



November 22, 2023

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

Dear Commissioners:

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

In accordance with Ordering Paragraph 3 of Order No. 30371, filed May 4, 2012 in the subject proceeding, enclosed as Exhibit A is Hawaiian Electric's<sup>1</sup> monthly report for October 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/ Andrew Nojiri

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

Enclosures

c: Service List

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

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

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

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

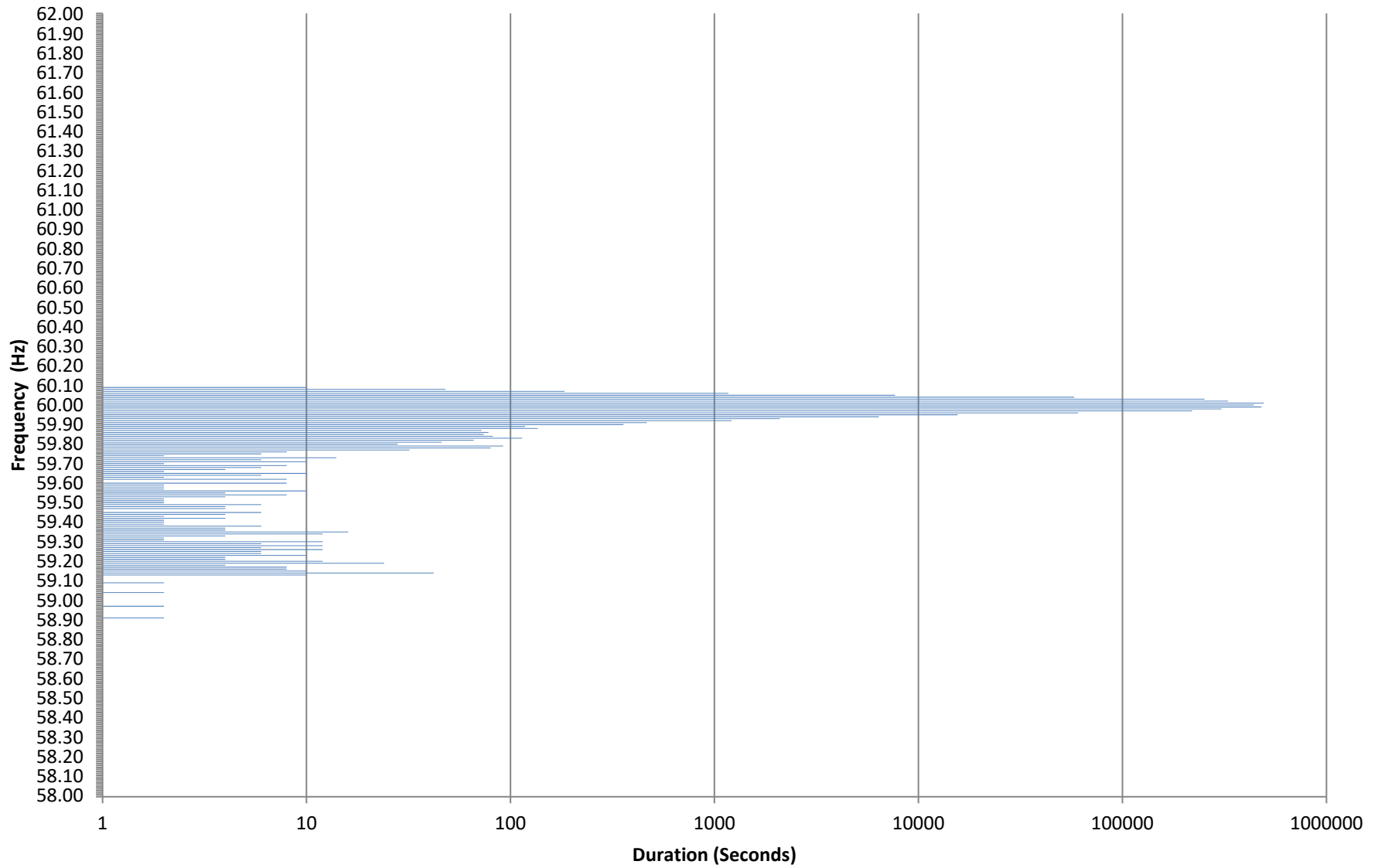
**3a) Tabulation of each curtailment event for each resource including the starting date and time, duration, megawatt hours curtailed, peak MW curtailed, and reason for curtailment:**

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

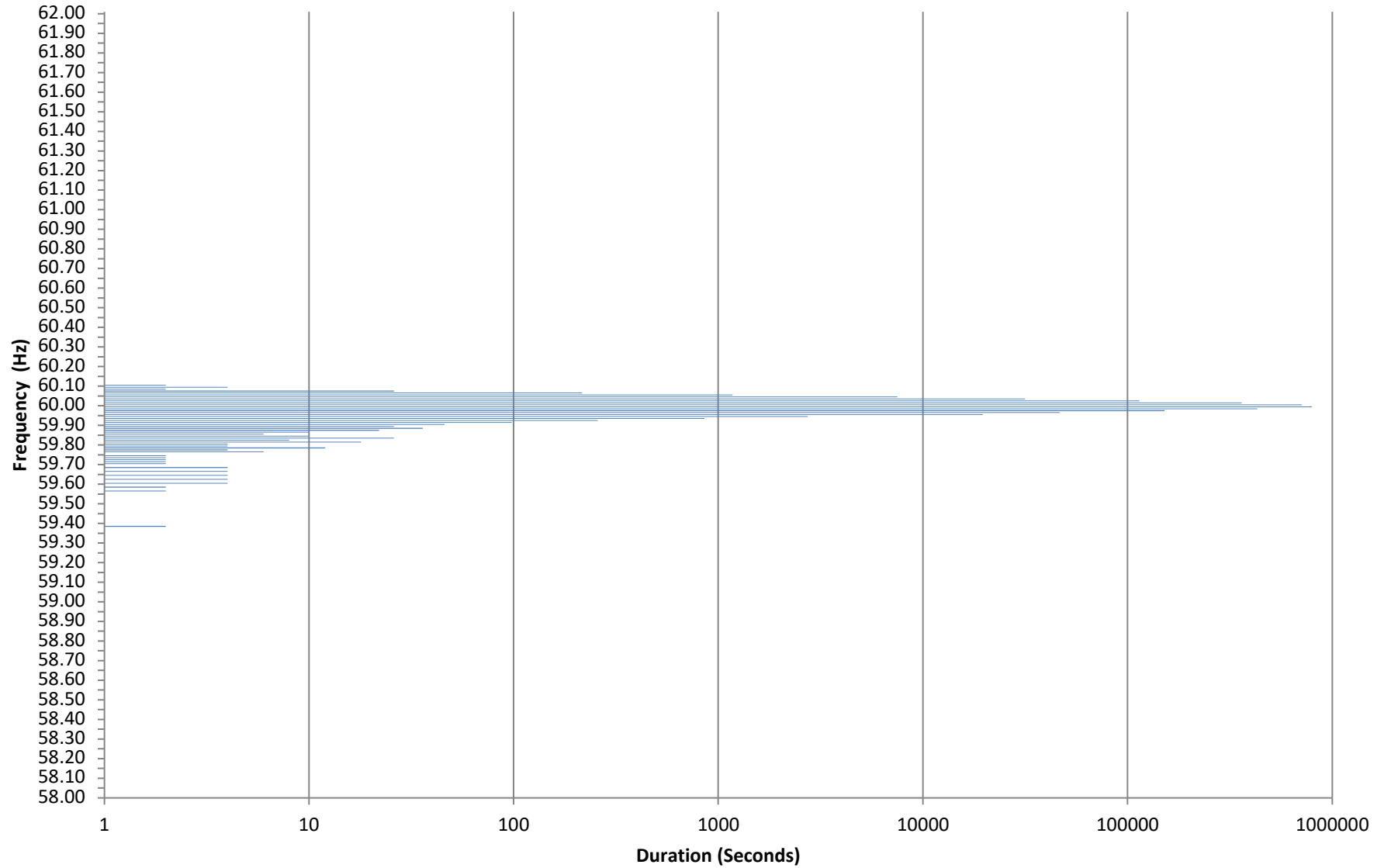
**3b) Total MWh of non-dispatchable renewable resources curtailed for the month:**

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.

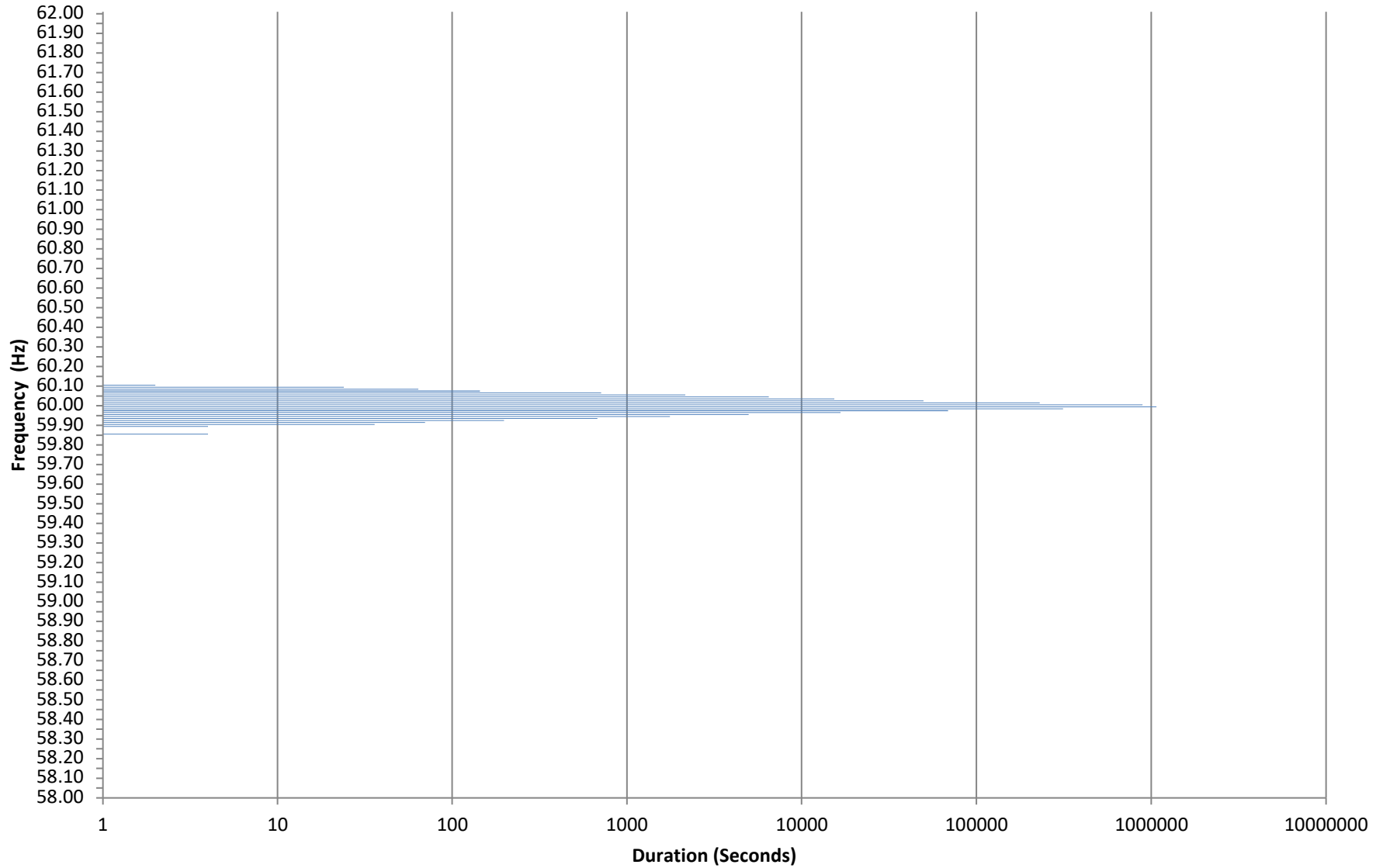
## Frequency Distribution Plot - Hawaiian Electric October 2023



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



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



Hawaiian Electric Frequency Excursion Statistics October 2023		
Data Rounded to the nearest	<59.95 Hz	>60.05 Hz
Number of Excursions	1931	548
Maximum Duration (sec)	1116	284
Maximum Deviation (Hz)	58.913	60.09
Total Duration of Excursions (sec)	16922	2910

Hawai'i Island Frequency Excursion Statistics October 2023		
	<59.95 Hz	>60.05 Hz
Number of Excursions	2928	202
Maximum Duration (sec)	92	18
Maximum Deviation (Hz)	59.379	60.096
Total Duration of Excursions (sec)	13578	540

Maui Electric Company, Limited Frequency Excursion Statistics October 2023		
	<59.95 Hz	>60.05 Hz
Number of Excursions	1347	131
Maximum Duration (sec)	146	128
Maximum Deviation (Hz)	59.847	60.097
Total Duration of Excursions (sec)	7718	946

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

Event #	Date & Time	Frequency (Hz)			Spinning Reserve Shortfall (MW)	Duration (HH:MM)	Description
		Prior to Event	Nadir	Trigger			
1	10/14/2023 4:13	60.03	58.91	NA	-51.00	1:12	Kahe 5 tripped offline while generating ~120 MW. CIP and Schofield called on for spinning reserves.
2	10/17/2023 6:45	60.02	59.69	NA	-22.00	0:39	W9 tripped offline while generating ~45 MW. Schofield called on for spinning reserves.

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HAWAIIAN ELECTRIC COMPANY, INC.  
DEMAND RESPONSE EVENTS  
October 2023

Event #	Date & Time	Frequency (Hz)			Load Shed (MW)	Duration (HH:MM)	Description
		Prior to Event	Nadir	Trigger			
1	10/14/2023 4:13	60.03	58.91	59.70	NA	0:09	Kahe 5 tripped offline while generating ~120 MW. RDLC/CIDLC activated.
2	10/17/2023 6:45	60.02	59.69	59.70	NA	0:02	W9 tripped offline while generating ~45 MW. RDLC activated.

Hawaiian Electric Company, Inc. Curtailment Report October 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
10/01/23 06:27	0.0	0.00	10/01/23 07:03	0	*	KLS2	System Constraints
10/01/23 13:54	0.0	1.20	10/01/23 14:29	0	*	KLS2	System Constraints
10/02/23 06:51	0.0	0.20	10/02/23 07:09	0	*	KLS2	System Constraints
10/02/23 15:30	0.0	1.10	10/02/23 15:36	0	*	KLS2	System Constraints
10/05/23 07:02	0.0	2.20	10/05/23 17:26	0	150.30	WestL	System Constraints
10/05/23 07:10	0.0	0.30	10/05/23 07:49	0	*	KREP	System Constraints
10/05/23 16:16	0.0	0.40	10/05/23 17:24	0	*	KREP	System Constraints
10/06/23 07:48	0.0	1.40	10/06/23 17:52	0	*	MFO	System Constraints
10/06/23 08:09	0.0	10.60	10/06/23 17:48	0	*	KSMakai	System Constraints
10/06/23 08:10	0.0	15.20	10/06/23 09:30	0	*	KSMauka	System Constraints
10/06/23 08:23	0.0	0.00	10/06/23 09:33	0	*	KWMauka	System Constraints
10/06/23 08:34	0.0	0.00	10/06/23 17:52	0	*	KWF	System Constraints
10/06/23 16:57	0.0	4.10	10/06/23 17:11	0	*	KWMauka	System Constraints
10/06/23 16:58	0.0	2.70	10/06/23 17:49	0	*	KSMauka	System Constraints
10/06/23 17:13	0.0	2.00	10/06/23 17:49	0	*	KWMauka	System Constraints
10/07/23 06:09	0.0	0.40	10/07/23 07:18	0	*	KWMauka	System Constraints
10/07/23 06:38	0.0	0.00	10/07/23 16:11	0	*	WAIH N	System Constraints
10/07/23 06:39	0.0	0.00	10/07/23 16:11	0	*	WAIH S	System Constraints
10/07/23 06:51	0.0	0.00	10/07/23 08:57	0	*	MFO	System Constraints
10/07/23 06:59	0.0	4.60	10/07/23 08:49	0	*	KWF	System Constraints
10/07/23 07:19	0.0	0.00	10/07/23 20:31	0	*	KWMauka	System Constraints
10/07/23 07:29	0.0	5.30	10/07/23 09:42	0	*	KSMakai	System Constraints
10/07/23 07:30	0.0	4.10	10/07/23 20:33	0	*	KSMauka	System Constraints
10/07/23 14:35	0.0	1.50	10/07/23 20:44	0	*	MFO	System Constraints
10/07/23 14:38	0.0	4.50	10/07/23 20:29	0	*	KWF	System Constraints
10/07/23 14:42	0.0	18.20	10/07/23 20:32	0	*	KSMakai	System Constraints
10/08/23 11:50	0.0	10.20	10/08/23 13:54	0	*	KSMakai	Oversupply
10/08/23 11:50	0.0	22.90	10/08/23 14:05	0	*	KSMauka	Oversupply
10/11/23 06:42	0.0	0.00	10/11/32 17:37	0	148.53	WestL	System Constraints
10/11/23 06:43	0.0	0.00	10/11/23 08:27	0	*	KREP	System Constraints
10/11/23 15:56	0.0	2.10	10/11/23 17:32	0	*	KREP	System Constraints
10/12/23 05:59	0.0	5.70	10/12/23 14:54	0	*	NPM	System Constraints
10/17/23 06:33	0.0	0.00	10/17/23 07:39	0	*	KSMakai	System Constraints
10/17/23 07:39	0.0	0.00	10/17/23 11:32	0	*	KWMakai	System Constraints
10/17/23 17:09	0.0	5.80	10/17/23 17:30	0	*	Waianae	System Constraints
10/18/23 15:01	0.0	23.10	10/18/23 16:12	0	*	Waianae	System Constraints
10/20/23 06:30	0.0	0.00	10/20/23 09:24	0	*	KREP	System Constraints
10/20/23 06:31	0.0	0.00	10/20/23 09:24	0	7.86	WestL	System Constraints
10/20/23 14:27	0.0	0.60	10/20/23 15:37	0	*	KREP	System Constraints
10/20/23 14:31	0.0	7.50	10/20/23 15:37	0	6.57	WestL	System Constraints
10/21/23 05:56	0.0	0.00	10/21/23 17:53	0	*	Aloha2	System Constraints
10/23/23 05:18	0.0	0.00	10/23/23 05:37	0	*	NPM	System Constraints
10/23/23 15:34	0.0	2.70	10/23/23 16:37	0	*	NPM	System Constraints
10/23/23 18:11	0.0	19.50	10/23/23 19:19	0	*	NPM	System Constraints
10/24/23 06:19	0.0	0.00	10/24/23 14:08	0	*	NPM	System Constraints
10/26/23 06:43	0.0	0.00	10/26/23 16:32	0	*	NPM	System Constraints
10/26/23 07:53	0.0	0.00	10/26/23 12:45	0	*	KWF	Facility Requested
10/27/23 05:30	0.0	0.00	10/27/23 08:06	0	*	Aloha2	System Constraints
10/27/23 15:04	0.0	0.50	10/27/23 17:28	0	*	Aloha2	System Constraints
10/30/23 20:11	0.0	0.00	10/30/23 22:03	0	*	KWMakai	System Constraints
10/30/23 20:11	0.0	6.50	10/30/23 20:26	0	*	KWMauka	System Constraints
10/30/23 20:19	0.0	0.00	10/30/23 22:08	0	*	KSMauka	System Constraints
10/30/23 20:20	0.0	0.00	10/30/23 22:08	0	*	KSMakai	System Constraints
10/30/23 20:27	0.0	1.30	10/30/23 22:03	0	*	KWMauka	System Constraints

Aloha1 = Aloha Solar Energy Fund I  
Aloha2 = Aloha Solar Energy Fund II  
KLS2 = Kalaeloa Solar Two  
KREP = Kalaeloa Renewable Energy Partners

Hawaiian Electric Company, Inc. Curtailment Report October 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
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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

Waianaes = EE Waianaes 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 October 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
10/20/23 08:38	0.6 MW	10/20/23 08:51	0.7 MW	TGUHI	Facility Requested
10/20/23 10:46	0.4 MW	10/20/23 10:53	0.5 MW	TGUHI	Facility Requested

<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

October 2023

Start Date and Time	Duration (h:mm)	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
No curtailment for October 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**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/1/2023 0:00	6:51	KWP	92.39261	20.98999	Oversupply
10/1/2023 0:49	2:08	AWE	8.38014	21.00000	Oversupply
10/1/2023 2:58	0:01	AWE	0.00921	14.00000	Oversupply
10/1/2023 3:01	0:01	AWE	0.00516	14.00000	Oversupply
10/1/2023 3:03	0:01	AWE	0.00269	14.60000	Oversupply
10/1/2023 3:06	0:02	AWE	0.01545	16.60000	Oversupply
10/1/2023 3:10	0:07	AWE	0.13774	16.60000	Oversupply
10/1/2023 3:18	0:24	AWE	1.14531	19.90000	Oversupply
10/1/2023 3:43	0:24	AWE	1.02421	21.00000	Oversupply
10/1/2023 4:09	0:04	AWE	0.03551	19.70000	Oversupply
10/1/2023 4:16	0:02	AWE	0.00798	19.50000	Oversupply
10/1/2023 4:20	0:43	AWE	3.02397	20.40000	Oversupply
10/1/2023 5:04	0:01	AWE	0.00539	16.50000	Oversupply
10/1/2023 5:07	1:39	AWE	8.29973	21.00000	Oversupply
10/1/2023 6:17	9:32	BS250	Data is not available	Data is not available	Oversupply
10/1/2023 6:28	9:20	SSA3	5.79334	0.00600	Oversupply
10/1/2023 6:46	9:03	17-2	4.57963	0.75000	Oversupply
10/1/2023 7:54	0:03	KWP	0.01550	6.22125	Oversupply
10/1/2023 7:58	0:02	KWP	0.03920	5.82706	Oversupply
10/1/2023 8:14	9:41	KWP	127.16571	21.05785	Oversupply
10/1/2023 8:24	6:21	AWE	89.55985	21.00000	Oversupply
10/1/2023 9:40	0:05	5A	Data is not available	Data is not available	Oversupply
10/1/2023 9:40	0:05	MS	Data is not available	Data is not available	Oversupply
10/1/2023 9:48	0:01	5A	Data is not available	Data is not available	Oversupply
10/1/2023 9:48	0:01	MS	Data is not available	Data is not available	Oversupply
10/1/2023 9:50	0:06	5A	Data is not available	Data is not available	Oversupply
10/1/2023 9:50	0:06	MS	Data is not available	Data is not available	Oversupply
10/1/2023 9:54	0:01	KWP	0.00267	19.44000	Oversupply
10/1/2023 9:57	0:01	5A	Data is not available	Data is not available	Oversupply
10/1/2023 9:57	0:01	MS	Data is not available	Data is not available	Oversupply
10/1/2023 9:57	0:01	KWP	0.00018	18.48000	Oversupply
10/1/2023 10:01	0:05	5A	Data is not available	Data is not available	Oversupply
10/1/2023 10:01	0:05	MS	Data is not available	Data is not available	Oversupply
10/1/2023 10:04	0:01	KWP	0.00117	19.12000	Oversupply
10/1/2023 10:07	0:01	5A	Data is not available	Data is not available	Oversupply
10/1/2023 10:07	0:01	MS	Data is not available	Data is not available	Oversupply
10/1/2023 10:09	0:11	5A	Data is not available	Data is not available	Oversupply
10/1/2023 10:09	0:11	MS	Data is not available	Data is not available	Oversupply
10/1/2023 10:09	0:01	KWP	0.00286	18.48000	Oversupply
10/1/2023 10:12	0:01	KWP	0.00267	18.16000	Oversupply
10/1/2023 10:14	0:01	KWP	0.00267	16.72000	Oversupply
10/1/2023 10:21	0:05	5A	Data is not available	Data is not available	Oversupply
10/1/2023 10:21	0:05	MS	Data is not available	Data is not available	Oversupply
10/1/2023 10:21	0:01	KWP	0.00267	16.72000	Oversupply
10/1/2023 10:27	0:01	5A	Data is not available	Data is not available	Oversupply
10/1/2023 10:27	0:01	MS	Data is not available	Data is not available	Oversupply
10/1/2023 10:29	0:03	5A	Data is not available	Data is not available	Oversupply
10/1/2023 10:29	0:03	MS	Data is not available	Data is not available	Oversupply
10/1/2023 10:29	0:01	KWP	0.00267	16.24000	Oversupply
10/1/2023 10:32	0:01	KWP	0.00267	14.96000	Oversupply
10/1/2023 10:33	0:01	5A	Data is not available	Data is not available	Oversupply
10/1/2023 10:33	0:01	MS	Data is not available	Data is not available	Oversupply
10/1/2023 10:35	0:11	5A	Data is not available	Data is not available	Oversupply
10/1/2023 10:35	0:11	MS	Data is not available	Data is not available	Oversupply
10/1/2023 10:38	0:01	KWP	0.00267	16.56000	Oversupply
10/1/2023 10:41	0:01	KWP	0.00170	15.76000	Oversupply
10/1/2023 10:46	0:01	KWP	0.00267	14.48000	Oversupply
10/1/2023 10:47	0:04	5A	Data is not available	Data is not available	Oversupply
10/1/2023 10:47	0:04	MS	Data is not available	Data is not available	Oversupply
10/1/2023 10:52	0:02	5A	Data is not available	Data is not available	Oversupply
10/1/2023 10:52	0:02	MS	Data is not available	Data is not available	Oversupply
10/1/2023 10:52	0:01	KWP	0.00533	14.64000	Oversupply
10/1/2023 10:55	0:01	5A	Data is not available	Data is not available	Oversupply
10/1/2023 10:55	0:01	MS	Data is not available	Data is not available	Oversupply
10/1/2023 10:58	0:04	5A	Data is not available	Data is not available	Oversupply
10/1/2023 10:58	0:04	MS	Data is not available	Data is not available	Oversupply
10/1/2023 11:00	0:01	KWP	0.00091	14.16000	Oversupply
10/1/2023 11:03	0:02	5A	Data is not available	Data is not available	Oversupply
10/1/2023 11:03	0:02	MS	Data is not available	Data is not available	Oversupply
10/1/2023 11:06	0:10	5A	Data is not available	Data is not available	Oversupply
10/1/2023 11:06	0:10	MS	Data is not available	Data is not available	Oversupply
10/1/2023 11:09	0:01	KWP	0.00267	13.84000	Oversupply
10/1/2023 11:17	0:20	5A	Data is not available	Data is not available	Oversupply
10/1/2023 11:17	0:20	MS	Data is not available	Data is not available	Oversupply
10/1/2023 11:40	0:04	5A	Data is not available	Data is not available	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/1/2023 11:40	0:04	MS	Data is not available	Data is not available	Oversupply
10/1/2023 11:46	0:09	5A	Data is not available	Data is not available	Oversupply
10/1/2023 11:46	0:09	MS	Data is not available	Data is not available	Oversupply
10/1/2023 11:58	0:01	5A	Data is not available	Data is not available	Oversupply
10/1/2023 11:58	0:01	MS	Data is not available	Data is not available	Oversupply
10/1/2023 12:15	0:01	5A	Data is not available	Data is not available	Oversupply
10/1/2023 12:15	0:01	MS	Data is not available	Data is not available	Oversupply
10/1/2023 12:15	0:01	KWP	0.00267	13.36000	Oversupply
10/1/2023 12:18	0:05	5A	Data is not available	Data is not available	Oversupply
10/1/2023 12:18	0:05	MS	Data is not available	Data is not available	Oversupply
10/1/2023 12:24	0:05	5A	Data is not available	Data is not available	Oversupply
10/1/2023 12:24	0:05	MS	Data is not available	Data is not available	Oversupply
10/1/2023 12:26	0:01	KWP	0.00267	14.16000	Oversupply
10/1/2023 12:30	0:01	5A	Data is not available	Data is not available	Oversupply
10/1/2023 12:30	0:01	MS	Data is not available	Data is not available	Oversupply
10/1/2023 12:32	0:02	5A	Data is not available	Data is not available	Oversupply
10/1/2023 12:32	0:02	MS	Data is not available	Data is not available	Oversupply
10/1/2023 12:35	0:01	5A	Data is not available	Data is not available	Oversupply
10/1/2023 12:35	0:01	MS	Data is not available	Data is not available	Oversupply
10/1/2023 12:37	0:01	5A	Data is not available	Data is not available	Oversupply
10/1/2023 12:37	0:01	MS	Data is not available	Data is not available	Oversupply
10/1/2023 12:39	0:01	5A	Data is not available	Data is not available	Oversupply
10/1/2023 12:39	0:01	MS	Data is not available	Data is not available	Oversupply
10/1/2023 12:39	0:02	KWP	0.00723	17.36000	Oversupply
10/1/2023 12:41	0:05	5A	Data is not available	Data is not available	Oversupply
10/1/2023 12:41	0:05	MS	Data is not available	Data is not available	Oversupply
10/1/2023 13:07	0:03	5A	Data is not available	Data is not available	Oversupply
10/1/2023 13:07	0:03	MS	Data is not available	Data is not available	Oversupply
10/1/2023 13:12	0:01	5A	Data is not available	Data is not available	Oversupply
10/1/2023 13:12	0:01	MS	Data is not available	Data is not available	Oversupply
10/1/2023 14:46	0:01	AWE	0.00097	21.00000	Oversupply
10/1/2023 14:50	0:06	AWE	0.04923	21.00000	Oversupply
10/1/2023 15:07	0:01	AWE	0.00091	21.00000	Oversupply
10/1/2023 15:48	0:02	SSA3	0.00205	0.16700	Oversupply
10/1/2023 16:32	0:03	BS250	Data is not available	Data is not available	Oversupply
10/1/2023 16:33	0:03	17-2	0.00533	0.11100	Oversupply
10/1/2023 16:33	0:02	SSA3	0.00159	0.15800	Oversupply
10/1/2023 16:45	0:05	17-2	0.00709	0.13400	Oversupply
10/1/2023 16:47	0:02	SSA3	0.00155	0.23200	Oversupply
10/1/2023 16:49	0:02	SSA3	0.00155	0.11800	Oversupply
10/1/2023 16:52	0:03	17-2	0.00610	0.13900	Oversupply
10/1/2023 16:53	0:02	SSA3	0.00156	0.04000	Oversupply
10/1/2023 16:56	0:01	BS250	Data is not available	Data is not available	Oversupply
10/1/2023 16:57	0:01	17-2	0.00192	0.11500	Oversupply
10/1/2023 17:03	0:01	BS250	Data is not available	Data is not available	Oversupply
10/1/2023 17:03	0:01	17-2	0.00015	0.08900	Oversupply
10/1/2023 17:14	0:01	17-2	0.00009	0.07100	Oversupply
10/1/2023 17:59	0:01	KWP	0.00248	13.14906	Oversupply
10/1/2023 19:17	0:01	AWE	0.00048	18.90000	Oversupply
10/1/2023 21:11	1:02	KWP	5.34564	19.61082	Oversupply
10/1/2023 22:14	0:31	KWP	2.74917	10.10929	Oversupply
10/1/2023 22:33	0:01	AWE	0.00574	20.20000	Oversupply
10/2/2023 9:35	0:02	17-2	0.02477	0.74300	Oversupply
10/2/2023 9:38	0:01	17-2	0.00764	0.74300	Oversupply
10/2/2023 10:19	0:02	17-2	0.00543	0.75000	Oversupply
10/2/2023 10:36	0:07	17-2	0.08633	0.74000	Oversupply
10/2/2023 10:37	0:04	BS250	Data is not available	Data is not available	Oversupply
10/2/2023 10:37	0:04	SSA3	0.02679	0.29000	Oversupply
10/2/2023 10:38	0:03	AWE	0.03450	13.00000	Oversupply
10/2/2023 10:41	0:02	SSA3	0.01340	-0.00400	Oversupply
10/2/2023 11:17	0:02	SSA3	0.00045	0.56400	Oversupply
10/2/2023 11:18	0:02	17-2	0.01334	0.75000	Oversupply
10/2/2023 11:19	0:01	KWP	0.00685	0.70855	Oversupply
10/2/2023 11:22	0:01	17-2	0.01250	0.75000	Oversupply
10/2/2023 11:34	0:03	17-2	0.01476	0.75000	Oversupply
10/2/2023 11:37	0:02	SSA3	0.00102	0.76700	Oversupply
10/2/2023 11:38	0:01	BS250	Data is not available	Data is not available	Oversupply
10/2/2023 11:38	0:07	17-2	0.07167	0.75000	Oversupply
10/2/2023 11:39	0:01	AWE	0.00105	14.90000	Oversupply
10/2/2023 12:04	0:03	17-2	0.02392	0.75000	Oversupply
10/2/2023 12:12	0:03	BS250	Data is not available	Data is not available	Oversupply
10/2/2023 12:12	0:05	17-2	0.05957	0.75000	Oversupply
10/2/2023 12:12	0:02	SSA3	0.00384	0.74100	Oversupply
10/2/2023 12:13	0:02	AWE	0.02310	15.10000	Oversupply
10/2/2023 12:19	2:51	17-2	1.90676	0.75000	Oversupply



Maui Curtailment Report

October 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/2/2023 12:20	0:08	BS250	Data is not available	Data is not available	Oversupply
10/2/2023 12:20	0:08	SSA3	0.07612	0.46900	Oversupply
10/2/2023 12:22	0:02	AWE	0.01443	14.60000	Oversupply
10/2/2023 12:25	0:04	AWE	0.06390	15.20000	Oversupply
10/2/2023 12:26	0:01	KWPPI	0.00005	0.00299	Oversupply
10/2/2023 12:30	2:31	BS250	Data is not available	Data is not available	Oversupply
10/2/2023 12:30	0:48	KWPPI	0.62761	1.50991	Oversupply
10/2/2023 12:30	2:31	SSA3	2.03127	0.00300	Oversupply
10/2/2023 12:31	0:01	AWE	0.00306	15.80000	Oversupply
10/2/2023 12:33	1:33	AWE	4.74869	19.20000	Oversupply
10/2/2023 13:19	0:01	KWPPI	0.00014	0.11377	Oversupply
10/2/2023 13:21	0:01	KWPPI	0.00040	0.12973	Oversupply
10/2/2023 13:27	1:35	KWPPI	2.49128	2.51385	Oversupply
10/2/2023 14:07	0:02	AWE	0.03213	18.60000	Oversupply
10/2/2023 14:10	0:03	AWE	0.03356	18.40000	Oversupply
10/2/2023 14:17	0:05	AWE	0.00552	20.00000	Oversupply
10/2/2023 14:25	0:02	AWE	0.01331	21.00000	Oversupply
10/2/2023 14:29	0:02	AWE	0.02094	18.40000	Oversupply
10/2/2023 14:32	0:02	AWE	0.00403	19.40000	Oversupply
10/2/2023 14:35	0:01	AWE	0.00940	20.30000	Oversupply
10/2/2023 14:40	0:01	AWE	0.00655	21.00000	Oversupply
10/2/2023 14:42	0:04	AWE	0.01051	20.10000	Oversupply
10/2/2023 14:47	0:10	AWE	0.22683	20.40000	Oversupply
10/2/2023 14:59	0:02	AWE	0.02076	21.00000	Oversupply
10/2/2023 15:01	0:02	SSA3	0.00212	0.28400	Oversupply
10/3/2023 9:30	0:01	17-2	0.00347	0.75000	Oversupply
10/3/2023 9:33	1:23	17-2	0.76216	0.75000	Oversupply
10/3/2023 9:39	0:48	SSA3	0.55932	0.67600	Oversupply
10/3/2023 9:40	0:48	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 9:43	0:01	AWE	0.00655	5.00000	Oversupply
10/3/2023 9:45	0:01	AWE	0.00002	5.00000	Oversupply
10/3/2023 9:47	0:02	AWE	0.00303	4.30000	Oversupply
10/3/2023 9:50	0:01	AWE	0.00185	3.50000	Oversupply
10/3/2023 9:54	0:04	AWE	0.03220	2.90000	Oversupply
10/3/2023 9:59	0:30	AWE	0.44034	4.00000	Oversupply
10/3/2023 10:14	0:01	5A	Data is not available	Data is not available	Oversupply
10/3/2023 10:14	0:01	MS	Data is not available	Data is not available	Oversupply
10/3/2023 10:14	0:01	KWP	0.00133	0.08000	Oversupply
10/3/2023 10:28	0:02	SSA3	0.02656	0.04400	Oversupply
10/3/2023 10:29	0:02	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 10:30	0:01	AWE	0.00202	4.40000	Oversupply
10/3/2023 10:30	0:02	SSA3	0.02658	0.01500	Oversupply
10/3/2023 10:32	0:04	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 10:32	0:02	SSA3	0.02636	0.01300	Oversupply
10/3/2023 10:33	0:01	AWE	0.00152	4.70000	Oversupply
10/3/2023 10:34	0:02	SSA3	0.02636	0.04600	Oversupply
10/3/2023 10:36	0:01	AWE	0.00135	5.80000	Oversupply
10/3/2023 10:36	0:08	SSA3	0.10567	0.01300	Oversupply
10/3/2023 10:37	0:01	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 10:39	0:07	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 10:43	0:02	AWE	0.00270	5.50000	Oversupply
10/3/2023 10:44	0:02	SSA3	0.01471	0.02700	Oversupply
10/3/2023 10:46	0:02	SSA3	0.00916	0.04400	Oversupply
10/3/2023 10:48	0:02	SSA3	0.00908	0.03500	Oversupply
10/3/2023 10:50	0:02	SSA3	0.00923	0.18900	Oversupply
10/3/2023 11:00	1:48	17-2	1.08157	0.75000	Oversupply
10/3/2023 11:02	0:02	SSA3	0.00303	0.75800	Oversupply
10/3/2023 11:04	0:02	SSA3	0.00301	0.43000	Oversupply
10/3/2023 11:10	0:02	SSA3	0.00301	0.95700	Oversupply
10/3/2023 11:18	0:02	SSA3	0.01892	0.71600	Oversupply
10/3/2023 11:20	0:06	SSA3	0.05630	0.53700	Oversupply
10/3/2023 11:21	0:03	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 11:21	0:02	AWE	0.00970	5.20000	Oversupply
10/3/2023 11:24	0:03	AWE	0.01634	4.20000	Oversupply
10/3/2023 11:25	0:04	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 11:26	0:01	KWPPI	0.00032	0.01896	Oversupply
10/3/2023 11:26	0:02	SSA3	0.01892	-0.00400	Oversupply
10/3/2023 11:28	0:02	AWE	0.01052	3.40000	Oversupply
10/3/2023 11:28	0:06	SSA3	0.08201	0.02300	Oversupply
10/3/2023 11:30	0:04	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 11:30	0:04	KWPPI	0.01520	0.35627	Oversupply
10/3/2023 11:34	0:02	SSA3	0.02971	0.16000	Oversupply
10/3/2023 11:35	0:01	KWPPI	0.00033	0.01996	Oversupply
10/3/2023 11:36	0:01	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 11:37	0:02	SSA3	0.02971	0.01100	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/3/2023 11:38	0:04	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 11:38	0:04	KWP11	0.03254	0.67562	Oversupply
10/3/2023 11:39	0:20	SSA3	0.30677	0.00900	Oversupply
10/3/2023 11:40	0:01	AWE	0.00075	4.20000	Oversupply
10/3/2023 11:43	0:11	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 11:43	0:01	AWE	0.00352	5.40000	Oversupply
10/3/2023 11:43	0:01	KWP11	0.00460	0.52293	Oversupply
10/3/2023 11:45	0:05	KWP11	0.01911	0.69657	Oversupply
10/3/2023 11:46	0:01	AWE	0.00235	5.20000	Oversupply
10/3/2023 11:48	0:01	AWE	0.00810	5.60000	Oversupply
10/3/2023 11:51	0:01	KWP11	0.00780	0.46804	Oversupply
10/3/2023 11:55	0:02	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 11:56	0:44	KWP11	0.76909	1.86817	Oversupply
10/3/2023 11:58	0:01	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 11:59	0:02	SSA3	0.02999	0.08900	Oversupply
10/3/2023 12:00	0:44	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 12:01	0:46	SSA3	0.67364	0.00800	Oversupply
10/3/2023 12:05	0:01	AWE	0.00169	6.00000	Oversupply
10/3/2023 12:08	0:01	AWE	0.00052	6.20000	Oversupply
10/3/2023 12:11	0:02	AWE	0.01149	6.00000	Oversupply
10/3/2023 12:14	0:07	AWE	0.08607	5.20000	Oversupply
10/3/2023 12:22	0:04	AWE	0.07169	5.40000	Oversupply
10/3/2023 12:27	0:04	AWE	0.03855	6.20000	Oversupply
10/3/2023 12:33	0:03	AWE	0.00940	6.80000	Oversupply
10/3/2023 12:41	0:07	KWP11	0.07658	1.16661	Oversupply
10/3/2023 12:44	0:02	AWE	0.00351	6.60000	Oversupply
10/3/2023 12:45	0:02	BS250	Data is not available	Data is not available	Oversupply
10/3/2023 12:47	0:01	AWE	0.00702	6.00000	Oversupply
10/3/2023 12:49	0:02	17-2	0.00887	0.26800	Oversupply
10/3/2023 12:49	0:02	SSA3	0.00631	0.87200	Oversupply
10/3/2023 12:52	0:04	17-2	0.04041	0.75000	Oversupply
10/3/2023 12:53	0:02	SSA3	0.00631	0.88000	Oversupply
10/4/2023 9:07	0:01	17-2	0.00427	0.75000	Oversupply
10/4/2023 9:09	0:02	17-2	0.00284	0.46300	Oversupply
10/4/2023 9:12	0:01	17-2	0.00598	0.51500	Oversupply
10/4/2023 9:14	0:01	17-2	0.00872	0.52300	Oversupply
10/4/2023 9:16	0:32	17-2	0.28309	0.74400	Oversupply
10/4/2023 9:19	0:02	SSA3	0.01446	0.61200	Oversupply
10/4/2023 9:21	0:02	SSA3	0.01446	0.04100	Oversupply
10/4/2023 9:22	0:01	BS250	Data is not available	Data is not available	Oversupply
10/4/2023 9:23	0:10	SSA3	0.06269	-0.00300	Oversupply
10/4/2023 9:24	0:08	BS250	Data is not available	Data is not available	Oversupply
10/4/2023 9:24	0:09	AWE	0.07870	1.90000	Oversupply
10/4/2023 9:33	0:01	BS250	Data is not available	Data is not available	Oversupply
10/4/2023 9:33	0:02	SSA3	0.00928	-0.00300	Oversupply
10/4/2023 9:35	0:02	SSA3	0.00943	0.22500	Oversupply
10/4/2023 9:37	0:02	SSA3	0.00943	0.65100	Oversupply
10/4/2023 9:54	0:01	17-2	0.00201	0.34600	Oversupply
10/4/2023 9:56	0:01	17-2	0.00628	0.50100	Oversupply
10/4/2023 9:58	0:01	17-2	0.00422	0.25300	Oversupply
10/4/2023 10:01	0:09	17-2	0.02302	0.28800	Oversupply
10/4/2023 10:12	0:50	17-2	0.29152	0.75000	Oversupply
10/4/2023 10:18	0:02	SSA3	0.01739	0.77900	Oversupply
10/4/2023 10:20	0:02	SSA3	0.01739	0.46700	Oversupply
10/4/2023 10:22	0:03	BS250	Data is not available	Data is not available	Oversupply
10/4/2023 10:22	0:02	SSA3	0.01739	0.01600	Oversupply
10/4/2023 10:23	0:01	AWE	0.00251	3.00000	Oversupply
10/4/2023 10:24	0:02	SSA3	0.01767	-0.00300	Oversupply
10/4/2023 10:26	0:01	BS250	Data is not available	Data is not available	Oversupply
10/4/2023 10:26	0:01	AWE	0.00101	2.90000	Oversupply
10/4/2023 10:26	0:02	SSA3	0.01753	-0.00300	Oversupply
10/4/2023 10:28	0:08	SSA3	0.10080	0.14700	Oversupply
10/4/2023 10:29	0:01	BS250	Data is not available	Data is not available	Oversupply
10/4/2023 10:31	0:05	BS250	Data is not available	Data is not available	Oversupply
10/4/2023 10:32	0:04	AWE	0.02837	2.60000	Oversupply
10/4/2023 10:37	0:02	SSA3	0.02635	-0.00300	Oversupply
10/4/2023 10:39	0:04	BS250	Data is not available	Data is not available	Oversupply
10/4/2023 10:39	0:02	SSA3	0.02679	0.16900	Oversupply
10/4/2023 10:41	0:02	AWE	0.00085	2.80000	Oversupply
10/4/2023 10:41	0:02	SSA3	0.02657	0.00900	Oversupply
10/4/2023 10:43	0:02	SSA3	0.02596	-0.00300	Oversupply
10/4/2023 10:45	0:02	SSA3	0.01299	-0.00400	Oversupply
10/4/2023 10:47	0:02	SSA3	0.01267	0.02200	Oversupply
10/4/2023 10:49	0:01	AWE	0.00201	3.20000	Oversupply
10/4/2023 10:49	0:02	SSA3	0.01278	0.32200	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/4/2023 10:57	0:02	SSA3	0.01257	0.81400	Oversupply
10/4/2023 10:58	0:01	BS250	Data is not available	Data is not available	Oversupply
10/4/2023 10:59	0:01	AWE	0.00084	3.20000	Oversupply
10/4/2023 10:59	0:02	SSA3	0.00697	0.15500	Oversupply
10/4/2023 12:28	0:05	17-2	0.04302	0.74000	Oversupply
10/4/2023 12:34	0:02	17-2	0.00654	0.74000	Oversupply
10/4/2023 14:29	0:01	KWP11	0.00030	0.01796	Oversupply
10/6/2023 8:38	0:02	17-2	0.00727	0.60100	Oversupply
10/6/2023 8:47	0:25	17-2	0.24828	0.68700	Oversupply
10/6/2023 8:48	0:02	SSA3	0.01105	0.50600	Oversupply
10/6/2023 8:49	0:05	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 8:50	0:04	SSA3	0.02210	0.01000	Oversupply
10/6/2023 8:51	0:01	AWE	0.00705	14.20000	Oversupply
10/6/2023 8:53	0:01	AWE	0.00407	13.00000	Oversupply
10/6/2023 8:56	0:01	AWE	0.00080	13.10000	Oversupply
10/6/2023 8:56	0:02	SSA3	0.01105	0.02300	Oversupply
10/6/2023 8:58	0:02	SSA3	0.00972	0.41900	Oversupply
10/6/2023 8:59	0:01	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 9:00	0:01	AWE	0.00464	14.60000	Oversupply
10/6/2023 9:00	0:02	SSA3	0.00615	0.51400	Oversupply
10/6/2023 9:01	0:02	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 9:02	0:02	AWE	0.00249	16.00000	Oversupply
10/6/2023 9:02	0:04	SSA3	0.01230	0.00600	Oversupply
10/6/2023 9:06	0:02	SSA3	0.00615	0.55600	Oversupply
10/6/2023 9:08	0:01	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 9:08	0:02	SSA3	0.00615	0.04400	Oversupply
10/6/2023 9:21	0:02	17-2	0.00731	0.75000	Oversupply
10/6/2023 9:24	0:03	17-2	0.01416	0.75000	Oversupply
10/6/2023 9:30	0:02	17-2	0.01665	0.75000	Oversupply
10/6/2023 9:39	0:04	17-2	0.01840	0.75000	Oversupply
10/6/2023 9:46	0:06	17-2	0.04430	0.74300	Oversupply
10/6/2023 9:47	0:02	SSA3	0.00132	0.70300	Oversupply
10/6/2023 9:49	0:02	SSA3	0.00132	0.70600	Oversupply
10/6/2023 10:38	0:01	17-2	0.00079	0.75000	Oversupply
10/6/2023 11:34	1:33	17-2	1.11519	0.75000	Oversupply
10/6/2023 11:38	0:02	SSA3	0.00411	0.87100	Oversupply
10/6/2023 11:44	0:04	SSA3	0.04904	0.72800	Oversupply
10/6/2023 11:45	0:03	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 11:45	0:03	KWP11	0.02758	1.73844	Oversupply
10/6/2023 11:48	0:02	SSA3	0.03039	-0.00400	Oversupply
10/6/2023 11:49	0:03	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 11:50	0:01	KWP11	0.00024	0.90415	Oversupply
10/6/2023 11:50	0:34	SSA3	0.51403	-0.00400	Oversupply
10/6/2023 11:52	0:01	AWE	0.00750	16.90000	Oversupply
10/6/2023 11:52	0:04	KWP11	0.04041	0.98398	Oversupply
10/6/2023 11:53	0:54	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 11:54	0:01	AWE	0.00819	17.70000	Oversupply
10/6/2023 11:57	0:01	AWE	0.00389	17.50000	Oversupply
10/6/2023 11:57	0:27	KWP11	0.50343	2.14860	Oversupply
10/6/2023 11:59	0:01	AWE	0.00306	16.50000	Oversupply
10/6/2023 12:01	0:04	AWE	0.02178	17.10000	Oversupply
10/6/2023 12:06	0:03	AWE	0.04013	17.50000	Oversupply
10/6/2023 12:10	0:05	AWE	0.04149	17.10000	Oversupply
10/6/2023 12:24	0:02	SSA3	0.03102	-0.00300	Oversupply
10/6/2023 12:25	0:03	KWP11	0.01370	2.26935	Oversupply
10/6/2023 12:26	0:10	SSA3	0.15415	-0.00300	Oversupply
10/6/2023 12:29	0:06	KWP11	0.16510	3.70142	Oversupply
10/6/2023 12:31	0:01	AWE	0.00167	16.80000	Oversupply
10/6/2023 12:36	0:01	KWP11	0.00530	2.36016	Oversupply
10/6/2023 12:36	0:02	SSA3	0.03082	-0.00300	Oversupply
10/6/2023 12:38	0:01	KWP11	0.00406	2.25438	Oversupply
10/6/2023 12:38	0:10	SSA3	0.14662	0.29000	Oversupply
10/6/2023 12:41	0:07	KWP11	0.11201	2.60466	Oversupply
10/6/2023 12:50	0:02	SSA3	0.02667	0.57200	Oversupply
10/6/2023 12:51	0:05	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 12:51	0:01	AWE	0.00572	15.70000	Oversupply
10/6/2023 12:51	0:03	KWP11	0.01008	0.55187	Oversupply
10/6/2023 12:52	0:02	SSA3	0.02667	-0.00500	Oversupply
10/6/2023 12:54	0:02	SSA3	0.02667	-0.00300	Oversupply
10/6/2023 12:56	0:02	SSA3	0.02667	-0.00400	Oversupply
10/6/2023 12:58	0:02	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 12:58	0:02	SSA3	0.01926	0.16300	Oversupply
10/6/2023 13:00	0:03	AWE	0.01957	16.20000	Oversupply
10/6/2023 13:00	0:02	SSA3	0.00624	0.00700	Oversupply
10/6/2023 13:01	0:01	BS250	Data is not available	Data is not available	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/6/2023 13:09	0:02	17-2	0.02500	0.75000	Oversupply
10/6/2023 13:22	0:01	17-2	0.00357	0.75000	Oversupply
10/6/2023 13:25	0:02	17-2	0.01542	0.75000	Oversupply
10/6/2023 13:31	0:02	17-2	0.00582	0.75000	Oversupply
10/6/2023 13:31	0:02	SSA3	0.00080	0.35400	Oversupply
10/6/2023 14:09	0:02	SSA3	0.00545	0.89500	Oversupply
10/6/2023 14:10	0:06	17-2	0.07500	0.75000	Oversupply
10/6/2023 14:11	0:01	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 14:11	0:02	SSA3	0.00545	0.14900	Oversupply
10/6/2023 14:18	0:01	17-2	0.01250	0.75000	Oversupply
10/6/2023 14:20	0:01	KWPPI	0.00005	0.00299	Oversupply
10/6/2023 14:20	0:03	17-2	0.03041	0.75000	Oversupply
10/6/2023 14:21	0:02	SSA3	0.00239	0.35100	Oversupply
10/6/2023 14:27	0:01	17-2	0.01080	0.75000	Oversupply
10/6/2023 15:09	0:02	17-2	0.01062	0.72500	Oversupply
10/6/2023 15:12	0:01	17-2	0.00913	0.71500	Oversupply
10/6/2023 16:16	0:03	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 16:16	0:05	17-2	0.03103	0.46500	Oversupply
10/6/2023 16:16	0:04	SSA3	0.00877	0.06000	Oversupply
10/6/2023 16:17	0:03	KWPPI	0.07823	9.64224	Oversupply
10/6/2023 16:22	0:01	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 16:22	0:17	17-2	0.10846	0.44400	Oversupply
10/6/2023 16:22	0:04	SSA3	0.00874	-0.00300	Oversupply
10/6/2023 16:23	0:01	KWPPI	0.01196	10.21008	Oversupply
10/6/2023 16:24	0:08	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 16:25	0:02	KWPPI	0.10449	11.58426	Oversupply
10/6/2023 16:28	0:04	KWPPI	0.08514	10.97352	Oversupply
10/6/2023 16:28	0:04	SSA3	0.00613	0.01000	Oversupply
10/6/2023 16:34	0:04	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 16:34	0:05	KWPPI	0.22320	15.52519	Oversupply
10/6/2023 16:34	0:06	SSA3	0.00810	0.00000	Oversupply
10/6/2023 16:46	0:01	BS250	Data is not available	Data is not available	Oversupply
10/6/2023 16:46	0:03	17-2	0.01202	0.33400	Oversupply
10/6/2023 16:46	0:02	SSA3	0.00119	0.00800	Oversupply
10/6/2023 16:47	0:01	KWPPI	0.01518	11.25893	Oversupply
10/6/2023 17:31	0:20	KWPPI	0.34290	15.08310	Oversupply
10/6/2023 17:53	0:32	KWPPI	0.87598	15.96928	Oversupply
10/6/2023 18:26	0:01	KWPPI	0.00849	13.50932	Oversupply
10/6/2023 18:28	0:02	KWPPI	0.00978	13.36661	Oversupply
10/6/2023 18:34	0:53	KWPPI	2.07757	17.42330	Oversupply
10/6/2023 19:32	0:08	KWPPI	0.12925	14.52225	Oversupply
10/6/2023 19:44	17:52	KWPPI	155.78375	21.10476	Oversupply
10/7/2023 7:20	0:01	AWE	0.00167	0.10000	Oversupply
10/7/2023 7:49	0:01	17-2	0.00294	0.31700	Oversupply
10/7/2023 8:05	0:01	17-2	0.00336	0.42800	Oversupply
10/7/2023 8:09	6:26	17-2	4.49140	0.75000	Oversupply
10/7/2023 8:10	0:02	SSA3	0.00306	0.33300	Oversupply
10/7/2023 8:11	0:02	BS250	Data is not available	Data is not available	Oversupply
10/7/2023 8:12	0:02	SSA3	0.00306	0.18100	Oversupply
10/7/2023 8:14	0:01	BS250	Data is not available	Data is not available	Oversupply
10/7/2023 8:14	6:19	SSA3	4.53531	0.07200	Oversupply
10/7/2023 8:18	6:16	BS250	Data is not available	Data is not available	Oversupply
10/7/2023 9:19	0:06	AWE	0.26245	8.10000	Oversupply
10/7/2023 9:28	0:06	AWE	0.41796	9.60000	Oversupply
10/7/2023 9:35	0:02	AWE	0.04380	9.30000	Oversupply
10/7/2023 9:57	0:01	AWE	0.00487	10.40000	Oversupply
10/7/2023 10:00	0:02	AWE	0.01339	9.60000	Oversupply
10/7/2023 10:05	0:17	AWE	1.66943	17.40000	Oversupply
10/7/2023 10:24	0:09	AWE	0.71190	18.30000	Oversupply
10/7/2023 10:35	1:43	AWE	8.24869	17.50000	Oversupply
10/7/2023 12:22	0:04	AWE	0.12349	12.00000	Oversupply
10/7/2023 12:27	0:04	AWE	0.07297	11.30000	Oversupply
10/7/2023 12:33	0:08	AWE	0.27546	9.70000	Oversupply
10/7/2023 12:43	0:03	AWE	0.05928	11.00000	Oversupply
10/7/2023 12:48	0:02	AWE	0.00858	11.80000	Oversupply
10/7/2023 12:52	0:02	AWE	0.02758	12.60000	Oversupply
10/7/2023 12:56	0:01	AWE	0.00003	9.50000	Oversupply
10/7/2023 13:00	0:04	AWE	0.07929	11.90000	Oversupply
10/7/2023 13:39	0:06	KWPPI	0.16883	11.08928	Oversupply
10/7/2023 13:46	0:45	KWPPI	2.20280	11.47649	Oversupply
10/7/2023 16:48	0:07	17-2	0.03142	0.45600	Oversupply
10/7/2023 16:49	0:05	BS250	Data is not available	Data is not available	Oversupply
10/7/2023 16:49	0:04	SSA3	0.01015	0.22800	Oversupply
10/7/2023 16:50	0:04	KWPPI	0.08560	14.12007	Oversupply
10/7/2023 16:53	0:02	SSA3	0.00507	-0.00300	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/7/2023 16:59	0:02	BS250	Data is not available	Data is not available	Oversupply
10/7/2023 16:59	0:03	17-2	0.00607	0.12800	Oversupply
10/7/2023 16:59	0:02	SSA3	0.00404	0.01000	Oversupply
10/7/2023 17:03	0:17	KWPPII	0.79947	18.42525	Oversupply
10/7/2023 17:13	0:05	17-2	0.01577	0.24200	Oversupply
10/7/2023 17:13	0:02	SSA3	0.00202	0.13900	Oversupply
10/7/2023 17:14	0:02	BS250	Data is not available	Data is not available	Oversupply
10/7/2023 17:15	0:02	SSA3	0.00034	0.08600	Oversupply
10/7/2023 17:21	0:01	KWPPII	0.00080	13.04827	Oversupply
10/7/2023 17:25	0:01	KWPPII	0.00258	13.15505	Oversupply
10/7/2023 17:28	0:01	KWPPII	0.00046	13.02731	Oversupply
10/7/2023 17:31	7:49	KWPPII	54.52057	21.10476	Oversupply
10/8/2023 1:21	5:20	KWPPII	28.62090	20.94908	Oversupply
10/8/2023 6:42	0:01	KWPPII	0.01040	13.62409	Oversupply
10/8/2023 6:48	0:04	KWPPII	0.01477	13.73685	Oversupply
10/8/2023 6:53	0:01	KWPPII	0.00028	13.25384	Oversupply
10/8/2023 6:57	6:00	KWPPII	361.25444	21.10576	Oversupply
10/8/2023 7:05	0:01	17-2	0.00045	0.02700	Oversupply
10/8/2023 7:07	0:01	17-2	0.00080	0.04800	Oversupply
10/8/2023 7:10	0:02	BS250	Data is not available	Data is not available	Oversupply
10/8/2023 7:11	8:42	17-2	4.05150	0.75000	Oversupply
10/8/2023 7:11	7:10	SSA3	4.79095	-0.00100	Oversupply
10/8/2023 7:13	0:01	BS250	Data is not available	Data is not available	Oversupply
10/8/2023 7:15	7:06	BS250	Data is not available	Data is not available	Oversupply
10/8/2023 7:45	0:01	AWE	0.00203	8.40000	Oversupply
10/8/2023 7:47	0:02	AWE	0.00634	9.60000	Oversupply
10/8/2023 7:50	0:01	AWE	0.00137	9.20000	Oversupply
10/8/2023 8:12	0:02	AWE	0.00730	13.60000	Oversupply
10/8/2023 8:18	0:01	AWE	0.00755	15.20000	Oversupply
10/8/2023 8:30	0:01	AWE	0.01103	13.20000	Oversupply
10/8/2023 8:33	0:02	AWE	0.02402	13.50000	Oversupply
10/8/2023 8:36	0:07	AWE	0.16506	14.20000	Oversupply
10/8/2023 8:44	4:57	AWE	40.28817	21.00000	Oversupply
10/8/2023 10:22	0:02	5A	Data is not available	Data is not available	Oversupply
10/8/2023 10:22	0:02	MS	Data is not available	Data is not available	Oversupply
10/8/2023 10:26	0:04	5A	Data is not available	Data is not available	Oversupply
10/8/2023 10:26	0:04	MS	Data is not available	Data is not available	Oversupply
10/8/2023 10:33	0:01	5A	Data is not available	Data is not available	Oversupply
10/8/2023 10:33	0:01	MS	Data is not available	Data is not available	Oversupply
10/8/2023 10:52	0:01	5A	Data is not available	Data is not available	Oversupply
10/8/2023 10:52	0:01	MS	Data is not available	Data is not available	Oversupply
10/8/2023 13:44	0:12	AWE	0.31513	21.00000	Oversupply
10/8/2023 14:20	0:02	SSA3	0.01006	-0.00300	Oversupply
10/8/2023 14:22	0:07	BS250	Data is not available	Data is not available	Oversupply
10/8/2023 14:22	0:06	SSA3	0.03019	0.02800	Oversupply
10/8/2023 14:28	0:02	SSA3	0.01073	0.37300	Oversupply
10/8/2023 14:31	1:21	BS250	Data is not available	Data is not available	Oversupply
10/8/2023 14:31	1:21	SSA3	0.40230	-0.00400	Oversupply
10/8/2023 15:51	0:02	SSA3	0.00400	0.02200	Oversupply
10/8/2023 16:32	0:14	BS250	Data is not available	Data is not available	Oversupply
10/8/2023 16:32	0:19	17-2	0.08965	0.45600	Oversupply
10/8/2023 16:32	0:16	SSA3	0.05752	0.11500	Oversupply
10/8/2023 16:47	0:01	BS250	Data is not available	Data is not available	Oversupply
10/8/2023 16:48	0:02	SSA3	0.00173	0.27100	Oversupply
10/8/2023 17:23	0:01	17-2	0.00160	0.09600	Oversupply
10/8/2023 23:00	0:07	AWE	0.59693	16.10000	Oversupply
10/8/2023 23:10	0:01	AWE	0.00192	10.70000	Oversupply
10/8/2023 23:23	0:07	AWE	0.51675	19.80000	Oversupply
10/9/2023 0:33	0:13	AWE	0.27905	19.00000	Oversupply
10/9/2023 0:56	0:14	AWE	0.68432	21.00000	Oversupply
10/9/2023 1:11	0:03	AWE	0.01850	15.30000	Oversupply
10/9/2023 6:17	0:06	BS250	Data is not available	Data is not available	Oversupply
10/9/2023 6:25	0:01	BS250	Data is not available	Data is not available	Oversupply
10/9/2023 6:31	0:05	BS250	Data is not available	Data is not available	Oversupply
10/9/2023 6:37	6:24	BS250	Data is not available	Data is not available	Oversupply
10/9/2023 6:38	6:24	SSA3	3.98316	0.00700	Oversupply
10/9/2023 6:50	6:12	17-2	2.28005	0.75000	Oversupply
10/9/2023 7:04	0:38	AWE	4.29353	21.00000	Oversupply
10/9/2023 7:43	0:01	AWE	0.00672	14.10000	Oversupply
10/9/2023 7:50	0:01	AWE	0.00348	14.20000	Oversupply
10/9/2023 7:52	4:53	AWE	40.31359	21.00000	Oversupply
10/9/2023 15:02	0:54	17-2	0.18944	0.75000	Oversupply
10/9/2023 15:03	0:53	SSA3	0.31254	0.65900	Oversupply
10/9/2023 15:05	0:50	BS250	Data is not available	Data is not available	Oversupply
10/9/2023 15:07	0:14	AWE	0.62417	17.00000	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/9/2023 15:07	0:49	KWP11	4.68199	13.19297	Oversupply
10/9/2023 20:37	0:11	KWP11	0.27615	15.29167	Oversupply
10/9/2023 20:52	0:08	KWP11	0.27621	16.57005	Oversupply
10/9/2023 21:01	0:04	KWP11	0.04338	14.40748	Oversupply
10/9/2023 21:07	0:04	KWP11	0.06240	14.86953	Oversupply
10/9/2023 21:12	0:03	KWP11	0.01726	13.68596	Oversupply
10/9/2023 21:16	0:06	KWP11	0.09084	14.70886	Oversupply
10/9/2023 21:25	0:09	KWP11	0.10915	14.10809	Oversupply
10/9/2023 21:35	0:01	KWP11	0.00925	13.55523	Oversupply
10/9/2023 21:38	0:06	KWP11	0.10608	15.47829	Oversupply
10/9/2023 21:45	5:40	KWP11	47.17652	18.68172	Oversupply
10/9/2023 22:47	0:09	AWE	0.18185	18.10000	Oversupply
10/9/2023 23:32	0:06	AWE	0.21186	11.70000	Oversupply
10/9/2023 23:41	0:56	AWE	3.11156	13.00000	Oversupply
10/10/2023 1:28	0:01	AWE	0.00500	0.30000	Oversupply
10/10/2023 1:39	0:03	AWE	0.02705	2.10000	Oversupply
10/10/2023 3:06	0:01	AWE	0.00333	0.20000	Oversupply
10/10/2023 5:32	7:52	KWP11	78.77287	18.66476	Oversupply
10/10/2023 5:38	0:08	AWE	0.06097	1.20000	Oversupply
10/10/2023 5:50	0:06	AWE	0.05392	1.00000	Oversupply
10/10/2023 5:57	0:01	AWE	0.00550	1.20000	Oversupply
10/10/2023 5:59	0:01	AWE	0.00701	0.50000	Oversupply
10/10/2023 6:03	0:01	AWE	0.01008	0.70000	Oversupply
10/10/2023 6:05	0:08	AWE	0.03408	1.00000	Oversupply
10/10/2023 6:17	7:20	BS250	Data is not available	Data is not available	Oversupply
10/10/2023 6:29	7:09	SSA3	3.49159	0.00500	Oversupply
10/10/2023 6:39	0:01	5A	Data is not available	Data is not available	Oversupply
10/10/2023 6:39	0:01	MS	Data is not available	Data is not available	Oversupply
10/10/2023 6:48	8:13	17-2	3.36893	0.75000	Oversupply
10/10/2023 6:50	0:39	AWE	1.88991	6.60000	Oversupply
10/10/2023 7:25	0:01	5A	Data is not available	Data is not available	Oversupply
10/10/2023 7:25	0:01	MS	Data is not available	Data is not available	Oversupply
10/10/2023 7:27	0:01	5A	Data is not available	Data is not available	Oversupply
10/10/2023 7:27	0:01	MS	Data is not available	Data is not available	Oversupply
10/10/2023 7:33	2:08	AWE	18.07345	21.00000	Oversupply
10/10/2023 7:36	0:01	5A	Data is not available	Data is not available	Oversupply
10/10/2023 7:36	0:01	MS	Data is not available	Data is not available	Oversupply
10/10/2023 7:38	0:07	5A	Data is not available	Data is not available	Oversupply
10/10/2023 7:38	0:07	MS	Data is not available	Data is not available	Oversupply
10/10/2023 7:46	0:05	5A	Data is not available	Data is not available	Oversupply
10/10/2023 7:46	0:05	MS	Data is not available	Data is not available	Oversupply
10/10/2023 7:52	0:01	5A	Data is not available	Data is not available	Oversupply
10/10/2023 7:52	0:01	MS	Data is not available	Data is not available	Oversupply
10/10/2023 7:54	0:02	5A	Data is not available	Data is not available	Oversupply
10/10/2023 7:54	0:02	MS	Data is not available	Data is not available	Oversupply
10/10/2023 8:09	0:05	5A	Data is not available	Data is not available	Oversupply
10/10/2023 8:09	0:05	MS	Data is not available	Data is not available	Oversupply
10/10/2023 8:15	0:02	5A	Data is not available	Data is not available	Oversupply
10/10/2023 8:15	0:02	MS	Data is not available	Data is not available	Oversupply
10/10/2023 8:20	0:01	5A	Data is not available	Data is not available	Oversupply
10/10/2023 8:20	0:01	MS	Data is not available	Data is not available	Oversupply
10/10/2023 8:37	0:01	5A	Data is not available	Data is not available	Oversupply
10/10/2023 8:37	0:01	MS	Data is not available	Data is not available	Oversupply
10/10/2023 8:39	0:06	5A	Data is not available	Data is not available	Oversupply
10/10/2023 8:39	0:06	MS	Data is not available	Data is not available	Oversupply
10/10/2023 8:47	0:01	5A	Data is not available	Data is not available	Oversupply
10/10/2023 8:47	0:01	MS	Data is not available	Data is not available	Oversupply
10/10/2023 8:53	0:06	5A	Data is not available	Data is not available	Oversupply
10/10/2023 8:53	0:06	MS	Data is not available	Data is not available	Oversupply
10/10/2023 9:00	0:03	5A	Data is not available	Data is not available	Oversupply
10/10/2023 9:00	0:03	MS	Data is not available	Data is not available	Oversupply
10/10/2023 9:04	0:01	5A	Data is not available	Data is not available	Oversupply
10/10/2023 9:04	0:01	MS	Data is not available	Data is not available	Oversupply
10/10/2023 9:14	0:02	5A	Data is not available	Data is not available	Oversupply
10/10/2023 9:14	0:02	MS	Data is not available	Data is not available	Oversupply
10/10/2023 9:42	0:16	AWE	0.43015	19.70000	Oversupply
10/10/2023 10:05	0:04	AWE	0.06102	20.50000	Oversupply
10/10/2023 10:11	0:04	AWE	0.04823	20.20000	Oversupply
10/10/2023 10:27	0:05	AWE	0.09668	21.00000	Oversupply
10/10/2023 10:43	1:37	AWE	12.06387	20.90000	Oversupply
10/10/2023 12:21	0:04	AWE	0.06416	16.10000	Oversupply
10/10/2023 12:26	0:01	AWE	0.00073	16.90000	Oversupply
10/10/2023 12:54	0:03	AWE	0.04702	18.80000	Oversupply
10/10/2023 13:02	0:02	AWE	0.02365	18.10000	Oversupply
10/10/2023 13:05	0:08	AWE	0.18749	17.80000	Oversupply



Maui Curtailment Report

October 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/10/2023 13:39	1:21	SSA3	0.53881	0.30000	Oversupply
10/10/2023 13:40	1:20	BS250	Data is not available	Data is not available	Oversupply
10/10/2023 13:47	0:08	KWPPII	0.42284	6.31207	Oversupply
10/10/2023 13:51	0:02	AWE	0.06711	18.40000	Oversupply
10/10/2023 14:00	1:00	KWPPII	6.44130	13.60812	Oversupply
10/10/2023 14:07	0:03	AWE	0.04140	18.50000	Oversupply
10/10/2023 14:36	0:01	AWE	0.00667	17.70000	Oversupply
10/10/2023 14:45	0:02	AWE	0.02315	18.10000	Oversupply
10/10/2023 15:32	0:42	17-2	0.15898	0.38500	Oversupply
10/10/2023 15:33	0:41	BS250	Data is not available	Data is not available	Oversupply
10/10/2023 15:33	0:41	SSA3	0.16419	0.11700	Oversupply
10/10/2023 15:39	0:31	KWPPII	2.60169	10.27994	Oversupply
10/10/2023 15:53	0:04	AWE	0.03151	19.00000	Oversupply
10/10/2023 16:11	0:01	KWPPII	0.00404	9.74803	Oversupply
10/10/2023 16:25	0:10	KWPPII	0.16312	14.38153	Oversupply
10/10/2023 16:27	0:01	BS250	Data is not available	Data is not available	Oversupply
10/10/2023 16:27	0:25	17-2	0.11047	0.46000	Oversupply
10/10/2023 16:27	0:24	SSA3	0.04915	0.00900	Oversupply
10/10/2023 16:29	0:23	BS250	Data is not available	Data is not available	Oversupply
10/10/2023 16:36	5:46	KWPPII	50.01974	21.04388	Oversupply
10/10/2023 16:58	0:05	BS250	Data is not available	Data is not available	Oversupply
10/10/2023 16:58	0:09	17-2	0.01178	0.09900	Oversupply
10/10/2023 16:58	0:02	SSA3	0.00154	0.02600	Oversupply
10/10/2023 17:00	0:04	SSA3	0.00255	0.00800	Oversupply
10/10/2023 17:04	0:01	BS250	Data is not available	Data is not available	Oversupply
10/10/2023 17:06	0:02	BS250	Data is not available	Data is not available	Oversupply
10/10/2023 17:06	0:02	SSA3	0.00128	0.01300	Oversupply
10/10/2023 19:50	0:17	AWE	0.61691	17.30000	Oversupply
10/10/2023 20:18	0:10	AWE	0.20380	17.80000	Oversupply
10/10/2023 20:31	0:01	AWE	0.00386	13.50000	Oversupply
10/10/2023 20:33	0:18	AWE	0.69182	17.20000	Oversupply
10/10/2023 20:52	0:04	AWE	0.02573	16.60000	Oversupply
10/10/2023 22:32	0:01	KWPPII	0.00275	12.97841	Oversupply
10/10/2023 22:36	0:02	KWPPII	0.01575	13.90850	Oversupply
10/10/2023 22:41	0:02	KWPPII	0.03328	13.11313	Oversupply
10/10/2023 22:44	1:02	KWPPII	5.53939	16.28164	Oversupply
10/10/2023 23:50	0:02	KWPPII	0.01406	8.99657	Oversupply
10/10/2023 23:54	0:01	KWPPII	0.00124	8.97860	Oversupply
10/10/2023 23:56	0:01	KWPPII	0.01159	9.10335	Oversupply
10/10/2023 23:59	0:09	KWPPII	0.13751	9.15824	Oversupply
10/11/2023 3:39	0:01	KWPPII	0.00283	3.19944	Oversupply
10/11/2023 3:47	0:02	KWPPII	0.01929	4.31915	Oversupply
10/11/2023 3:50	0:09	KWPPII	0.06501	4.62552	Oversupply
10/11/2023 4:00	0:02	KWPPII	0.01992	4.09062	Oversupply
10/11/2023 4:03	1:09	KWPPII	3.53811	10.76694	Oversupply
10/11/2023 5:13	0:01	KWPPII	0.00537	5.38097	Oversupply
10/11/2023 5:17	0:02	KWPPII	0.00468	6.50567	Oversupply
10/11/2023 5:20	0:35	KWPPII	2.07134	11.72897	Oversupply
10/11/2023 7:32	0:02	SSA3	0.00426	0.20000	Oversupply
10/11/2023 7:34	0:01	17-2	0.00105	0.06300	Oversupply
10/11/2023 7:36	0:01	17-2	0.00178	0.10700	Oversupply
10/11/2023 7:38	0:02	SSA3	0.00426	0.22600	Oversupply
10/11/2023 7:39	6:27	17-2	2.38698	0.75000	Oversupply
10/11/2023 7:40	0:14	BS250	Data is not available	Data is not available	Oversupply
10/11/2023 7:40	0:12	SSA3	0.04187	0.01400	Oversupply
10/11/2023 7:42	0:08	KWPPII	0.25364	12.89558	Oversupply
10/11/2023 7:52	0:02	KWPPII	0.03079	11.57129	Oversupply
10/11/2023 7:52	0:02	SSA3	0.00907	0.00400	Oversupply
10/11/2023 7:54	6:09	SSA3	3.18840	0.21700	Oversupply
10/11/2023 7:55	6:07	BS250	Data is not available	Data is not available	Oversupply
10/11/2023 7:56	6:07	KWPPII	44.70865	15.98924	Oversupply
10/11/2023 8:35	0:03	AWE	0.03896	7.00000	Oversupply
10/11/2023 8:39	0:24	AWE	0.90271	7.50000	Oversupply
10/11/2023 9:05	0:04	AWE	0.06063	8.20000	Oversupply
10/11/2023 9:11	0:01	AWE	0.00137	9.50000	Oversupply
10/11/2023 9:34	0:05	AWE	0.07101	7.20000	Oversupply
10/11/2023 9:41	1:32	AWE	6.14040	14.20000	Oversupply
10/11/2023 10:25	0:01	5A	Data is not available	Data is not available	Oversupply
10/11/2023 10:25	0:01	MS	Data is not available	Data is not available	Oversupply
10/11/2023 10:27	0:02	5A	Data is not available	Data is not available	Oversupply
10/11/2023 10:27	0:02	MS	Data is not available	Data is not available	Oversupply
10/11/2023 10:33	0:03	5A	Data is not available	Data is not available	Oversupply
10/11/2023 10:33	0:03	MS	Data is not available	Data is not available	Oversupply
10/11/2023 10:37	0:02	5A	Data is not available	Data is not available	Oversupply
10/11/2023 10:37	0:02	MS	Data is not available	Data is not available	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/11/2023 10:38	0:01	KWP	0.00267	1.68000	Oversupply
10/11/2023 10:40	0:03	5A	Data is not available	Data is not available	Oversupply
10/11/2023 10:40	0:03	MS	Data is not available	Data is not available	Oversupply
10/11/2023 10:45	0:01	5A	Data is not available	Data is not available	Oversupply
10/11/2023 10:45	0:01	MS	Data is not available	Data is not available	Oversupply
10/11/2023 11:18	0:01	AWE	0.00137	11.10000	Oversupply
10/11/2023 11:26	0:08	AWE	0.12484	13.10000	Oversupply
10/11/2023 11:35	1:36	AWE	6.38689	13.40000	Oversupply
10/11/2023 11:57	0:02	5A	Data is not available	Data is not available	Oversupply
10/11/2023 11:57	0:02	MS	Data is not available	Data is not available	Oversupply
10/11/2023 12:01	0:01	5A	Data is not available	Data is not available	Oversupply
10/11/2023 12:01	0:01	MS	Data is not available	Data is not available	Oversupply
10/11/2023 12:03	0:15	5A	Data is not available	Data is not available	Oversupply
10/11/2023 12:03	0:15	MS	Data is not available	Data is not available	Oversupply
10/11/2023 12:06	0:01	KWP	0.00267	2.64000	Oversupply
10/11/2023 12:14	0:01	KWP	0.00133	0.08000	Oversupply
10/11/2023 12:16	0:02	KWP	0.00267	0.08000	Oversupply
10/11/2023 13:01	0:01	5A	Data is not available	Data is not available	Oversupply
10/11/2023 13:01	0:01	MS	Data is not available	Data is not available	Oversupply
10/11/2023 13:14	0:06	AWE	0.30456	10.80000	Oversupply
10/11/2023 13:29	0:03	AWE	0.02274	12.60000	Oversupply
10/11/2023 13:33	0:01	AWE	0.01273	13.20000	Oversupply
10/11/2023 14:03	0:01	BS250	Data is not available	Data is not available	Oversupply
10/11/2023 14:03	0:02	SSA3	0.01380	0.30900	Oversupply
10/11/2023 14:07	0:42	17-2	0.37977	0.75000	Oversupply
10/11/2023 14:07	0:02	SSA3	0.01380	0.54800	Oversupply
10/11/2023 14:08	0:37	BS250	Data is not available	Data is not available	Oversupply
10/11/2023 14:09	0:36	SSA3	0.36549	-0.00400	Oversupply
10/11/2023 14:15	0:27	KWPPII	1.73879	10.88170	Oversupply
10/11/2023 14:43	0:01	KWPPII	0.00966	7.98364	Oversupply
10/11/2023 14:45	0:01	KWPPII	0.00433	8.85186	Oversupply
10/11/2023 14:50	1:31	17-2	0.67215	0.75000	Oversupply
10/11/2023 14:50	0:02	SSA3	0.01020	0.71500	Oversupply
10/11/2023 14:54	0:02	SSA3	0.01011	0.66600	Oversupply
10/11/2023 14:55	1:05	BS250	Data is not available	Data is not available	Oversupply
10/11/2023 14:56	1:04	KWPPII	8.35356	15.27870	Oversupply
10/11/2023 14:56	1:05	SSA3	0.51312	0.00800	Oversupply
10/11/2023 15:10	0:17	AWE	0.54380	19.60000	Oversupply
10/11/2023 16:00	0:02	SSA3	0.01141	0.45700	Oversupply
10/11/2023 16:02	0:17	BS250	Data is not available	Data is not available	Oversupply
10/11/2023 16:02	0:16	SSA3	0.08008	0.01000	Oversupply
10/11/2023 16:04	0:15	KWPPII	0.53580	14.04223	Oversupply
10/11/2023 16:20	0:02	SSA3	0.00399	0.27800	Oversupply
10/11/2023 16:22	0:01	17-2	0.00197	0.26400	Oversupply
10/11/2023 16:26	0:03	17-2	0.01442	0.31200	Oversupply
10/11/2023 16:26	0:02	SSA3	0.00399	0.00800	Oversupply
10/11/2023 16:27	0:01	BS250	Data is not available	Data is not available	Oversupply
10/11/2023 16:30	0:02	BS250	Data is not available	Data is not available	Oversupply
10/11/2023 16:30	0:03	17-2	0.01270	0.27600	Oversupply
10/11/2023 16:31	0:02	SSA3	0.00120	0.01300	Oversupply
10/11/2023 17:48	0:26	BS250	Data is not available	Data is not available	Oversupply
10/11/2023 17:49	0:05	17-2	0.00280	0.06200	Oversupply
10/11/2023 17:50	1:13	KWPPII	10.43716	17.92128	Oversupply
10/11/2023 19:55	0:01	KWPPII	0.02486	14.49131	Oversupply
10/11/2023 19:57	5:02	KWPPII	63.04794	19.55294	Oversupply
10/11/2023 20:29	0:02	AWE	0.04405	12.30000	Oversupply
10/11/2023 20:33	0:32	AWE	2.02961	14.80000	Oversupply
10/11/2023 21:06	0:09	AWE	0.09392	12.20000	Oversupply
10/12/2023 1:00	2:57	KWPPII	26.63035	17.95322	Oversupply
10/12/2023 4:22	0:09	KWPPII	0.08445	9.06543	Oversupply
10/12/2023 4:36	0:22	KWPPII	0.47643	10.16418	Oversupply
10/12/2023 5:01	0:01	KWPPII	0.00851	11.66310	Oversupply
10/12/2023 7:22	0:02	SSA3	0.00344	0.15500	Oversupply
10/12/2023 7:24	0:01	BS250	Data is not available	Data is not available	Oversupply
10/12/2023 7:24	0:01	17-2	0.00072	0.04300	Oversupply
10/12/2023 7:26	0:10	SSA3	0.02325	0.08700	Oversupply
10/12/2023 7:27	0:08	BS250	Data is not available	Data is not available	Oversupply
10/12/2023 7:27	0:11	17-2	0.01428	0.10500	Oversupply
10/12/2023 7:36	0:01	BS250	Data is not available	Data is not available	Oversupply
10/12/2023 7:40	6:11	SSA3	3.68462	0.20600	Oversupply
10/12/2023 7:41	6:11	BS250	Data is not available	Data is not available	Oversupply
10/12/2023 7:41	6:12	17-2	2.03453	0.75000	Oversupply
10/12/2023 7:44	0:28	KWPPII	2.26025	11.51341	Oversupply
10/12/2023 7:59	0:01	AWE	0.00451	16.20000	Oversupply
10/12/2023 8:20	0:02	KWPPII	0.01155	9.06343	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/12/2023 8:23	0:01	KWP	0.00586	8.44470	Oversupply
10/12/2023 8:25	0:01	KWP	0.00132	8.19720	Oversupply
10/12/2023 8:36	0:01	KWP	0.00653	10.09033	Oversupply
10/12/2023 8:44	5:08	KWP	58.96503	17.19577	Oversupply
10/12/2023 8:54	4:37	AWE	24.98731	14.60000	Oversupply
10/12/2023 9:07	0:01	5A	Data is not available	Data is not available	Oversupply
10/12/2023 9:07	0:01	MS	Data is not available	Data is not available	Oversupply
10/12/2023 9:13	0:09	5A	Data is not available	Data is not available	Oversupply
10/12/2023 9:13	0:09	MS	Data is not available	Data is not available	Oversupply
10/12/2023 9:17	0:01	KWP	0.00533	12.40000	Oversupply
10/12/2023 9:20	0:01	KWP	0.00267	11.12000	Oversupply
10/12/2023 9:23	0:01	5A	Data is not available	Data is not available	Oversupply
10/12/2023 9:23	0:01	MS	Data is not available	Data is not available	Oversupply
10/12/2023 9:25	0:04	5A	Data is not available	Data is not available	Oversupply
10/12/2023 9:25	0:04	MS	Data is not available	Data is not available	Oversupply
10/12/2023 9:27	0:01	KWP	0.00103	8.08000	Oversupply
10/12/2023 9:30	0:01	5A	Data is not available	Data is not available	Oversupply
10/12/2023 9:30	0:01	MS	Data is not available	Data is not available	Oversupply
10/12/2023 9:32	0:01	5A	Data is not available	Data is not available	Oversupply
10/12/2023 9:32	0:01	MS	Data is not available	Data is not available	Oversupply
10/12/2023 9:34	0:03	5A	Data is not available	Data is not available	Oversupply
10/12/2023 9:34	0:03	MS	Data is not available	Data is not available	Oversupply
10/12/2023 9:35	0:02	KWP	0.01157	10.80000	Oversupply
10/12/2023 9:40	0:01	5A	Data is not available	Data is not available	Oversupply
10/12/2023 9:40	0:01	MS	Data is not available	Data is not available	Oversupply
10/12/2023 9:44	0:05	5A	Data is not available	Data is not available	Oversupply
10/12/2023 9:44	0:05	MS	Data is not available	Data is not available	Oversupply
10/12/2023 9:46	0:01	KWP	0.00009	11.28000	Oversupply
10/12/2023 9:48	0:01	KWP	0.00194	11.28000	Oversupply
10/12/2023 9:51	0:03	5A	Data is not available	Data is not available	Oversupply
10/12/2023 9:51	0:03	MS	Data is not available	Data is not available	Oversupply
10/12/2023 9:55	0:03	5A	Data is not available	Data is not available	Oversupply
10/12/2023 9:55	0:03	MS	Data is not available	Data is not available	Oversupply
10/12/2023 10:00	0:01	5A	Data is not available	Data is not available	Oversupply
10/12/2023 10:00	0:01	MS	Data is not available	Data is not available	Oversupply
10/12/2023 10:24	0:01	5A	Data is not available	Data is not available	Oversupply
10/12/2023 10:24	0:01	MS	Data is not available	Data is not available	Oversupply
10/12/2023 10:46	0:01	5A	Data is not available	Data is not available	Oversupply
10/12/2023 10:46	0:01	MS	Data is not available	Data is not available	Oversupply
10/12/2023 10:53	0:01	5A	Data is not available	Data is not available	Oversupply
10/12/2023 10:53	0:01	MS	Data is not available	Data is not available	Oversupply
10/12/2023 12:09	0:01	5A	Data is not available	Data is not available	Oversupply
10/12/2023 12:09	0:01	MS	Data is not available	Data is not available	Oversupply
10/12/2023 12:11	0:02	5A	Data is not available	Data is not available	Oversupply
10/12/2023 12:11	0:02	MS	Data is not available	Data is not available	Oversupply
10/12/2023 12:14	0:01	5A	Data is not available	Data is not available	Oversupply
10/12/2023 12:14	0:01	MS	Data is not available	Data is not available	Oversupply
10/12/2023 12:16	0:02	5A	Data is not available	Data is not available	Oversupply
10/12/2023 12:16	0:02	MS	Data is not available	Data is not available	Oversupply
10/12/2023 12:19	0:06	5A	Data is not available	Data is not available	Oversupply
10/12/2023 12:19	0:06	MS	Data is not available	Data is not available	Oversupply
10/12/2023 12:26	0:01	5A	Data is not available	Data is not available	Oversupply
10/12/2023 12:26	0:01	MS	Data is not available	Data is not available	Oversupply
10/12/2023 12:28	0:01	5A	Data is not available	Data is not available	Oversupply
10/12/2023 12:28	0:01	MS	Data is not available	Data is not available	Oversupply
10/12/2023 12:31	0:06	5A	Data is not available	Data is not available	Oversupply
10/12/2023 12:31	0:06	MS	Data is not available	Data is not available	Oversupply
10/12/2023 12:36	0:01	KWP	0.00267	5.04000	Oversupply
10/12/2023 12:39	0:02	5A	Data is not available	Data is not available	Oversupply
10/12/2023 12:39	0:02	MS	Data is not available	Data is not available	Oversupply
10/12/2023 12:57	0:02	5A	Data is not available	Data is not available	Oversupply
10/12/2023 12:57	0:02	MS	Data is not available	Data is not available	Oversupply
10/12/2023 13:54	7:32	KWP	48.15068	21.01494	Oversupply
10/12/2023 13:58	0:06	BS250	Data is not available	Data is not available	Oversupply
10/12/2023 13:58	0:09	17-2	0.03054	0.25500	Oversupply
10/12/2023 13:58	0:06	SSA3	0.01862	0.15500	Oversupply
10/12/2023 14:04	0:02	SSA3	0.00561	-0.00300	Oversupply
10/12/2023 14:09	1:37	BS250	Data is not available	Data is not available	Oversupply
10/12/2023 14:09	1:40	17-2	0.31707	0.75000	Oversupply
10/12/2023 14:10	0:02	SSA3	0.00561	0.02700	Oversupply
10/12/2023 14:12	1:35	SSA3	0.55195	0.01100	Oversupply
10/12/2023 14:35	0:01	AWE	0.00337	10.30000	Oversupply
10/12/2023 14:41	0:03	AWE	0.01284	13.10000	Oversupply
10/12/2023 14:45	0:01	AWE	0.00755	13.50000	Oversupply
10/12/2023 14:54	0:04	AWE	0.06969	11.30000	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/12/2023 14:59	0:01	AWE	0.00354	10.10000	Oversupply
10/12/2023 15:01	0:01	AWE	0.00487	9.70000	Oversupply
10/12/2023 15:03	0:01	AWE	0.00208	10.50000	Oversupply
10/12/2023 15:47	0:02	SSA3	-0.00046	0.53500	Oversupply
10/12/2023 21:28	1:51	KWPPII	7.89001	20.53592	Oversupply
10/12/2023 23:33	0:37	KWPPII	3.67074	20.30739	Oversupply
10/13/2023 0:16	3:26	KWPPII	24.67968	20.17367	Oversupply
10/13/2023 0:36	0:01	AWE	0.00896	4.90000	Oversupply
10/13/2023 0:42	0:14	AWE	0.52718	9.80000	Oversupply
10/13/2023 1:01	0:07	AWE	0.14604	8.20000	Oversupply
10/13/2023 1:12	0:01	AWE	0.01036	7.40000	Oversupply
10/13/2023 1:14	0:02	AWE	0.00526	5.80000	Oversupply
10/13/2023 2:04	0:01	AWE	0.01452	11.30000	Oversupply
10/13/2023 2:06	0:02	AWE	0.06541	11.70000	Oversupply
10/13/2023 2:17	0:23	AWE	0.74309	13.90000	Oversupply
10/13/2023 2:41	0:15	AWE	0.30354	12.50000	Oversupply
10/13/2023 3:07	0:03	AWE	0.00542	5.70000	Oversupply
10/13/2023 3:43	0:01	KWPPII	0.00089	7.14237	Oversupply
10/13/2023 3:57	0:01	KWPPII	0.00956	8.57743	Oversupply
10/13/2023 3:59	0:04	KWPPII	0.04639	10.13324	Oversupply
10/13/2023 4:05	0:36	KWPPII	2.89383	11.58626	Oversupply
10/13/2023 4:18	0:09	AWE	0.27434	15.10000	Oversupply
10/13/2023 6:51	0:03	KWPPII	0.02863	13.75582	Oversupply
10/13/2023 7:30	0:02	KWPPII	0.01350	13.88755	Oversupply
10/13/2023 7:34	0:01	KWPPII	0.00759	13.45543	Oversupply
10/13/2023 7:39	0:01	KWPPII	0.00034	13.02032	Oversupply
10/13/2023 8:20	0:03	BS250	Data is not available	Data is not available	Oversupply
10/13/2023 8:22	1:31	SSA3	0.77443	0.01200	Oversupply
10/13/2023 8:24	1:29	BS250	Data is not available	Data is not available	Oversupply
10/13/2023 8:25	1:29	KWPPII	5.15495	12.09322	Oversupply
10/13/2023 9:53	0:02	SSA3	0.01411	0.06300	Oversupply
10/14/2023 10:09	0:01	KWPPII	0.00068	0.04092	Oversupply
10/15/2023 8:48	0:01	BS250	Data is not available	Data is not available	Oversupply
10/15/2023 8:57	0:06	BS250	Data is not available	Data is not available	Oversupply
10/15/2023 8:57	0:08	SSA3	0.01837	0.00800	Oversupply
10/15/2023 8:58	0:05	AWE	0.04816	4.30000	Oversupply
10/15/2023 9:04	0:01	BS250	Data is not available	Data is not available	Oversupply
10/15/2023 9:05	0:02	SSA3	0.00460	0.45500	Oversupply
10/15/2023 9:57	0:02	SSA3	0.00351	0.11300	Oversupply
10/15/2023 9:58	0:28	BS250	Data is not available	Data is not available	Oversupply
10/15/2023 9:58	0:01	AWE	0.00318	10.70000	Oversupply
10/15/2023 9:59	0:07	KWPPII	0.02877	0.78938	Oversupply
10/15/2023 9:59	0:26	SSA3	0.26322	0.01900	Oversupply
10/15/2023 10:02	0:24	AWE	1.00789	11.80000	Oversupply
10/15/2023 10:08	0:01	KWPPII	0.00002	0.00100	Oversupply
10/15/2023 10:12	0:01	KWPPII	0.00040	0.02395	Oversupply
10/15/2023 10:17	0:09	KWPPII	0.13171	1.21052	Oversupply
10/15/2023 10:30	0:07	BS250	Data is not available	Data is not available	Oversupply
10/15/2023 10:30	0:08	SSA3	0.09508	0.20200	Oversupply
10/15/2023 10:31	0:03	KWPPII	0.02834	1.12170	Oversupply
10/15/2023 10:35	0:03	KWPPII	0.02787	1.88314	Oversupply
10/15/2023 10:38	0:02	SSA3	0.02372	0.73500	Oversupply
10/15/2023 10:39	0:22	BS250	Data is not available	Data is not available	Oversupply
10/15/2023 10:40	0:21	KWPPII	0.21051	1.37818	Oversupply
10/15/2023 10:40	0:22	SSA3	0.27953	0.00100	Oversupply
10/15/2023 10:43	0:01	AWE	0.00729	12.50000	Oversupply
10/15/2023 10:48	0:05	AWE	0.01715	11.90000	Oversupply
10/15/2023 10:55	0:01	AWE	0.00095	12.20000	Oversupply
10/15/2023 10:58	0:01	AWE	0.00021	12.50000	Oversupply
10/15/2023 11:02	0:02	SSA3	0.00950	0.35400	Oversupply
10/15/2023 11:03	0:01	BS250	Data is not available	Data is not available	Oversupply
10/15/2023 11:04	0:02	SSA3	0.00958	0.12700	Oversupply
10/15/2023 11:05	0:02	BS250	Data is not available	Data is not available	Oversupply
10/15/2023 11:06	0:02	KWPPII	0.02248	1.10573	Oversupply
10/15/2023 11:06	0:02	SSA3	0.00950	0.01500	Oversupply
10/15/2023 11:08	0:02	BS250	Data is not available	Data is not available	Oversupply
10/15/2023 11:08	0:02	SSA3	0.00950	0.03400	Oversupply
10/15/2023 11:09	0:02	KWPPII	0.02486	1.13767	Oversupply
10/15/2023 11:32	0:02	SSA3	0.00514	0.27900	Oversupply
10/15/2023 11:33	0:01	BS250	Data is not available	Data is not available	Oversupply
10/15/2023 12:09	0:02	SSA3	0.00256	1.01900	Oversupply
10/15/2023 16:40	0:01	KWPPII	0.00163	0.09780	Oversupply
10/15/2023 17:14	0:01	KWPPII	0.00053	0.03193	Oversupply
10/15/2023 19:05	0:08	KWPPII	0.15126	15.68886	Oversupply
10/15/2023 19:14	1:06	KWPPII	2.28220	16.81255	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/15/2023 20:21	0:11	KWPPII	0.27917	16.04213	Oversupply
10/15/2023 20:33	0:08	KWPPII	0.15882	15.07910	Oversupply
10/15/2023 23:08	0:18	KWPPII	0.34807	8.93968	Oversupply
10/16/2023 3:38	0:03	KWPPII	0.04539	4.81813	Oversupply
10/16/2023 3:53	0:01	KWPPII	0.00321	6.32105	Oversupply
10/16/2023 4:00	0:31	KWPPII	0.80709	6.74318	Oversupply
10/16/2023 4:34	0:14	KWPPII	0.35727	5.40493	Oversupply
10/16/2023 9:23	0:01	BS250	Data is not available	Data is not available	Oversupply
10/16/2023 9:24	0:01	KWPPII	0.00455	1.70251	Oversupply
10/16/2023 9:24	0:02	SSA3	0.00375	0.16600	Oversupply
10/16/2023 9:30	0:01	BS250	Data is not available	Data is not available	Oversupply
10/16/2023 9:30	0:02	SSA3	0.02196	0.30300	Oversupply
10/16/2023 9:32	0:09	BS250	Data is not available	Data is not available	Oversupply
10/16/2023 9:32	2:18	SSA3	1.65152	0.28200	Oversupply
10/16/2023 9:34	0:05	KWPPII	0.07605	2.54978	Oversupply
10/16/2023 9:40	1:52	KWPPII	2.27145	3.38407	Oversupply
10/16/2023 9:42	2:09	BS250	Data is not available	Data is not available	Oversupply
10/16/2023 9:47	1:13	AWE	4.19585	14.30000	Oversupply
10/16/2023 11:01	0:01	AWE	0.00955	14.80000	Oversupply
10/16/2023 11:06	0:03	AWE	0.00844	14.40000	Oversupply
10/16/2023 11:11	0:40	AWE	1.23330	14.40000	Oversupply
10/16/2023 11:19	2:33	17-2	1.57579	0.75000	Oversupply
10/16/2023 11:35	0:16	KWPPII	0.10730	1.11771	Oversupply
10/16/2023 11:50	0:02	SSA3	0.02544	0.05600	Oversupply
10/16/2023 11:52	0:02	SSA3	0.02544	0.50400	Oversupply
10/16/2023 11:54	0:02	SSA3	0.02607	0.57000	Oversupply
10/16/2023 11:56	0:02	SSA3	0.02565	0.69100	Oversupply
10/16/2023 11:57	1:13	BS250	Data is not available	Data is not available	Oversupply
10/16/2023 11:57	0:03	KWPPII	0.01424	0.59079	Oversupply
10/16/2023 11:57	0:09	AWE	0.16104	14.50000	Oversupply
10/16/2023 11:58	1:19	SSA3	0.99091	0.00900	Oversupply
10/16/2023 12:01	0:53	KWPPII	0.40918	1.88214	Oversupply
10/16/2023 12:07	0:56	AWE	1.31656	14.80000	Oversupply
10/16/2023 13:04	0:06	KWPPII	0.01635	0.38321	Oversupply
10/16/2023 13:05	0:05	AWE	0.03879	14.80000	Oversupply
10/16/2023 13:11	0:01	BS250	Data is not available	Data is not available	Oversupply
10/16/2023 13:12	0:04	AWE	0.02746	15.80000	Oversupply
10/16/2023 13:13	0:02	BS250	Data is not available	Data is not available	Oversupply
10/16/2023 13:16	0:02	SSA3	0.02659	-0.00400	Oversupply
10/16/2023 13:18	0:02	BS250	Data is not available	Data is not available	Oversupply
10/16/2023 13:18	0:04	AWE	0.02566	16.50000	Oversupply
10/16/2023 13:18	0:02	SSA3	0.02637	-0.00400	Oversupply
10/16/2023 13:20	0:02	SSA3	0.02659	0.27600	Oversupply
10/16/2023 13:21	0:01	BS250	Data is not available	Data is not available	Oversupply
10/16/2023 13:22	0:04	SSA3	0.05297	0.38900	Oversupply
10/16/2023 13:23	0:01	BS250	Data is not available	Data is not available	Oversupply
10/16/2023 13:23	0:01	AWE	0.00970	16.00000	Oversupply
10/16/2023 13:25	0:01	AWE	0.00639	16.20000	Oversupply
10/16/2023 13:25	0:01	KWPPII	0.00032	0.01896	Oversupply
10/16/2023 13:26	0:01	BS250	Data is not available	Data is not available	Oversupply
10/16/2023 13:26	0:02	SSA3	0.02659	-0.00300	Oversupply
10/16/2023 13:28	0:02	BS250	Data is not available	Data is not available	Oversupply
10/16/2023 13:28	0:03	AWE	0.01717	16.10000	Oversupply
10/16/2023 13:28	0:02	SSA3	0.01776	-0.00300	Oversupply
10/16/2023 13:30	0:02	SSA3	0.00527	0.06700	Oversupply
10/16/2023 13:31	0:01	BS250	Data is not available	Data is not available	Oversupply
10/16/2023 13:32	0:02	SSA3	0.00531	0.52500	Oversupply
10/16/2023 13:34	0:02	SSA3	0.00527	0.57400	Oversupply
10/16/2023 13:38	0:01	BS250	Data is not available	Data is not available	Oversupply
10/16/2023 13:40	0:02	SSA3	0.00527	0.62300	Oversupply
10/16/2023 13:43	0:02	SSA3	0.00521	0.62700	Oversupply
10/16/2023 13:47	0:02	SSA3	-0.00321	0.83300	Oversupply
10/16/2023 13:53	0:12	17-2	0.10638	0.75000	Oversupply
10/16/2023 13:57	0:02	SSA3	-0.00324	0.83600	Oversupply
10/16/2023 14:07	0:01	17-2	0.00445	0.75000	Oversupply
10/16/2023 14:10	0:03	17-2	0.03090	0.75000	Oversupply
10/16/2023 14:14	0:02	17-2	0.00643	0.75000	Oversupply
10/17/2023 3:21	0:01	AWE	0.00259	19.70000	Oversupply
10/17/2023 3:26	0:01	AWE	0.00050	19.10000	Oversupply
10/17/2023 3:35	0:01	AWE	0.00130	18.80000	Oversupply
10/17/2023 3:37	0:01	AWE	0.00476	18.80000	Oversupply
10/17/2023 6:56	0:01	AWE	0.00500	0.30000	Oversupply
10/17/2023 10:08	0:01	KWPPII	0.00047	0.02794	Oversupply
10/17/2023 10:57	0:02	SSA3	0.00489	0.51000	Oversupply
10/17/2023 10:59	0:01	KWPPII	0.00032	0.41914	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/17/2023 10:59	0:02	SSA3	0.01189	0.25100	Oversupply
10/17/2023 11:03	0:02	SSA3	0.01520	0.80900	Oversupply
10/17/2023 11:07	0:02	SSA3	0.01520	0.81400	Oversupply
10/17/2023 11:09	0:02	BS250	Data is not available	Data is not available	Oversupply
10/17/2023 11:09	0:06	SSA3	0.04629	0.36000	Oversupply
10/17/2023 11:10	0:02	AWE	0.02138	8.30000	Oversupply
10/17/2023 11:10	0:02	KWPPII	0.00980	0.38122	Oversupply
10/17/2023 11:12	0:09	BS250	Data is not available	Data is not available	Oversupply
10/17/2023 11:13	0:01	AWE	0.00753	7.70000	Oversupply
10/17/2023 11:13	0:08	KWPPII	0.03317	0.47802	Oversupply
10/17/2023 11:15	0:04	SSA3	0.03730	0.03600	Oversupply
10/17/2023 11:16	0:01	AWE	0.00635	7.10000	Oversupply
10/17/2023 11:18	0:02	AWE	0.00706	7.50000	Oversupply
10/17/2023 11:19	0:02	SSA3	0.01858	0.01900	Oversupply
10/17/2023 11:21	0:02	SSA3	0.01858	0.39500	Oversupply
10/17/2023 11:25	0:02	SSA3	0.01873	0.74200	Oversupply
10/17/2023 11:26	0:01	BS250	Data is not available	Data is not available	Oversupply
10/17/2023 11:27	0:02	SSA3	0.01858	0.53600	Oversupply
10/17/2023 11:28	0:04	BS250	Data is not available	Data is not available	Oversupply
10/17/2023 11:29	0:01	AWE	0.00017	8.10000	Oversupply
10/17/2023 11:29	0:03	KWPPII	0.01419	0.59079	Oversupply
10/17/2023 11:29	0:02	SSA3	0.01278	0.01100	Oversupply
10/17/2023 11:31	0:01	AWE	0.00636	7.50000	Oversupply
10/17/2023 11:31	0:02	SSA3	0.01240	0.08400	Oversupply
10/17/2023 11:33	0:02	SSA3	0.01251	0.04800	Oversupply
10/17/2023 11:34	0:01	KWPPII	0.00080	0.48800	Oversupply
10/17/2023 11:35	0:02	SSA3	0.01240	0.59800	Oversupply
10/17/2023 11:39	0:02	SSA3	0.01240	0.53800	Oversupply
10/17/2023 11:41	0:02	SSA3	0.01240	0.85500	Oversupply
10/17/2023 11:45	0:02	SSA3	0.00476	0.86200	Oversupply
10/17/2023 11:47	0:02	SSA3	0.00480	0.29900	Oversupply
10/17/2023 11:49	0:02	SSA3	0.00480	0.83100	Oversupply
10/17/2023 12:18	0:02	SSA3	0.01257	0.85900	Oversupply
10/17/2023 12:20	0:02	SSA3	0.01278	0.86100	Oversupply
10/17/2023 12:21	0:01	BS250	Data is not available	Data is not available	Oversupply
10/17/2023 12:24	0:01	BS250	Data is not available	Data is not available	Oversupply
10/17/2023 12:24	0:02	SSA3	0.01257	0.64900	Oversupply
10/17/2023 12:25	0:02	KWPPII	0.00446	1.18757	Oversupply
10/17/2023 12:26	0:02	BS250	Data is not available	Data is not available	Oversupply
10/17/2023 12:26	0:04	SSA3	0.02792	0.00500	Oversupply
10/17/2023 12:28	0:04	KWPPII	0.02064	0.95305	Oversupply
10/17/2023 12:29	0:02	BS250	Data is not available	Data is not available	Oversupply
10/17/2023 12:30	0:02	SSA3	0.02731	0.14100	Oversupply
10/17/2023 12:32	0:03	BS250	Data is not available	Data is not available	Oversupply
10/17/2023 12:32	0:04	SSA3	0.05529	0.00800	Oversupply
10/17/2023 12:33	0:02	KWPPII	0.01234	0.75146	Oversupply
10/17/2023 12:34	0:01	AWE	0.00895	8.70000	Oversupply
10/17/2023 12:36	0:02	SSA3	0.02708	0.57100	Oversupply
10/17/2023 12:37	0:04	BS250	Data is not available	Data is not available	Oversupply
10/17/2023 12:38	0:03	KWPPII	0.03533	0.92510	Oversupply
10/17/2023 12:38	0:02	SSA3	0.02708	0.01600	Oversupply
10/17/2023 12:39	0:02	AWE	0.01881	8.50000	Oversupply
10/17/2023 12:40	0:02	SSA3	0.02708	0.12500	Oversupply
10/17/2023 12:42	0:01	AWE	0.00142	7.20000	Oversupply
10/17/2023 12:42	0:23	KWPPII	0.22785	1.29135	Oversupply
10/17/2023 12:42	0:08	SSA3	0.11179	0.04800	Oversupply
10/17/2023 12:43	0:23	BS250	Data is not available	Data is not available	Oversupply
10/17/2023 12:44	0:01	AWE	0.00307	7.30000	Oversupply
10/17/2023 12:47	0:02	AWE	0.00640	7.70000	Oversupply
10/17/2023 12:50	0:01	AWE	0.00292	7.50000	Oversupply
10/17/2023 12:50	0:02	SSA3	0.02852	0.00900	Oversupply
10/17/2023 12:52	0:12	SSA3	0.13353	0.00700	Oversupply
10/17/2023 12:55	0:03	AWE	0.02551	8.50000	Oversupply
10/17/2023 12:59	0:01	AWE	0.01236	8.70000	Oversupply
10/17/2023 13:01	0:01	AWE	0.00586	8.50000	Oversupply
10/17/2023 13:03	0:01	AWE	0.00303	8.70000	Oversupply
10/17/2023 13:04	0:02	SSA3	0.01298	0.17800	Oversupply
10/17/2023 13:06	0:01	KWPPII	0.00444	0.88918	Oversupply
10/17/2023 13:08	0:02	SSA3	0.01288	0.82400	Oversupply
10/17/2023 13:10	0:02	SSA3	0.01288	0.80000	Oversupply
10/17/2023 13:22	0:02	SSA3	0.00144	0.81500	Oversupply
10/17/2023 13:26	0:02	SSA3	0.00144	0.81800	Oversupply
10/18/2023 7:29	0:02	SSA3	0.00164	0.17800	Oversupply
10/18/2023 7:41	7:04	BS250	Data is not available	Data is not available	Oversupply
10/18/2023 7:41	7:04	KWPPII	38.74475	12.57623	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/18/2023 7:41	7:04	SSA3	4.85752	0.01300	Oversupply
10/18/2023 8:16	0:45	AWE	1.41916	14.60000	Oversupply
10/18/2023 9:08	0:07	AWE	0.10593	15.10000	Oversupply
10/18/2023 9:16	0:04	AWE	0.04417	12.80000	Oversupply
10/18/2023 9:21	0:01	AWE	0.00133	12.40000	Oversupply
10/18/2023 9:25	0:01	AWE	0.00221	11.60000	Oversupply
10/18/2023 9:27	0:06	AWE	0.05753	12.80000	Oversupply
10/18/2023 9:35	0:03	AWE	0.05790	13.10000	Oversupply
10/18/2023 9:41	0:01	AWE	0.00671	12.50000	Oversupply
10/18/2023 9:43	4:52	AWE	33.46162	18.90000	Oversupply
10/18/2023 10:30	0:05	5A	Data is not available	Data is not available	Oversupply
10/18/2023 10:30	0:05	MS	Data is not available	Data is not available	Oversupply
10/18/2023 10:32	0:01	KWP	0.00800	5.04000	Oversupply
10/18/2023 10:36	0:02	5A	Data is not available	Data is not available	Oversupply
10/18/2023 10:36	0:02	MS	Data is not available	Data is not available	Oversupply
10/18/2023 14:36	0:02	AWE	0.04851	18.60000	Oversupply
10/18/2023 14:52	0:01	BS250	Data is not available	Data is not available	Oversupply
10/18/2023 14:52	0:02	SSA3	0.00171	0.43100	Oversupply
10/18/2023 22:26	4:42	KWP	27.03866	17.25664	Oversupply
10/19/2023 3:17	0:01	KWP	0.01431	9.47658	Oversupply
10/19/2023 8:44	0:02	SSA3	0.00530	0.47400	Oversupply
10/19/2023 8:48	0:02	SSA3	0.01108	0.48800	Oversupply
10/19/2023 8:51	0:04	BS250	Data is not available	Data is not available	Oversupply
10/19/2023 8:52	0:01	KWP	0.00274	9.61231	Oversupply
10/19/2023 8:52	0:04	SSA3	0.02215	0.00700	Oversupply
10/19/2023 8:54	0:02	KWP	0.01250	8.93469	Oversupply
10/19/2023 8:56	0:02	SSA3	0.01108	-0.00200	Oversupply
10/19/2023 8:58	0:02	SSA3	0.01008	-0.00200	Oversupply
10/19/2023 9:00	0:02	SSA3	0.00071	0.25000	Oversupply
10/19/2023 9:02	0:02	SSA3	0.00072	0.53200	Oversupply
10/19/2023 9:16	0:02	SSA3	0.00635	0.58400	Oversupply
10/19/2023 9:22	0:01	BS250	Data is not available	Data is not available	Oversupply
10/19/2023 9:22	0:02	SSA3	0.00635	0.49600	Oversupply
10/19/2023 9:25	0:39	BS250	Data is not available	Data is not available	Oversupply
10/19/2023 9:26	0:30	KWP	1.15241	9.81589	Oversupply
10/19/2023 9:26	0:36	SSA3	0.39816	0.07400	Oversupply
10/19/2023 9:57	0:07	KWP	0.04563	8.28103	Oversupply
10/19/2023 10:02	0:02	SSA3	0.01016	0.02400	Oversupply
10/19/2023 10:04	0:04	SSA3	0.02039	0.28100	Oversupply
10/19/2023 10:05	0:02	BS250	Data is not available	Data is not available	Oversupply
10/19/2023 10:06	0:03	KWP	0.01484	8.77203	Oversupply
10/19/2023 10:08	0:01	BS250	Data is not available	Data is not available	Oversupply
10/19/2023 10:08	0:02	SSA3	0.01016	-0.00400	Oversupply
10/19/2023 10:10	0:02	SSA3	0.01016	-0.00400	Oversupply
10/19/2023 10:12	1:01	BS250	Data is not available	Data is not available	Oversupply
10/19/2023 10:12	1:01	SSA3	0.19663	0.01400	Oversupply
10/19/2023 10:13	1:01	KWP	3.48424	8.71714	Oversupply
10/19/2023 10:26	0:01	AWE	0.00146	8.10000	Oversupply
10/19/2023 10:30	0:09	AWE	0.08762	8.50000	Oversupply
10/19/2023 11:03	0:04	AWE	0.04465	11.10000	Oversupply
10/19/2023 11:11	0:01	AWE	0.00207	9.50000	Oversupply
10/19/2023 11:14	0:20	BS250	Data is not available	Data is not available	Oversupply
10/19/2023 11:15	0:20	KWP	0.51046	4.98578	Oversupply
10/19/2023 11:15	0:20	SSA3	0.20762	-0.00300	Oversupply
10/19/2023 11:19	0:01	AWE	0.01061	11.70000	Oversupply
10/19/2023 11:35	0:02	SSA3	0.01611	0.93000	Oversupply
10/19/2023 11:39	0:02	SSA3	0.01611	0.90400	Oversupply
10/19/2023 11:40	1:31	BS250	Data is not available	Data is not available	Oversupply
10/19/2023 11:41	1:35	SSA3	1.32124	0.01000	Oversupply
10/19/2023 11:42	1:30	KWP	6.91121	7.78605	Oversupply
10/19/2023 11:45	0:02	AWE	0.00916	10.40000	Oversupply
10/19/2023 11:53	0:02	AWE	0.00790	9.50000	Oversupply
10/19/2023 12:01	0:01	AWE	0.00888	8.80000	Oversupply
10/19/2023 12:03	0:01	AWE	0.00036	7.20000	Oversupply
10/19/2023 12:05	0:02	AWE	0.02171	7.40000	Oversupply
10/19/2023 12:11	0:02	AWE	0.01289	6.50000	Oversupply
10/19/2023 12:15	0:01	AWE	0.00862	5.50000	Oversupply
10/19/2023 12:22	0:02	AWE	0.02101	6.50000	Oversupply
10/19/2023 12:31	0:09	AWE	0.10941	8.30000	Oversupply
10/19/2023 12:41	0:02	AWE	0.02156	6.90000	Oversupply
10/19/2023 12:46	0:02	AWE	0.01627	5.40000	Oversupply
10/19/2023 12:49	0:01	AWE	0.00068	4.40000	Oversupply
10/19/2023 12:51	0:01	AWE	0.00169	5.40000	Oversupply
10/19/2023 13:13	0:02	BS250	Data is not available	Data is not available	Oversupply
10/19/2023 13:13	0:01	KWP	0.00141	6.04262	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/19/2023 13:15	0:05	KWP11	0.02308	5.41590	Oversupply
10/19/2023 13:16	0:03	BS250	Data is not available	Data is not available	Oversupply
10/19/2023 13:16	0:02	SSA3	0.01711	0.05700	Oversupply
10/19/2023 13:18	0:02	SSA3	0.01697	-0.00400	Oversupply
10/19/2023 13:20	0:02	SSA3	0.01683	-0.00300	Oversupply
10/19/2023 13:22	0:02	BS250	Data is not available	Data is not available	Oversupply
10/19/2023 13:22	0:02	SSA3	0.01683	-0.00300	Oversupply
10/19/2023 13:23	0:01	KWP11	0.00271	5.17340	Oversupply
10/19/2023 13:24	0:02	SSA3	0.01683	0.50000	Oversupply
10/19/2023 13:39	0:02	SSA3	0.00017	0.83500	Oversupply
10/19/2023 13:42	0:01	BS250	Data is not available	Data is not available	Oversupply
10/19/2023 13:43	0:02	SSA3	0.00017	0.47100	Oversupply
10/19/2023 14:13	0:01	17-2	0.00117	0.75000	Oversupply
10/19/2023 14:15	0:04	17-2	0.02566	0.75000	Oversupply
10/19/2023 14:20	0:04	17-2	0.03807	0.75000	Oversupply
10/20/2023 1:06	0:29	KWP11	0.72968	9.44365	Oversupply
10/20/2023 1:37	0:04	KWP11	0.01689	6.24321	Oversupply
10/20/2023 1:42	0:01	KWP11	0.00185	6.44979	Oversupply
10/20/2023 2:54	0:03	KWP11	0.00290	4.86403	Oversupply
10/20/2023 2:59	0:01	KWP11	0.00149	4.53870	Oversupply
10/20/2023 3:01	0:04	KWP11	0.02039	4.86902	Oversupply
10/20/2023 5:00	0:19	KWP11	0.53043	8.24111	Oversupply
10/20/2023 8:26	4:20	SSA3	1.92899	0.40300	Oversupply
10/20/2023 8:27	0:01	BS250	Data is not available	Data is not available	Oversupply
10/20/2023 8:27	4:20	17-2	2.85441	0.75000	Oversupply
10/20/2023 8:29	4:17	BS250	Data is not available	Data is not available	Oversupply
10/20/2023 8:30	4:14	KWP11	15.07590	9.49654	Oversupply
10/20/2023 8:56	0:05	AWE	0.04332	3.10000	Oversupply
10/20/2023 9:03	0:04	AWE	0.06488	3.00000	Oversupply
10/20/2023 9:08	0:03	AWE	0.03114	4.00000	Oversupply
10/20/2023 9:12	0:02	AWE	0.01169	3.20000	Oversupply
10/20/2023 9:16	0:01	AWE	0.00196	3.20000	Oversupply
10/20/2023 9:19	0:05	AWE	0.08756	4.70000	Oversupply
10/20/2023 9:27	0:01	AWE	0.01184	3.70000	Oversupply
10/20/2023 9:29	0:04	AWE	0.01977	3.60000	Oversupply
10/20/2023 9:37	1:30	AWE	4.62018	10.70000	Oversupply
10/20/2023 9:55	0:14	5A	Data is not available	Data is not available	Oversupply
10/20/2023 9:55	0:14	MS	Data is not available	Data is not available	Oversupply
10/20/2023 11:08	0:05	AWE	0.06085	10.30000	Oversupply
10/20/2023 11:14	0:05	AWE	0.07747	9.70000	Oversupply
10/20/2023 11:20	0:02	AWE	0.01683	10.10000	Oversupply
10/20/2023 11:23	0:04	AWE	0.06637	11.30000	Oversupply
10/20/2023 11:28	0:08	AWE	0.08088	11.10000	Oversupply
10/20/2023 11:37	0:02	AWE	0.01291	11.50000	Oversupply
10/20/2023 11:56	0:04	AWE	0.07946	12.00000	Oversupply
10/20/2023 12:01	0:12	AWE	0.07983	11.40000	Oversupply
10/20/2023 12:14	0:01	AWE	0.00503	10.00000	Oversupply
10/20/2023 12:18	0:14	AWE	0.33388	9.40000	Oversupply
10/20/2023 12:33	0:05	AWE	0.02073	9.70000	Oversupply
10/20/2023 12:39	0:02	AWE	0.02940	10.00000	Oversupply
10/20/2023 12:42	0:02	AWE	0.03207	9.40000	Oversupply
10/20/2023 12:45	0:01	KWP11	0.00923	0.67362	Oversupply
10/20/2023 12:50	0:20	17-2	0.19931	0.75000	Oversupply
10/20/2023 12:51	0:01	BS250	Data is not available	Data is not available	Oversupply
10/20/2023 12:51	0:02	SSA3	0.00303	0.22100	Oversupply
10/20/2023 12:52	0:02	AWE	0.01472	10.20000	Oversupply
10/20/2023 12:53	0:04	BS250	Data is not available	Data is not available	Oversupply
10/20/2023 12:53	0:01	KWP11	0.00057	0.03393	Oversupply
10/20/2023 12:53	0:02	SSA3	0.00303	0.02400	Oversupply
10/20/2023 12:55	0:03	AWE	0.04106	9.60000	Oversupply
10/20/2023 12:55	0:02	SSA3	0.00303	0.01200	Oversupply
10/20/2023 12:57	0:02	SSA3	0.00303	0.04000	Oversupply
10/20/2023 12:59	0:01	AWE	0.00083	9.00000	Oversupply
10/20/2023 12:59	0:02	SSA3	0.00217	0.07800	Oversupply
10/20/2023 13:00	0:01	BS250	Data is not available	Data is not available	Oversupply
10/20/2023 13:03	0:04	AWE	0.02413	10.60000	Oversupply
10/20/2023 13:03	0:06	SSA3	0.01092	0.14500	Oversupply
10/20/2023 13:04	0:03	BS250	Data is not available	Data is not available	Oversupply
10/20/2023 13:08	0:01	BS250	Data is not available	Data is not available	Oversupply
10/20/2023 13:09	0:01	AWE	0.00933	9.00000	Oversupply
10/20/2023 13:09	0:02	SSA3	0.00363	0.16000	Oversupply
10/20/2023 13:11	0:02	17-2	0.01635	0.71900	Oversupply
10/20/2023 13:11	0:02	SSA3	0.00363	0.27000	Oversupply
10/20/2023 13:17	0:07	17-2	0.01903	0.29300	Oversupply
10/20/2023 13:19	0:01	BS250	Data is not available	Data is not available	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/20/2023 13:19	0:02	SSA3	-0.00026	0.31800	Oversupply
10/20/2023 13:21	0:02	SSA3	-0.00026	0.33100	Oversupply
10/20/2023 13:25	0:02	17-2	0.00395	0.21100	Oversupply
10/20/2023 13:25	0:02	SSA3	-0.00027	0.31200	Oversupply
10/20/2023 13:31	0:02	SSA3	0.00105	0.30800	Oversupply
10/20/2023 13:32	0:01	17-2	0.00333	0.20000	Oversupply
10/20/2023 14:36	0:01	17-2	0.00150	0.75000	Oversupply
10/22/2023 15:00	0:01	AWE	0.00167	0.10000	Oversupply
10/22/2023 15:06	0:01	AWE	0.00167	0.10000	Oversupply
10/22/2023 15:21	0:01	AWE	0.00167	0.10000	Oversupply
10/23/2023 0:32	0:02	KWPPII	0.03182	6.39689	Oversupply
10/23/2023 0:36	0:06	KWPPII	0.06153	6.25119	Oversupply
10/23/2023 0:44	0:01	KWPPII	0.00502	5.73026	Oversupply
10/23/2023 0:46	0:02	KWPPII	0.00429	6.06258	Oversupply
10/23/2023 1:41	0:01	KWPPII	0.00007	4.90295	Oversupply
10/23/2023 1:46	0:01	KWPPII	0.00336	4.75127	Oversupply
10/23/2023 2:15	0:02	KWPPII	0.01005	7.72118	Oversupply
10/23/2023 2:20	0:01	KWPPII	0.00485	6.66035	Oversupply
10/23/2023 2:25	0:04	KWPPII	0.03997	5.80810	Oversupply
10/23/2023 2:32	0:01	KWPPII	0.00067	5.77916	Oversupply
10/23/2023 2:34	0:03	KWPPII	0.00699	5.78215	Oversupply
10/23/2023 2:41	0:01	KWPPII	0.00105	5.55163	Oversupply
10/23/2023 2:46	0:12	KWPPII	0.18427	6.40188	Oversupply
10/23/2023 2:59	0:17	KWPPII	0.33131	5.98773	Oversupply
10/23/2023 3:17	0:01	KWPPII	0.00901	6.58950	Oversupply
10/23/2023 3:21	0:49	KWPPII	2.14826	7.74613	Oversupply
10/23/2023 4:11	1:02	KWPPII	2.96418	9.78395	Oversupply
10/23/2023 5:14	0:02	KWPPII	0.01769	9.57239	Oversupply
10/23/2023 7:23	0:01	BS250	Data is not available	Data is not available	Oversupply
10/23/2023 7:24	0:01	KWPPII	0.00358	13.30175	Oversupply
10/23/2023 7:27	0:01	KWPPII	0.00084	13.05026	Oversupply
10/23/2023 7:36	0:11	BS250	Data is not available	Data is not available	Oversupply
10/23/2023 7:36	0:13	17-2	0.06419	0.34700	Oversupply
10/23/2023 7:37	0:10	SSA3	0.02010	0.05600	Oversupply
10/23/2023 7:39	0:04	KWPPII	0.03298	12.07226	Oversupply
10/23/2023 7:47	0:02	SSA3	0.00155	0.31400	Oversupply
10/23/2023 8:03	0:20	BS250	Data is not available	Data is not available	Oversupply
10/23/2023 8:03	0:20	SSA3	0.09121	0.01700	Oversupply
10/23/2023 8:04	0:20	17-2	0.12627	0.46600	Oversupply
10/23/2023 8:06	0:15	KWPPII	0.41654	10.21607	Oversupply
10/23/2023 8:29	4:49	BS250	Data is not available	Data is not available	Oversupply
10/23/2023 8:29	5:11	SSA3	3.61317	0.00500	Oversupply
10/23/2023 8:30	5:28	17-2	2.97878	0.75000	Oversupply
10/23/2023 8:32	0:03	KWPPII	0.02435	10.32584	Oversupply
10/23/2023 8:36	4:42	KWPPII	23.18307	11.58826	Oversupply
10/23/2023 8:57	0:01	5A	Data is not available	Data is not available	Oversupply
10/23/2023 8:57	0:01	MS	Data is not available	Data is not available	Oversupply
10/23/2023 8:57	0:01	AWE	0.00917	1.10000	Oversupply
10/23/2023 9:35	0:01	AWE	0.00296	0.70000	Oversupply
10/23/2023 10:05	0:04	5A	Data is not available	Data is not available	Oversupply
10/23/2023 10:05	0:04	MS	Data is not available	Data is not available	Oversupply
10/23/2023 10:05	0:07	AWE	0.12842	1.80000	Oversupply
10/23/2023 10:10	0:01	5A	Data is not available	Data is not available	Oversupply
10/23/2023 10:10	0:01	MS	Data is not available	Data is not available	Oversupply
10/23/2023 10:12	0:01	5A	Data is not available	Data is not available	Oversupply
10/23/2023 10:12	0:01	MS	Data is not available	Data is not available	Oversupply
10/23/2023 10:13	0:02	AWE	0.01762	0.80000	Oversupply
10/23/2023 10:14	0:01	5A	Data is not available	Data is not available	Oversupply
10/23/2023 10:14	0:01	MS	Data is not available	Data is not available	Oversupply
10/23/2023 10:16	0:16	AWE	0.23578	1.40000	Oversupply
10/23/2023 10:18	0:04	5A	Data is not available	Data is not available	Oversupply
10/23/2023 10:18	0:04	MS	Data is not available	Data is not available	Oversupply
10/23/2023 10:20	0:02	KWP	0.00800	12.72000	Oversupply
10/23/2023 10:23	0:02	5A	Data is not available	Data is not available	Oversupply
10/23/2023 10:23	0:02	MS	Data is not available	Data is not available	Oversupply
10/23/2023 10:23	0:01	KWP	0.00267	9.52000	Oversupply
10/23/2023 10:26	0:01	5A	Data is not available	Data is not available	Oversupply
10/23/2023 10:26	0:01	MS	Data is not available	Data is not available	Oversupply
10/23/2023 10:28	0:01	5A	Data is not available	Data is not available	Oversupply
10/23/2023 10:28	0:01	MS	Data is not available	Data is not available	Oversupply
10/23/2023 10:33	0:09	AWE	0.10122	1.30000	Oversupply
10/23/2023 10:34	0:01	5A	Data is not available	Data is not available	Oversupply
10/23/2023 10:34	0:01	MS	Data is not available	Data is not available	Oversupply
10/23/2023 10:36	0:06	5A	Data is not available	Data is not available	Oversupply
10/23/2023 10:36	0:06	MS	Data is not available	Data is not available	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/23/2023 10:43	0:01	AWE	0.00906	0.70000	Oversupply
10/23/2023 10:47	0:23	AWE	0.37071	2.80000	Oversupply
10/23/2023 10:49	0:01	5A	Data is not available	Data is not available	Oversupply
10/23/2023 10:49	0:01	MS	Data is not available	Data is not available	Oversupply
10/23/2023 10:52	0:04	5A	Data is not available	Data is not available	Oversupply
10/23/2023 10:52	0:04	MS	Data is not available	Data is not available	Oversupply
10/23/2023 10:57	0:02	5A	Data is not available	Data is not available	Oversupply
10/23/2023 10:57	0:02	MS	Data is not available	Data is not available	Oversupply
10/23/2023 11:03	0:01	5A	Data is not available	Data is not available	Oversupply
10/23/2023 11:03	0:01	MS	Data is not available	Data is not available	Oversupply
10/23/2023 11:07	0:01	5A	Data is not available	Data is not available	Oversupply
10/23/2023 11:07	0:01	MS	Data is not available	Data is not available	Oversupply
10/23/2023 11:13	0:01	AWE	0.01274	3.90000	Oversupply
10/23/2023 11:15	0:03	AWE	0.03402	3.30000	Oversupply
10/23/2023 11:19	0:02	5A	Data is not available	Data is not available	Oversupply
10/23/2023 11:19	0:02	MS	Data is not available	Data is not available	Oversupply
10/23/2023 11:19	0:31	AWE	0.81116	2.70000	Oversupply
10/23/2023 11:22	0:02	5A	Data is not available	Data is not available	Oversupply
10/23/2023 11:22	0:02	MS	Data is not available	Data is not available	Oversupply
10/23/2023 11:25	0:04	5A	Data is not available	Data is not available	Oversupply
10/23/2023 11:25	0:04	MS	Data is not available	Data is not available	Oversupply
10/23/2023 11:26	0:01	KWP	0.00267	8.56000	Oversupply
10/23/2023 11:30	0:06	5A	Data is not available	Data is not available	Oversupply
10/23/2023 11:30	0:06	MS	Data is not available	Data is not available	Oversupply
10/23/2023 11:30	0:01	KWP	0.00267	6.32000	Oversupply
10/23/2023 11:37	0:02	5A	Data is not available	Data is not available	Oversupply
10/23/2023 11:37	0:02	MS	Data is not available	Data is not available	Oversupply
10/23/2023 11:40	0:08	5A	Data is not available	Data is not available	Oversupply
10/23/2023 11:40	0:08	MS	Data is not available	Data is not available	Oversupply
10/23/2023 11:51	1:23	AWE	2.54132	4.70000	Oversupply
10/23/2023 11:52	0:08	5A	Data is not available	Data is not available	Oversupply
10/23/2023 11:52	0:08	MS	Data is not available	Data is not available	Oversupply
10/23/2023 11:55	0:02	KWP	0.01067	7.92000	Oversupply
10/23/2023 12:02	0:03	5A	Data is not available	Data is not available	Oversupply
10/23/2023 12:02	0:03	MS	Data is not available	Data is not available	Oversupply
10/23/2023 12:07	0:01	5A	Data is not available	Data is not available	Oversupply
10/23/2023 12:07	0:01	MS	Data is not available	Data is not available	Oversupply
10/23/2023 12:09	0:05	5A	Data is not available	Data is not available	Oversupply
10/23/2023 12:09	0:05	MS	Data is not available	Data is not available	Oversupply
10/23/2023 12:13	0:01	KWP	0.00185	6.00000	Oversupply
10/23/2023 12:15	0:03	5A	Data is not available	Data is not available	Oversupply
10/23/2023 12:15	0:03	MS	Data is not available	Data is not available	Oversupply
10/23/2023 12:19	0:03	5A	Data is not available	Data is not available	Oversupply
10/23/2023 12:19	0:03	MS	Data is not available	Data is not available	Oversupply
10/23/2023 12:24	0:01	5A	Data is not available	Data is not available	Oversupply
10/23/2023 12:24	0:01	MS	Data is not available	Data is not available	Oversupply
10/23/2023 12:26	0:02	5A	Data is not available	Data is not available	Oversupply
10/23/2023 12:26	0:02	MS	Data is not available	Data is not available	Oversupply
10/23/2023 12:31	0:04	5A	Data is not available	Data is not available	Oversupply
10/23/2023 12:31	0:04	MS	Data is not available	Data is not available	Oversupply
10/23/2023 12:32	0:01	KWP	0.00533	10.96000	Oversupply
10/23/2023 12:39	0:08	5A	Data is not available	Data is not available	Oversupply
10/23/2023 12:39	0:08	MS	Data is not available	Data is not available	Oversupply
10/23/2023 12:49	0:08	5A	Data is not available	Data is not available	Oversupply
10/23/2023 12:49	0:08	MS	Data is not available	Data is not available	Oversupply
10/23/2023 13:00	0:02	5A	Data is not available	Data is not available	Oversupply
10/23/2023 13:00	0:02	MS	Data is not available	Data is not available	Oversupply
10/23/2023 13:04	0:10	5A	Data is not available	Data is not available	Oversupply
10/23/2023 13:04	0:10	MS	Data is not available	Data is not available	Oversupply
10/23/2023 13:19	0:37	BS250	Data is not available	Data is not available	Oversupply
10/23/2023 13:19	0:22	KWP	1.13642	5.95680	Oversupply
10/23/2023 13:25	0:08	AWE	0.15176	4.90000	Oversupply
10/23/2023 13:40	0:02	SSA3	0.02133	0.31500	Oversupply
10/23/2023 13:42	0:14	KWP	0.70239	4.95784	Oversupply
10/23/2023 13:42	0:14	SSA3	0.10962	-0.00300	Oversupply
10/23/2023 13:45	0:01	AWE	0.00001	8.20000	Oversupply
10/23/2023 13:48	0:02	AWE	0.05321	8.00000	Oversupply
10/23/2023 13:56	0:02	SSA3	0.01408	0.36100	Oversupply
10/23/2023 13:59	0:19	17-2	0.23318	0.75000	Oversupply
10/23/2023 14:00	0:09	BS250	Data is not available	Data is not available	Oversupply
10/23/2023 14:00	0:09	KWP	0.14203	7.23118	Oversupply
10/23/2023 14:00	0:08	SSA3	0.06632	0.00700	Oversupply
10/23/2023 14:10	0:02	SSA3	0.01658	0.48600	Oversupply
10/23/2023 14:11	0:04	BS250	Data is not available	Data is not available	Oversupply
10/23/2023 14:12	0:02	SSA3	0.01644	-0.00400	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/23/2023 14:14	0:02	KWP11	0.02832	6.29510	Oversupply
10/23/2023 14:14	0:02	SSA3	0.01016	-0.00300	Oversupply
10/23/2023 14:19	0:07	17-2	0.07482	0.75000	Oversupply
10/23/2023 14:20	0:02	SSA3	0.00406	0.32200	Oversupply
10/23/2023 14:31	0:02	17-2	0.01547	0.75000	Oversupply
10/23/2023 14:31	0:02	SSA3	-0.00045	0.29700	Oversupply
10/23/2023 14:45	0:01	17-2	0.00234	0.75000	Oversupply
10/23/2023 14:48	0:01	17-2	0.00398	0.75000	Oversupply
10/24/2023 11:57	0:55	17-2	0.56552	0.75000	Oversupply
10/24/2023 12:03	0:01	BS250	Data is not available	Data is not available	Oversupply
10/24/2023 12:03	0:02	SSA3	0.01531	0.53400	Oversupply
10/24/2023 12:05	0:02	SSA3	0.01531	0.73300	Oversupply
10/24/2023 12:09	0:02	SSA3	0.01543	0.59600	Oversupply
10/24/2023 12:10	0:05	BS250	Data is not available	Data is not available	Oversupply
10/24/2023 12:11	0:02	KWP11	0.01785	5.52069	Oversupply
10/24/2023 12:11	0:04	SSA3	0.03511	-0.00500	Oversupply
10/24/2023 12:14	0:02	KWP11	0.01723	5.18338	Oversupply
10/24/2023 12:15	0:02	SSA3	0.02624	-0.00400	Oversupply
10/24/2023 12:19	0:02	SSA3	0.02646	0.81900	Oversupply
10/24/2023 12:21	0:05	BS250	Data is not available	Data is not available	Oversupply
10/24/2023 12:21	0:14	SSA3	0.14309	0.06500	Oversupply
10/24/2023 12:23	0:11	KWP11	0.20147	5.05764	Oversupply
10/24/2023 12:27	0:08	BS250	Data is not available	Data is not available	Oversupply
10/24/2023 12:35	0:01	KWP11	0.00804	5.84403	Oversupply
10/24/2023 12:36	0:02	SSA3	0.01282	0.26500	Oversupply
10/24/2023 12:38	0:02	SSA3	0.01271	0.88100	Oversupply
10/24/2023 12:44	0:02	SSA3	0.00658	0.78100	Oversupply
10/24/2023 12:48	0:02	SSA3	0.00186	0.68800	Oversupply
10/24/2023 12:53	0:01	17-2	0.00645	0.38700	Oversupply
10/24/2023 12:57	0:01	17-2	0.00938	0.56300	Oversupply
10/24/2023 12:59	0:17	17-2	0.13088	0.75000	Oversupply
10/24/2023 13:02	0:02	SSA3	0.00398	0.83400	Oversupply
10/24/2023 13:06	0:02	SSA3	0.00391	0.87200	Oversupply
10/24/2023 13:10	0:01	BS250	Data is not available	Data is not available	Oversupply
10/24/2023 13:10	0:02	SSA3	0.00391	0.64700	Oversupply
10/24/2023 13:12	0:02	SSA3	0.00391	0.79600	Oversupply
10/24/2023 13:21	0:05	17-2	0.04297	0.75000	Oversupply
10/24/2023 13:31	0:02	17-2	0.01274	0.75000	Oversupply
10/25/2023 7:55	0:01	AWE	0.00167	0.10000	Oversupply
10/25/2023 7:57	0:01	AWE	0.00167	0.10000	Oversupply
10/25/2023 9:44	0:01	17-2	0.00021	0.74500	Oversupply
10/25/2023 9:47	0:12	17-2	0.09427	0.75000	Oversupply
10/25/2023 11:09	0:01	17-2	0.00030	0.75000	Oversupply
10/25/2023 11:17	0:14	17-2	0.08319	0.75000	Oversupply
10/25/2023 11:33	0:01	17-2	0.00798	0.75000	Oversupply
10/25/2023 11:36	0:02	17-2	0.00247	0.55600	Oversupply
10/25/2023 11:40	0:01	17-2	0.00480	0.28800	Oversupply
10/25/2023 11:43	0:31	17-2	0.21910	0.75000	Oversupply
10/25/2023 12:51	0:08	17-2	0.04164	0.57200	Oversupply
10/25/2023 13:00	0:01	17-2	0.00078	0.75000	Oversupply
10/26/2023 2:45	0:01	AWE	0.00333	0.20000	Oversupply
10/26/2023 6:56	0:01	AWE	0.00333	0.20000	Oversupply
10/26/2023 8:57	0:01	17-2	0.00291	0.61700	Oversupply
10/26/2023 9:04	0:25	17-2	0.25436	0.71600	Oversupply
10/26/2023 9:09	0:02	BS250	Data is not available	Data is not available	Oversupply
10/26/2023 9:09	0:02	SSA3	0.00285	0.38500	Oversupply
10/26/2023 9:10	0:01	AWE	0.01169	7.20000	Oversupply
10/26/2023 9:11	0:02	SSA3	0.00283	0.30600	Oversupply
10/26/2023 9:15	0:02	SSA3	0.01077	0.41400	Oversupply
10/26/2023 9:19	0:05	BS250	Data is not available	Data is not available	Oversupply
10/26/2023 9:19	0:06	SSA3	0.03230	0.16100	Oversupply
10/26/2023 9:20	0:04	AWE	0.03208	7.40000	Oversupply
10/26/2023 9:25	0:02	SSA3	0.01077	-0.00400	Oversupply
10/26/2023 9:32	3:38	17-2	1.81683	0.75000	Oversupply
10/26/2023 9:34	0:04	BS250	Data is not available	Data is not available	Oversupply
10/26/2023 9:35	0:02	AWE	0.02124	7.00000	Oversupply
10/26/2023 9:35	0:04	SSA3	0.03131	0.17800	Oversupply
10/26/2023 9:38	0:01	AWE	0.00107	5.60000	Oversupply
10/26/2023 9:39	0:02	SSA3	0.01566	-0.00300	Oversupply
10/26/2023 9:40	0:02	BS250	Data is not available	Data is not available	Oversupply
10/26/2023 9:41	0:22	AWE	0.99012	8.00000	Oversupply
10/26/2023 9:41	0:02	SSA3	0.01566	-0.00300	Oversupply
10/26/2023 9:43	0:20	BS250	Data is not available	Data is not available	Oversupply
10/26/2023 9:43	0:20	SSA3	0.21089	0.27700	Oversupply
10/26/2023 10:05	0:02	SSA3	0.01575	0.38000	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/26/2023 10:07	0:06	BS250	Data is not available	Data is not available	Oversupply
10/26/2023 10:07	0:07	AWE	0.08422	8.40000	Oversupply
10/26/2023 10:07	0:06	SSA3	0.04724	0.01900	Oversupply
10/26/2023 10:13	0:02	SSA3	0.01235	0.45400	Oversupply
10/26/2023 10:23	0:08	BS250	Data is not available	Data is not available	Oversupply
10/26/2023 10:24	0:07	AWE	0.09029	6.20000	Oversupply
10/26/2023 10:24	0:08	SSA3	0.06433	0.37800	Oversupply
10/26/2023 10:25	0:01	KWPPI	0.00283	0.16965	Oversupply
10/26/2023 10:32	2:13	BS250	Data is not available	Data is not available	Oversupply
10/26/2023 10:32	1:13	SSA3	0.99315	0.02000	Oversupply
10/26/2023 10:33	0:01	KWPPI	0.00065	0.03892	Oversupply
10/26/2023 10:33	1:12	AWE	2.57267	6.70000	Oversupply
10/26/2023 10:35	0:01	KWPPI	0.00196	0.11776	Oversupply
10/26/2023 11:44	0:57	SSA3	0.84910	0.21000	Oversupply
10/26/2023 11:46	0:55	AWE	2.02168	6.30000	Oversupply
10/26/2023 12:33	0:02	KWPPI	0.00138	0.05988	Oversupply
10/26/2023 12:36	0:08	KWPPI	0.05572	0.54488	Oversupply
10/26/2023 12:41	0:02	SSA3	0.02993	0.00700	Oversupply
10/26/2023 12:42	0:02	AWE	0.01507	5.70000	Oversupply
10/26/2023 12:43	0:04	SSA3	0.03430	0.01400	Oversupply
10/26/2023 12:45	0:01	AWE	0.00052	5.50000	Oversupply
10/26/2023 12:47	0:02	SSA3	0.00954	0.71500	Oversupply
10/26/2023 12:49	0:01	BS250	Data is not available	Data is not available	Oversupply
10/26/2023 12:54	0:01	BS250	Data is not available	Data is not available	Oversupply
10/26/2023 12:55	0:04	SSA3	0.01931	0.34800	Oversupply
10/26/2023 12:56	0:01	AWE	0.00619	7.50000	Oversupply
10/26/2023 12:59	0:01	BS250	Data is not available	Data is not available	Oversupply
10/26/2023 12:59	0:01	AWE	0.00019	9.10000	Oversupply
10/26/2023 12:59	0:02	SSA3	0.00503	0.13200	Oversupply
10/26/2023 13:03	0:02	SSA3	0.00348	0.84700	Oversupply
10/26/2023 13:11	0:03	17-2	0.01370	0.27400	Oversupply
10/27/2023 8:29	4:59	17-2	2.73697	0.75000	Oversupply
10/27/2023 8:29	0:02	SSA3	0.00458	0.29300	Oversupply
10/27/2023 8:30	0:01	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 8:30	0:01	AWE	0.00435	5.40000	Oversupply
10/27/2023 8:31	0:02	SSA3	0.00799	0.09600	Oversupply
10/27/2023 8:32	0:02	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 8:33	0:02	AWE	0.00488	4.90000	Oversupply
10/27/2023 8:33	0:02	SSA3	0.00799	-0.00300	Oversupply
10/27/2023 8:35	0:01	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 8:35	0:02	SSA3	0.00799	-0.00300	Oversupply
10/27/2023 8:36	0:01	AWE	0.00902	5.40000	Oversupply
10/27/2023 8:39	0:02	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 8:39	0:02	SSA3	0.00799	0.18400	Oversupply
10/27/2023 8:41	0:02	SSA3	0.00799	0.47700	Oversupply
10/27/2023 8:42	0:01	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 8:43	0:01	AWE	0.01619	7.10000	Oversupply
10/27/2023 8:45	0:06	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 8:45	0:18	SSA3	0.14390	0.01500	Oversupply
10/27/2023 8:46	0:06	AWE	0.07328	6.80000	Oversupply
10/27/2023 8:53	0:08	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 8:53	0:01	AWE	0.00100	6.20000	Oversupply
10/27/2023 8:55	0:09	AWE	0.19492	6.70000	Oversupply
10/27/2023 9:02	0:01	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 9:04	0:15	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 9:04	0:02	SSA3	0.01619	0.34500	Oversupply
10/27/2023 9:05	0:01	AWE	0.00319	7.40000	Oversupply
10/27/2023 9:06	0:02	SSA3	0.01606	0.00900	Oversupply
10/27/2023 9:07	0:12	AWE	0.19197	7.00000	Oversupply
10/27/2023 9:08	0:10	SSA3	0.08357	-0.00300	Oversupply
10/27/2023 9:18	0:08	SSA3	0.07601	0.07200	Oversupply
10/27/2023 9:20	0:03	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 9:20	0:01	AWE	0.00334	6.50000	Oversupply
10/27/2023 9:22	0:01	AWE	0.00436	7.10000	Oversupply
10/27/2023 9:24	0:01	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 9:26	0:02	SSA3	0.01904	-0.00300	Oversupply
10/27/2023 9:27	0:03	AWE	0.00993	7.30000	Oversupply
10/27/2023 9:28	0:53	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 9:28	0:01	KWPPI	0.00211	0.13273	Oversupply
10/27/2023 9:28	0:02	SSA3	0.01930	0.11800	Oversupply
10/27/2023 9:30	0:02	SSA3	0.02202	0.02500	Oversupply
10/27/2023 9:32	0:32	AWE	0.95347	7.10000	Oversupply
10/27/2023 9:32	1:35	SSA3	1.18829	-0.00300	Oversupply
10/27/2023 9:40	0:08	KWPPI	0.02297	0.38621	Oversupply
10/27/2023 9:54	0:18	KWPPI	0.18746	0.93608	Oversupply



Maui Curtailment Report

October 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/27/2023 10:06	0:06	AWE	0.09164	6.10000	Oversupply
10/27/2023 10:13	0:06	KWPPII	0.07699	1.44304	Oversupply
10/27/2023 10:14	0:01	AWE	0.00056	7.60000	Oversupply
10/27/2023 10:20	0:04	KWPPII	0.03006	1.54384	Oversupply
10/27/2023 10:22	0:02	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 10:25	0:42	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 10:25	0:42	KWPPII	1.15985	2.44599	Oversupply
10/27/2023 10:28	0:01	AWE	0.00416	7.20000	Oversupply
10/27/2023 10:30	0:04	AWE	0.03226	7.20000	Oversupply
10/27/2023 10:35	0:03	AWE	0.02138	7.30000	Oversupply
10/27/2023 10:40	0:02	AWE	0.02208	7.50000	Oversupply
10/27/2023 10:43	0:07	AWE	0.09754	8.00000	Oversupply
10/27/2023 10:52	0:01	AWE	0.00087	7.20000	Oversupply
10/27/2023 10:54	0:01	AWE	0.00152	7.10000	Oversupply
10/27/2023 10:58	0:03	AWE	0.01194	7.30000	Oversupply
10/27/2023 11:04	0:01	AWE	0.00585	7.40000	Oversupply
10/27/2023 11:07	0:02	SSA3	0.02515	0.16300	Oversupply
10/27/2023 11:09	2:13	SSA3	1.88887	0.84100	Oversupply
10/27/2023 11:10	2:12	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 11:10	2:12	KWPPII	3.87987	3.09266	Oversupply
10/27/2023 11:15	0:06	AWE	0.04348	7.40000	Oversupply
10/27/2023 11:22	0:20	AWE	0.36945	6.80000	Oversupply
10/27/2023 11:43	0:24	AWE	0.53665	8.00000	Oversupply
10/27/2023 12:08	0:10	AWE	0.20948	6.20000	Oversupply
10/27/2023 12:19	0:01	AWE	0.02685	5.60000	Oversupply
10/27/2023 12:21	0:01	AWE	0.00795	6.40000	Oversupply
10/27/2023 12:23	0:14	AWE	0.21218	6.60000	Oversupply
10/27/2023 12:38	0:04	AWE	0.04119	4.10000	Oversupply
10/27/2023 12:43	0:04	AWE	0.02972	4.40000	Oversupply
10/27/2023 12:48	0:06	AWE	0.05928	5.60000	Oversupply
10/27/2023 12:55	0:09	AWE	0.07597	4.80000	Oversupply
10/27/2023 13:06	0:01	AWE	0.00251	4.20000	Oversupply
10/27/2023 13:08	0:01	AWE	0.00268	4.10000	Oversupply
10/27/2023 13:11	0:01	AWE	0.00040	5.60000	Oversupply
10/27/2023 13:29	0:01	17-2	0.01250	0.75000	Oversupply
10/27/2023 13:32	0:07	17-2	0.06082	0.75000	Oversupply
10/27/2023 13:50	0:07	17-2	0.05630	0.75000	Oversupply
10/27/2023 13:50	0:02	SSA3	0.00267	0.75400	Oversupply
10/27/2023 13:51	0:01	BS250	Data is not available	Data is not available	Oversupply
10/27/2023 13:52	0:01	KWPPII	0.00622	1.91308	Oversupply
10/27/2023 13:52	0:02	SSA3	0.00267	0.64200	Oversupply
10/27/2023 13:58	0:07	17-2	0.04186	0.75000	Oversupply
10/27/2023 14:03	0:02	SSA3	0.00162	0.76500	Oversupply
10/27/2023 14:10	0:01	17-2	0.00860	0.75000	Oversupply
10/27/2023 14:14	0:01	17-2	0.00426	0.75000	Oversupply
10/27/2023 14:16	0:02	17-2	0.02500	0.75000	Oversupply
10/28/2023 0:01	0:01	KWPPII	0.00127	6.01468	Oversupply
10/28/2023 0:10	0:01	KWPPII	0.00255	5.43586	Oversupply
10/28/2023 0:15	0:01	KWPPII	0.00615	5.49774	Oversupply
10/28/2023 0:17	0:03	KWPPII	0.00961	5.38397	Oversupply
10/28/2023 3:04	0:01	KWPPII	0.00605	6.20229	Oversupply
10/28/2023 7:56	5:11	SSA3	2.66449	0.29600	Oversupply
10/28/2023 7:57	2:44	BS250	Data is not available	Data is not available	Oversupply
10/28/2023 7:57	6:46	17-2	4.67047	0.75000	Oversupply
10/28/2023 7:58	3:46	KWPPII	10.81889	7.52857	Oversupply
10/28/2023 8:37	0:03	AWE	0.01639	6.80000	Oversupply
10/28/2023 8:42	0:03	AWE	0.00776	7.20000	Oversupply
10/28/2023 8:46	0:08	AWE	0.08530	6.40000	Oversupply
10/28/2023 8:55	0:01	AWE	0.00352	5.20000	Oversupply
10/28/2023 8:57	0:04	AWE	0.06336	6.60000	Oversupply
10/28/2023 9:02	1:14	AWE	2.96766	8.20000	Oversupply
10/28/2023 9:29	0:01	5A	Data is not available	Data is not available	Oversupply
10/28/2023 9:29	0:01	MS	Data is not available	Data is not available	Oversupply
10/28/2023 9:32	0:01	5A	Data is not available	Data is not available	Oversupply
10/28/2023 9:32	0:01	MS	Data is not available	Data is not available	Oversupply
10/28/2023 9:46	0:01	5A	Data is not available	Data is not available	Oversupply
10/28/2023 9:46	0:01	MS	Data is not available	Data is not available	Oversupply
10/28/2023 9:53	0:01	5A	Data is not available	Data is not available	Oversupply
10/28/2023 9:53	0:01	MS	Data is not available	Data is not available	Oversupply
10/28/2023 9:56	0:03	5A	Data is not available	Data is not available	Oversupply
10/28/2023 9:56	0:03	MS	Data is not available	Data is not available	Oversupply
10/28/2023 10:17	0:01	AWE	0.00508	7.00000	Oversupply
10/28/2023 10:19	0:05	AWE	0.05389	8.70000	Oversupply
10/28/2023 10:25	0:02	AWE	0.01606	9.40000	Oversupply
10/28/2023 10:28	0:04	AWE	0.03619	10.80000	Oversupply



Maui Curtailment Report

October 2023

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/28/2023 10:33	0:01	AWE	0.01542	9.90000	Oversupply
10/28/2023 10:35	0:03	AWE	0.02610	10.00000	Oversupply
10/28/2023 10:39	0:02	AWE	0.00786	8.60000	Oversupply
10/28/2023 10:42	2:40	BS250	Data is not available	Data is not available	Oversupply
10/28/2023 10:43	0:01	AWE	0.00253	8.80000	Oversupply
10/28/2023 10:46	0:01	AWE	0.00136	7.60000	Oversupply
10/28/2023 10:48	0:01	AWE	0.00466	8.00000	Oversupply
10/28/2023 10:51	0:03	AWE	0.01924	8.80000	Oversupply
10/28/2023 10:56	0:48	AWE	2.44850	8.50000	Oversupply
10/28/2023 11:20	0:09	5A	Data is not available	Data is not available	Oversupply
10/28/2023 11:20	0:09	MS	Data is not available	Data is not available	Oversupply
10/28/2023 11:21	0:01	KWP	0.00133	0.08000	Oversupply
10/28/2023 11:23	0:01	KWP	0.00133	0.08000	Oversupply
10/28/2023 11:27	0:03	KWP	0.00400	0.08000	Oversupply
10/28/2023 11:36	0:01	5A	Data is not available	Data is not available	Oversupply
10/28/2023 11:36	0:01	MS	Data is not available	Data is not available	Oversupply
10/28/2023 11:37	0:02	KWP	0.00267	0.08000	Oversupply
10/28/2023 11:41	0:02	5A	Data is not available	Data is not available	Oversupply
10/28/2023 11:41	0:02	MS	Data is not available	Data is not available	Oversupply
10/28/2023 11:43	0:01	KWP	0.00094	0.08000	Oversupply
10/28/2023 11:45	0:06	KWP/II	0.10548	1.83225	Oversupply
10/28/2023 11:46	1:36	AWE	5.06500	10.10000	Oversupply
10/28/2023 11:53	0:04	KWP/II	0.01793	0.54189	Oversupply
10/28/2023 12:15	0:01	KWP/II	0.00180	0.10778	Oversupply
10/28/2023 13:07	1:27	SSA3	1.05407	0.02100	Oversupply
10/28/2023 13:23	0:24	BS250	Data is not available	Data is not available	Oversupply
10/28/2023 13:23	0:25	AWE	0.52459	12.70000	Oversupply
10/28/2023 13:40	0:08	KWP/II	0.17737	2.05080	Oversupply
10/28/2023 13:48	0:13	BS250	Data is not available	Data is not available	Oversupply
10/28/2023 13:49	0:13	KWP/II	0.30716	2.89607	Oversupply
10/28/2023 13:50	0:02	AWE	0.01559	13.10000	Oversupply
10/28/2023 13:55	0:01	AWE	0.00971	12.70000	Oversupply
10/28/2023 13:59	0:02	AWE	0.00184	13.00000	Oversupply
10/28/2023 14:02	0:31	BS250	Data is not available	Data is not available	Oversupply
10/28/2023 14:03	0:09	KWP/II	0.37169	4.79318	Oversupply
10/28/2023 14:13	0:20	KWP/II	0.74607	9.72607	Oversupply
10/28/2023 14:34	0:04	BS250	Data is not available	Data is not available	Oversupply
10/28/2023 14:34	0:02	SSA3	0.01344	-0.00300	Oversupply
10/28/2023 14:36	0:01	KWP/II	0.02398	9.38278	Oversupply
10/28/2023 14:36	0:02	SSA3	0.01333	0.01500	Oversupply
10/28/2023 14:40	0:02	SSA3	0.01333	0.63200	Oversupply
10/28/2023 14:44	0:02	17-2	0.02500	0.75000	Oversupply
10/28/2023 14:48	0:02	SSA3	0.01199	0.78700	Oversupply
10/28/2023 14:49	0:01	BS250	Data is not available	Data is not available	Oversupply
10/28/2023 14:49	0:10	17-2	0.12408	0.75000	Oversupply
10/28/2023 14:50	0:02	KWP/II	0.01355	9.81289	Oversupply
10/28/2023 14:50	0:02	SSA3	0.01209	0.03900	Oversupply
10/28/2023 14:51	0:01	BS250	Data is not available	Data is not available	Oversupply
10/28/2023 14:55	0:02	BS250	Data is not available	Data is not available	Oversupply
10/28/2023 14:55	0:02	SSA3	0.01199	-0.00400	Oversupply
10/28/2023 15:04	0:04	17-2	0.04460	0.71800	Oversupply
10/28/2023 17:26	0:25	KWP/II	0.72898	16.56007	Oversupply
10/28/2023 17:54	0:01	KWP/II	0.00098	13.17600	Oversupply
10/28/2023 17:59	0:01	KWP/II	0.00569	13.34166	Oversupply
10/28/2023 18:01	0:01	KWP/II	0.00536	13.32170	Oversupply
10/28/2023 18:13	0:05	KWP/II	0.03272	14.14302	Oversupply
10/28/2023 18:30	0:02	KWP/II	0.00168	13.12411	Oversupply
10/28/2023 18:33	1:36	KWP/II	2.44290	16.92632	Oversupply
10/28/2023 20:10	0:01	KWP/II	0.00114	13.06822	Oversupply
10/28/2023 20:12	0:02	KWP/II	0.00918	13.40853	Oversupply
10/28/2023 20:15	0:03	KWP/II	0.02919	14.29172	Oversupply
10/28/2023 20:20	0:04	KWP/II	0.05160	14.44141	Oversupply
10/28/2023 20:55	0:01	KWP/II	0.01448	13.86858	Oversupply
10/28/2023 20:57	0:27	KWP/II	0.54369	15.44535	Oversupply
10/28/2023 21:25	0:06	KWP/II	0.05583	14.47834	Oversupply
10/28/2023 21:37	0:01	KWP/II	0.00037	13.02232	Oversupply
10/28/2023 21:45	0:01	KWP/II	0.00012	13.00735	Oversupply
10/28/2023 23:32	1:49	KWP/II	7.14493	15.71480	Oversupply
10/29/2023 1:24	0:01	KWP/II	0.00021	6.92880	Oversupply
10/29/2023 1:26	0:01	KWP/II	0.00838	7.17230	Oversupply
10/29/2023 1:29	0:01	KWP/II	0.00236	6.16736	Oversupply
10/29/2023 1:32	0:01	KWP/II	0.00046	6.44480	Oversupply
10/29/2023 1:47	0:21	KWP/II	0.46015	9.62927	Oversupply
10/29/2023 2:10	1:42	KWP/II	7.17508	8.92471	Oversupply
10/29/2023 3:56	0:02	KWP/II	0.00918	4.44589	Oversupply



**Maui Curtailment Report**

**October 2023**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/29/2023 3:59	0:01	KWP11	0.00102	4.11856	Oversupply
10/29/2023 9:39	0:01	17-2	0.00694	0.75000	Oversupply
10/29/2023 9:42	0:01	17-2	0.01250	0.75000	Oversupply
10/29/2023 9:44	0:02	17-2	0.00469	0.31800	Oversupply
10/29/2023 9:48	0:03	17-2	0.03118	0.75000	Oversupply
10/29/2023 9:52	0:01	17-2	0.01250	0.75000	Oversupply
10/29/2023 9:55	0:12	17-2	0.12435	0.75000	Oversupply
10/29/2023 10:14	0:03	17-2	0.02676	0.75000	Oversupply
10/29/2023 10:22	0:18	17-2	0.20051	0.75000	Oversupply
10/29/2023 10:41	0:01	17-2	0.00154	0.75000	Oversupply
10/29/2023 10:46	0:01	17-2	0.00056	0.75000	Oversupply
10/29/2023 10:49	0:11	17-2	0.08455	0.75000	Oversupply
10/29/2023 11:10	0:02	17-2	0.02194	0.75000	Oversupply
10/29/2023 11:19	0:01	17-2	0.00049	0.75000	Oversupply
10/29/2023 14:01	0:01	17-2	0.00058	0.75000	Oversupply
10/29/2023 17:54	0:07	KWP11	0.06938	13.99832	Oversupply
10/29/2023 18:02	0:11	KWP11	0.19912	15.05815	Oversupply
10/29/2023 18:16	0:07	KWP11	0.08610	14.30768	Oversupply
10/29/2023 18:24	0:11	KWP11	0.15826	14.89249	Oversupply
10/29/2023 18:36	0:01	KWP11	0.00488	13.30973	Oversupply
10/29/2023 18:39	0:01	KWP11	0.00218	13.13110	Oversupply
10/29/2023 18:49	0:05	KWP11	0.07853	15.01723	Oversupply
10/29/2023 18:57	0:02	KWP11	0.02253	13.94443	Oversupply
10/29/2023 19:12	1:35	KWP11	2.86489	17.58297	Oversupply
10/29/2023 20:49	0:09	KWP11	0.16188	15.05515	Oversupply
10/29/2023 21:02	0:33	KWP11	1.16021	17.28858	Oversupply
10/29/2023 21:36	0:12	KWP11	0.29656	15.57509	Oversupply
10/29/2023 21:53	0:08	KWP11	0.18509	15.32261	Oversupply
10/29/2023 22:02	0:42	KWP11	1.73106	18.10890	Oversupply
10/29/2023 22:45	0:12	KWP11	0.20889	16.33653	Oversupply
10/29/2023 22:58	0:29	KWP11	0.71665	16.65288	Oversupply
10/29/2023 23:30	0:05	KWP11	0.22832	17.29656	Oversupply
10/29/2023 23:41	0:02	KWP11	0.03038	14.15699	Oversupply
10/29/2023 23:50	0:04	KWP11	0.06698	15.17092	Oversupply
10/30/2023 0:01	0:01	KWP11	0.00276	13.17301	Oversupply
10/30/2023 11:19	0:07	17-2	0.06553	0.74400	Oversupply
10/30/2023 11:23	0:02	SSA3	-0.00059	0.86400	Oversupply
10/30/2023 16:14	0:01	KWP11	0.00101	0.06088	Oversupply
10/31/2023 10:51	0:01	17-2	0.00385	0.23100	Oversupply
10/31/2023 10:56	0:09	17-2	0.07556	0.75000	Oversupply
10/31/2023 11:07	0:18	17-2	0.15531	0.74800	Oversupply
10/31/2023 11:11	0:02	SSA3	0.00251	0.83400	Oversupply
10/31/2023 11:13	0:02	SSA3	0.00806	0.81700	Oversupply
10/31/2023 11:15	0:04	SSA3	0.03287	0.07600	Oversupply
10/31/2023 11:16	0:02	BS250	Data is not available	Data is not available	Oversupply
10/31/2023 11:17	0:02	AWE	0.01126	7.40000	Oversupply
10/31/2023 11:26	0:06	17-2	0.05272	0.75000	Oversupply
10/31/2023 11:33	0:15	17-2	0.16495	0.75000	Oversupply
10/31/2023 11:40	0:02	SSA3	0.00101	0.85700	Oversupply
10/31/2023 11:44	0:02	SSA3	0.00101	0.86100	Oversupply
10/31/2023 11:50	0:05	17-2	0.03866	0.75000	Oversupply
10/31/2023 11:56	0:01	17-2	0.00029	0.75000	Oversupply
10/31/2023 11:58	0:03	17-2	0.03490	0.75000	Oversupply
10/31/2023 12:07	0:03	17-2	0.01492	0.75000	Oversupply
10/31/2023 12:17	0:01	KWP11	0.00032	0.01896	Oversupply
10/31/2023 12:20	0:01	17-2	0.01205	0.75000	Oversupply
10/31/2023 12:25	0:01	KWP11	0.00121	0.07285	Oversupply

SERVICE LIST  
(Docket No. 2011-0206)

MICHAEL S. ANGELO  
EXECUTIVE DIRECTOR  
DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS  
DIVISION OF CONSUMER ADVOCACY  
P.O. Box 541  
Honolulu, HI 96809

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

1 Copy  
Electronically Transmitted

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

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

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

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

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Electronically Transmitted

SERVICE LIST  
(Docket No. 2011-0206)

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

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

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

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

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

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

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

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

SERVICE LIST  
(Docket No. 2011-0206)

ALISON SILVERSTEIN  
19213 Luedtke Lane  
Pflugerville, TX 78660

1 Copy  
Electronically Transmitted

BRENDAN KIRBY  
12011 SW Pineapple Court  
Palm City, FL 34990

1 Copy  
Electronically Transmitted

**Chu, Michael**

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