02	SSA3	0.00200	0.81700	Oversupply
11/1/23 11:00	0:02	SSA3	0.01045	0.82100	Oversupply
11/1/23 11:02	0:02	SSA3	0.01062	0.82200	Oversupply
11/1/23 11:04	0:02	SSA3	0.01045	0.82500	Oversupply
11/1/23 11:06	0:01	BS250	Data is not available	Data is not available	Oversupply
11/1/23 11:06	0:02	SSA3	0.01080	0.20200	Oversupply
11/1/23 11:08	0:02	SSA3	0.01054	0.30400	Oversupply
11/1/23 11:09	0:01	BS250	Data is not available	Data is not available	Oversupply
11/1/23 11:10	0:02	SSA3	0.01045	0.24700	Oversupply
11/1/23 11:11	0:01	BS250	Data is not available	Data is not available	Oversupply
11/1/23 11:11	0:01	AWE	0.00469	5.50000	Oversupply
11/1/23 11:12	0:02	SSA3	0.01036	0.56000	Oversupply
11/1/23 11:16	0:02	SSA3	0.00052	0.83200	Oversupply
11/1/23 11:21	0:06	17-2	0.05783	0.75000	Oversupply
11/1/23 13:29	0:03	17-2	0.00287	0.75000	Oversupply
11/1/23 13:35	0:26	17-2	0.29658	0.75000	Oversupply
11/1/23 13:41	0:02	SSA3	0.00137	0.86700	Oversupply
11/1/23 13:49	0:02	SSA3	0.01103	0.23000	Oversupply
11/1/23 13:50	0:01	BS250	Data is not available	Data is not available	Oversupply
11/1/23 13:50	0:02	AWE	0.00799	11.30000	Oversupply
11/1/23 13:51	0:02	SSA3	0.01103	0.43200	Oversupply
11/1/23 13:53	0:02	SSA3	0.01112	0.85600	Oversupply
11/1/23 13:55	0:01	BS250	Data is not available	Data is not available	Oversupply
11/1/23 13:55	0:02	SSA3	0.01103	0.46200	Oversupply
11/1/23 13:57	0:01	AWE	0.00217	11.00000	Oversupply
11/1/23 14:05	0:01	17-2	0.00134	0.75000	Oversupply
11/2/23 8:41	0:04	17-2	0.02215	0.53100	Oversupply
11/2/23 9:41	0:01	AWE	0.00333	0.20000	Oversupply
11/2/23 9:42	0:16	17-2	0.16774	0.75000	Oversupply
11/2/23 9:59	0:01	17-2	0.00599	0.75000	Oversupply
11/2/23 10:27	0:08	17-2	0.08274	0.75000	Oversupply
11/2/23 10:36	0:01	17-2	0.00552	0.75000	Oversupply
11/2/23 10:38	0:02	17-2	0.00911	0.75000	Oversupply
11/2/23 10:41	0:02	17-2	0.01448	0.75000	Oversupply
11/2/23 10:45	0:02	17-2	0.01875	0.75000	Oversupply
11/2/23 10:48	0:03	17-2	0.03023	0.75000	Oversupply
11/2/23 10:52	0:02	17-2	0.00438	0.23900	Oversupply
11/2/23 10:55	0:47	17-2	0.42098	0.75000	Oversupply
11/2/23 11:01	0:02	SSA3	0.00114	0.82100	Oversupply
11/2/23 11:05	0:02	SSA3	0.00116	0.83000	Oversupply
11/2/23 11:09	0:02	SSA3	0.00115	0.82300	Oversupply
11/2/23 11:11	0:02	SSA3	0.00114	0.83500	Oversupply
11/2/23 11:27	0:02	SSA3	0.00150	0.83900	Oversupply
11/2/23 11:29	0:02	SSA3	0.00537	0.84400	Oversupply
11/2/23 11:31	0:02	SSA3	0.00590	0.60600	Oversupply
11/2/23 11:33	0:02	SSA3	0.00595	0.50800	Oversupply
11/2/23 11:35	0:01	BS250	Data is not available	Data is not available	Oversupply
11/2/23 11:37	0:02	SSA3	0.00595	0.74000	Oversupply
11/2/23 11:39	0:02	SSA3	0.00595	0.84200	Oversupply
11/2/23 11:45	0:01	17-2	0.01017	0.75000	Oversupply
11/2/23 12:53	0:01	KWPPI	0.00002	0.00100	Oversupply
11/3/23 11:35	0:02	SSA3	0.00132	0.62000	Oversupply
11/3/23 11:36	0:05	17-2	0.03605	0.48000	Oversupply
11/3/23 11:39	0:02	SSA3	0.00132	0.33500	Oversupply
11/3/23 11:42	0:02	17-2	0.00809	0.59000	Oversupply
11/3/23 11:45	0:02	SSA3	0.01517	0.33800	Oversupply
11/3/23 11:46	0:01	BS250	Data is not available	Data is not available	Oversupply
11/3/23 11:46	1:54	17-2	0.69537	0.75000	Oversupply
11/3/23 11:47	0:02	SSA3	0.01542	0.37600	Oversupply
11/3/23 11:48	0:01	BS250	Data is not available	Data is not available	Oversupply
11/3/23 11:49	0:02	SSA3	0.01504	-0.00300	Oversupply
11/3/23 11:50	0:01	BS250	Data is not available	Data is not available	Oversupply
11/3/23 11:51	0:02	SSA3	0.01567	-0.00300	Oversupply
11/3/23 11:52	0:02	BS250	Data is not available	Data is not available	Oversupply
11/3/23 11:53	0:02	KWPPI	0.02853	5.17041	Oversupply
11/3/23 11:53	0:02	SSA3	0.01517	-0.00300	Oversupply
11/3/23 11:55	0:02	SSA3	0.01580	0.19700	Oversupply
11/3/23 11:57	0:02	SSA3	0.01504	0.31000	Oversupply
11/3/23 11:58	0:02	KWPPI	0.00377	7.08349	Oversupply
11/3/23 11:59	0:01	BS250	Data is not available	Data is not available	Oversupply
11/3/23 11:59	0:02	SSA3	0.01864	0.19900	Oversupply
11/3/23 12:01	0:02	SSA3	0.01411	0.02100	Oversupply
11/3/23 12:02	0:01	BS250	Data is not available	Data is not available	Oversupply
11/3/23 12:03	0:02	SSA3	0.01411	0.41000	Oversupply



Maui Curtailment Report

November 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/3/23 12:04	1:35	BS250	Data is not available	Data is not available	Oversupply
11/3/23 12:05	0:08	KWPPII	0.16542	6.83100	Oversupply
11/3/23 12:05	1:33	SSA3	0.94140	-0.00400	Oversupply
11/3/23 12:14	1:25	KWPPII	6.26980	9.75900	Oversupply
11/3/23 12:33	0:05	AWE	0.09253	17.80000	Oversupply
11/3/23 12:39	0:03	AWE	0.01883	17.20000	Oversupply
11/3/23 12:43	0:21	AWE	0.63017	17.20000	Oversupply
11/3/23 13:10	0:01	AWE	0.00660	12.10000	Oversupply
11/3/23 13:15	0:02	AWE	0.00666	13.30000	Oversupply
11/3/23 13:38	0:02	SSA3	0.01455	0.06600	Oversupply
11/3/23 13:42	0:16	17-2	0.08935	0.75000	Oversupply
11/3/23 13:46	0:05	BS250	Data is not available	Data is not available	Oversupply
11/3/23 13:46	0:06	SSA3	0.04649	0.25500	Oversupply
11/3/23 13:47	0:05	KWPPII	0.05374	9.50752	Oversupply
11/3/23 16:50	22:07	KWPPII	274.18086	21.09777	Oversupply
11/3/23 22:13	0:03	AWE	0.06281	19.80000	Oversupply
11/3/23 22:24	0:18	AWE	0.50934	16.40000	Oversupply
11/3/23 22:43	0:22	AWE	2.52607	19.60000	Oversupply
11/3/23 23:23	0:05	AWE	0.26500	13.60000	Oversupply
11/3/23 23:37	0:30	AWE	2.33118	19.70000	Oversupply
11/4/23 0:08	0:03	AWE	0.01793	9.50000	Oversupply
11/4/23 0:12	0:01	AWE	0.00520	9.30000	Oversupply
11/4/23 0:16	0:22	AWE	2.55340	21.00000	Oversupply
11/4/23 0:48	5:10	AWE	47.71320	21.00000	Oversupply
11/4/23 6:27	8:41	BS250	Data is not available	Data is not available	Oversupply
11/4/23 6:35	0:40	SSA3	-0.00051	0.00300	Oversupply
11/4/23 7:01	8:49	17-2	5.19971	0.75000	Oversupply
11/4/23 7:15	7:53	SSA3	5.13780	0.05200	Oversupply
11/4/23 7:51	6:19	AWE	84.27980	21.00000	Oversupply
11/4/23 11:20	0:01	5A	Data is not available	Data is not available	Oversupply
11/4/23 11:23	0:05	5A	Data is not available	Data is not available	Oversupply
11/4/23 11:27	0:01	MS	Data is not available	Data is not available	Oversupply
11/4/23 11:30	0:05	MS	Data is not available	Data is not available	Oversupply
11/4/23 11:30	0:14	5A	Data is not available	Data is not available	Oversupply
11/4/23 11:37	0:14	MS	Data is not available	Data is not available	Oversupply
11/4/23 11:46	0:01	5A	Data is not available	Data is not available	Oversupply
11/4/23 11:48	0:03	5A	Data is not available	Data is not available	Oversupply
11/4/23 11:52	0:01	5A	Data is not available	Data is not available	Oversupply
11/4/23 11:53	0:01	MS	Data is not available	Data is not available	Oversupply
11/4/23 11:55	0:03	MS	Data is not available	Data is not available	Oversupply
11/4/23 11:55	0:06	5A	Data is not available	Data is not available	Oversupply
11/4/23 11:59	0:01	MS	Data is not available	Data is not available	Oversupply
11/4/23 12:02	0:06	MS	Data is not available	Data is not available	Oversupply
11/4/23 12:02	0:01	5A	Data is not available	Data is not available	Oversupply
11/4/23 12:08	0:01	5A	Data is not available	Data is not available	Oversupply
11/4/23 12:09	0:01	MS	Data is not available	Data is not available	Oversupply
11/4/23 12:15	0:01	MS	Data is not available	Data is not available	Oversupply
11/4/23 12:20	0:01	5A	Data is not available	Data is not available	Oversupply
11/4/23 12:22	0:01	5A	Data is not available	Data is not available	Oversupply
11/4/23 12:26	0:01	5A	Data is not available	Data is not available	Oversupply
11/4/23 12:27	0:01	MS	Data is not available	Data is not available	Oversupply
11/4/23 12:29	0:01	MS	Data is not available	Data is not available	Oversupply
11/4/23 12:30	0:01	KWP	0.00267	12.40000	Oversupply
11/4/23 12:33	0:01	MS	Data is not available	Data is not available	Oversupply
11/4/23 14:12	0:01	AWE	0.00241	21.00000	Oversupply
11/4/23 14:17	0:01	AWE	0.00141	21.00000	Oversupply
11/4/23 14:19	0:03	AWE	0.03109	21.00000	Oversupply
11/4/23 14:23	0:01	AWE	0.00057	21.00000	Oversupply
11/4/23 14:25	0:01	AWE	0.00274	21.00000	Oversupply
11/4/23 14:27	0:06	AWE	0.03875	21.00000	Oversupply
11/4/23 15:00	0:01	KWPPII	0.01171	10.62024	Oversupply
11/4/23 15:02	0:05	KWPPII	0.09266	12.86265	Oversupply
11/4/23 15:13	0:05	KWPPII	0.08880	15.53517	Oversupply
11/4/23 15:21	0:18	BS250	Data is not available	Data is not available	Oversupply
11/4/23 15:21	0:55	KWPPII	2.63069	16.21378	Oversupply
11/4/23 15:21	0:18	SSA3	0.08580	0.53600	Oversupply
11/4/23 15:39	0:02	SSA3	0.00991	0.00500	Oversupply
11/4/23 15:41	0:02	SSA3	0.00983	0.41400	Oversupply
11/4/23 15:45	0:02	SSA3	0.00155	0.44100	Oversupply
11/4/23 15:47	0:02	SSA3	0.00154	0.05100	Oversupply
11/4/23 16:17	3:37	KWPPII	258.18303	16.52414	Oversupply
11/5/23 0:37	0:09	AWE	0.31944	19.80000	Oversupply
11/5/23 0:47	0:06	AWE	0.20006	17.30000	Oversupply
11/5/23 0:57	2:51	AWE	19.81376	21.00000	Oversupply
11/5/23 3:53	0:01	AWE	0.00543	17.80000	Oversupply
11/5/23 3:58	0:59	AWE	1.93352	21.00000	Oversupply
11/5/23 5:16	0:01	AWE	0.00444	21.00000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/5/23 5:33	0:06	AWE	0.05761	20.00000	Oversupply
11/5/23 5:42	0:01	AWE	0.00036	19.80000	Oversupply
11/5/23 5:45	0:01	AWE	0.00236	20.00000	Oversupply
11/5/23 6:17	8:46	BS250	Data is not available	Data is not available	Oversupply
11/5/23 7:11	8:07	17-2	4.73824	0.75000	Oversupply
11/5/23 7:16	7:47	SSA3	5.09021	0.00000	Oversupply
11/5/23 7:41	0:04	AWE	0.05476	21.00000	Oversupply
11/5/23 8:00	0:01	AWE	0.00041	21.00000	Oversupply
11/5/23 8:04	0:01	AWE	0.00274	21.00000	Oversupply
11/5/23 8:08	6:18	AWE	92.11657	21.00000	Oversupply
11/5/23 10:30	0:01	5A	Data is not available	Data is not available	Oversupply
11/5/23 10:37	0:01	MS	Data is not available	Data is not available	Oversupply
11/5/23 10:42	0:01	5A	Data is not available	Data is not available	Oversupply
11/5/23 10:44	0:11	5A	Data is not available	Data is not available	Oversupply
11/5/23 10:49	0:01	MS	Data is not available	Data is not available	Oversupply
11/5/23 10:51	0:11	MS	Data is not available	Data is not available	Oversupply
11/5/23 10:56	0:01	KWP	0.00267	18.16000	Oversupply
11/5/23 10:56	0:09	5A	Data is not available	Data is not available	Oversupply
11/5/23 11:01	0:01	KWP	0.00267	16.08000	Oversupply
11/5/23 11:03	0:09	MS	Data is not available	Data is not available	Oversupply
11/5/23 11:04	0:01	KWP	0.00267	15.60000	Oversupply
11/5/23 11:06	0:01	KWP	0.00267	15.44000	Oversupply
11/5/23 11:06	0:05	5A	Data is not available	Data is not available	Oversupply
11/5/23 11:09	0:01	KWP	0.00267	14.80000	Oversupply
11/5/23 11:11	0:01	KWP	0.00112	14.96000	Oversupply
11/5/23 11:12	0:02	5A	Data is not available	Data is not available	Oversupply
11/5/23 11:13	0:05	MS	Data is not available	Data is not available	Oversupply
11/5/23 11:14	0:03	KWP	0.00800	14.80000	Oversupply
11/5/23 11:15	0:01	5A	Data is not available	Data is not available	Oversupply
11/5/23 11:17	0:04	5A	Data is not available	Data is not available	Oversupply
11/5/23 11:19	0:02	MS	Data is not available	Data is not available	Oversupply
11/5/23 11:22	0:01	MS	Data is not available	Data is not available	Oversupply
11/5/23 11:22	0:03	5A	Data is not available	Data is not available	Oversupply
11/5/23 11:24	0:04	MS	Data is not available	Data is not available	Oversupply
11/5/23 11:25	0:01	KWP	0.00267	14.96000	Oversupply
11/5/23 11:26	0:02	5A	Data is not available	Data is not available	Oversupply
11/5/23 11:29	0:03	MS	Data is not available	Data is not available	Oversupply
11/5/23 11:29	0:05	5A	Data is not available	Data is not available	Oversupply
11/5/23 11:33	0:02	MS	Data is not available	Data is not available	Oversupply
11/5/23 11:33	0:01	KWP	0.00267	15.60000	Oversupply
11/5/23 11:36	0:05	MS	Data is not available	Data is not available	Oversupply
11/5/23 11:38	0:01	KWP	0.00171	14.96000	Oversupply
11/5/23 11:38	0:05	5A	Data is not available	Data is not available	Oversupply
11/5/23 11:45	0:05	MS	Data is not available	Data is not available	Oversupply
11/5/23 11:45	0:01	5A	Data is not available	Data is not available	Oversupply
11/5/23 11:47	0:09	5A	Data is not available	Data is not available	Oversupply
11/5/23 11:49	0:01	KWP	0.00006	15.92000	Oversupply
11/5/23 11:52	0:01	MS	Data is not available	Data is not available	Oversupply
11/5/23 11:54	0:09	MS	Data is not available	Data is not available	Oversupply
11/5/23 11:57	0:03	5A	Data is not available	Data is not available	Oversupply
11/5/23 12:01	0:01	5A	Data is not available	Data is not available	Oversupply
11/5/23 12:03	0:02	5A	Data is not available	Data is not available	Oversupply
11/5/23 12:04	0:03	MS	Data is not available	Data is not available	Oversupply
11/5/23 12:06	0:06	5A	Data is not available	Data is not available	Oversupply
11/5/23 12:08	0:01	MS	Data is not available	Data is not available	Oversupply
11/5/23 12:09	0:01	KWP	0.00267	15.60000	Oversupply
11/5/23 12:10	0:02	MS	Data is not available	Data is not available	Oversupply
11/5/23 12:13	0:06	MS	Data is not available	Data is not available	Oversupply
11/5/23 12:14	0:03	5A	Data is not available	Data is not available	Oversupply
11/5/23 12:18	0:03	5A	Data is not available	Data is not available	Oversupply
11/5/23 12:21	0:03	MS	Data is not available	Data is not available	Oversupply
11/5/23 12:24	0:07	5A	Data is not available	Data is not available	Oversupply
11/5/23 12:25	0:03	MS	Data is not available	Data is not available	Oversupply
11/5/23 12:28	0:01	KWP	0.00800	15.92000	Oversupply
11/5/23 12:31	0:07	MS	Data is not available	Data is not available	Oversupply
11/5/23 12:32	0:03	5A	Data is not available	Data is not available	Oversupply
11/5/23 12:39	0:03	MS	Data is not available	Data is not available	Oversupply
11/5/23 12:42	0:02	5A	Data is not available	Data is not available	Oversupply
11/5/23 12:47	0:01	5A	Data is not available	Data is not available	Oversupply
11/5/23 12:49	0:02	MS	Data is not available	Data is not available	Oversupply
11/5/23 12:54	0:01	MS	Data is not available	Data is not available	Oversupply
11/5/23 14:27	0:04	AWE	0.00480	21.00000	Oversupply
11/5/23 15:03	0:02	SSA3	0.00543	0.22100	Oversupply
11/5/23 15:05	0:02	SSA3	0.00543	0.52000	Oversupply
11/5/23 15:09	0:02	SSA3	0.00543	0.34900	Oversupply
11/5/23 15:11	0:02	SSA3	0.00543	0.28200	Oversupply
11/5/23 15:19	0:10	17-2	0.10355	0.63400	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/5/23 15:21	0:02	SSA3	0.00117	0.52300	Oversupply
11/5/23 15:30	0:02	17-2	0.00583	0.58800	Oversupply
11/5/23 22:10	12:41	KWPPI	354.43927	19.57389	Oversupply
11/5/23 22:18	0:02	AWE	0.04122	21.00000	Oversupply
11/5/23 22:21	2:03	AWE	15.77530	21.00000	Oversupply
11/6/23 0:52	0:03	AWE	0.00593	21.00000	Oversupply
11/6/23 1:20	0:03	AWE	0.01379	20.70000	Oversupply
11/6/23 1:24	0:08	AWE	0.08647	20.70000	Oversupply
11/6/23 1:33	0:06	AWE	0.06060	20.80000	Oversupply
11/6/23 1:53	0:12	AWE	0.13759	20.70000	Oversupply
11/6/23 2:08	2:51	AWE	12.99353	21.00000	Oversupply
11/6/23 5:01	0:01	AWE	0.00065	21.00000	Oversupply
11/6/23 5:28	0:02	AWE	0.00165	21.00000	Oversupply
11/6/23 5:45	0:04	AWE	0.04001	21.00000	Oversupply
11/6/23 6:17	8:58	BS250	Data is not available	Data is not available	Oversupply
11/6/23 6:53	6:03	AWE	62.14646	21.00000	Oversupply
11/6/23 6:56	9:10	17-2	5.51581	0.75000	Oversupply
11/6/23 7:16	8:00	SSA3	5.12489	0.03600	Oversupply
11/6/23 10:24	0:03	5A	Data is not available	Data is not available	Oversupply
11/6/23 10:28	0:03	5A	Data is not available	Data is not available	Oversupply
11/6/23 10:31	0:03	MS	Data is not available	Data is not available	Oversupply
11/6/23 10:35	0:03	MS	Data is not available	Data is not available	Oversupply
11/6/23 11:48	0:05	5A	Data is not available	Data is not available	Oversupply
11/6/23 11:55	0:05	MS	Data is not available	Data is not available	Oversupply
11/6/23 11:58	0:01	KWP	0.00267	23.92000	Oversupply
11/6/23 13:43	0:58	AWE	5.26693	21.00000	Oversupply
11/6/23 15:16	0:02	SSA3	0.01567	0.20000	Oversupply
11/6/23 15:17	0:48	BS250	Data is not available	Data is not available	Oversupply
11/6/23 15:18	0:48	SSA3	0.30096	0.03100	Oversupply
11/7/23 2:18	0:01	AWE	0.00041	21.00000	Oversupply
11/7/23 2:41	0:35	AWE	0.92863	21.00000	Oversupply
11/7/23 3:17	0:04	AWE	0.04536	21.00000	Oversupply
11/7/23 3:26	0:01	AWE	0.00791	21.00000	Oversupply
11/7/23 3:28	0:10	AWE	0.24970	21.00000	Oversupply
11/7/23 3:53	0:21	AWE	0.29924	21.00000	Oversupply
11/7/23 6:44	0:32	SSA3	-0.01000	0.00600	Oversupply
11/7/23 6:45	4:14	BS250	Data is not available	Data is not available	Oversupply
11/7/23 7:16	3:44	SSA3	1.87889	0.00000	Oversupply
11/7/23 7:19	3:41	17-2	0.50869	0.67300	Oversupply
11/7/23 8:35	0:04	AWE	0.05776	21.00000	Oversupply
11/7/23 8:47	0:01	AWE	0.00057	21.00000	Oversupply
11/7/23 8:49	0:01	AWE	0.00557	21.00000	Oversupply
11/7/23 9:01	0:01	AWE	0.00174	21.00000	Oversupply
11/7/23 9:05	0:44	AWE	3.22119	21.00000	Oversupply
11/7/23 9:55	0:01	AWE	0.00141	21.00000	Oversupply
11/7/23 9:57	0:48	AWE	4.87902	21.00000	Oversupply
11/7/23 10:53	0:02	KWPPI	0.03297	7.71519	Oversupply
11/7/23 12:06	0:03	BS250	Data is not available	Data is not available	Oversupply
11/7/23 12:06	0:04	17-2	0.02038	0.45800	Oversupply
11/7/23 12:07	0:02	SSA3	0.00238	0.28900	Oversupply
11/7/23 12:08	0:02	KWPPI	0.01805	11.42759	Oversupply
11/7/23 12:13	0:02	SSA3	0.00110	0.28900	Oversupply
11/7/23 12:14	0:02	BS250	Data is not available	Data is not available	Oversupply
11/7/23 12:14	0:07	17-2	0.03236	0.37500	Oversupply
11/7/23 12:15	0:02	SSA3	0.00167	0.21000	Oversupply
11/7/23 12:19	0:02	SSA3	0.00167	0.23100	Oversupply
11/7/23 12:50	0:18	BS250	Data is not available	Data is not available	Oversupply
11/7/23 12:50	0:19	17-2	0.10463	0.58100	Oversupply
11/7/23 12:51	0:18	KWPPI	1.80581	14.34162	Oversupply
11/7/23 12:51	0:16	SSA3	0.05404	0.06900	Oversupply
11/7/23 13:00	0:02	AWE	0.00265	21.00000	Oversupply
11/7/23 13:07	0:02	SSA3	0.00523	0.01300	Oversupply
11/7/23 14:38	0:02	SSA3	-0.00029	0.16200	Oversupply
11/7/23 14:41	0:01	BS250	Data is not available	Data is not available	Oversupply
11/7/23 14:41	0:02	17-2	0.01632	0.75000	Oversupply
11/8/23 8:34	0:02	17-2	0.00489	0.39900	Oversupply
11/8/23 8:37	0:01	17-2	0.00372	0.27200	Oversupply
11/8/23 8:41	0:01	17-2	0.00311	0.62400	Oversupply
11/8/23 8:52	0:02	SSA3	0.00602	0.51400	Oversupply
11/8/23 8:53	0:01	KWPPI	0.00384	0.23053	Oversupply
11/8/23 8:53	0:57	17-2	0.27908	0.75000	Oversupply
11/8/23 8:54	0:02	SSA3	0.00597	0.45600	Oversupply
11/8/23 8:56	0:12	KWPPI	0.04092	0.58979	Oversupply
11/8/23 8:56	0:02	SSA3	0.00602	0.02000	Oversupply
11/8/23 8:57	0:53	BS250	Data is not available	Data is not available	Oversupply
11/8/23 8:58	0:52	SSA3	0.46750	0.01400	Oversupply
11/8/23 9:01	0:06	AWE	0.05451	21.00000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/8/23 9:08	4:56	AWE	48.27671	21.00000	Facility Requested
11/8/23 9:11	0:14	KWPPII	0.02906	0.44309	Oversupply
11/8/23 9:30	0:01	KWPPII	0.00076	0.21755	Oversupply
11/8/23 9:36	0:02	KWPPII	0.00155	0.22853	Oversupply
11/8/23 9:51	1:19	17-2	0.65261	0.75000	Oversupply
11/8/23 9:56	0:02	SSA3	0.00570	0.70000	Oversupply
11/8/23 10:00	0:01	KWPPII	0.00023	0.01397	Oversupply
11/8/23 10:00	0:02	SSA3	0.00024	0.71300	Oversupply
11/8/23 10:19	0:02	SSA3	0.01351	0.76900	Oversupply
11/8/23 10:21	0:02	SSA3	0.01351	0.76800	Oversupply
11/8/23 10:23	0:01	BS250	Data is not available	Data is not available	Oversupply
11/8/23 10:23	0:02	SSA3	0.01351	0.31100	Oversupply
11/8/23 10:25	0:02	SSA3	0.01351	0.02600	Oversupply
11/8/23 10:26	0:35	BS250	Data is not available	Data is not available	Oversupply
11/8/23 10:27	0:34	SSA3	0.41008	0.00600	Oversupply
11/8/23 10:32	0:01	KWPPII	0.00023	0.01397	Oversupply
11/8/23 10:36	0:02	KWPPII	0.00318	0.18562	Oversupply
11/8/23 11:01	0:02	SSA3	0.00503	0.13500	Oversupply
11/8/23 11:03	0:02	SSA3	0.00503	0.34600	Oversupply
11/8/23 11:29	0:01	17-2	0.00229	0.54900	Oversupply
11/8/23 11:33	0:30	17-2	0.31966	0.75000	Oversupply
11/8/23 11:47	0:02	SSA3	0.00369	0.87100	Oversupply
11/8/23 11:49	0:02	SSA3	0.00369	0.42000	Oversupply
11/8/23 11:51	0:02	SSA3	0.00369	0.43200	Oversupply
11/8/23 11:55	0:02	SSA3	0.00369	0.85200	Oversupply
11/8/23 12:06	0:01	KWPPII	0.00098	0.05888	Oversupply
11/8/23 12:06	0:01	17-2	0.00797	0.75000	Oversupply
11/8/23 12:08	0:02	SSA3	-0.00027	0.87200	Oversupply
11/8/23 12:08	0:31	17-2	0.18899	0.75000	Oversupply
11/8/23 12:12	0:02	SSA3	-0.00027	0.87400	Oversupply
11/8/23 12:20	0:02	SSA3	0.01863	0.62300	Oversupply
11/8/23 12:22	0:07	BS250	Data is not available	Data is not available	Oversupply
11/8/23 12:22	0:14	SSA3	0.11311	0.05700	Oversupply
11/8/23 12:23	0:07	KWPPII	0.06821	1.27439	Oversupply
11/8/23 12:31	0:04	BS250	Data is not available	Data is not available	Oversupply
11/8/23 12:32	0:03	KWPPII	0.03558	1.42807	Oversupply
11/8/23 12:36	0:02	SSA3	0.01306	0.36100	Oversupply
11/8/23 12:41	0:01	17-2	0.00430	0.26100	Oversupply
11/8/23 12:43	0:10	17-2	0.10030	0.75000	Oversupply
11/8/23 12:48	0:02	SSA3	0.00730	0.64600	Oversupply
11/8/23 12:50	0:02	BS250	Data is not available	Data is not available	Oversupply
11/8/23 12:50	0:03	KWPPII	0.03157	2.29131	Oversupply
11/8/23 12:50	0:02	SSA3	0.00730	0.01200	Oversupply
11/8/23 12:54	1:51	17-2	0.76642	0.75000	Oversupply
11/8/23 12:58	0:02	SSA3	0.01263	0.84900	Oversupply
11/8/23 13:00	0:22	BS250	Data is not available	Data is not available	Oversupply
11/8/23 13:00	0:22	SSA3	0.30366	0.51100	Oversupply
11/8/23 13:02	0:20	KWPPII	0.38070	1.81129	Oversupply
11/8/23 13:22	0:02	SSA3	0.02632	0.20200	Oversupply
11/8/23 13:24	1:00	BS250	Data is not available	Data is not available	Oversupply
11/8/23 13:24	1:01	SSA3	0.73751	0.02400	Oversupply
11/8/23 13:25	0:49	KWPPII	0.93252	2.05180	Oversupply
11/8/23 14:05	0:02	AWE	0.02876	21.00000	Oversupply
11/8/23 14:09	0:02	AWE	0.01837	21.00000	Oversupply
11/8/23 14:15	0:04	KWPPII	0.05993	1.88514	Oversupply
11/8/23 14:16	0:02	AWE	0.00565	21.00000	Oversupply
11/8/23 14:21	0:01	KWPPII	0.01310	1.57278	Oversupply
11/8/23 14:23	0:02	KWPPII	0.02511	1.77736	Oversupply
11/8/23 14:25	0:02	SSA3	0.01697	0.27800	Oversupply
11/8/23 14:29	0:08	SSA3	0.06884	0.66800	Oversupply
11/8/23 14:30	0:07	BS250	Data is not available	Data is not available	Oversupply
11/8/23 14:30	0:05	KWPPII	0.06588	2.26935	Oversupply
11/8/23 14:36	0:01	KWPPII	0.02018	1.86917	Oversupply
11/8/23 14:37	0:02	SSA3	0.01671	0.03900	Oversupply
11/8/23 14:38	0:01	BS250	Data is not available	Data is not available	Oversupply
11/8/23 14:39	0:02	SSA3	0.01685	0.43300	Oversupply
11/8/23 14:41	0:01	KWPPII	0.00560	2.80226	Oversupply
11/8/23 14:42	0:01	BS250	Data is not available	Data is not available	Oversupply
11/8/23 14:43	0:02	SSA3	0.01556	0.32500	Oversupply
11/8/23 14:49	0:17	17-2	0.19527	0.75000	Oversupply
11/8/23 14:51	0:04	SSA3	0.01740	0.66600	Oversupply
11/8/23 14:53	0:01	BS250	Data is not available	Data is not available	Oversupply
11/8/23 14:55	0:02	SSA3	0.00870	0.27500	Oversupply
11/8/23 14:57	0:02	SSA3	0.00870	0.30300	Oversupply
11/8/23 14:58	0:03	BS250	Data is not available	Data is not available	Oversupply
11/8/23 14:59	0:03	KWPPII	0.01187	3.00285	Oversupply
11/8/23 14:59	0:02	SSA3	0.00348	0.00000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/8/23 15:03	0:02	SSA3	-0.00081	0.59200	Oversupply
11/8/23 15:08	0:02	17-2	0.01495	0.66600	Oversupply
11/8/23 15:11	0:01	17-2	0.00217	0.64400	Oversupply
11/8/23 15:36	0:04	17-2	0.02762	0.55500	Oversupply
11/8/23 15:37	0:02	SSA3	-0.00168	0.59300	Oversupply
11/9/23 9:00	0:01	17-2	0.00170	0.10200	Oversupply
11/9/23 9:04	0:05	17-2	0.00838	0.10800	Oversupply
11/9/23 9:18	4:13	17-2	2.46477	0.75000	Oversupply
11/9/23 9:19	3:59	BS250	Data is not available	Data is not available	Oversupply
11/9/23 9:19	2:03	AWE	7.46175	21.00000	Oversupply
11/9/23 9:19	3:58	SSA3	3.05670	0.01700	Oversupply
11/9/23 10:08	0:01	KWPPII	0.00331	0.19859	Oversupply
11/9/23 10:11	0:20	KWPPII	0.10094	0.97201	Oversupply
11/9/23 10:33	0:06	KWPPII	0.03045	0.63370	Oversupply
11/9/23 10:43	0:22	KWPPII	0.41963	2.33322	Oversupply
11/9/23 11:18	0:08	KWPPII	0.03900	0.42413	Oversupply
11/9/23 11:23	0:03	AWE	0.03432	21.00000	Oversupply
11/9/23 11:27	0:11	KWPPII	0.06245	0.87521	Oversupply
11/9/23 11:27	1:52	AWE	13.62377	21.00000	Oversupply
11/9/23 11:39	0:35	KWPPII	1.23018	3.85909	Oversupply
11/9/23 12:16	0:22	KWPPII	0.37720	2.57472	Oversupply
11/9/23 12:45	0:04	KWPPII	0.00401	0.30537	Oversupply
11/9/23 13:13	0:01	KWPPII	0.00008	0.19061	Oversupply
11/9/23 13:16	0:01	KWPPII	0.00141	0.27045	Oversupply
11/9/23 13:18	0:02	SSA3	0.00977	0.02000	Oversupply
11/9/23 13:20	0:02	SSA3	0.01001	0.34900	Oversupply
11/9/23 13:32	0:39	17-2	0.45996	0.75000	Oversupply
11/9/23 13:34	0:02	SSA3	0.01694	0.79700	Oversupply
11/9/23 13:35	0:27	BS250	Data is not available	Data is not available	Oversupply
11/9/23 13:36	0:08	KWPPII	0.02907	0.53391	Oversupply
11/9/23 13:36	0:26	SSA3	0.25764	0.07200	Oversupply
11/9/23 13:37	0:24	AWE	0.92250	21.00000	Oversupply
11/9/23 13:45	0:01	KWPPII	0.00158	0.09481	Oversupply
11/9/23 13:49	0:02	KWPPII	0.00349	0.17065	Oversupply
11/9/23 13:52	0:10	KWPPII	0.15357	1.42009	Oversupply
11/9/23 14:06	0:01	BS250	Data is not available	Data is not available	Oversupply
11/9/23 14:06	0:02	SSA3	0.00417	0.72600	Oversupply
11/9/23 14:12	0:02	17-2	0.01539	0.75000	Oversupply
11/9/23 14:33	1:00	17-2	0.67278	0.75000	Oversupply
11/9/23 14:34	0:09	KWPPII	0.09612	6.62642	Oversupply
11/9/23 14:35	0:07	BS250	Data is not available	Data is not available	Oversupply
11/9/23 14:35	0:53	SSA3	0.45300	0.17900	Oversupply
11/9/23 14:43	0:43	BS250	Data is not available	Data is not available	Oversupply
11/9/23 14:44	0:43	KWPPII	4.05807	10.74997	Oversupply
11/9/23 14:49	0:25	AWE	1.18758	21.00000	Oversupply
11/9/23 15:27	0:02	SSA3	0.01351	0.40200	Oversupply
11/9/23 15:29	0:02	SSA3	0.00442	0.50500	Oversupply
11/9/23 15:30	0:01	BS250	Data is not available	Data is not available	Oversupply
11/9/23 15:31	0:01	KWPPII	0.00153	7.01662	Oversupply
11/9/23 15:31	0:02	SSA3	0.00090	0.38900	Oversupply
11/9/23 18:49	0:01	KWPPII	0.00367	12.24791	Oversupply
11/9/23 18:54	0:01	KWPPII	0.00649	14.46636	Oversupply
11/9/23 18:58	0:07	KWPPII	0.14117	15.45733	Oversupply
11/9/23 19:06	0:59	KWPPII	4.67282	17.58497	Oversupply
11/9/23 20:07	0:02	KWPPII	0.00365	13.07521	Oversupply
11/9/23 20:10	0:02	KWPPII	0.01235	12.20499	Oversupply
11/9/23 20:24	0:05	KWPPII	0.28521	14.69689	Oversupply
11/9/23 20:35	0:58	KWPPII	4.90919	15.29267	Oversupply
11/9/23 21:34	3:29	KWPPII	35.58144	20.74350	Oversupply
11/9/23 23:35	0:01	AWE	0.00091	21.00000	Oversupply
11/9/23 23:43	0:19	AWE	0.74824	21.00000	Oversupply
11/10/23 0:15	0:17	AWE	0.80495	21.00000	Oversupply
11/10/23 1:06	0:02	KWPPII	0.01166	7.85890	Oversupply
11/10/23 1:34	0:08	KWPPII	0.17823	8.87282	Oversupply
11/10/23 4:43	0:01	AWE	0.00857	21.00000	Oversupply
11/10/23 8:42	0:11	17-2	0.01873	0.23200	Oversupply
11/10/23 8:45	0:02	SSA3	0.00119	0.49600	Oversupply
11/10/23 8:49	0:02	SSA3	0.00119	0.25400	Oversupply
11/10/23 10:09	1:36	17-2	0.51063	0.75000	Oversupply
11/10/23 10:10	0:02	SSA3	0.00808	0.76900	Oversupply
11/10/23 10:11	0:15	BS250	Data is not available	Data is not available	Oversupply
11/10/23 10:11	0:16	AWE	0.71795	21.00000	Oversupply
11/10/23 10:12	0:14	SSA3	0.13620	0.03800	Oversupply
11/10/23 10:26	0:02	SSA3	0.02213	0.20000	Oversupply
11/10/23 10:28	0:02	SSA3	0.02052	0.20700	Oversupply
11/10/23 10:36	1:05	SSA3	0.81661	0.40400	Oversupply
11/10/23 10:37	1:03	BS250	Data is not available	Data is not available	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/10/23 10:37	0:49	AWE	5.20347	21.00000	Oversupply
11/10/23 10:41	0:03	KWPPI	0.00479	0.13872	Oversupply
11/10/23 10:45	0:48	KWPPI	0.92020	1.87516	Oversupply
11/10/23 11:29	0:10	AWE	0.24105	21.00000	Oversupply
11/10/23 11:34	0:07	KWPPI	0.06309	1.17958	Oversupply
11/10/23 11:41	0:02	SSA3	0.02144	0.56000	Oversupply
11/10/23 12:04	0:01	KWPPI	0.00003	0.00200	Oversupply
11/10/23 12:22	1:15	17-2	0.75354	0.75000	Oversupply
11/10/23 12:23	0:02	SSA3	0.00093	0.89000	Oversupply
11/10/23 12:31	0:02	SSA3	0.00256	0.86400	Oversupply
11/10/23 12:33	0:02	SSA3	0.00254	0.83100	Oversupply
11/10/23 12:37	0:02	SSA3	0.00254	0.86300	Oversupply
11/10/23 12:43	0:01	BS250	Data is not available	Data is not available	Oversupply
11/10/23 12:43	0:02	SSA3	0.00902	0.44900	Oversupply
11/10/23 12:47	0:08	SSA3	0.07082	0.84900	Oversupply
11/10/23 12:48	0:08	BS250	Data is not available	Data is not available	Oversupply
11/10/23 12:49	0:07	AWE	0.07991	21.00000	Oversupply
11/10/23 12:55	0:02	SSA3	0.01767	0.01100	Oversupply
11/10/23 12:58	0:02	SSA3	0.01752	0.49400	Oversupply
11/10/23 13:04	0:02	SSA3	0.02302	0.86900	Oversupply
11/10/23 13:05	0:31	BS250	Data is not available	Data is not available	Oversupply
11/10/23 13:06	0:30	AWE	2.82276	21.00000	Oversupply
11/10/23 13:06	0:30	SSA3	0.31201	0.01300	Oversupply
11/10/23 13:14	0:13	KWPPI	0.19136	2.06776	Oversupply
11/10/23 13:41	0:43	17-2	0.49444	0.75000	Oversupply
11/10/23 13:43	0:39	BS250	Data is not available	Data is not available	Oversupply
11/10/23 13:44	0:01	AWE	0.00091	21.00000	Oversupply
11/10/23 13:44	0:43	SSA3	0.48304	0.19300	Oversupply
11/10/23 13:45	0:12	KWPPI	0.14454	1.11072	Oversupply
11/10/23 13:46	0:36	AWE	1.47625	21.00000	Oversupply
11/10/23 14:01	0:06	KWPPI	0.04278	0.81633	Oversupply
11/10/23 14:11	0:04	KWPPI	0.05577	1.22848	Oversupply
11/10/23 14:23	0:04	BS250	Data is not available	Data is not available	Oversupply
11/10/23 14:23	0:01	AWE	0.00519	21.00000	Oversupply
11/10/23 14:25	0:01	AWE	0.00224	20.20000	Oversupply
11/10/23 14:25	0:51	17-2	0.49804	0.75000	Oversupply
11/10/23 14:27	0:04	AWE	0.02382	20.90000	Oversupply
11/10/23 14:27	0:02	SSA3	0.01227	0.00300	Oversupply
11/10/23 14:28	0:33	BS250	Data is not available	Data is not available	Oversupply
11/10/23 14:28	0:05	KWPPI	0.04118	1.18757	Oversupply
11/10/23 14:29	0:04	SSA3	0.03543	0.01400	Oversupply
11/10/23 14:33	0:02	SSA3	0.02201	0.12700	Oversupply
11/10/23 14:34	0:01	AWE	0.00747	20.00000	Oversupply
11/10/23 14:34	0:27	KWPPI	1.43594	6.69029	Oversupply
11/10/23 14:35	0:26	SSA3	0.27352	0.01100	Oversupply
11/10/23 14:39	0:01	AWE	0.00357	21.00000	Oversupply
11/10/23 14:50	0:02	AWE	0.00974	21.00000	Oversupply
11/10/23 15:01	0:02	SSA3	0.01353	0.13500	Oversupply
11/10/23 15:02	0:12	BS250	Data is not available	Data is not available	Oversupply
11/10/23 15:02	0:12	KWPPI	0.52415	9.30094	Oversupply
11/10/23 15:03	0:10	SSA3	0.06775	0.01500	Oversupply
11/10/23 15:13	0:02	SSA3	0.01064	0.02800	Oversupply
11/10/23 15:21	0:01	BS250	Data is not available	Data is not available	Oversupply
11/10/23 15:21	0:03	17-2	0.01450	0.51400	Oversupply
11/10/23 15:21	0:02	SSA3	-0.00074	0.39300	Oversupply
11/10/23 15:42	0:03	17-2	0.01200	0.31600	Oversupply
11/10/23 16:44	3:02	KWPPI	22.55249	20.96105	Oversupply
11/10/23 16:46	0:01	17-2	0.00046	0.11300	Oversupply
11/10/23 16:48	0:04	17-2	0.00838	0.16800	Oversupply
11/10/23 16:49	0:02	BS250	Data is not available	Data is not available	Oversupply
11/10/23 17:02	0:36	BS250	Data is not available	Data is not available	Oversupply
11/10/23 17:02	0:30	17-2	0.01529	0.09600	Oversupply
11/10/23 17:40	0:05	BS250	Data is not available	Data is not available	Oversupply
11/10/23 17:46	0:20	BS250	Data is not available	Data is not available	Oversupply
11/10/23 18:12	0:01	BS250	Data is not available	Data is not available	Oversupply
11/10/23 19:48	0:01	KWPPI	0.00260	13.15604	Oversupply
11/10/23 19:51	0:07	KWPPI	0.29616	16.74070	Oversupply
11/10/23 21:18	9:48	KWPPI	162.60366	21.09478	Oversupply
11/10/23 21:25	1:17	AWE	7.51279	21.00000	Oversupply
11/10/23 23:06	0:03	AWE	0.01439	21.00000	Oversupply
11/10/23 23:14	0:01	AWE	0.00291	21.00000	Oversupply
11/10/23 23:18	0:03	AWE	0.04771	21.00000	Oversupply
11/10/23 23:24	0:01	AWE	0.00324	20.00000	Oversupply
11/10/23 23:26	1:31	AWE	10.84723	21.00000	Oversupply
11/11/23 0:59	0:02	AWE	0.01246	20.40000	Oversupply
11/11/23 1:02	0:02	AWE	0.00416	20.60000	Oversupply
11/11/23 1:19	0:01	AWE	0.00291	19.50000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/11/23 1:23	0:01	AWE	0.00256	20.10000	Oversupply
11/11/23 1:25	0:04	AWE	0.01688	20.10000	Oversupply
11/11/23 1:33	0:01	AWE	0.00099	19.00000	Oversupply
11/11/23 1:35	0:01	AWE	0.01357	19.70000	Oversupply
11/11/23 1:42	0:01	AWE	0.00052	18.70000	Oversupply
11/11/23 1:47	0:04	AWE	0.07967	19.90000	Oversupply
11/11/23 1:55	0:02	AWE	0.01106	19.00000	Oversupply
11/11/23 1:58	0:01	AWE	0.00890	18.30000	Oversupply
11/11/23 2:17	0:46	AWE	2.61236	21.00000	Oversupply
11/11/23 3:07	0:01	AWE	0.00421	17.00000	Oversupply
11/11/23 3:10	0:01	AWE	0.00445	17.30000	Oversupply
11/11/23 3:12	0:02	AWE	0.00776	18.10000	Oversupply
11/11/23 3:34	0:01	AWE	0.00391	16.90000	Oversupply
11/11/23 3:36	0:55	AWE	2.20405	21.00000	Oversupply
11/11/23 4:33	0:11	AWE	0.22850	19.40000	Oversupply
11/11/23 4:45	0:01	AWE	0.00043	18.20000	Oversupply
11/11/23 4:48	0:03	AWE	0.02205	18.60000	Oversupply
11/11/23 4:52	0:16	AWE	0.24529	20.50000	Oversupply
11/11/23 5:29	0:07	AWE	0.11204	21.00000	Oversupply
11/11/23 5:39	0:01	AWE	0.00074	21.00000	Oversupply
11/11/23 5:44	0:01	AWE	0.00141	21.00000	Oversupply
11/11/23 5:46	0:03	AWE	0.02360	21.00000	Oversupply
11/11/23 5:51	0:06	AWE	0.05973	21.00000	Oversupply
11/11/23 5:58	0:03	AWE	0.04055	20.80000	Oversupply
11/11/23 6:05	0:01	AWE	0.00857	20.30000	Oversupply
11/11/23 6:09	0:28	AWE	0.94282	21.00000	Oversupply
11/11/23 6:17	0:45	BS250	Data is not available	Data is not available	Oversupply
11/11/23 7:16	0:04	SSA3	0.00627	0.02900	Oversupply
11/11/23 7:17	0:03	BS250	Data is not available	Data is not available	Oversupply
11/11/23 7:18	0:02	17-2	0.00077	0.03200	Oversupply
11/11/23 7:20	0:02	SSA3	0.00314	0.08200	Oversupply
11/11/23 7:22	0:01	17-2	0.00057	0.04300	Oversupply
11/11/23 7:22	0:03	KWP11	0.03717	14.02327	Oversupply
11/11/23 7:22	0:02	SSA3	0.00314	0.09300	Oversupply
11/11/23 7:25	8:43	SSA3	5.54043	0.10400	Oversupply
11/11/23 7:27	0:03	BS250	Data is not available	Data is not available	Oversupply
11/11/23 7:27	8:49	17-2	4.65745	0.75000	Oversupply
11/11/23 7:31	8:32	BS250	Data is not available	Data is not available	Oversupply
11/11/23 7:33	0:02	KWP11	0.00784	12.16408	Oversupply
11/11/23 7:36	0:01	KWP11	0.00643	11.53337	Oversupply
11/11/23 7:40	19:37	KWP11	254.72026	21.10775	Oversupply
11/11/23 8:10	0:59	AWE	4.37126	21.00000	Oversupply
11/11/23 9:15	6:07	AWE	93.78458	21.00000	Oversupply
11/11/23 10:30	0:06	5A	Data is not available	Data is not available	Oversupply
11/11/23 10:37	0:05	5A	Data is not available	Data is not available	Oversupply
11/11/23 10:42	0:06	MS	Data is not available	Data is not available	Oversupply
11/11/23 10:43	0:14	5A	Data is not available	Data is not available	Oversupply
11/11/23 10:49	0:05	MS	Data is not available	Data is not available	Oversupply
11/11/23 10:55	0:14	MS	Data is not available	Data is not available	Oversupply
11/11/23 10:58	0:12	5A	Data is not available	Data is not available	Oversupply
11/11/23 11:10	0:12	MS	Data is not available	Data is not available	Oversupply
11/11/23 11:11	0:07	5A	Data is not available	Data is not available	Oversupply
11/11/23 11:19	0:05	5A	Data is not available	Data is not available	Oversupply
11/11/23 11:23	0:07	MS	Data is not available	Data is not available	Oversupply
11/11/23 11:25	0:04	5A	Data is not available	Data is not available	Oversupply
11/11/23 11:30	0:02	5A	Data is not available	Data is not available	Oversupply
11/11/23 11:31	0:05	MS	Data is not available	Data is not available	Oversupply
11/11/23 11:33	0:01	KWP	0.00267	12.08000	Oversupply
11/11/23 11:34	0:03	5A	Data is not available	Data is not available	Oversupply
11/11/23 11:35	0:01	KWP	0.00267	11.12000	Oversupply
11/11/23 11:37	0:04	MS	Data is not available	Data is not available	Oversupply
11/11/23 11:38	0:15	5A	Data is not available	Data is not available	Oversupply
11/11/23 11:42	0:02	MS	Data is not available	Data is not available	Oversupply
11/11/23 11:43	0:01	KWP	0.00267	10.96000	Oversupply
11/11/23 11:45	0:01	KWP	0.00533	9.84000	Oversupply
11/11/23 11:46	0:03	MS	Data is not available	Data is not available	Oversupply
11/11/23 11:50	0:15	MS	Data is not available	Data is not available	Oversupply
11/11/23 11:52	0:01	KWP	0.00098	10.64000	Oversupply
11/11/23 11:54	0:03	5A	Data is not available	Data is not available	Oversupply
11/11/23 11:59	0:11	5A	Data is not available	Data is not available	Oversupply
11/11/23 12:02	0:01	KWP	0.00267	10.16000	Oversupply
11/11/23 12:06	0:03	MS	Data is not available	Data is not available	Oversupply
11/11/23 12:08	0:02	KWP	0.00592	10.64000	Oversupply
11/11/23 12:11	0:11	MS	Data is not available	Data is not available	Oversupply
11/11/23 12:11	0:03	5A	Data is not available	Data is not available	Oversupply
11/11/23 12:15	0:05	5A	Data is not available	Data is not available	Oversupply
11/11/23 12:20	0:01	KWP	0.00267	12.40000	Oversupply





Maui Curtailment Report

November 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/11/23 12:21	0:05	5A	Data is not available	Data is not available	Oversupply
11/11/23 12:22	0:01	KWP	0.00256	11.60000	Oversupply
11/11/23 12:23	0:03	MS	Data is not available	Data is not available	Oversupply
11/11/23 12:27	0:05	MS	Data is not available	Data is not available	Oversupply
11/11/23 12:27	0:09	5A	Data is not available	Data is not available	Oversupply
11/11/23 12:29	0:01	KWP	0.00533	11.60000	Oversupply
11/11/23 12:33	0:05	MS	Data is not available	Data is not available	Oversupply
11/11/23 12:37	0:06	5A	Data is not available	Data is not available	Oversupply
11/11/23 12:39	0:09	MS	Data is not available	Data is not available	Oversupply
11/11/23 12:42	0:01	KWP	0.00313	12.88000	Oversupply
11/11/23 12:45	0:01	5A	Data is not available	Data is not available	Oversupply
11/11/23 12:49	0:06	MS	Data is not available	Data is not available	Oversupply
11/11/23 12:53	0:01	KWP	0.00267	14.48000	Oversupply
11/11/23 12:57	0:01	MS	Data is not available	Data is not available	Oversupply
11/11/23 13:01	0:03	5A	Data is not available	Data is not available	Oversupply
11/11/23 13:05	0:02	5A	Data is not available	Data is not available	Oversupply
11/11/23 13:08	0:03	5A	Data is not available	Data is not available	Oversupply
11/11/23 13:13	0:03	MS	Data is not available	Data is not available	Oversupply
11/11/23 13:14	0:02	5A	Data is not available	Data is not available	Oversupply
11/11/23 13:15	0:01	KWP	0.00671	18.32000	Oversupply
11/11/23 13:17	0:02	MS	Data is not available	Data is not available	Oversupply
11/11/23 13:17	0:05	5A	Data is not available	Data is not available	Oversupply
11/11/23 13:20	0:03	MS	Data is not available	Data is not available	Oversupply
11/11/23 13:23	0:03	5A	Data is not available	Data is not available	Oversupply
11/11/23 13:24	0:01	KWP	0.00533	17.68000	Oversupply
11/11/23 13:26	0:02	MS	Data is not available	Data is not available	Oversupply
11/11/23 13:27	0:04	5A	Data is not available	Data is not available	Oversupply
11/11/23 13:29	0:05	MS	Data is not available	Data is not available	Oversupply
11/11/23 13:30	0:01	KWP	0.00533	18.80000	Oversupply
11/11/23 13:32	0:11	5A	Data is not available	Data is not available	Oversupply
11/11/23 13:35	0:03	MS	Data is not available	Data is not available	Oversupply
11/11/23 13:37	0:01	KWP	0.00267	18.96000	Oversupply
11/11/23 13:39	0:04	MS	Data is not available	Data is not available	Oversupply
11/11/23 13:44	0:11	MS	Data is not available	Data is not available	Oversupply
11/11/23 13:44	0:07	5A	Data is not available	Data is not available	Oversupply
11/11/23 13:52	0:02	5A	Data is not available	Data is not available	Oversupply
11/11/23 13:56	0:07	MS	Data is not available	Data is not available	Oversupply
11/11/23 13:56	0:06	5A	Data is not available	Data is not available	Oversupply
11/11/23 14:03	0:05	5A	Data is not available	Data is not available	Oversupply
11/11/23 14:04	0:02	MS	Data is not available	Data is not available	Oversupply
11/11/23 14:08	0:06	MS	Data is not available	Data is not available	Oversupply
11/11/23 14:08	0:01	KWP	0.00533	24.56000	Oversupply
11/11/23 14:15	0:05	MS	Data is not available	Data is not available	Oversupply
11/11/23 16:05	0:08	BS250	Data is not available	Data is not available	Oversupply
11/11/23 16:08	0:02	SSA3	0.00500	0.01200	Oversupply
11/11/23 16:10	0:04	SSA3	0.01005	0.00900	Oversupply
11/11/23 16:14	0:02	SSA3	0.00399	0.20800	Oversupply
11/11/23 16:19	0:01	17-2	0.00410	0.42400	Oversupply
11/11/23 17:02	0:06	BS250	Data is not available	Data is not available	Oversupply
11/11/23 17:02	0:07	17-2	0.02012	0.19700	Oversupply
11/12/23 0:27	0:17	AWE	0.59202	21.00000	Oversupply
11/12/23 1:47	0:02	AWE	0.01061	21.00000	Oversupply
11/12/23 1:57	0:01	AWE	0.00074	21.00000	Oversupply
11/12/23 2:26	0:01	AWE	0.00041	21.00000	Oversupply
11/12/23 2:28	0:01	AWE	0.00041	21.00000	Oversupply
11/12/23 2:56	0:02	AWE	0.01781	21.00000	Oversupply
11/12/23 3:00	0:02	AWE	0.01415	21.00000	Oversupply
11/12/23 3:06	0:01	AWE	0.00091	21.00000	Oversupply
11/12/23 3:24	0:03	KWP	0.04855	9.18219	Oversupply
11/12/23 3:34	0:28	KWP	1.23603	11.16013	Oversupply
11/12/23 4:07	0:02	KWP	0.01494	8.42873	Oversupply
11/12/23 4:10	17:35	KWP	1920.58373	21.10775	Oversupply
11/12/23 5:32	0:13	AWE	0.16916	21.00000	Oversupply
11/12/23 5:47	0:01	AWE	0.00090	21.00000	Oversupply
11/12/23 5:50	0:06	AWE	0.10241	21.00000	Oversupply
11/12/23 6:17	8:48	BS250	Data is not available	Data is not available	Oversupply
11/12/23 7:11	7:57	17-2	4.36931	0.75000	Oversupply
11/12/23 7:15	7:50	SSA3	5.04443	0.01800	Oversupply
11/12/23 8:29	5:53	AWE	67.04195	21.00000	Oversupply
11/12/23 11:37	0:09	5A	Data is not available	Data is not available	Oversupply
11/12/23 11:49	0:09	MS	Data is not available	Data is not available	Oversupply
11/12/23 11:56	0:01	KWP	0.00533	24.24000	Oversupply
11/12/23 12:04	0:01	5A	Data is not available	Data is not available	Oversupply
11/12/23 12:16	0:01	MS	Data is not available	Data is not available	Oversupply
11/12/23 14:23	0:01	AWE	0.00673	21.00000	Oversupply
11/12/23 15:05	0:02	SSA3	0.00666	0.06800	Oversupply
11/12/23 15:27	0:01	17-2	0.00035	0.61300	Oversupply



**Maui Curtailment Report**

**November 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/13/23 0:46	0:01	AWE	0.00007	21.00000	Oversupply
11/13/23 0:52	0:03	AWE	0.02469	21.00000	Oversupply
11/13/23 0:56	0:02	AWE	0.01756	21.00000	Oversupply
11/13/23 1:01	0:08	AWE	0.09938	21.00000	Oversupply
11/13/23 1:25	0:01	AWE	0.00091	21.00000	Oversupply
11/13/23 2:09	0:02	AWE	0.00015	21.00000	Oversupply
11/13/23 2:13	0:01	AWE	0.00074	21.00000	Oversupply
11/13/23 2:18	0:01	AWE	0.00174	21.00000	Oversupply
11/13/23 2:20	0:12	AWE	0.17336	21.00000	Oversupply
11/13/23 2:33	1:34	AWE	1.80615	21.00000	Oversupply
11/13/23 4:16	0:55	AWE	2.98350	21.00000	Oversupply
11/13/23 6:17	9:27	BS250	Data is not available	Data is not available	Oversupply
11/13/23 6:56	8:50	17-2	4.47536	0.75000	Oversupply
11/13/23 7:30	8:14	SSA3	5.29370	0.00100	Oversupply
11/13/23 9:06	5:51	AWE	101.09421	21.00000	Oversupply
11/13/23 10:21	0:05	5A	Data is not available	Data is not available	Oversupply
11/13/23 10:27	0:08	5A	Data is not available	Data is not available	Oversupply
11/13/23 10:33	0:05	MS	Data is not available	Data is not available	Oversupply
11/13/23 10:36	0:09	5A	Data is not available	Data is not available	Oversupply
11/13/23 10:39	0:08	MS	Data is not available	Data is not available	Oversupply
11/13/23 10:46	0:03	5A	Data is not available	Data is not available	Oversupply
11/13/23 10:48	0:09	MS	Data is not available	Data is not available	Oversupply
11/13/23 10:50	0:06	5A	Data is not available	Data is not available	Oversupply
11/13/23 10:57	0:41	5A	Data is not available	Data is not available	Oversupply
11/13/23 10:58	0:03	MS	Data is not available	Data is not available	Oversupply
11/13/23 11:02	0:06	MS	Data is not available	Data is not available	Oversupply
11/13/23 11:09	0:41	MS	Data is not available	Data is not available	Oversupply
11/13/23 11:27	0:01	KWP	0.00267	16.72000	Oversupply
11/13/23 11:31	0:01	KWP	0.00267	15.92000	Oversupply
11/13/23 11:34	0:01	KWP	0.00079	14.48000	Oversupply
11/13/23 11:39	0:01	KWP	0.00516	15.60000	Oversupply
11/13/23 11:39	0:03	5A	Data is not available	Data is not available	Oversupply
11/13/23 11:43	0:01	KWP	0.00267	15.28000	Oversupply
11/13/23 11:43	0:04	5A	Data is not available	Data is not available	Oversupply
11/13/23 11:47	0:01	KWP	0.00107	15.44000	Oversupply
11/13/23 11:48	0:05	5A	Data is not available	Data is not available	Oversupply
11/13/23 11:51	0:03	MS	Data is not available	Data is not available	Oversupply
11/13/23 11:52	0:01	KWP	0.00087	15.92000	Oversupply
11/13/23 11:54	0:06	5A	Data is not available	Data is not available	Oversupply
11/13/23 11:55	0:04	MS	Data is not available	Data is not available	Oversupply
11/13/23 12:00	0:05	MS	Data is not available	Data is not available	Oversupply
11/13/23 12:01	0:05	5A	Data is not available	Data is not available	Oversupply
11/13/23 12:06	0:06	MS	Data is not available	Data is not available	Oversupply
11/13/23 12:07	0:15	5A	Data is not available	Data is not available	Oversupply
11/13/23 12:13	0:05	MS	Data is not available	Data is not available	Oversupply
11/13/23 12:19	0:15	MS	Data is not available	Data is not available	Oversupply
11/13/23 12:23	0:01	KWP	0.00533	17.36000	Oversupply
11/13/23 12:23	0:02	5A	Data is not available	Data is not available	Oversupply
11/13/23 12:26	0:05	5A	Data is not available	Data is not available	Oversupply
11/13/23 12:32	0:25	5A	Data is not available	Data is not available	Oversupply
11/13/23 12:35	0:02	MS	Data is not available	Data is not available	Oversupply
11/13/23 12:38	0:05	MS	Data is not available	Data is not available	Oversupply
11/13/23 12:44	0:26	MS	Data is not available	Data is not available	Oversupply
11/13/23 12:47	0:01	KWP	0.00267	18.00000	Oversupply
11/13/23 13:01	0:01	KWP	0.00284	20.08000	Oversupply
11/13/23 13:47	0:02	5A	Data is not available	Data is not available	Oversupply
11/13/23 13:52	0:01	5A	Data is not available	Data is not available	Oversupply
11/13/23 14:00	0:02	MS	Data is not available	Data is not available	Oversupply
11/13/23 14:05	0:01	MS	Data is not available	Data is not available	Oversupply
11/13/23 15:13	0:01	AWE	0.00107	21.00000	Oversupply
11/13/23 15:47	0:01	17-2	0.00960	0.58200	Oversupply
11/14/23 7:09	0:14	17-2	0.00370	0.03900	Oversupply
11/14/23 7:10	0:13	BS250	Data is not available	Data is not available	Oversupply
11/14/23 7:15	0:12	SSA3	0.01775	-0.00100	Oversupply
11/14/23 7:24	0:01	BS250	Data is not available	Data is not available	Oversupply
11/14/23 7:24	0:05	17-2	0.00075	0.01700	Oversupply
11/14/23 7:27	0:01	BS250	Data is not available	Data is not available	Oversupply
11/14/23 7:27	0:02	SSA3	0.00296	0.01700	Oversupply
11/14/23 7:42	0:04	BS250	Data is not available	Data is not available	Oversupply
11/14/23 7:42	0:05	17-2	0.00298	0.04200	Oversupply
11/14/23 7:43	0:04	SSA3	0.01063	0.01300	Oversupply
11/14/23 7:47	0:02	SSA3	0.00720	0.06800	Oversupply
11/14/23 7:48	7:27	BS250	Data is not available	Data is not available	Oversupply
11/14/23 7:48	7:28	17-2	2.65018	0.75000	Oversupply
11/14/23 7:49	7:27	SSA3	4.41431	0.00900	Oversupply
11/14/23 8:17	0:02	KWP	0.00533	24.08000	System Constraint
11/14/23 8:20	0:01	KWP	0.00267	22.16000	System Constraint



Maui Curtailment Report

November 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/14/23 9:10	0:03	5A	Data is not available	Data is not available	Oversupply
11/14/23 9:23	0:03	MS	Data is not available	Data is not available	Oversupply
11/14/23 9:23	0:14	5A	Data is not available	Data is not available	Oversupply
11/14/23 9:24	0:01	AWE	0.00167	0.10000	Oversupply
11/14/23 9:36	0:14	MS	Data is not available	Data is not available	Oversupply
11/14/23 9:38	0:03	5A	Data is not available	Data is not available	Oversupply
11/14/23 9:38	0:05	AWE	0.01333	0.30000	Oversupply
11/14/23 9:42	0:10	5A	Data is not available	Data is not available	Oversupply
11/14/23 9:48	0:07	AWE	0.01920	0.30000	Oversupply
11/14/23 9:51	0:03	MS	Data is not available	Data is not available	Oversupply
11/14/23 9:53	0:01	KWP	0.00267	24.56000	System Constraint
11/14/23 9:53	0:08	5A	Data is not available	Data is not available	Oversupply
11/14/23 9:55	0:10	MS	Data is not available	Data is not available	Oversupply
11/14/23 9:56	1:30	AWE	2.27248	4.40000	Oversupply
11/14/23 10:03	0:06	5A	Data is not available	Data is not available	Oversupply
11/14/23 10:06	0:08	MS	Data is not available	Data is not available	Oversupply
11/14/23 10:10	0:30	5A	Data is not available	Data is not available	Oversupply
11/14/23 10:16	0:06	MS	Data is not available	Data is not available	Oversupply
11/14/23 10:23	0:30	MS	Data is not available	Data is not available	Oversupply
11/14/23 10:26	0:01	KWP	0.00267	20.56000	System Constraint
11/14/23 10:39	0:01	KWP	0.00267	19.92000	System Constraint
11/14/23 10:41	0:04	5A	Data is not available	Data is not available	Oversupply
11/14/23 10:45	0:02	KWP	0.00506	18.32000	System Constraint
11/14/23 10:47	0:08	5A	Data is not available	Data is not available	Oversupply
11/14/23 10:53	0:01	KWP	0.00533	15.12000	System Constraint
11/14/23 10:54	0:04	MS	Data is not available	Data is not available	Oversupply
11/14/23 10:56	0:01	5A	Data is not available	Data is not available	Oversupply
11/14/23 10:58	0:09	5A	Data is not available	Data is not available	Oversupply
11/14/23 11:00	0:08	MS	Data is not available	Data is not available	Oversupply
11/14/23 11:04	0:01	KWP	0.00105	13.36000	System Constraint
11/14/23 11:07	0:01	KWP	0.00267	13.04000	System Constraint
11/14/23 11:09	0:01	MS	Data is not available	Data is not available	Oversupply
11/14/23 11:10	0:03	5A	Data is not available	Data is not available	Oversupply
11/14/23 11:11	0:09	MS	Data is not available	Data is not available	Oversupply
11/14/23 11:14	0:01	KWP	0.00267	12.88000	System Constraint
11/14/23 11:14	0:01	5A	Data is not available	Data is not available	Oversupply
11/14/23 11:19	0:08	5A	Data is not available	Data is not available	Oversupply
11/14/23 11:23	0:03	MS	Data is not available	Data is not available	Oversupply
11/14/23 11:27	0:01	MS	Data is not available	Data is not available	Oversupply
11/14/23 11:27	0:02	AWE	0.05825	2.80000	Oversupply
11/14/23 11:28	0:03	5A	Data is not available	Data is not available	Oversupply
11/14/23 11:32	0:08	MS	Data is not available	Data is not available	Oversupply
11/14/23 11:32	0:08	5A	Data is not available	Data is not available	Oversupply
11/14/23 11:32	0:22	AWE	0.69045	4.00000	Oversupply
11/14/23 11:33	0:01	KWP	0.00267	19.92000	System Constraint
11/14/23 11:41	0:03	MS	Data is not available	Data is not available	Oversupply
11/14/23 11:44	0:06	5A	Data is not available	Data is not available	Oversupply
11/14/23 11:45	0:08	MS	Data is not available	Data is not available	Oversupply
11/14/23 11:56	0:04	5A	Data is not available	Data is not available	Oversupply
11/14/23 11:56	0:49	AWE	1.49755	5.50000	Oversupply
11/14/23 11:57	0:06	MS	Data is not available	Data is not available	Oversupply
11/14/23 12:02	0:08	5A	Data is not available	Data is not available	Oversupply
11/14/23 12:09	0:04	MS	Data is not available	Data is not available	Oversupply
11/14/23 12:12	0:01	KWP	0.00533	12.24000	System Constraint
11/14/23 12:12	0:03	5A	Data is not available	Data is not available	Oversupply
11/14/23 12:15	0:08	MS	Data is not available	Data is not available	Oversupply
11/14/23 12:16	0:03	5A	Data is not available	Data is not available	Oversupply
11/14/23 12:20	0:01	KWP	0.00267	11.12000	System Constraint
11/14/23 12:23	0:01	KWP	0.00214	6.64000	System Constraint
11/14/23 12:23	0:03	5A	Data is not available	Data is not available	Oversupply
11/14/23 12:25	0:03	MS	Data is not available	Data is not available	Oversupply
11/14/23 12:26	0:01	KWP	0.00267	7.76000	System Constraint
11/14/23 12:27	0:05	5A	Data is not available	Data is not available	Oversupply
11/14/23 12:29	0:03	MS	Data is not available	Data is not available	Oversupply
11/14/23 12:36	0:03	MS	Data is not available	Data is not available	Oversupply
11/14/23 12:38	0:11	5A	Data is not available	Data is not available	Oversupply
11/14/23 12:40	0:05	MS	Data is not available	Data is not available	Oversupply
11/14/23 12:46	0:04	AWE	0.06110	2.50000	Oversupply
11/14/23 12:51	0:11	MS	Data is not available	Data is not available	Oversupply
11/14/23 12:51	0:02	AWE	0.04284	2.30000	Oversupply
11/14/23 12:54	0:05	5A	Data is not available	Data is not available	Oversupply
11/14/23 12:54	0:09	AWE	0.13866	1.80000	Oversupply
11/14/23 13:03	0:05	5A	Data is not available	Data is not available	Oversupply
11/14/23 13:07	0:05	MS	Data is not available	Data is not available	Oversupply
11/14/23 13:07	0:06	AWE	0.09859	2.50000	Oversupply
11/14/23 13:09	0:01	5A	Data is not available	Data is not available	Oversupply
11/14/23 13:11	0:07	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

November 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/14/23 13:16	0:05	MS	Data is not available	Data is not available	Oversupply
11/14/23 13:16	0:06	AWE	0.03434	1.30000	Oversupply
11/14/23 13:17	0:01	KWP	0.00267	17.84000	System Constraint
11/14/23 13:19	0:01	KWP	0.00267	14.48000	System Constraint
11/14/23 13:20	0:08	5A	Data is not available	Data is not available	Oversupply
11/14/23 13:22	0:01	MS	Data is not available	Data is not available	Oversupply
11/14/23 13:24	0:07	MS	Data is not available	Data is not available	Oversupply
11/14/23 13:25	0:03	AWE	0.00500	0.10000	Oversupply
11/14/23 13:27	0:01	KWP	0.00267	14.32000	System Constraint
11/14/23 13:33	0:08	MS	Data is not available	Data is not available	Oversupply
11/14/23 13:33	0:02	5A	Data is not available	Data is not available	Oversupply
11/14/23 13:34	0:04	AWE	0.00833	0.20000	Oversupply
11/14/23 13:36	0:01	5A	Data is not available	Data is not available	Oversupply
11/14/23 13:37	0:01	KWP	0.00267	8.40000	System Constraint
11/14/23 13:41	0:05	5A	Data is not available	Data is not available	Oversupply
11/14/23 13:46	0:02	MS	Data is not available	Data is not available	Oversupply
11/14/23 13:47	0:02	AWE	0.01000	0.50000	Oversupply
11/14/23 13:49	0:01	MS	Data is not available	Data is not available	Oversupply
11/14/23 13:52	0:12	5A	Data is not available	Data is not available	Oversupply
11/14/23 13:54	0:05	MS	Data is not available	Data is not available	Oversupply
11/14/23 13:55	0:02	KWP	0.00533	18.48000	System Constraint
11/14/23 13:58	0:01	KWP	0.00267	13.36000	System Constraint
11/14/23 14:05	0:12	MS	Data is not available	Data is not available	Oversupply
11/14/23 14:08	0:02	5A	Data is not available	Data is not available	Oversupply
11/14/23 14:13	0:02	5A	Data is not available	Data is not available	Oversupply
11/14/23 14:17	0:02	5A	Data is not available	Data is not available	Oversupply
11/14/23 14:21	0:02	MS	Data is not available	Data is not available	Oversupply
11/14/23 14:21	0:01	AWE	0.00165	0.10000	Oversupply
11/14/23 14:22	0:02	KWP	0.00800	18.00000	System Constraint
11/14/23 14:23	0:01	AWE	0.00498	0.30000	Oversupply
11/14/23 14:25	0:01	5A	Data is not available	Data is not available	Oversupply
11/14/23 14:25	0:03	AWE	0.01484	0.60000	Oversupply
11/14/23 14:26	0:02	MS	Data is not available	Data is not available	Oversupply
11/14/23 14:28	0:04	5A	Data is not available	Data is not available	Oversupply
11/14/23 14:30	0:02	MS	Data is not available	Data is not available	Oversupply
11/14/23 14:30	0:02	AWE	0.00203	0.10000	Oversupply
11/14/23 14:38	0:01	MS	Data is not available	Data is not available	Oversupply
11/14/23 14:40	0:03	5A	Data is not available	Data is not available	Oversupply
11/14/23 14:41	0:04	MS	Data is not available	Data is not available	Oversupply
11/14/23 14:44	0:01	5A	Data is not available	Data is not available	Oversupply
11/14/23 14:47	0:02	5A	Data is not available	Data is not available	Oversupply
11/14/23 14:53	0:03	MS	Data is not available	Data is not available	Oversupply
11/14/23 14:55	0:01	KWP	0.00267	24.40000	System Constraint
11/14/23 14:57	0:01	MS	Data is not available	Data is not available	Oversupply
11/14/23 15:00	0:02	MS	Data is not available	Data is not available	Oversupply
11/14/23 15:21	0:06	17-2	0.06160	0.61600	Oversupply
11/14/23 15:24	0:02	SSA3	-0.00125	0.55700	Oversupply
11/14/23 15:33	0:11	17-2	0.02677	0.17800	Oversupply
11/14/23 15:34	0:02	SSA3	0.00508	0.59500	Oversupply
11/14/23 15:38	0:05	BS250	Data is not available	Data is not available	Oversupply
11/14/23 15:38	0:06	SSA3	0.01524	0.20800	Oversupply
11/14/23 15:44	0:02	SSA3	0.00508	0.51000	Oversupply
11/14/23 15:45	0:02	BS250	Data is not available	Data is not available	Oversupply
11/14/23 15:45	0:12	17-2	0.03447	0.38300	Oversupply
11/14/23 15:46	0:02	SSA3	0.00277	0.00900	Oversupply
11/14/23 15:48	0:02	SSA3	0.00277	0.33000	Oversupply
11/14/23 15:58	0:01	17-2	0.00977	0.58600	Oversupply
11/14/23 16:00	0:10	BS250	Data is not available	Data is not available	Oversupply
11/14/23 16:00	0:11	17-2	0.04368	0.53600	Oversupply
11/14/23 16:00	0:10	SSA3	0.04778	0.16000	Oversupply
11/14/23 16:12	0:06	BS250	Data is not available	Data is not available	Oversupply
11/14/23 16:12	0:07	17-2	0.03625	0.41400	Oversupply
11/14/23 16:12	0:06	SSA3	0.01951	0.01000	Oversupply
11/14/23 22:10	0:01	AWE	0.00500	0.30000	Oversupply
11/14/23 23:43	0:08	AWE	0.44830	18.40000	Oversupply
11/14/23 23:53	0:19	AWE	1.08869	18.10000	Oversupply
11/15/23 0:27	2:07	AWE	9.77948	20.20000	Oversupply
11/15/23 2:38	0:01	AWE	0.00188	13.70000	Oversupply
11/15/23 2:42	0:01	AWE	0.00115	12.20000	Oversupply
11/15/23 2:54	0:09	AWE	0.16902	15.40000	Oversupply
11/15/23 3:04	0:02	AWE	0.01908	13.00000	Oversupply
11/15/23 3:07	0:02	AWE	0.00866	13.40000	Oversupply
11/15/23 3:10	0:01	AWE	0.00392	12.90000	Oversupply
11/15/23 3:13	0:01	AWE	0.00136	12.30000	Oversupply
11/15/23 3:27	0:01	AWE	0.00654	12.30000	Oversupply
11/15/23 3:30	0:16	AWE	0.34700	17.10000	Oversupply
11/15/23 3:59	0:04	AWE	0.02244	14.40000	Oversupply



Maui Curtailment Report

November 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/15/23 4:09	0:16	AWE	0.69594	19.70000	Oversupply
11/15/23 4:26	0:06	AWE	0.11260	16.70000	Oversupply
11/15/23 4:42	0:02	AWE	0.01578	17.40000	Oversupply
11/15/23 4:45	0:13	AWE	0.31054	19.80000	Oversupply
11/15/23 5:01	0:02	AWE	0.00724	18.70000	Oversupply
11/15/23 6:21	9:59	BS250	Data is not available	Data is not available	Oversupply
11/15/23 6:52	0:04	AWE	0.04012	21.00000	Oversupply
11/15/23 7:01	0:09	AWE	0.08718	20.00000	Oversupply
11/15/23 7:11	0:02	AWE	0.00642	19.70000	Oversupply
11/15/23 7:12	9:09	17-2	2.61348	0.75000	Oversupply
11/15/23 7:15	2:47	SSA3	1.14322	0.01600	Oversupply
11/15/23 7:21	8:02	AWE	129.37364	21.00000	Oversupply
11/15/23 8:53	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 8:57	0:10	5A	Data is not available	Data is not available	Oversupply
11/15/23 9:06	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 9:08	0:06	5A	Data is not available	Data is not available	Oversupply
11/15/23 9:10	0:10	MS	Data is not available	Data is not available	Oversupply
11/15/23 9:16	0:08	5A	Data is not available	Data is not available	Oversupply
11/15/23 9:19	0:01	KWP	0.00533	23.44000	Oversupply
11/15/23 9:21	0:06	MS	Data is not available	Data is not available	Oversupply
11/15/23 9:25	0:02	5A	Data is not available	Data is not available	Oversupply
11/15/23 9:29	0:08	MS	Data is not available	Data is not available	Oversupply
11/15/23 9:29	0:02	5A	Data is not available	Data is not available	Oversupply
11/15/23 9:32	0:02	5A	Data is not available	Data is not available	Oversupply
11/15/23 9:34	0:01	KWP	0.00252	19.92000	Oversupply
11/15/23 9:35	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 9:38	0:02	MS	Data is not available	Data is not available	Oversupply
11/15/23 9:38	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 9:41	0:03	5A	Data is not available	Data is not available	Oversupply
11/15/23 9:42	0:02	MS	Data is not available	Data is not available	Oversupply
11/15/23 9:45	0:02	MS	Data is not available	Data is not available	Oversupply
11/15/23 9:45	0:14	5A	Data is not available	Data is not available	Oversupply
11/15/23 9:48	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 9:51	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 9:54	0:03	MS	Data is not available	Data is not available	Oversupply
11/15/23 9:55	0:01	KWP	0.00046	22.64000	Oversupply
11/15/23 9:58	0:14	MS	Data is not available	Data is not available	Oversupply
11/15/23 10:00	0:05	5A	Data is not available	Data is not available	Oversupply
11/15/23 10:06	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 10:08	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 10:10	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 10:13	0:05	MS	Data is not available	Data is not available	Oversupply
11/15/23 10:13	0:02	5A	Data is not available	Data is not available	Oversupply
11/15/23 10:16	0:05	5A	Data is not available	Data is not available	Oversupply
11/15/23 10:17	0:02	KWP	0.00533	17.68000	Oversupply
11/15/23 10:19	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 10:21	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 10:22	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 10:23	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 10:25	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 10:26	0:02	MS	Data is not available	Data is not available	Oversupply
11/15/23 10:29	0:05	MS	Data is not available	Data is not available	Oversupply
11/15/23 10:30	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 10:34	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 10:35	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 10:36	0:03	5A	Data is not available	Data is not available	Oversupply
11/15/23 10:38	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 10:40	0:07	5A	Data is not available	Data is not available	Oversupply
11/15/23 10:43	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 10:47	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 10:49	0:03	MS	Data is not available	Data is not available	Oversupply
11/15/23 10:50	0:03	5A	Data is not available	Data is not available	Oversupply
11/15/23 10:53	0:07	MS	Data is not available	Data is not available	Oversupply
11/15/23 10:54	0:10	5A	Data is not available	Data is not available	Oversupply
11/15/23 10:55	0:01	KWP	0.00267	11.28000	Oversupply
11/15/23 11:03	0:03	MS	Data is not available	Data is not available	Oversupply
11/15/23 11:05	0:04	5A	Data is not available	Data is not available	Oversupply
11/15/23 11:07	0:10	MS	Data is not available	Data is not available	Oversupply
11/15/23 11:08	0:01	KWP	0.00267	13.20000	Oversupply
11/15/23 11:11	0:04	5A	Data is not available	Data is not available	Oversupply
11/15/23 11:17	0:03	5A	Data is not available	Data is not available	Oversupply
11/15/23 11:18	0:04	MS	Data is not available	Data is not available	Oversupply
11/15/23 11:23	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 11:24	0:04	MS	Data is not available	Data is not available	Oversupply
11/15/23 11:30	0:03	MS	Data is not available	Data is not available	Oversupply
11/15/23 11:30	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 11:33	0:02	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

November 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/15/23 11:36	0:02	MS	Data is not available	Data is not available	Oversupply
11/15/23 11:37	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 11:39	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 11:44	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 11:44	0:12	5A	Data is not available	Data is not available	Oversupply
11/15/23 11:47	0:02	MS	Data is not available	Data is not available	Oversupply
11/15/23 11:51	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 11:52	0:01	KWP	0.00267	12.40000	Oversupply
11/15/23 11:53	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 11:58	0:12	MS	Data is not available	Data is not available	Oversupply
11/15/23 11:58	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 12:01	0:02	5A	Data is not available	Data is not available	Oversupply
11/15/23 12:04	0:03	5A	Data is not available	Data is not available	Oversupply
11/15/23 12:08	0:02	5A	Data is not available	Data is not available	Oversupply
11/15/23 12:12	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 12:12	0:03	5A	Data is not available	Data is not available	Oversupply
11/15/23 12:15	0:02	MS	Data is not available	Data is not available	Oversupply
11/15/23 12:17	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 12:18	0:03	MS	Data is not available	Data is not available	Oversupply
11/15/23 12:19	0:02	5A	Data is not available	Data is not available	Oversupply
11/15/23 12:22	0:02	MS	Data is not available	Data is not available	Oversupply
11/15/23 12:24	0:04	5A	Data is not available	Data is not available	Oversupply
11/15/23 12:26	0:03	MS	Data is not available	Data is not available	Oversupply
11/15/23 12:29	0:03	5A	Data is not available	Data is not available	Oversupply
11/15/23 12:31	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 12:31	0:01	KWP	0.00267	13.04000	Oversupply
11/15/23 12:33	0:02	MS	Data is not available	Data is not available	Oversupply
11/15/23 12:33	0:02	5A	Data is not available	Data is not available	Oversupply
11/15/23 12:36	0:03	5A	Data is not available	Data is not available	Oversupply
11/15/23 12:38	0:04	MS	Data is not available	Data is not available	Oversupply
11/15/23 12:41	0:07	5A	Data is not available	Data is not available	Oversupply
11/15/23 12:43	0:03	MS	Data is not available	Data is not available	Oversupply
11/15/23 12:47	0:02	MS	Data is not available	Data is not available	Oversupply
11/15/23 12:49	0:05	5A	Data is not available	Data is not available	Oversupply
11/15/23 12:50	0:03	MS	Data is not available	Data is not available	Oversupply
11/15/23 12:55	0:07	MS	Data is not available	Data is not available	Oversupply
11/15/23 12:55	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 12:57	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 13:00	0:08	5A	Data is not available	Data is not available	Oversupply
11/15/23 13:03	0:05	MS	Data is not available	Data is not available	Oversupply
11/15/23 13:07	0:01	KWP	0.00533	12.24000	Oversupply
11/15/23 13:09	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 13:10	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 13:11	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 13:14	0:08	MS	Data is not available	Data is not available	Oversupply
11/15/23 13:18	0:06	5A	Data is not available	Data is not available	Oversupply
11/15/23 13:24	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 13:25	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 13:27	0:02	5A	Data is not available	Data is not available	Oversupply
11/15/23 13:30	0:03	5A	Data is not available	Data is not available	Oversupply
11/15/23 13:32	0:06	MS	Data is not available	Data is not available	Oversupply
11/15/23 13:39	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 13:41	0:02	MS	Data is not available	Data is not available	Oversupply
11/15/23 13:44	0:03	MS	Data is not available	Data is not available	Oversupply
11/15/23 13:49	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 13:51	0:03	5A	Data is not available	Data is not available	Oversupply
11/15/23 13:56	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 14:03	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 14:03	0:01	5A	Data is not available	Data is not available	Oversupply
11/15/23 14:05	0:03	MS	Data is not available	Data is not available	Oversupply
11/15/23 14:10	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 14:17	0:01	MS	Data is not available	Data is not available	Oversupply
11/15/23 15:06	0:08	SSA3	0.04872	0.63600	Oversupply
11/15/23 15:15	0:16	SSA3	0.26405	0.01400	Oversupply
11/15/23 15:31	0:50	SSA3	0.30189	0.01800	Oversupply
11/15/23 15:34	0:03	AWE	0.02340	20.30000	Oversupply
11/15/23 16:21	0:02	SSA3	0.00413	0.28700	Oversupply
11/15/23 16:22	0:10	17-2	0.03195	0.26800	Oversupply
11/15/23 16:23	0:02	SSA3	0.00413	0.29700	Oversupply
11/15/23 16:25	0:02	SSA3	0.00413	0.29200	Oversupply
11/15/23 16:27	0:02	SSA3	0.00413	0.01100	Oversupply
11/15/23 16:28	0:02	BS250	Data is not available	Data is not available	Oversupply
11/15/23 16:29	0:02	SSA3	0.00773	0.02900	Oversupply
11/15/23 16:31	0:02	SSA3	0.00428	0.27600	Oversupply
11/15/23 16:33	0:47	BS250	Data is not available	Data is not available	Oversupply
11/15/23 16:33	0:42	17-2	0.04893	0.20300	Oversupply
11/15/23 16:33	0:42	SSA3	0.10464	0.00600	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/15/23 17:21	0:01	BS250	Data is not available	Data is not available	Oversupply
11/15/23 17:24	0:08	BS250	Data is not available	Data is not available	Oversupply
11/15/23 17:37	0:01	BS250	Data is not available	Data is not available	Oversupply
11/15/23 22:43	2:17	AWE	10.57428	17.20000	Oversupply
11/16/23 1:01	0:02	AWE	0.00546	6.50000	Oversupply
11/16/23 1:05	0:11	AWE	0.34719	9.80000	Oversupply
11/16/23 1:22	0:01	AWE	0.00602	7.30000	Oversupply
11/16/23 1:24	0:31	AWE	1.10071	8.80000	Oversupply
11/16/23 1:58	0:04	AWE	0.05153	3.30000	Oversupply
11/16/23 2:03	0:32	AWE	2.45893	13.10000	Oversupply
11/16/23 2:37	0:07	AWE	0.07654	7.70000	Oversupply
11/16/23 2:45	0:09	AWE	0.20858	11.20000	Oversupply
11/16/23 2:56	0:01	AWE	0.00103	7.60000	Oversupply
11/16/23 2:59	0:01	AWE	0.00453	7.30000	Oversupply
11/16/23 3:01	1:30	AWE	3.99512	8.90000	Oversupply
11/16/23 4:32	0:15	AWE	0.52131	10.20000	Oversupply
11/16/23 4:50	0:04	AWE	0.01324	5.80000	Oversupply
11/16/23 5:02	0:01	AWE	0.00052	7.00000	Oversupply
11/16/23 5:18	0:41	AWE	4.21549	20.30000	Oversupply
11/16/23 6:01	0:14	AWE	1.06584	19.70000	Oversupply
11/16/23 6:16	0:03	AWE	0.04750	18.40000	Oversupply
11/16/23 6:17	2:58	BS250	Data is not available	Data is not available	Oversupply
11/16/23 6:58	0:01	AWE	0.00518	19.40000	Oversupply
11/16/23 7:05	2:11	17-2	0.13715	0.08800	Oversupply
11/16/23 7:11	0:01	AWE	0.00409	17.30000	Oversupply
11/16/23 7:16	1:59	SSA3	0.66694	0.01200	Oversupply
11/16/23 7:44	0:52	AWE	3.08317	17.50000	Oversupply
11/16/23 8:15	0:01	5A	Data is not available	Data is not available	Oversupply
11/16/23 8:29	0:01	MS	Data is not available	Data is not available	Oversupply
11/16/23 8:30	0:03	KWP	0.01067	25.20000	System Constraint
11/16/23 8:34	0:01	KWP	0.00267	19.12000	System Constraint
11/16/23 8:43	0:03	KWP	0.01067	10.16000	System Constraint
11/16/23 8:49	0:01	KWP	0.00800	2.80000	System Constraint
11/16/23 8:51	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 8:54	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 8:57	0:06	KWP	0.00800	0.08000	System Constraint
11/16/23 9:04	0:03	KWP	0.00400	0.08000	System Constraint
11/16/23 9:08	0:04	KWP	0.00533	0.08000	System Constraint
11/16/23 9:13	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 9:16	0:02	KWP	0.00267	0.08000	System Constraint
11/16/23 9:18	6:59	BS250	Data is not available	Data is not available	Oversupply
11/16/23 9:18	7:00	17-2	0.51100	0.07300	Oversupply
11/16/23 9:18	7:00	SSA3	3.21142	0.33100	Oversupply
11/16/23 9:19	0:06	KWP	0.00800	0.08000	System Constraint
11/16/23 9:27	0:07	KWP	0.00933	0.08000	System Constraint
11/16/23 9:34	0:14	AWE	0.27554	20.50000	Oversupply
11/16/23 9:36	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 9:38	0:02	KWP	0.00267	0.08000	System Constraint
11/16/23 9:43	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 9:46	0:02	KWP	0.00267	0.08000	System Constraint
11/16/23 9:49	0:02	KWP	0.00267	0.08000	System Constraint
11/16/23 9:52	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 9:54	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 9:56	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 9:58	0:02	KWP	0.00267	0.08000	System Constraint
11/16/23 10:00	4:25	AWE	48.43146	20.70000	Oversupply
11/16/23 10:01	0:03	KWP	0.00400	0.08000	System Constraint
11/16/23 10:06	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 10:09	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 10:11	0:03	KWP	0.00400	0.08000	System Constraint
11/16/23 10:16	0:02	KWP	0.00267	0.08000	System Constraint
11/16/23 10:21	0:03	KWP	0.00400	0.08000	System Constraint
11/16/23 10:26	0:02	KWP	0.00267	0.08000	System Constraint
11/16/23 10:29	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 10:31	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 10:33	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 10:35	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 10:38	0:02	KWP	0.00267	0.08000	System Constraint
11/16/23 10:41	0:04	5A	Data is not available	Data is not available	Oversupply
11/16/23 10:42	0:01	KWP	0.00133	0.08000	System Constraint
11/16/23 10:44	0:01	KWP	0.00400	0.24000	System Constraint
11/16/23 10:49	0:03	5A	Data is not available	Data is not available	Oversupply
11/16/23 10:54	0:04	5A	Data is not available	Data is not available	Oversupply
11/16/23 10:55	0:04	MS	Data is not available	Data is not available	Oversupply
11/16/23 10:59	0:01	5A	Data is not available	Data is not available	Oversupply
11/16/23 11:01	0:04	5A	Data is not available	Data is not available	Oversupply
11/16/23 11:03	0:03	MS	Data is not available	Data is not available	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/16/23 11:06	0:04	5A	Data is not available	Data is not available	Oversupply
11/16/23 11:08	0:04	MS	Data is not available	Data is not available	Oversupply
11/16/23 11:10	0:01	KWP	0.00533	13.68000	Oversupply
11/16/23 11:11	0:01	5A	Data is not available	Data is not available	Oversupply
11/16/23 11:13	0:01	MS	Data is not available	Data is not available	Oversupply
11/16/23 11:15	0:04	MS	Data is not available	Data is not available	Oversupply
11/16/23 11:15	0:07	5A	Data is not available	Data is not available	Oversupply
11/16/23 11:18	0:01	KWP	0.00267	12.56000	Oversupply
11/16/23 11:20	0:04	MS	Data is not available	Data is not available	Oversupply
11/16/23 11:20	0:01	KWP	0.00267	12.24000	Oversupply
11/16/23 11:24	0:01	KWP	0.00267	12.08000	Oversupply
11/16/23 11:25	0:01	MS	Data is not available	Data is not available	Oversupply
11/16/23 11:26	0:05	5A	Data is not available	Data is not available	Oversupply
11/16/23 11:29	0:07	MS	Data is not available	Data is not available	Oversupply
11/16/23 11:32	0:02	5A	Data is not available	Data is not available	Oversupply
11/16/23 11:35	0:05	5A	Data is not available	Data is not available	Oversupply
11/16/23 11:40	0:05	MS	Data is not available	Data is not available	Oversupply
11/16/23 11:41	0:01	KWP	0.00267	17.52000	Oversupply
11/16/23 11:42	0:03	5A	Data is not available	Data is not available	Oversupply
11/16/23 11:46	0:02	MS	Data is not available	Data is not available	Oversupply
11/16/23 11:47	0:01	KWP	0.00533	17.20000	Oversupply
11/16/23 11:48	0:04	5A	Data is not available	Data is not available	Oversupply
11/16/23 11:49	0:05	MS	Data is not available	Data is not available	Oversupply
11/16/23 11:56	0:03	MS	Data is not available	Data is not available	Oversupply
11/16/23 11:57	0:02	KWP	0.00533	15.60000	Oversupply
11/16/23 11:58	0:14	5A	Data is not available	Data is not available	Oversupply
11/16/23 12:02	0:04	MS	Data is not available	Data is not available	Oversupply
11/16/23 12:12	0:14	MS	Data is not available	Data is not available	Oversupply
11/16/23 12:13	0:04	5A	Data is not available	Data is not available	Oversupply
11/16/23 12:14	0:01	KWP	0.00267	22.80000	Oversupply
11/16/23 12:19	0:02	KWP	0.00800	20.56000	Oversupply
11/16/23 12:19	0:06	5A	Data is not available	Data is not available	Oversupply
11/16/23 12:27	0:04	MS	Data is not available	Data is not available	Oversupply
11/16/23 12:27	0:01	5A	Data is not available	Data is not available	Oversupply
11/16/23 12:28	0:01	KWP	0.00267	19.12000	Oversupply
11/16/23 12:33	0:06	MS	Data is not available	Data is not available	Oversupply
11/16/23 12:36	0:01	KWP	0.00267	16.08000	Oversupply
11/16/23 12:41	0:01	MS	Data is not available	Data is not available	Oversupply
11/16/23 12:44	0:01	5A	Data is not available	Data is not available	Oversupply
11/16/23 12:58	0:01	MS	Data is not available	Data is not available	Oversupply
11/16/23 14:34	0:01	AWE	0.00538	19.50000	Oversupply
11/16/23 16:19	0:02	17-2	0.00241	0.07300	Oversupply
11/16/23 16:19	0:02	SSA3	0.00317	0.12800	Oversupply
11/16/23 16:23	1:41	BS250	Data is not available	Data is not available	Oversupply
11/16/23 16:23	1:42	17-2	0.12410	0.07300	Oversupply
11/16/23 16:23	0:08	SSA3	0.01393	0.00400	Oversupply
11/16/23 16:36	0:01	AWE	0.01534	20.60000	Oversupply
11/16/23 16:43	0:01	AWE	0.00465	19.70000	Oversupply
11/16/23 18:06	0:01	BS250	Data is not available	Data is not available	Oversupply
11/16/23 18:06	0:02	17-2	0.00176	0.07300	Oversupply
11/16/23 18:09	0:19	17-2	0.02312	0.07300	Oversupply
11/16/23 18:10	0:04	BS250	Data is not available	Data is not available	Oversupply
11/16/23 19:18	0:01	17-2	0.00122	0.07300	Oversupply
11/16/23 21:40	0:02	17-2	0.00125	0.07300	Oversupply
11/16/23 21:44	0:02	17-2	0.00243	0.07300	Oversupply
11/16/23 21:47	7:26	17-2	0.54263	0.07300	Oversupply
11/17/23 5:40	0:33	17-2	0.04015	0.07300	Oversupply
11/17/23 7:17	0:02	SSA3	0.00340	0.02100	Oversupply
11/17/23 7:18	8:24	BS250	Data is not available	Data is not available	Oversupply
11/17/23 7:21	8:26	17-2	0.61507	0.07300	Oversupply
11/17/23 7:21	0:02	SSA3	0.00340	0.00100	Oversupply
11/17/23 7:23	0:02	SSA3	0.00340	0.02200	Oversupply
11/17/23 7:25	2:35	SSA3	1.11019	0.01600	Oversupply
11/17/23 9:59	0:07	5A	Data is not available	Data is not available	Oversupply
11/17/23 10:00	0:16	SSA3	0.38085	0.01400	Oversupply
11/17/23 10:09	0:01	5A	Data is not available	Data is not available	Oversupply
11/17/23 10:12	0:01	5A	Data is not available	Data is not available	Oversupply
11/17/23 10:13	0:07	MS	Data is not available	Data is not available	Oversupply
11/17/23 10:14	0:02	5A	Data is not available	Data is not available	Oversupply
11/17/23 10:16	1:29	SSA3	0.87194	0.01300	Oversupply
11/17/23 10:17	0:10	5A	Data is not available	Data is not available	Oversupply
11/17/23 10:18	0:02	KWP	0.00800	25.36000	Oversupply
11/17/23 10:23	0:01	MS	Data is not available	Data is not available	Oversupply
11/17/23 10:26	0:01	MS	Data is not available	Data is not available	Oversupply
11/17/23 10:28	0:02	MS	Data is not available	Data is not available	Oversupply
11/17/23 10:28	0:02	5A	Data is not available	Data is not available	Oversupply
11/17/23 10:31	0:10	MS	Data is not available	Data is not available	Oversupply





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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/17/23 10:33	0:02	5A	Data is not available	Data is not available	Oversupply
11/17/23 10:39	0:08	5A	Data is not available	Data is not available	Oversupply
11/17/23 10:42	0:02	MS	Data is not available	Data is not available	Oversupply
11/17/23 10:47	0:02	MS	Data is not available	Data is not available	Oversupply
11/17/23 10:47	0:04	AWE	0.06535	1.60000	Oversupply
11/17/23 10:49	0:02	5A	Data is not available	Data is not available	Oversupply
11/17/23 10:52	0:03	5A	Data is not available	Data is not available	Oversupply
11/17/23 10:53	0:08	MS	Data is not available	Data is not available	Oversupply
11/17/23 10:55	0:25	AWE	1.18104	9.40000	Oversupply
11/17/23 11:03	0:02	MS	Data is not available	Data is not available	Oversupply
11/17/23 11:06	0:03	MS	Data is not available	Data is not available	Oversupply
11/17/23 11:15	0:08	5A	Data is not available	Data is not available	Oversupply
11/17/23 11:22	3:52	AWE	31.16014	16.80000	Oversupply
11/17/23 11:24	0:06	5A	Data is not available	Data is not available	Oversupply
11/17/23 11:29	0:08	MS	Data is not available	Data is not available	Oversupply
11/17/23 11:31	0:01	KWP	0.00533	24.88000	Oversupply
11/17/23 11:31	0:02	5A	Data is not available	Data is not available	Oversupply
11/17/23 11:34	0:01	KWP	0.00267	21.36000	Oversupply
11/17/23 11:34	0:13	5A	Data is not available	Data is not available	Oversupply
11/17/23 11:37	0:01	KWP	0.00267	18.64000	Oversupply
11/17/23 11:38	0:06	MS	Data is not available	Data is not available	Oversupply
11/17/23 11:41	0:01	KWP	0.00267	18.00000	Oversupply
11/17/23 11:45	0:02	MS	Data is not available	Data is not available	Oversupply
11/17/23 11:45	1:45	SSA3	0.00000	0.01500	Oversupply
11/17/23 11:47	0:01	KWP	0.00267	16.24000	Oversupply
11/17/23 11:48	0:13	MS	Data is not available	Data is not available	Oversupply
11/17/23 11:50	0:28	5A	Data is not available	Data is not available	Oversupply
11/17/23 12:01	0:01	KWP	0.00267	14.32000	Oversupply
11/17/23 12:04	0:28	MS	Data is not available	Data is not available	Oversupply
11/17/23 12:08	0:01	KWP	0.00533	16.24000	Oversupply
11/17/23 12:19	0:01	5A	Data is not available	Data is not available	Oversupply
11/17/23 12:21	0:09	5A	Data is not available	Data is not available	Oversupply
11/17/23 12:31	0:04	5A	Data is not available	Data is not available	Oversupply
11/17/23 12:33	0:01	MS	Data is not available	Data is not available	Oversupply
11/17/23 12:35	0:09	MS	Data is not available	Data is not available	Oversupply
11/17/23 12:36	0:04	5A	Data is not available	Data is not available	Oversupply
11/17/23 12:39	0:01	KWP	0.00267	14.80000	Oversupply
11/17/23 12:41	0:02	5A	Data is not available	Data is not available	Oversupply
11/17/23 12:44	0:04	5A	Data is not available	Data is not available	Oversupply
11/17/23 12:45	0:04	MS	Data is not available	Data is not available	Oversupply
11/17/23 12:47	0:01	KWP	0.00267	14.80000	Oversupply
11/17/23 12:49	0:03	5A	Data is not available	Data is not available	Oversupply
11/17/23 12:50	0:04	MS	Data is not available	Data is not available	Oversupply
11/17/23 12:53	0:07	5A	Data is not available	Data is not available	Oversupply
11/17/23 12:55	0:02	MS	Data is not available	Data is not available	Oversupply
11/17/23 12:58	0:04	MS	Data is not available	Data is not available	Oversupply
11/17/23 13:01	0:02	5A	Data is not available	Data is not available	Oversupply
11/17/23 13:03	0:03	MS	Data is not available	Data is not available	Oversupply
11/17/23 13:04	0:02	5A	Data is not available	Data is not available	Oversupply
11/17/23 13:07	0:07	MS	Data is not available	Data is not available	Oversupply
11/17/23 13:07	0:03	5A	Data is not available	Data is not available	Oversupply
11/17/23 13:11	0:02	5A	Data is not available	Data is not available	Oversupply
11/17/23 13:14	0:04	5A	Data is not available	Data is not available	Oversupply
11/17/23 13:15	0:02	MS	Data is not available	Data is not available	Oversupply
11/17/23 13:16	0:01	KWP	0.00267	17.36000	Oversupply
11/17/23 13:18	0:02	MS	Data is not available	Data is not available	Oversupply
11/17/23 13:18	0:01	KWP	0.00267	17.20000	Oversupply
11/17/23 13:19	0:02	5A	Data is not available	Data is not available	Oversupply
11/17/23 13:21	0:03	MS	Data is not available	Data is not available	Oversupply
11/17/23 13:22	0:04	5A	Data is not available	Data is not available	Oversupply
11/17/23 13:25	0:02	MS	Data is not available	Data is not available	Oversupply
11/17/23 13:27	0:02	5A	Data is not available	Data is not available	Oversupply
11/17/23 13:28	0:04	MS	Data is not available	Data is not available	Oversupply
11/17/23 13:30	0:01	5A	Data is not available	Data is not available	Oversupply
11/17/23 13:32	0:03	5A	Data is not available	Data is not available	Oversupply
11/17/23 13:33	0:02	MS	Data is not available	Data is not available	Oversupply
11/17/23 13:36	0:04	MS	Data is not available	Data is not available	Oversupply
11/17/23 13:36	0:02	5A	Data is not available	Data is not available	Oversupply
11/17/23 13:41	0:02	MS	Data is not available	Data is not available	Oversupply
11/17/23 13:43	0:09	5A	Data is not available	Data is not available	Oversupply
11/17/23 13:44	0:01	MS	Data is not available	Data is not available	Oversupply
11/17/23 13:46	0:03	MS	Data is not available	Data is not available	Oversupply
11/17/23 13:50	0:02	MS	Data is not available	Data is not available	Oversupply
11/17/23 13:55	0:04	5A	Data is not available	Data is not available	Oversupply
11/17/23 13:57	0:09	MS	Data is not available	Data is not available	Oversupply
11/17/23 14:09	0:04	MS	Data is not available	Data is not available	Oversupply
11/17/23 15:15	0:01	AWE	0.00550	14.70000	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
11/17/23 15:49	0:18	17-2	0.02190	0.07300	Oversupply
11/17/23 15:54	0:05	BS250	Data is not available	Data is not available	Oversupply
11/17/23 16:00	0:04	BS250	Data is not available	Data is not available	Oversupply
11/17/23 16:24	0:16	17-2	0.01947	0.07300	Oversupply
11/17/23 16:25	0:02	BS250	Data is not available	Data is not available	Oversupply
11/17/23 16:33	0:01	BS250	Data is not available	Data is not available	Oversupply
11/17/23 17:12	0:01	17-2	0.00122	0.07300	Oversupply
11/17/23 18:03	0:04	17-2	0.00487	0.07300	Oversupply
11/17/23 18:16	0:04	17-2	0.00487	0.07300	Oversupply
11/17/23 18:25	0:01	17-2	0.00102	0.07300	Oversupply
11/17/23 18:38	0:08	17-2	0.00973	0.07300	Oversupply
11/17/23 18:48	2:54	17-2	0.21170	0.07300	Oversupply
11/17/23 21:45	0:01	17-2	0.00122	0.07300	Oversupply
11/17/23 21:46	0:07	KWP	0.10677	15.16692	Oversupply
11/17/23 21:47	0:03	17-2	0.00365	0.07300	Oversupply
11/17/23 21:51	0:06	17-2	0.00730	0.07300	Oversupply
11/17/23 21:56	0:04	KWP	0.11859	16.39840	Oversupply
11/17/23 22:01	0:06	KWP	0.06688	14.38353	Oversupply
11/17/23 22:08	0:03	KWP	0.02581	14.15999	Oversupply
11/17/23 22:08	0:07	17-2	0.00852	0.07300	Oversupply
11/17/23 22:12	0:24	KWP	1.17906	18.60089	Oversupply
11/17/23 22:19	0:30	17-2	0.03650	0.07300	Oversupply
11/17/23 22:50	0:01	17-2	0.00122	0.07300	Oversupply
11/17/23 22:57	0:06	17-2	0.00730	0.07300	Oversupply
11/17/23 23:04	0:18	17-2	0.02190	0.07300	Oversupply
11/17/23 23:08	0:13	KWP	0.75167	13.39156	Oversupply
11/17/23 23:35	0:01	17-2	0.00122	0.07300	Oversupply
11/17/23 23:46	0:03	17-2	0.00365	0.07300	Oversupply
11/17/23 23:48	0:01	KWP	0.00966	6.58850	Oversupply
11/17/23 23:52	0:01	17-2	0.00122	0.07300	Oversupply
11/18/23 0:00	0:02	17-2	0.00150	0.07300	Oversupply
11/18/23 2:42	0:02	17-2	0.00243	0.07300	Oversupply
11/18/23 8:51	0:01	17-2	0.00018	0.07300	Oversupply
11/18/23 8:56	5:20	17-2	0.38933	0.07300	Oversupply
11/18/23 9:03	0:02	BS250	Data is not available	Data is not available	Oversupply
11/18/23 9:06	0:01	BS250	Data is not available	Data is not available	Oversupply
11/18/23 9:07	0:01	AWE	0.00221	4.40000	Oversupply
11/18/23 9:09	0:05	BS250	Data is not available	Data is not available	Oversupply
11/18/23 9:11	0:03	AWE	0.03047	4.60000	Oversupply
11/18/23 9:15	0:01	AWE	0.00385	4.40000	Oversupply
11/18/23 9:16	0:02	BS250	Data is not available	Data is not available	Oversupply
11/18/23 9:17	0:01	AWE	0.00185	5.20000	Oversupply
11/18/23 9:20	0:02	BS250	Data is not available	Data is not available	Oversupply
11/18/23 9:21	0:02	AWE	0.00844	5.40000	Oversupply
11/18/23 9:23	0:04	BS250	Data is not available	Data is not available	Oversupply
11/18/23 9:24	0:01	AWE	0.00285	4.80000	Oversupply
11/18/23 9:26	0:01	AWE	0.01678	5.20000	Oversupply
11/18/23 9:28	0:02	BS250	Data is not available	Data is not available	Oversupply
11/18/23 9:28	0:02	AWE	0.00703	4.40000	Oversupply
11/18/23 9:31	0:03	BS250	Data is not available	Data is not available	Oversupply
11/18/23 9:31	0:02	AWE	0.00220	5.20000	Oversupply
11/18/23 9:35	4:28	BS250	Data is not available	Data is not available	Oversupply
11/18/23 9:38	0:01	AWE	0.00186	7.00000	Oversupply
11/18/23 9:40	3:59	AWE	11.43970	8.70000	Oversupply
11/18/23 10:10	0:01	KWP	0.00215	0.12874	Oversupply
11/18/23 10:14	0:02	KWP	0.00249	0.11576	Oversupply
11/18/23 10:17	0:02	KWP	0.00216	0.10479	Oversupply
11/18/23 10:20	0:02	KWP	0.00970	0.53291	Oversupply
11/18/23 10:23	0:03	KWP	0.00873	0.27444	Oversupply
11/18/23 10:30	0:10	5A	Data is not available	Data is not available	Oversupply
11/18/23 10:34	0:04	KWP	0.01425	0.45407	Oversupply
11/18/23 10:43	0:05	5A	Data is not available	Data is not available	Oversupply
11/18/23 10:43	3:14	KWP	5.00796	2.91104	Oversupply
11/18/23 10:44	0:10	MS	Data is not available	Data is not available	Oversupply
11/18/23 10:47	0:03	KWP	0.00400	0.08000	Oversupply
11/18/23 10:49	1:32	5A	Data is not available	Data is not available	Oversupply
11/18/23 10:51	0:03	KWP	0.00400	0.08000	Oversupply
11/18/23 10:57	0:05	MS	Data is not available	Data is not available	Oversupply
11/18/23 10:58	0:01	KWP	0.00126	0.24000	Oversupply
11/18/23 11:03	1:32	MS	Data is not available	Data is not available	Oversupply
11/18/23 11:04	0:14	KWP	0.02667	0.24000	Oversupply
11/18/23 11:19	0:14	KWP	0.02933	0.24000	Oversupply
11/18/23 11:34	0:14	KWP	0.02667	0.24000	Oversupply
11/18/23 11:51	0:02	KWP	0.00267	0.08000	Oversupply
11/18/23 11:54	0:03	KWP	0.00400	0.08000	Oversupply
11/18/23 11:58	0:02	KWP	0.00267	0.08000	Oversupply
11/18/23 12:01	0:07	KWP	0.01200	0.24000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/18/23 12:09	0:14	KWP	0.02400	0.24000	Oversupply
11/18/23 12:22	0:01	5A	Data is not available	Data is not available	Oversupply
11/18/23 12:25	0:05	KWP	0.00667	0.08000	Oversupply
11/18/23 12:27	0:22	5A	Data is not available	Data is not available	Oversupply
11/18/23 12:33	0:04	KWP	0.00419	0.08000	Oversupply
11/18/23 12:36	0:01	MS	Data is not available	Data is not available	Oversupply
11/18/23 12:41	0:22	MS	Data is not available	Data is not available	Oversupply
11/18/23 12:43	0:02	KWP	0.00232	0.08000	Oversupply
11/18/23 12:55	0:03	5A	Data is not available	Data is not available	Oversupply
11/18/23 12:58	0:01	KWP	0.00133	0.08000	Oversupply
11/18/23 13:09	0:03	MS	Data is not available	Data is not available	Oversupply
11/18/23 13:41	0:01	AWE	0.00519	7.30000	Oversupply
11/18/23 13:44	0:01	AWE	0.00319	7.70000	Oversupply
11/18/23 13:46	0:02	AWE	0.01026	7.90000	Oversupply
11/18/23 13:49	0:01	AWE	0.01365	8.30000	Oversupply
11/18/23 13:59	0:04	KWP	0.08415	3.12959	Oversupply
11/18/23 14:06	0:01	KWP	0.00962	3.02680	Oversupply
11/18/23 14:12	0:02	BS250	Data is not available	Data is not available	Oversupply
11/18/23 14:13	0:01	KWP	0.00416	3.71339	Oversupply
11/18/23 14:18	0:01	17-2	0.00122	0.07300	Oversupply
11/18/23 14:36	0:06	17-2	0.00730	0.07300	Oversupply
11/18/23 14:49	0:01	17-2	0.00073	0.07300	Oversupply
11/18/23 14:55	0:01	17-2	0.00122	0.07300	Oversupply
11/19/23 1:03	0:03	17-2	0.00365	0.07300	Oversupply
11/19/23 1:27	0:42	17-2	0.05110	0.07300	Oversupply
11/19/23 1:29	0:04	KWP	0.09519	9.69514	Oversupply
11/19/23 1:43	0:02	KWP	0.01622	5.41491	Oversupply
11/19/23 1:46	0:19	KWP	0.97080	6.88689	Oversupply
11/19/23 2:06	0:01	KWP	0.00281	6.65237	Oversupply
11/19/23 3:34	0:05	17-2	0.00608	0.07300	Oversupply
11/19/23 3:41	0:03	17-2	0.00365	0.07300	Oversupply
11/19/23 3:55	0:24	17-2	0.02920	0.07300	Oversupply
11/19/23 3:56	0:02	KWP	0.01020	6.67832	Oversupply
11/19/23 3:59	0:05	KWP	0.06234	8.29600	Oversupply
11/19/23 4:21	0:46	17-2	0.05597	0.07300	Oversupply
11/19/23 4:28	0:07	KWP	0.10415	9.95460	Oversupply
11/19/23 4:46	0:03	KWP	0.01416	6.82701	Oversupply
11/19/23 4:51	0:03	KWP	0.01288	6.53162	Oversupply
11/19/23 4:55	0:01	KWP	0.01049	6.70826	Oversupply
11/19/23 4:58	0:07	KWP	0.08109	7.87886	Oversupply
11/19/23 5:09	0:01	17-2	0.00122	0.07300	Oversupply
11/19/23 5:11	0:32	17-2	0.03893	0.07300	Oversupply
11/19/23 5:13	0:22	KWP	1.95156	17.03111	Oversupply
11/19/23 5:44	0:21	17-2	0.02555	0.07300	Oversupply
11/19/23 6:36	0:04	17-2	0.00487	0.07300	Oversupply
11/19/23 6:42	1:04	17-2	0.07787	0.07300	Oversupply
11/19/23 6:42	11:01	SSA3	0.00000	0.02100	Oversupply
11/19/23 6:45	0:39	BS250	Data is not available	Data is not available	Oversupply
11/19/23 6:55	0:11	KWP	0.15132	9.41571	Oversupply
11/19/23 7:10	0:01	KWP	0.00509	8.40378	Oversupply
11/19/23 7:25	0:21	BS250	Data is not available	Data is not available	Oversupply
11/19/23 7:31	0:02	KWP	0.00466	9.96957	Oversupply
11/19/23 7:43	6:40	KWP	37.59725	16.99917	Oversupply
11/19/23 7:46	0:40	AWE	0.41584	1.90000	System Constraint
11/19/23 7:54	0:09	5A	Data is not available	Data is not available	Oversupply
11/19/23 8:07	0:15	BS250	Data is not available	Data is not available	Oversupply
11/19/23 8:07	0:01	5A	Data is not available	Data is not available	Oversupply
11/19/23 8:08	0:09	MS	Data is not available	Data is not available	Oversupply
11/19/23 8:08	0:16	17-2	0.01947	0.07300	Oversupply
11/19/23 8:21	0:01	MS	Data is not available	Data is not available	Oversupply
11/19/23 8:26	6:14	BS250	Data is not available	Data is not available	Oversupply
11/19/23 8:26	6:23	17-2	0.46598	0.07300	Oversupply
11/19/23 8:46	0:01	AWE	0.00118	2.50000	Oversupply
11/19/23 9:00	0:02	AWE	0.01868	2.80000	Oversupply
11/19/23 9:06	0:02	5A	Data is not available	Data is not available	Oversupply
11/19/23 9:09	0:02	AWE	0.02136	2.50000	Oversupply
11/19/23 9:11	0:02	5A	Data is not available	Data is not available	Oversupply
11/19/23 9:16	0:01	AWE	0.01218	3.10000	Oversupply
11/19/23 9:19	0:10	AWE	0.15377	2.80000	Oversupply
11/19/23 9:20	0:02	MS	Data is not available	Data is not available	Oversupply
11/19/23 9:25	0:02	MS	Data is not available	Data is not available	Oversupply
11/19/23 9:25	0:02	KWP	0.00836	12.40000	Oversupply
11/19/23 9:25	0:05	5A	Data is not available	Data is not available	Oversupply
11/19/23 9:32	0:06	5A	Data is not available	Data is not available	Oversupply
11/19/23 9:33	0:35	AWE	0.54141	2.60000	Oversupply
11/19/23 9:39	0:05	MS	Data is not available	Data is not available	Oversupply
11/19/23 9:39	0:05	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
11/19/23 9:45	0:04	5A	Data is not available	Data is not available	Oversupply
11/19/23 9:46	0:06	MS	Data is not available	Data is not available	Oversupply
11/19/23 9:48	0:01	KWP	0.00267	12.24000	Oversupply
11/19/23 9:50	0:01	KWP	0.00267	10.00000	Oversupply
11/19/23 9:51	0:02	5A	Data is not available	Data is not available	Oversupply
11/19/23 9:53	0:05	MS	Data is not available	Data is not available	Oversupply
11/19/23 9:55	0:02	5A	Data is not available	Data is not available	Oversupply
11/19/23 9:59	0:04	MS	Data is not available	Data is not available	Oversupply
11/19/23 9:59	0:04	5A	Data is not available	Data is not available	Oversupply
11/19/23 10:04	0:23	5A	Data is not available	Data is not available	Oversupply
11/19/23 10:05	0:02	MS	Data is not available	Data is not available	Oversupply
11/19/23 10:09	0:02	MS	Data is not available	Data is not available	Oversupply
11/19/23 10:09	0:03	AWE	0.05525	1.50000	Oversupply
11/19/23 10:10	0:01	KWP	0.00533	8.72000	Oversupply
11/19/23 10:13	0:04	MS	Data is not available	Data is not available	Oversupply
11/19/23 10:13	0:35	AWE	0.35005	1.10000	Oversupply
11/19/23 10:18	0:23	MS	Data is not available	Data is not available	Oversupply
11/19/23 10:20	0:01	KWP	0.00267	8.40000	Oversupply
11/19/23 10:28	0:01	5A	Data is not available	Data is not available	Oversupply
11/19/23 10:30	0:02	5A	Data is not available	Data is not available	Oversupply
11/19/23 10:33	0:01	5A	Data is not available	Data is not available	Oversupply
11/19/23 10:37	2:28	5A	Data is not available	Data is not available	Oversupply
11/19/23 10:41	0:01	KWP	0.00267	1.36000	Oversupply
11/19/23 10:42	0:01	MS	Data is not available	Data is not available	Oversupply
11/19/23 10:44	0:02	MS	Data is not available	Data is not available	Oversupply
11/19/23 10:46	0:01	KWP	0.00267	1.04000	Oversupply
11/19/23 10:47	0:01	MS	Data is not available	Data is not available	Oversupply
11/19/23 10:51	2:28	MS	Data is not available	Data is not available	Oversupply
11/19/23 10:52	1:04	AWE	0.45868	2.40000	Oversupply
11/19/23 10:55	0:01	KWP	0.00133	0.08000	Oversupply
11/19/23 11:57	0:39	AWE	0.22333	0.60000	Oversupply
11/19/23 12:37	0:07	AWE	0.03500	0.50000	Oversupply
11/19/23 12:47	0:12	AWE	0.04333	0.40000	Oversupply
11/19/23 13:03	0:01	AWE	0.00167	0.10000	Oversupply
11/19/23 13:06	0:05	5A	Data is not available	Data is not available	Oversupply
11/19/23 13:10	0:05	AWE	0.01500	0.30000	Oversupply
11/19/23 13:19	0:07	AWE	0.01314	0.20000	Oversupply
11/19/23 13:20	0:05	MS	Data is not available	Data is not available	Oversupply
11/19/23 13:24	0:05	5A	Data is not available	Data is not available	Oversupply
11/19/23 13:30	0:01	5A	Data is not available	Data is not available	Oversupply
11/19/23 13:32	0:02	5A	Data is not available	Data is not available	Oversupply
11/19/23 13:35	0:02	5A	Data is not available	Data is not available	Oversupply
11/19/23 13:38	0:05	MS	Data is not available	Data is not available	Oversupply
11/19/23 13:38	0:01	5A	Data is not available	Data is not available	Oversupply
11/19/23 13:39	0:01	AWE	0.00167	0.10000	Oversupply
11/19/23 13:41	0:03	AWE	0.00833	0.30000	Oversupply
11/19/23 13:41	0:02	5A	Data is not available	Data is not available	Oversupply
11/19/23 13:44	0:01	MS	Data is not available	Data is not available	Oversupply
11/19/23 13:46	0:02	MS	Data is not available	Data is not available	Oversupply
11/19/23 13:47	0:01	KWP	0.00267	4.56000	Oversupply
11/19/23 13:49	0:02	MS	Data is not available	Data is not available	Oversupply
11/19/23 13:49	0:01	AWE	0.00167	0.10000	Oversupply
11/19/23 13:51	0:02	AWE	0.00222	0.10000	Oversupply
11/19/23 13:52	0:01	MS	Data is not available	Data is not available	Oversupply
11/19/23 13:54	0:03	AWE	0.00366	0.30000	Oversupply
11/19/23 13:55	0:02	MS	Data is not available	Data is not available	Oversupply
11/19/23 13:57	0:01	KWP	0.00114	5.36000	Oversupply
11/19/23 13:58	0:01	AWE	0.00273	0.30000	Oversupply
11/19/23 14:29	0:02	KWP	0.03359	9.62129	Oversupply
11/19/23 14:32	0:02	KWP	0.01347	9.65721	Oversupply
11/19/23 14:35	0:01	KWP	0.00229	9.43567	Oversupply
11/19/23 14:41	0:01	BS250	Data is not available	Data is not available	Oversupply
11/19/23 14:50	0:12	17-2	0.01460	0.07300	Oversupply
11/19/23 14:53	0:01	BS250	Data is not available	Data is not available	Oversupply
11/19/23 15:03	0:06	17-2	0.00730	0.07300	Oversupply
11/19/23 15:11	0:01	17-2	0.00122	0.07300	Oversupply
11/20/23 6:38	3:06	SSA3	-0.12451	0.02100	Oversupply
11/20/23 7:10	0:01	AWE	0.00167	0.10000	Oversupply
11/20/23 9:41	0:07	17-2	0.00852	0.07300	Oversupply
11/20/23 9:46	0:02	SSA3	0.00000	0.02100	Oversupply
11/20/23 9:51	0:03	17-2	0.00365	0.07300	Oversupply
11/20/23 9:55	0:02	17-2	0.00243	0.07300	Oversupply
11/20/23 9:58	0:01	17-2	0.00122	0.07300	Oversupply
11/20/23 10:05	0:04	5A	Data is not available	Data is not available	Oversupply
11/20/23 10:10	0:02	5A	Data is not available	Data is not available	Oversupply
11/20/23 10:13	0:30	17-2	0.03650	0.07300	Oversupply
11/20/23 10:14	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
11/20/23 10:17	0:17	BS250	Data is not available	Data is not available	Oversupply
11/20/23 10:19	0:04	MS	Data is not available	Data is not available	Oversupply
11/20/23 10:19	0:03	KWPPII	0.00466	0.97201	Oversupply
11/20/23 10:19	0:10	AWE	0.07299	0.80000	Oversupply
11/20/23 10:20	0:04	KWP	0.00472	0.08000	Oversupply
11/20/23 10:24	0:02	MS	Data is not available	Data is not available	Oversupply
11/20/23 10:24	0:06	KWPPII	0.03099	1.34125	Oversupply
11/20/23 10:28	0:01	MS	Data is not available	Data is not available	Oversupply
11/20/23 10:31	0:02	KWPPII	0.00313	0.88718	Oversupply
11/20/23 10:36	0:02	BS250	Data is not available	Data is not available	Oversupply
11/20/23 10:36	0:04	KWPPII	0.02583	1.97595	Oversupply
11/20/23 16:20	14:09	KWPPII	167.48258	21.10775	System Constraint
11/20/23 19:57	0:03	17-2	0.00365	0.07300	Oversupply
11/20/23 20:01	0:13	17-2	0.01582	0.07300	Oversupply
11/20/23 20:15	0:01	17-2	0.00122	0.07300	Oversupply
11/20/23 20:19	0:02	17-2	0.00243	0.07300	Oversupply
11/20/23 20:22	0:16	17-2	0.01947	0.07300	Oversupply
11/20/23 20:39	0:01	17-2	0.00122	0.07300	Oversupply
11/20/23 20:41	0:01	17-2	0.00122	0.07300	Oversupply
11/20/23 20:45	0:14	17-2	0.01703	0.07300	Oversupply
11/20/23 22:12	0:01	17-2	0.00122	0.07300	Oversupply
11/20/23 22:16	0:01	17-2	0.00122	0.07300	Oversupply
11/20/23 22:20	0:02	17-2	0.00200	0.07300	Oversupply
11/20/23 22:23	7:42	17-2	0.56210	0.07300	Oversupply
11/21/23 0:22	0:01	AWE	0.00333	0.20000	Oversupply
11/21/23 1:10	0:05	AWE	0.03041	1.30000	Oversupply
11/21/23 1:17	0:07	AWE	0.05289	1.30000	Oversupply
11/21/23 1:27	0:03	AWE	0.01937	1.10000	Oversupply
11/21/23 3:59	0:20	AWE	0.56463	7.90000	Oversupply
11/21/23 4:20	0:02	AWE	0.00044	9.10000	Oversupply
11/21/23 4:24	0:01	AWE	0.00586	9.10000	Oversupply
11/21/23 4:49	0:17	AWE	0.51291	9.10000	Oversupply
11/21/23 5:08	0:01	AWE	0.00170	9.10000	Oversupply
11/21/23 5:11	0:01	AWE	0.00312	11.70000	Oversupply
11/21/23 5:14	0:01	AWE	0.00475	10.60000	Oversupply
11/21/23 6:11	0:01	17-2	0.00083	0.07300	Oversupply
11/21/23 6:30	0:04	KWPPII	0.09927	15.45134	Oversupply
11/21/23 6:36	0:23	KWPPII	0.84038	16.92432	Oversupply
11/21/23 7:24	0:04	BS250	Data is not available	Data is not available	Oversupply
11/21/23 7:24	0:06	17-2	0.00730	0.07300	Oversupply
11/21/23 7:25	0:01	KWPPII	0.00041	11.74593	Oversupply
11/21/23 7:28	0:01	KWPPII	0.00651	12.17505	Oversupply
11/21/23 7:30	0:03	KWPPII	0.03610	14.26777	Oversupply
11/21/23 7:33	0:02	SSA3	0.00540	0.13000	Oversupply
11/21/23 7:34	0:28	BS250	Data is not available	Data is not available	Oversupply
11/21/23 7:35	0:06	KWPPII	0.08503	13.31971	Oversupply
11/21/23 7:35	0:29	17-2	0.03528	0.07300	Oversupply
11/21/23 7:35	0:26	SSA3	0.07601	0.00900	Oversupply
11/21/23 7:44	0:01	KWPPII	0.00913	12.66505	Oversupply
11/21/23 7:49	3:31	KWPPII	16.31997	17.15984	Oversupply
11/21/23 8:02	0:02	SSA3	0.00777	0.01300	Oversupply
11/21/23 8:06	6:13	17-2	0.45382	0.07300	Oversupply
11/21/23 8:08	5:48	BS250	Data is not available	Data is not available	Oversupply
11/21/23 8:08	5:49	SSA3	3.76767	0.02200	Oversupply
11/21/23 8:34	0:01	AWE	0.00273	17.20000	Oversupply
11/21/23 8:40	0:01	AWE	0.00972	14.90000	Oversupply
11/21/23 8:42	0:08	AWE	0.16537	15.50000	Oversupply
11/21/23 8:56	0:01	AWE	0.00691	15.30000	Oversupply
11/21/23 8:59	0:01	AWE	0.00207	15.50000	Oversupply
11/21/23 9:02	0:01	AWE	0.00057	15.50000	Oversupply
11/21/23 9:07	0:01	AWE	0.00091	15.60000	Oversupply
11/21/23 9:57	0:02	AWE	0.00899	16.60000	Oversupply
11/21/23 10:00	0:32	AWE	1.18733	16.40000	Oversupply
11/21/23 10:33	0:19	AWE	0.83728	14.20000	Oversupply
11/21/23 10:54	0:26	AWE	1.26383	17.00000	Oversupply
11/21/23 11:22	0:02	AWE	0.01046	15.40000	Oversupply
11/21/23 11:23	0:01	KWPPII	0.00065	0.03892	Oversupply
11/21/23 11:25	0:01	AWE	0.00422	15.80000	Oversupply
11/21/23 11:25	0:01	KWPPII	0.00188	0.11277	Oversupply
11/21/23 11:33	0:02	KWPPII	0.01725	0.80435	Oversupply
11/21/23 11:34	0:01	AWE	0.00102	16.00000	Oversupply
11/21/23 11:41	0:24	KWPPII	0.13138	1.02989	Oversupply
11/21/23 11:41	0:43	AWE	2.61928	16.40000	Oversupply
11/21/23 12:28	0:02	AWE	0.03672	14.80000	Oversupply
11/21/23 12:34	0:01	AWE	0.00172	14.90000	Oversupply
11/21/23 12:40	0:02	AWE	0.04106	15.50000	Oversupply
11/21/23 12:46	0:02	AWE	0.01241	15.90000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/21/23 13:03	0:01	KWPPII	0.00015	0.00898	Oversupply
11/21/23 13:14	0:12	KWPPII	0.33524	9.14626	Oversupply
11/21/23 13:27	0:01	KWPPII	0.00478	9.04547	Oversupply
11/21/23 13:31	0:01	KWPPII	0.00115	8.13932	Oversupply
11/21/23 13:59	0:01	BS250	Data is not available	Data is not available	Oversupply
11/21/23 13:59	0:10	SSA3	0.09130	0.79900	Oversupply
11/21/23 14:01	0:11	BS250	Data is not available	Data is not available	Oversupply
11/21/23 14:09	0:02	SSA3	0.01822	0.04700	Oversupply
11/21/23 14:11	0:02	SSA3	0.01837	0.06500	Oversupply
11/21/23 14:13	0:02	SSA3	0.01663	0.54100	Oversupply
11/21/23 14:28	1:11	17-2	0.08638	0.07300	Oversupply
11/21/23 14:29	0:25	BS250	Data is not available	Data is not available	Oversupply
11/21/23 14:29	1:00	SSA3	0.54522	0.54200	Oversupply
11/21/23 14:33	0:06	KWPPII	0.06111	8.52553	Oversupply
11/21/23 14:40	0:07	KWPPII	0.10890	10.68710	Oversupply
11/21/23 14:49	0:01	KWPPII	0.00682	11.81679	Oversupply
11/21/23 14:55	0:03	BS250	Data is not available	Data is not available	Oversupply
11/21/23 15:01	0:09	BS250	Data is not available	Data is not available	Oversupply
11/21/23 15:04	0:04	KWPPII	0.03370	12.59619	Oversupply
11/21/23 15:11	0:01	BS250	Data is not available	Data is not available	Oversupply
11/21/23 15:14	0:14	BS250	Data is not available	Data is not available	Oversupply
11/21/23 15:20	0:07	KWPPII	0.19081	11.51042	Oversupply
11/21/23 15:29	0:02	SSA3	0.00663	0.32300	Oversupply
11/21/23 15:30	0:01	BS250	Data is not available	Data is not available	Oversupply
11/21/23 15:32	0:04	BS250	Data is not available	Data is not available	Oversupply
11/21/23 15:33	0:02	SSA3	0.00360	0.00900	Oversupply
11/21/23 15:41	0:01	17-2	0.00122	0.07300	Oversupply
11/21/23 19:37	0:01	KWPPII	0.00889	13.53327	Oversupply
11/21/23 20:01	0:01	KWPPII	0.00447	13.39555	Oversupply
11/21/23 20:08	0:02	KWPPII	0.01436	13.81170	Oversupply
11/21/23 23:22	0:02	17-2	0.00243	0.07300	Oversupply
11/22/23 1:36	0:01	KWPPII	0.00003	0.00200	Oversupply
11/22/23 9:32	0:01	BS250	Data is not available	Data is not available	Oversupply
11/22/23 9:32	0:26	17-2	0.26900	0.75000	Oversupply
11/22/23 9:32	0:02	SSA3	0.01699	0.35500	Oversupply
11/22/23 9:34	0:18	BS250	Data is not available	Data is not available	Oversupply
11/22/23 9:35	0:02	KWPPII	0.02058	4.76224	Oversupply
11/22/23 9:35	0:02	SSA3	0.01685	0.01000	Oversupply
11/22/23 9:37	0:02	SSA3	0.01685	0.10300	Oversupply
11/22/23 9:38	0:08	KWPPII	0.11071	5.02770	Oversupply
11/22/23 9:39	0:14	SSA3	0.08981	0.01800	Oversupply
11/22/23 9:47	0:06	KWPPII	0.10615	3.35513	Oversupply
11/22/23 9:55	0:02	SSA3	0.00991	0.70000	Oversupply
11/22/23 10:00	0:01	17-2	0.00323	0.74200	Oversupply
11/22/23 10:04	0:01	17-2	0.00566	0.74200	Oversupply
11/22/23 11:03	0:01	KWPPII	0.00096	0.05788	Oversupply
11/22/23 12:26	0:06	17-2	0.05350	0.75000	Oversupply
11/22/23 12:26	0:02	SSA3	-0.00232	0.91900	Oversupply
11/22/23 12:33	0:01	17-2	0.00499	0.75000	Oversupply
11/22/23 12:35	0:01	17-2	0.00407	0.75000	Oversupply
11/22/23 12:43	0:01	17-2	0.00062	0.75000	Oversupply
11/22/23 12:49	0:02	17-2	0.00577	0.75000	Oversupply
11/22/23 12:52	0:05	17-2	0.01128	0.19200	Oversupply
11/22/23 12:58	0:02	17-2	0.00378	0.11900	Oversupply
11/22/23 13:08	0:03	17-2	0.00657	0.15600	Oversupply
11/22/23 13:12	0:01	17-2	0.00192	0.12000	Oversupply
11/22/23 13:16	0:01	17-2	0.00192	0.12000	Oversupply
11/22/23 23:35	0:01	AWE	0.00371	19.70000	Oversupply
11/22/23 23:39	0:01	AWE	0.01193	20.30000	Oversupply
11/22/23 23:42	0:01	AWE	0.00115	18.50000	Oversupply
11/22/23 23:44	0:02	AWE	0.00673	18.50000	Oversupply
11/22/23 23:47	0:45	AWE	2.51707	20.50000	Oversupply
11/23/23 2:50	0:01	AWE	0.00288	20.60000	Oversupply
11/23/23 3:30	0:01	AWE	0.00430	20.90000	Oversupply
11/23/23 3:36	0:02	AWE	0.00879	21.00000	Oversupply
11/23/23 3:41	0:01	AWE	0.00411	20.40000	Oversupply
11/23/23 3:43	0:01	AWE	0.00358	20.80000	Oversupply
11/23/23 3:54	0:01	AWE	0.00174	21.00000	Oversupply
11/23/23 16:36	0:01	KWPPII	0.00691	13.41451	Oversupply
11/23/23 16:39	0:11	KWPPII	0.29547	16.04113	Oversupply
11/23/23 16:51	0:01	KWPPII	0.01256	13.75382	Oversupply
11/23/23 16:53	0:11	KWPPII	0.28396	15.71580	Oversupply
11/23/23 17:06	0:04	KWPPII	0.14769	15.86549	Oversupply
11/23/23 17:11	0:08	KWPPII	0.24467	15.98724	Oversupply
11/23/23 17:29	0:03	KWPPII	0.02453	14.40149	Oversupply
11/23/23 17:35	0:03	KWPPII	0.01067	13.59016	Oversupply
11/23/23 18:54	1:49	KWPPII	8.33886	21.05187	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/23/23 21:15	0:01	KWPPI	0.00070	13.04228	Oversupply
11/23/23 21:43	0:01	KWPPI	0.00934	13.56022	Oversupply
11/24/23 8:13	0:05	BS250	Data is not available	Data is not available	Oversupply
11/24/23 12:51	0:15	BS250	Data is not available	Data is not available	Oversupply
11/24/23 12:51	0:13	KWPPI	0.13459	3.22539	Oversupply
11/24/23 13:05	0:38	KWPPI	0.93491	3.80121	Oversupply
11/24/23 13:07	0:35	BS250	Data is not available	Data is not available	Oversupply
11/24/23 13:13	0:10	AWE	0.26070	21.00000	Oversupply
11/24/23 13:24	0:01	AWE	0.00260	19.40000	Oversupply
11/24/23 13:43	0:01	BS250	Data is not available	Data is not available	Oversupply
11/24/23 13:44	0:01	KWPPI	0.00016	1.76139	Oversupply
11/24/23 13:47	0:01	BS250	Data is not available	Data is not available	Oversupply
11/24/23 13:57	0:02	SSA3	0.00000	0.00000	Oversupply
11/25/23 4:16	0:01	AWE	0.00007	19.90000	Oversupply
11/25/23 9:58	0:05	BS250	Data is not available	Data is not available	Oversupply
11/25/23 9:58	0:01	KWPPI	0.00118	0.07085	Oversupply
11/25/23 9:58	0:05	AWE	0.05214	17.10000	Oversupply
11/25/23 10:08	0:01	BS250	Data is not available	Data is not available	Oversupply
11/25/23 10:08	0:01	AWE	0.00436	16.40000	Oversupply
11/25/23 10:10	0:01	BS250	Data is not available	Data is not available	Oversupply
11/25/23 10:11	0:02	SSA3	0.00000	0.00000	Oversupply
11/25/23 10:15	0:02	SSA3	0.00000	0.00000	Oversupply
11/25/23 10:21	0:02	SSA3	0.00000	0.00000	Oversupply
11/25/23 10:32	0:01	AWE	0.00143	19.10000	Oversupply
11/25/23 10:33	0:02	BS250	Data is not available	Data is not available	Oversupply
11/25/23 10:36	0:01	BS250	Data is not available	Data is not available	Oversupply
11/25/23 10:36	0:02	AWE	0.01323	19.30000	Oversupply
11/25/23 10:38	3:13	BS250	Data is not available	Data is not available	Oversupply
11/25/23 10:40	0:10	AWE	0.10482	19.90000	Oversupply
11/25/23 10:51	2:46	AWE	7.90591	20.90000	Oversupply
11/25/23 11:21	0:03	KWPPI	0.01134	0.57382	Oversupply
11/25/23 12:32	0:02	KWPPI	0.00220	0.06587	Oversupply
11/25/23 12:38	0:12	KWPPI	0.03892	0.49898	Oversupply
11/25/23 12:51	0:01	KWPPI	0.00048	0.02894	Oversupply
11/25/23 12:53	0:01	KWPPI	0.00052	0.03094	Oversupply
11/25/23 12:55	0:01	KWPPI	0.00339	0.20358	Oversupply
11/25/23 12:58	0:05	KWPPI	0.00472	0.12774	Oversupply
11/25/23 13:18	0:01	KWPPI	0.00180	0.10778	Oversupply
11/25/23 13:20	0:03	KWPPI	0.00311	0.10678	Oversupply
11/25/23 13:24	0:02	KWPPI	0.00186	0.09481	Oversupply
11/25/23 13:29	0:12	KWPPI	0.04820	0.47403	Oversupply
11/25/23 13:39	0:07	AWE	0.08464	20.80000	Oversupply
11/25/23 13:42	0:01	KWPPI	0.00170	0.34829	Oversupply
11/25/23 13:44	0:01	KWPPI	0.00150	0.33631	Oversupply
11/25/23 13:47	0:05	KWPPI	0.00947	0.20857	Oversupply
11/25/23 13:48	0:01	AWE	0.00823	20.40000	Oversupply
11/25/23 13:50	0:02	AWE	0.00933	21.00000	Oversupply
11/25/23 14:45	0:01	KWPPI	0.00020	0.01198	Oversupply
11/26/23 0:43	2:38	KWPPI	14.66746	17.00017	Oversupply
11/26/23 1:05	0:03	AWE	0.03510	21.00000	Oversupply
11/26/23 1:09	0:04	AWE	0.04225	21.00000	Oversupply
11/26/23 3:24	7:45	KWPPI	50.97793	20.02098	Oversupply
11/26/23 8:02	0:01	BS250	Data is not available	Data is not available	Oversupply
11/26/23 8:27	0:31	BS250	Data is not available	Data is not available	Oversupply
11/26/23 8:57	0:02	SSA3	0.00000	0.00000	Oversupply
11/26/23 9:05	0:02	SSA3	0.00000	0.00000	Oversupply
11/26/23 9:12	2:31	BS250	Data is not available	Data is not available	Oversupply
11/26/23 9:42	0:03	AWE	0.01732	16.40000	Oversupply
11/26/23 9:46	0:28	AWE	1.98956	21.00000	Oversupply
11/26/23 10:17	0:01	AWE	0.00017	20.30000	Oversupply
11/26/23 10:23	0:02	AWE	0.02581	21.00000	Oversupply
11/26/23 10:26	0:01	AWE	0.00357	21.00000	Oversupply
11/26/23 11:10	0:06	KWPPI	0.08393	11.75192	Oversupply
11/26/23 11:18	0:10	KWPPI	0.16036	13.56521	Oversupply
11/26/23 11:30	0:10	KWPPI	0.25161	12.68102	Oversupply
11/26/23 11:35	2:06	17-2	0.93675	0.75000	Oversupply
11/26/23 11:44	1:18	BS250	Data is not available	Data is not available	Oversupply
11/26/23 11:45	1:54	KWPPI	7.41683	17.21273	Oversupply
11/26/23 13:03	0:04	BS250	Data is not available	Data is not available	Oversupply
11/26/23 13:08	0:07	BS250	Data is not available	Data is not available	Oversupply
11/26/23 13:19	0:02	BS250	Data is not available	Data is not available	Oversupply
11/26/23 13:24	0:15	BS250	Data is not available	Data is not available	Oversupply
11/26/23 13:40	0:04	KWPPI	0.10056	15.18489	Oversupply
11/26/23 13:54	0:05	BS250	Data is not available	Data is not available	Oversupply
11/26/23 13:54	0:06	17-2	0.04068	0.75000	Oversupply
11/26/23 14:04	0:39	17-2	0.21481	0.75000	Oversupply
11/26/23 14:05	0:17	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
11/26/23 14:07	1:06	KWP	4.35545	18.41228	Oversupply
11/26/23 14:23	0:15	BS250	Data is not available	Data is not available	Oversupply
11/26/23 14:40	0:02	BS250	Data is not available	Data is not available	Oversupply
11/26/23 14:44	0:05	17-2	0.02517	0.75000	Oversupply
11/26/23 15:14	0:36	KWP	2.14490	20.77743	Oversupply
11/26/23 15:25	0:17	17-2	0.06535	0.54300	Oversupply
11/26/23 15:30	0:09	BS250	Data is not available	Data is not available	Oversupply
11/26/23 15:39	0:02	SSA3	0.00000	0.00000	Oversupply
11/26/23 15:54	0:02	17-2	0.00444	0.33300	Oversupply
11/26/23 16:02	0:09	17-2	0.02967	0.56700	Oversupply
11/26/23 16:09	0:56	KWP	4.81175	20.39521	Oversupply
11/26/23 16:13	0:01	17-2	0.00480	0.28800	Oversupply
11/26/23 16:33	0:01	17-2	0.00084	0.47100	Oversupply
11/26/23 19:28	0:13	17-2	0.00131	0.02400	Oversupply
11/26/23 19:46	0:02	KWP	0.01963	13.81270	Oversupply
11/26/23 19:46	0:03	17-2	0.00030	0.02400	Oversupply
11/26/23 19:50	6:16	KWP	120.55186	21.10476	Oversupply
11/26/23 19:51	6:15	17-2	0.03773	0.02400	Oversupply
11/26/23 20:22	0:09	AWE	0.29659	19.80000	Oversupply
11/26/23 20:32	0:11	AWE	0.25689	18.40000	Oversupply
11/26/23 20:44	0:01	AWE	0.00162	14.40000	Oversupply
11/26/23 20:46	1:50	AWE	11.34622	20.90000	Oversupply
11/26/23 22:56	1:35	AWE	15.11371	21.00000	Oversupply
11/27/23 0:33	0:02	AWE	0.04326	15.20000	Oversupply
11/27/23 0:43	0:03	AWE	0.00891	14.40000	Oversupply
11/27/23 0:47	1:10	AWE	11.31806	21.00000	Oversupply
11/27/23 1:58	0:01	AWE	0.00405	13.30000	Oversupply
11/27/23 2:08	3:30	KWP	53.74336	21.07582	Oversupply
11/27/23 2:08	3:30	17-2	0.02113	0.02400	Oversupply
11/27/23 2:15	3:03	AWE	34.08491	21.00000	Oversupply
11/27/23 2:49	0:01	KWP	0.00533	25.52000	Oversupply
11/27/23 2:58	0:01	KWP	0.00122	24.56000	Oversupply
11/27/23 3:10	0:01	KWP	0.00137	24.56000	Oversupply
11/27/23 5:39	3:03	KWP	29.68508	21.05885	Oversupply
11/27/23 5:39	3:03	17-2	0.01841	0.02400	Oversupply
11/27/23 5:49	0:01	AWE	0.00854	12.90000	Oversupply
11/27/23 6:17	2:25	BS250	Data is not available	Data is not available	Oversupply
11/27/23 8:43	0:02	17-2	0.00020	0.02400	Oversupply
11/27/23 8:44	0:01	BS250	Data is not available	Data is not available	Oversupply
11/27/23 8:46	0:08	KWP	0.14431	17.08300	Oversupply
11/27/23 9:56	0:02	17-2	0.00020	0.02400	Oversupply
11/27/23 9:59	0:01	BS250	Data is not available	Data is not available	Oversupply
11/27/23 9:59	0:01	17-2	0.00010	0.02400	Oversupply
11/27/23 10:01	1:55	17-2	0.01157	0.02400	Oversupply
11/27/23 10:03	1:51	BS250	Data is not available	Data is not available	Oversupply
11/27/23 10:03	1:12	AWE	9.16094	19.30000	Oversupply
11/27/23 10:05	0:01	KWP	0.00115	0.06886	Oversupply
11/27/23 10:05	0:02	5A	Data is not available	Data is not available	Oversupply
11/27/23 10:15	0:02	KWP	0.00890	0.38721	Oversupply
11/27/23 10:15	1:39	SSA3	0.95670	0.00000	Oversupply
11/27/23 10:19	0:01	KWP	0.00220	0.13173	Oversupply
11/27/23 10:20	0:02	MS	Data is not available	Data is not available	Oversupply
11/27/23 10:21	0:02	KWP	0.00528	0.24000	Oversupply
11/27/23 10:27	1:26	KWP	5.20117	8.50058	Oversupply
11/27/23 10:35	0:05	5A	Data is not available	Data is not available	Oversupply
11/27/23 10:45	0:01	5A	Data is not available	Data is not available	Oversupply
11/27/23 10:50	0:05	MS	Data is not available	Data is not available	Oversupply
11/27/23 11:00	0:01	MS	Data is not available	Data is not available	Oversupply
11/27/23 11:46	0:05	AWE	0.11417	20.00000	Oversupply
11/27/23 12:19	0:01	BS250	Data is not available	Data is not available	Oversupply
11/27/23 12:19	0:04	17-2	0.00040	0.02400	Oversupply
11/27/23 12:57	0:01	17-2	0.00010	0.02400	Oversupply
11/28/23 0:11	0:05	AWE	0.09907	18.20000	Oversupply
11/28/23 1:47	0:01	AWE	0.00461	15.40000	Oversupply
11/28/23 1:49	0:02	AWE	0.00959	15.40000	Oversupply
11/28/23 2:15	0:01	AWE	0.00012	14.40000	Oversupply
11/28/23 9:15	0:04	17-2	0.01620	0.54400	Oversupply
11/28/23 9:21	0:02	17-2	0.01359	0.70900	Oversupply
11/28/23 11:18	1:24	17-2	0.51404	0.75000	Oversupply
11/28/23 11:23	0:02	SSA3	0.00473	0.50300	Oversupply
11/28/23 11:27	0:02	SSA3	0.00462	0.74900	Oversupply
11/28/23 11:28	0:01	BS250	Data is not available	Data is not available	Oversupply
11/28/23 11:29	0:02	SSA3	0.00885	0.45000	Oversupply
11/28/23 11:30	0:01	BS250	Data is not available	Data is not available	Oversupply
11/28/23 11:30	0:01	KWP	0.00241	1.69952	Oversupply
11/28/23 11:33	0:02	SSA3	0.01168	0.85100	Oversupply
11/28/23 11:35	0:01	BS250	Data is not available	Data is not available	Oversupply





Maui Curtailment Report

November 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/28/23 11:35	0:02	SSA3	0.01168	0.70800	Oversupply
11/28/23 11:39	0:08	BS250	Data is not available	Data is not available	Oversupply
11/28/23 11:39	0:24	SSA3	0.29148	0.35800	Oversupply
11/28/23 11:40	0:58	KWP11	1.55657	3.71239	Oversupply
11/28/23 11:45	0:02	AWE	0.00452	8.00000	Oversupply
11/28/23 11:48	0:14	BS250	Data is not available	Data is not available	Oversupply
11/28/23 11:49	0:06	AWE	0.04167	8.60000	Oversupply
11/28/23 11:56	0:06	AWE	0.07752	6.10000	Oversupply
11/28/23 12:03	0:35	BS250	Data is not available	Data is not available	Oversupply
11/28/23 12:03	0:34	SSA3	0.43438	0.01600	Oversupply
11/28/23 12:05	0:01	AWE	0.00089	5.70000	Oversupply
11/28/23 12:08	0:01	AWE	0.00053	7.30000	Oversupply
11/28/23 12:11	0:01	AWE	0.00014	7.10000	Oversupply
11/28/23 12:13	0:01	AWE	0.00286	8.10000	Oversupply
11/28/23 12:16	0:01	AWE	0.00570	8.70000	Oversupply
11/28/23 12:24	0:01	AWE	0.00303	9.40000	Oversupply
11/28/23 12:26	0:01	AWE	0.00320	9.80000	Oversupply
11/28/23 12:29	0:01	AWE	0.00370	10.30000	Oversupply
11/28/23 12:37	0:02	SSA3	0.01411	0.28700	Oversupply
11/28/23 12:43	1:15	17-2	0.84521	0.75000	Oversupply
11/28/23 12:49	0:02	SSA3	0.00896	0.90700	Oversupply
11/28/23 12:51	0:01	KWP11	0.00260	4.36506	Oversupply
11/28/23 12:54	0:02	SSA3	0.00888	0.92300	Oversupply
11/28/23 12:56	0:05	BS250	Data is not available	Data is not available	Oversupply
11/28/23 12:56	0:06	KWP11	0.04798	5.20434	Oversupply
11/28/23 12:56	0:02	SSA3	0.00888	0.65500	Oversupply
11/28/23 12:58	0:18	SSA3	0.23670	0.00900	Oversupply
11/28/23 13:02	0:14	BS250	Data is not available	Data is not available	Oversupply
11/28/23 13:03	0:15	KWP11	0.49227	4.77122	Oversupply
11/28/23 13:08	0:01	AWE	0.00098	8.20000	Oversupply
11/28/23 13:16	0:02	SSA3	0.01423	0.11600	Oversupply
11/28/23 13:17	0:01	BS250	Data is not available	Data is not available	Oversupply
11/28/23 13:19	0:01	KWP11	0.01269	4.17345	Oversupply
11/28/23 13:20	0:02	SSA3	0.01423	0.25900	Oversupply
11/28/23 13:22	0:02	BS250	Data is not available	Data is not available	Oversupply
11/28/23 13:22	0:01	KWP11	0.01819	5.29515	Oversupply
11/28/23 13:24	0:02	SSA3	0.01423	0.25600	Oversupply
11/28/23 13:25	0:01	BS250	Data is not available	Data is not available	Oversupply
11/28/23 13:26	0:01	KWP11	0.00105	3.87207	Oversupply
11/28/23 13:26	0:04	SSA3	0.02740	0.35700	Oversupply
11/28/23 13:27	0:01	BS250	Data is not available	Data is not available	Oversupply
11/28/23 13:28	0:01	KWP11	0.01102	4.74029	Oversupply
11/28/23 13:30	0:03	BS250	Data is not available	Data is not available	Oversupply
11/28/23 13:30	0:02	SSA3	0.00764	0.00400	Oversupply
11/28/23 13:31	0:02	KWP11	0.01823	4.53072	Oversupply
11/28/23 13:32	0:02	SSA3	0.00764	0.05900	Oversupply
11/28/23 13:34	0:01	BS250	Data is not available	Data is not available	Oversupply
11/28/23 13:34	0:02	SSA3	0.00745	0.06100	Oversupply
11/28/23 13:36	0:02	BS250	Data is not available	Data is not available	Oversupply
11/28/23 13:36	0:02	SSA3	0.00757	0.37900	Oversupply
11/28/23 13:37	0:01	KWP11	0.00964	4.21137	Oversupply
11/28/23 13:38	0:02	SSA3	0.00745	0.58400	Oversupply
11/28/23 13:42	0:02	BS250	Data is not available	Data is not available	Oversupply
11/28/23 13:44	0:01	KWP11	0.00193	4.95485	Oversupply
11/28/23 13:44	0:02	SSA3	0.00745	0.72000	Oversupply
11/28/23 13:45	0:01	BS250	Data is not available	Data is not available	Oversupply
11/28/23 13:46	0:02	SSA3	0.01346	0.88500	Oversupply
11/28/23 13:47	0:01	BS250	Data is not available	Data is not available	Oversupply
11/28/23 13:48	0:01	KWP11	0.00229	3.96687	Oversupply
11/28/23 13:48	0:02	SSA3	0.01324	0.31500	Oversupply
11/28/23 13:50	0:06	BS250	Data is not available	Data is not available	Oversupply
11/28/23 13:50	0:03	KWP11	0.02952	3.79822	Oversupply
11/28/23 13:50	0:06	SSA3	0.03972	0.00700	Oversupply
11/28/23 13:54	0:01	KWP11	0.00808	3.20443	Oversupply
11/28/23 13:59	0:06	17-2	0.04161	0.75000	Oversupply
11/28/23 14:10	0:16	17-2	0.09680	0.36300	Oversupply
11/28/23 14:11	0:07	BS250	Data is not available	Data is not available	Oversupply
11/28/23 14:11	0:12	SSA3	0.04224	0.30800	Oversupply
11/28/23 14:12	0:08	KWP11	0.14237	3.79023	Oversupply
11/28/23 14:19	0:01	BS250	Data is not available	Data is not available	Oversupply
11/28/23 14:22	0:01	BS250	Data is not available	Data is not available	Oversupply
11/29/23 1:18	0:01	AWE	0.00339	17.20000	Oversupply
11/29/23 1:25	0:01	AWE	0.00489	16.50000	Oversupply
11/29/23 1:29	0:02	AWE	0.00822	16.30000	Oversupply
11/29/23 1:32	0:02	AWE	0.00947	16.50000	Oversupply
11/29/23 1:35	0:35	AWE	0.72902	17.90000	Oversupply
11/29/23 2:11	0:03	AWE	0.01916	15.70000	Oversupply



Maui Curtailment Report

November 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
11/29/23 2:15	0:51	AWE	1.57241	18.90000	Oversupply
11/29/23 3:07	0:03	AWE	0.01327	15.50000	Oversupply
11/29/23 3:11	0:18	AWE	0.59397	19.00000	Oversupply
11/29/23 3:31	0:01	AWE	0.00777	16.40000	Oversupply
11/29/23 3:33	0:02	AWE	0.00795	16.40000	Oversupply
11/29/23 3:36	0:02	AWE	0.00534	16.40000	Oversupply
11/29/23 3:39	0:38	AWE	1.03113	20.10000	Oversupply
11/29/23 4:24	0:03	KWP11	0.05618	6.78510	Oversupply
11/29/23 6:52	0:13	BS250	Data is not available	Data is not available	Oversupply
11/29/23 6:52	0:13	KWP11	1.60006	14.36956	Oversupply
11/29/23 12:22	0:01	17-2	0.00005	0.13500	Oversupply
11/29/23 12:24	0:35	17-2	0.16978	0.75000	Oversupply
11/29/23 12:25	0:32	SSA3	0.26448	0.41600	Oversupply
11/29/23 12:26	0:30	BS250	Data is not available	Data is not available	Oversupply
11/29/23 12:26	0:31	AWE	4.44037	20.50000	Oversupply
11/29/23 12:57	0:02	SSA3	0.01768	0.78200	Oversupply
11/29/23 13:20	0:02	17-2	0.00182	0.08600	Oversupply
11/29/23 13:24	0:01	17-2	0.00147	0.08800	Oversupply
11/29/23 13:42	0:08	17-2	0.02523	0.27800	Oversupply
11/29/23 13:44	0:02	SSA3	-0.00069	0.84900	Oversupply
11/29/23 13:51	0:02	17-2	0.01271	0.48400	Oversupply
11/29/23 13:55	0:02	17-2	0.01276	0.75000	Oversupply
11/29/23 14:00	0:03	17-2	0.02200	0.45200	Oversupply
11/29/23 14:05	0:02	17-2	0.00869	0.42400	Oversupply
11/29/23 14:09	0:02	17-2	0.00694	0.40900	Oversupply
11/29/23 14:13	0:06	17-2	0.03437	0.36200	Oversupply
11/29/23 14:14	0:02	SSA3	-0.00094	0.86100	Oversupply
11/29/23 14:41	0:08	17-2	0.03574	0.36800	Oversupply
11/29/23 14:42	0:02	SSA3	-0.00063	0.71600	Oversupply
11/29/23 17:49	0:01	KWP11	0.00033	0.01996	Oversupply
11/29/23 19:16	0:01	KWP11	0.00166	0.09980	Oversupply
11/30/23 10:06	0:14	BS250	Data is not available	Data is not available	Oversupply
11/30/23 10:07	0:12	KWP11	0.29331	13.51930	Oversupply
11/30/23 10:07	0:13	17-2	0.02450	0.12600	Oversupply
11/30/23 10:22	0:53	KWP11	3.50487	16.07506	Oversupply
11/30/23 10:23	0:15	17-2	0.02348	0.10500	Oversupply
11/30/23 10:24	0:14	BS250	Data is not available	Data is not available	Oversupply
11/30/23 10:31	0:08	SSA3	0.01072	0.00600	Oversupply
11/30/23 10:45	0:31	BS250	Data is not available	Data is not available	Oversupply
11/30/23 10:45	0:16	SSA3	0.03238	0.01100	Oversupply
11/30/23 10:46	0:30	17-2	0.04522	0.11800	Oversupply
11/30/23 11:21	0:01	BS250	Data is not available	Data is not available	Oversupply
11/30/23 23:21	0:03	AWE	0.00872	21.00000	Oversupply
11/30/23 23:31	0:29	AWE	1.00678	21.00000	Oversupply

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(Docket No. 2011-0206)

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**Sent:** Thursday, December 21, 2023 3:35 PM  
**To:** Nakahara, Kyle  
**Subject:** Hawaii PUC CDMS eSERVICES - E-Filing F-298799 FILED Confirmation

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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-298799

**Account:** Hawaiian Electric Company, Inc., Hawaii Electric Light Company, Inc., and Maui Electric Company, Limited

**Date and Time Submitted:** 12/21/2023, 3:34 PM

**Case or Docket Reference Number:** PC-24334

**Case or Docket Number (if applicable):** 2011-0206

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