



October 24, 2024

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 September 2024 on: (1) system frequency control performance during month; (2) significant system events during month; and (3) curtailment of non-dispatchable renewable resources.

Any party to this proceeding may obtain an electronic copy of this report by emailing Michael Chu at [michael.chu@hawaiianelectric.com](mailto:michael.chu@hawaiianelectric.com).

Sincerely,

/s/ Kevin M. Katsura

Kevin M. Katsura  
Director, Regulatory Non-Rate Proceedings

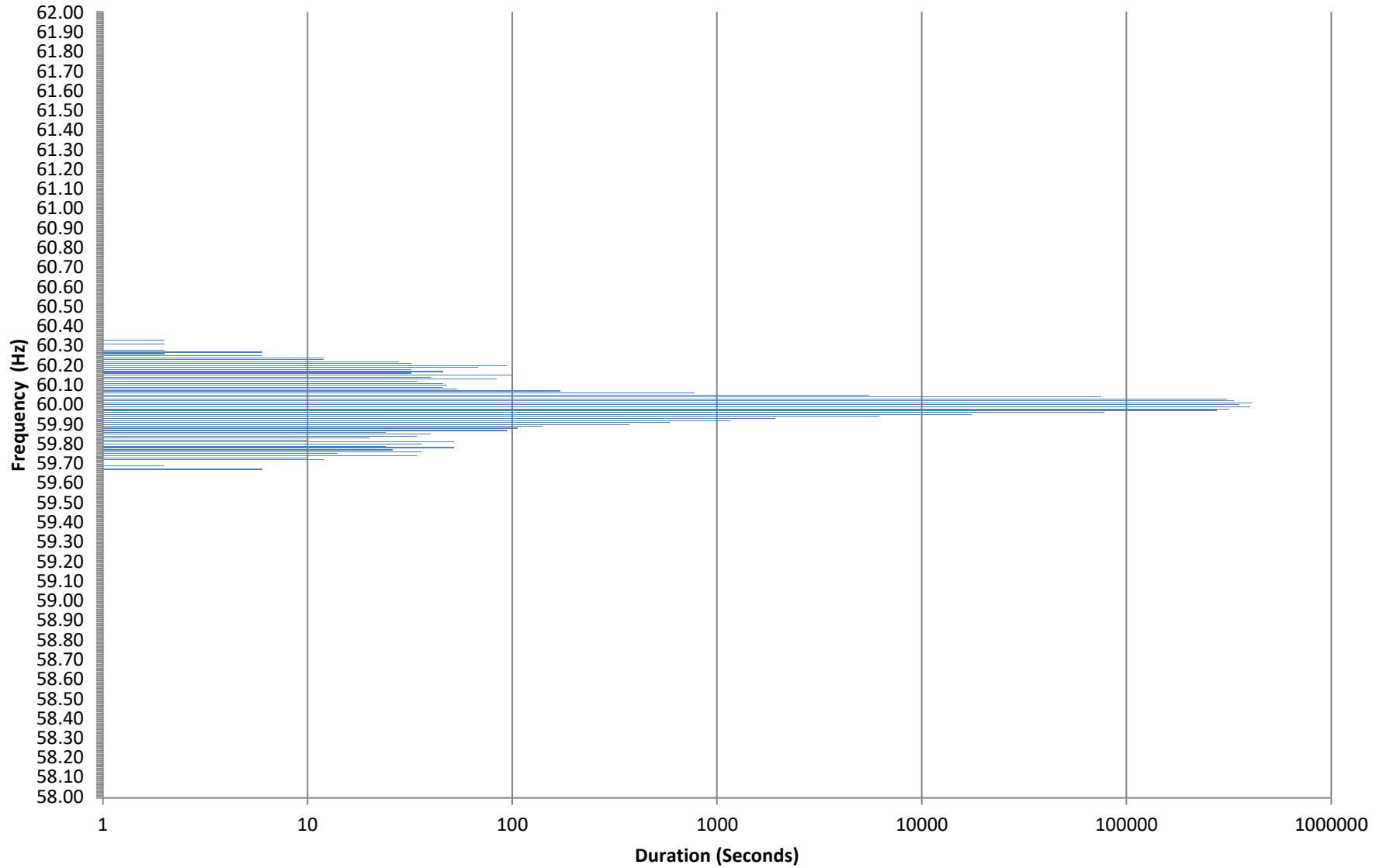
Enclosures

c: Service List

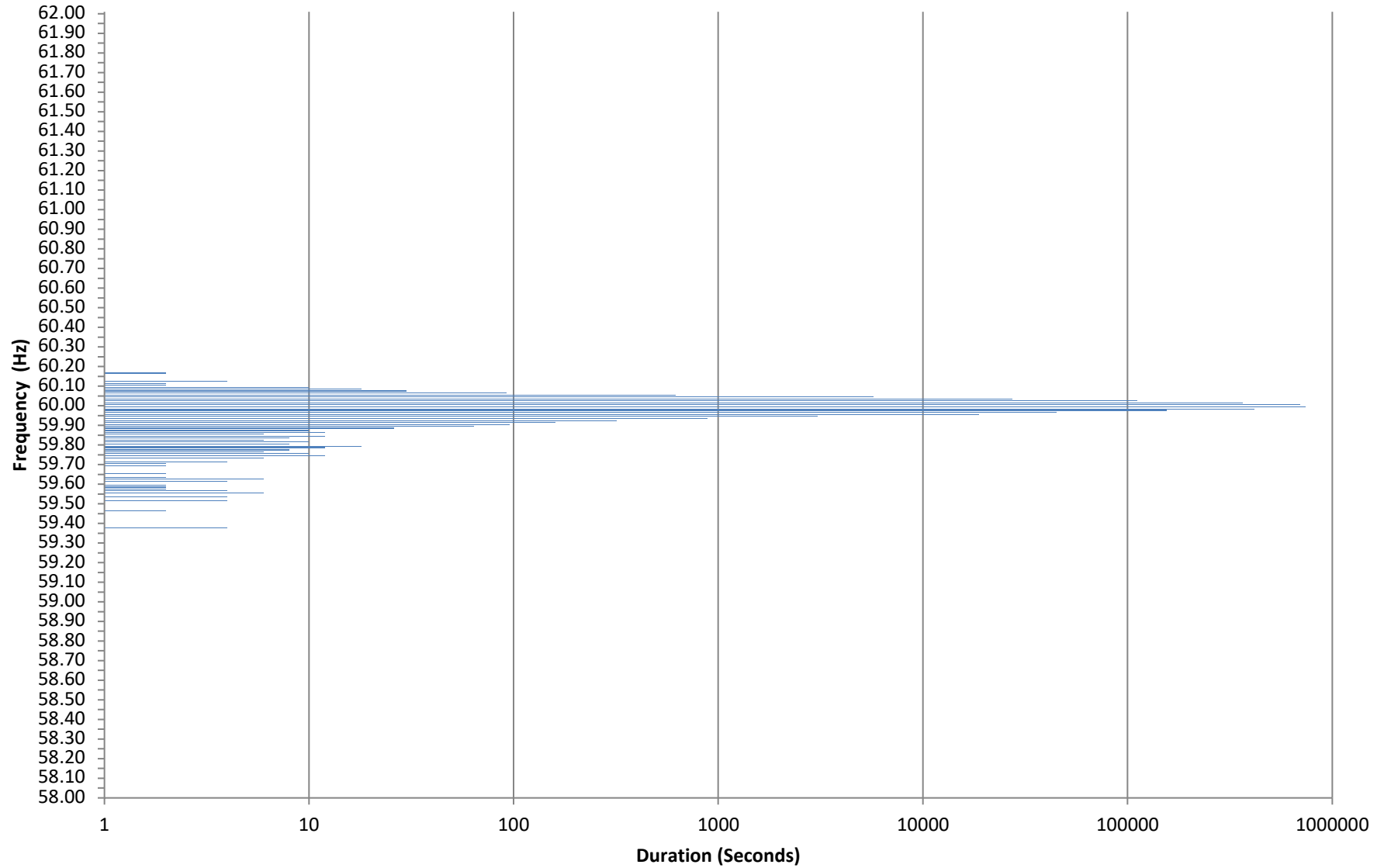
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<sup>1</sup> Hawaiian Electric Company, Inc., Maui Electric Company, Limited, and Hawai'i Electric Light Company, Inc. are each doing business as "Hawaiian Electric" and have jointly registered "Hawaiian Electric" as a trade name with the State of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

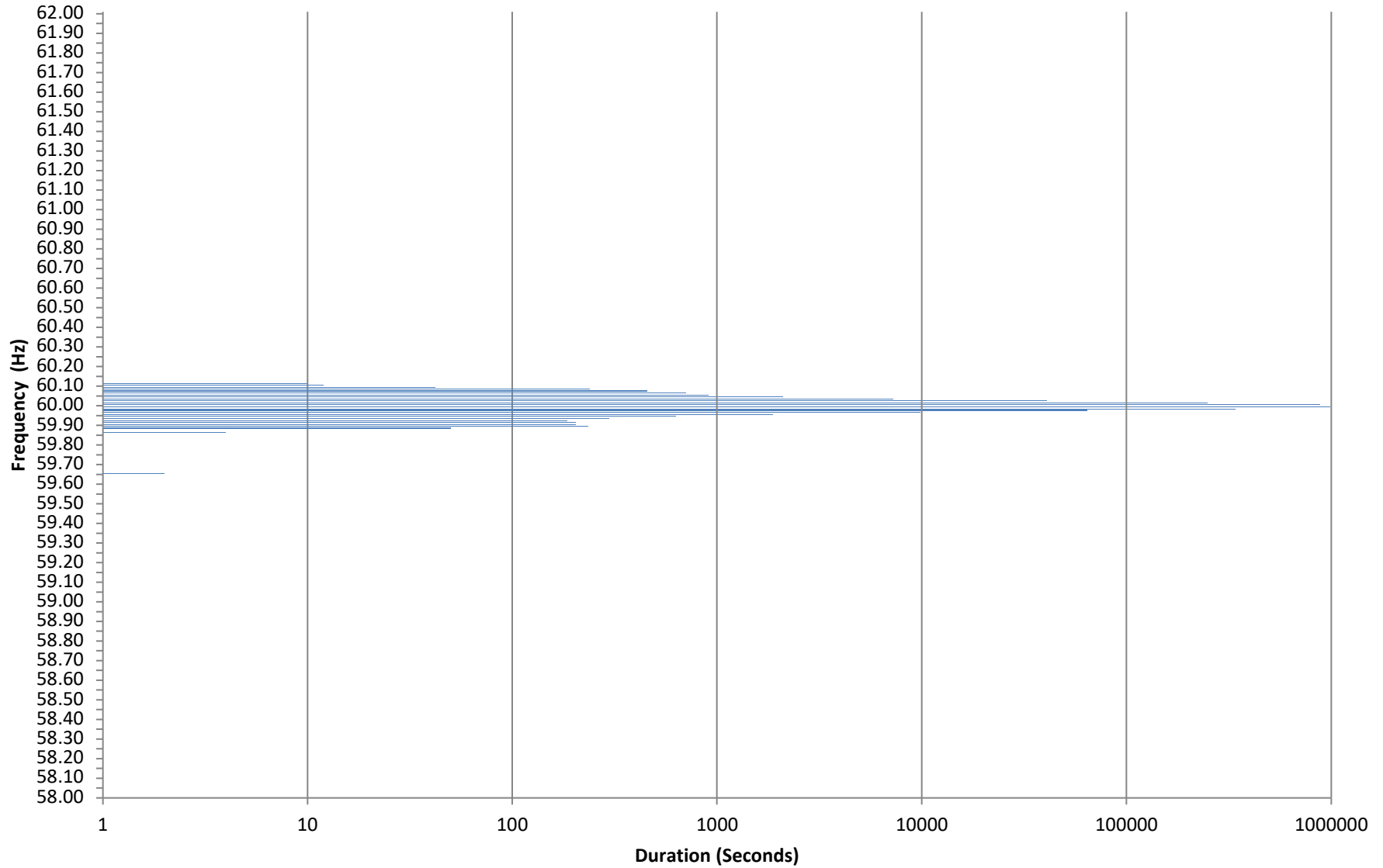
## Frequency Distribution Plot - Hawaiian Electric September 2024



## Frequency Distribution Plot - Hawai'i Island September 2024



## Frequency Distribution Plot - Maui Electric Company, Limited September 2024



Hawaiian Electric Frequency Excursion Statistics September 2024		
Data Rounded to the nearest	<59.95 Hz	>60.05 Hz
Number of Excursions	1225	311
Maximum Duration (sec)	672	520
Maximum Deviation (Hz)	59.667	60.333
Total Duration of Excursions (sec)	16286	2806

Hawai'i Island Frequency Excursion Statistics September 2024		
	<59.95 Hz	>60.05 Hz
Number of Excursions	2610	91
Maximum Duration (sec)	472	16
Maximum Deviation (Hz)	59.369	60.155
Total Duration of Excursions (sec)	13674	294

Maui Electric Company, Limited Frequency Excursion Statistics September 2024		
	<59.95 Hz	>60.05 Hz
Number of Excursions	608	124
Maximum Duration (sec)	808	212
Maximum Deviation (Hz)	59.647	60.107
Total Duration of Excursions (sec)	3680	1466

HAWAIIAN ELECTRIC COMPANY, INC.  
CONTINGENCY RESERVE ACTIVATION EVENTS  
September 2024

Event #	Date & Time	Frequency (Hz)			Spinning Reserve Shortfall (MW)	Duration (HH:MM)	Description
		Prior to Event	Nadir	Trigger			
1	9/17/2024 11:24	59.99	60.33	NA	0.00	0:00	KES BESS tripped offline while charging ~111 MW.
2	9/30/2024 4:17	59.98	59.67	NA	0.00	0:00	KPLP CT1 tripped offline while generating ~75 MW. W10 and CIP called online.

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HAWAIIAN ELECTRIC COMPANY, INC.  
DEMAND RESPONSE EVENTS  
September 2024

Event #	Date & Time	Frequency (Hz)			Load Shed (MW)	Duration (HH:MM)	Description
		Prior to Event	Nadir	Trigger			
1	9/30/2024 4:17	59.98	59.67	59.70	0.00	0:04	KPLP CT1 tripped offline while generating ~75 MW. RDLC and CIDLC activated.

Hawaiian Electric Company, Inc. Curtailment Report September 2024

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
09/04/24 05:32	0.0	0.00	09/04/24 17:07	0	*	Aloha2	System Constraints
09/04/24 05:32	0.0	0.00	09/05/24 17:33	0	*	KREP	System Constraints
09/04/24 05:39	0.0	0.00	09/05/24 16:15	0	262.39	WestL	System Constraints
09/05/24 08:05	0.0	0.00	09/05/24 16:09	0	*	Aloha2	System Constraints
09/06/24 16:19	0.0	0.00	09/06/24 18:27	0	*	Aloha2	System Constraints
09/09/24 06:01	0.0	0.00	09/09/24 08:13	0	*	Waianae	System Constraints
09/09/24 06:03	0.0	0.00	09/09/24 18:14	0	*	Aloha1	System Constraints
09/09/24 16:41	0.0	12.30	09/09/24 18:13	0	*	Waianae	System Constraints
09/10/24 05:36	0.0	0.00	09/10/24 08:46	0	*	Waianae	System Constraints
09/10/24 16:39	0.0	5.20	09/10/24 18:01	0	*	Waianae	System Constraints
09/11/24 05:41	0.0	0.00	09/11/24 15:43	0	*	NPM	System Constraints
09/16/24 16:13	0.0	0.00	09/16/24 16:54	0	*	Kahuku WF	System Constraints
09/17/24 06:06	0.0	0.00	09/17/24 08:51	0	*	WAIH N	System Constraints
09/17/24 06:07	0.0	0.00	09/17/24 08:51	0	*	WAIH S	System Constraints
09/17/24 14:59	0.0	21.00	09/17/24 17:18	0	*	KSMauka	System Constraints
09/17/24 15:00	0.0	2.70	09/17/24 17:24	0	*	WAIH N	System Constraints
09/17/24 15:01	0.0	1.20	09/17/24 17:25	0	*	WAIH S	System Constraints
09/18/24 06:30	0.0	24.00	09/18/24 10:22	0	*	NPM	System Constraints
09/18/24 14:11	0.0	19.00	09/18/24 14:46	0	*	NPM	System Constraints
09/19/24 06:51	0.0	23.90	09/19/24 08:34	0	*	NPM	System Constraints
09/19/24 14:09	0.0	10.50	09/19/24 14:31	0	*	NPM	System Constraints
09/20/24 07:41	0.0	3.70	09/20/24 08:16	0	2.99	WestL	System Constraints
09/20/24 07:44	0.0	0.70	09/20/24 08:16	0	*	KLS2	System Constraints
09/20/24 07:44	0.0	0.60	09/20/24 08:16	0	*	KREP	System Constraints
09/20/24 12:39	0.0	16.00	09/20/24 12:49	0	*	KWMauka	System Constraints
09/20/24 14:15	0.0	0.80	09/20/24 14:53	0	*	KREP	System Constraints
09/20/24 14:17	0.0	7.50	09/20/24 14:54	0	6.98	WestL	System Constraints
09/20/24 14:19	0.0	2.50	09/20/24 14:51	0	*	KLS2	System Constraints
09/24/24 05:55	0.0	0.00	09/25/24 16:37	0	253.63	WestL	System Constraints
09/24/24 06:15	0.0	0.00	09/25/24 17:37	0	*	KREP	System Constraints
09/26/24 05:13	0.0	0.00	09/26/24 08:30	0	*	MFO	System Constraints
09/26/24 05:16	0.0	0.00	09/26/24 08:32	0	*	KSMakai	System Constraints
09/26/24 05:16	0.0	0.00	09/26/24 17:34	0	*	KSMauka	System Constraints
09/26/24 05:16	0.0	0.00	09/26/24 08:32	0	*	KWMakai	System Constraints
09/26/24 05:16	0.0	0.00	09/26/24 17:34	0	*	KWMauka	System Constraints
09/26/24 05:19	0.0	2.80	09/26/24 08:29	0	*	Kahuku WF	System Constraints
09/26/24 16:46	0.0	7.50	09/26/24 17:34	0	*	KSMakai	System Constraints
09/26/24 16:46	0.0	4.30	09/26/24 17:33	0	*	KWMakai	System Constraints
09/26/24 16:47	0.0	0.00	09/26/24 17:33	0	*	MFO	System Constraints
09/26/24 16:48	0.0	2.00	09/26/24 17:36	0	*	Kahuku WF	System Constraints
09/28/24 06:16	0.0	0.00	09/28/24 16:50	0	*	Aloha1	System Constraints
09/30/24 05:48	0.0	0.00	09/30/24 15:47	0	64.11	WestL	System Constraints
09/30/24 05:50	0.0	0.00	09/30/24 08:44	0	*	KREP	System Constraints
09/30/24 05:51	0.0	0.00	09/30/24 15:46	0	*	Aloha2	System Constraints
09/30/24 06:38	0.0	11.60	09/30/24 15:12	0	*	NPM	System Constraints
09/30/24 10:04	0.0	10.10	09/30/24 23:59	0	*	Waianae	System Constraints
09/30/24 14:21	0.0	0.70	09/30/24 15:45	0	*	KREP	System Constraints

Aloha1 = Aloha Solar Energy Fund I  
Aloha2 = Aloha Solar Energy Fund II  
KLS2 = Kalaeloa Solar Two  
KREP = Kalaeloa Renewable Energy Partners  
Kahuku WF = Kahuku Wind Power  
Lani = Lanikuhana Solar  
MFO = Mauka FIT One Solar  
NPM = Na Pua Makani Power Partners  
KSMakai = Kawaioloa Solar Makai  
KSMauka = Kawaioloa Solar Mauka  
KWMakai = Kawaioloa Wind Makai

Hawaiian Electric Company, Inc. Curtailment Report September 2024

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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KWMauka = Kawailoa Wind Mauka  
 WAIH N = Waihonu North  
 WAIH S = Waihonu South  
 Waianae = EE Waianae Solar Project  
 Waipio PV = Waipio PV  
 WestL = West Loch PV

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

\* Data has not been provided by IPP.

Hawai'i Electric Light Company Curtailment Report September 2024

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
09/05/24 08:12	4.0 MW	09/05/24 15:37	0.7 MW	Hawi Renewable Dev	Facility Requested
09/15/24 02:52	9.2 MW	09/15/24 03:05	9.7 MW	Pakini Nui	System Constraint
09/15/24 06:34	14.8 MW	09/15/24 06:59	11.2 MW	Pakini Nui	System Constraint
09/19/24 09:03	17.9 MW	09/19/24 09:36	15.5 MW	Pakini Nui	System Constraint
09/19/24 12:56	17.9 MW	09/19/24 13:17	15.2 MW	Pakini Nui	System Constraint

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



**Maui Curtailment Report**

**September  
2024**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/1/2024 5:11	0:01	KWPPI	0.00061	0.19660	Oversupply
9/1/2024 5:56	0:01	KWPPI	0.00298	4.22933	Oversupply
9/1/2024 7:14	6:48	BS 250	Data is not available	Data is not available	Oversupply
9/1/2024 7:16	2:37	KWPPI	7.06939	9.66819	Oversupply
9/1/2024 7:20	0:04	AWE	0.05483	20.50000	Oversupply
9/1/2024 7:26	0:03	AWE	0.02168	20.60000	Oversupply
9/1/2024 7:37	0:22	AWE	1.07574	20.80000	Oversupply
9/1/2024 8:00	0:01	AWE	0.01003	20.30000	Oversupply
9/1/2024 8:08	0:06	AWE	0.09862	20.70000	Oversupply
9/1/2024 8:15	5:47	AWE	48.71940	20.80000	Oversupply
9/1/2024 10:00	0:08	KWPPI	0.01043	0.38621	Oversupply
9/1/2024 10:09	0:01	KWPPI	0.00003	0.17165	Oversupply
9/1/2024 13:53	0:09	KWPPI	0.01651	0.42712	Oversupply
9/1/2024 14:03	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/1/2024 14:07	0:20	BS 250	Data is not available	Data is not available	Oversupply
9/1/2024 14:08	0:20	KWPPI	0.25779	1.82027	Oversupply
9/1/2024 14:09	0:03	AWE	0.04842	20.30000	Oversupply
9/1/2024 14:13	0:15	AWE	0.54731	20.40000	Oversupply
9/1/2024 14:33	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/1/2024 14:33	0:03	AWE	0.02345	20.20000	Oversupply
9/1/2024 14:35	0:02	KWPPI	0.01968	1.60671	Oversupply
9/1/2024 22:02	0:08	KWPPI	0.14310	14.94039	Oversupply
9/1/2024 22:11	0:04	KWPPI	0.05107	14.85257	Oversupply
9/1/2024 22:18	0:01	KWPPI	0.00513	14.94837	Oversupply
9/2/2024 0:56	0:06	KWPPI	0.08819	12.82672	Oversupply
9/2/2024 1:09	0:02	KWPPI	0.02503	11.21502	Oversupply
9/2/2024 1:12	1:54	KWPPI	13.74601	13.34466	Oversupply
9/2/2024 2:21	0:15	AWE	0.37213	18.70000	Oversupply
9/2/2024 2:55	0:04	AWE	0.05330	18.20000	Oversupply
9/2/2024 3:07	0:39	KWPPI	3.23563	11.82677	Oversupply
9/2/2024 3:17	0:02	AWE	0.01720	20.30000	Oversupply
9/2/2024 3:23	0:17	AWE	0.45630	20.30000	Oversupply
9/2/2024 3:42	0:02	AWE	0.00347	19.30000	Oversupply
9/2/2024 3:47	0:30	KWPPI	2.42691	9.45762	Oversupply
9/2/2024 3:51	0:02	AWE	0.02892	19.90000	Oversupply
9/2/2024 3:55	0:01	AWE	0.00938	19.90000	Oversupply
9/2/2024 3:57	0:02	AWE	0.01269	20.10000	Oversupply
9/2/2024 4:03	0:08	AWE	0.10348	20.50000	Oversupply
9/2/2024 4:12	0:01	AWE	0.00995	20.30000	Oversupply
9/2/2024 4:14	0:01	AWE	0.00460	19.30000	Oversupply
9/2/2024 4:18	0:01	KWPPI	0.00409	3.01183	Oversupply
9/2/2024 4:22	1:02	KWPPI	3.53776	11.14616	Oversupply
9/2/2024 4:46	0:01	AWE	0.00070	19.80000	Oversupply
9/2/2024 4:48	0:04	AWE	0.03270	20.30000	Oversupply
9/2/2024 4:53	0:07	AWE	0.08457	20.70000	Oversupply
9/2/2024 5:02	0:05	AWE	0.07061	20.30000	Oversupply
9/2/2024 5:09	0:15	AWE	0.35533	20.60000	Oversupply
9/2/2024 5:25	0:44	KWPPI	1.97164	8.19122	Oversupply
9/2/2024 5:29	0:05	AWE	0.08331	20.40000	Oversupply
9/2/2024 5:36	0:04	AWE	0.07373	20.40000	Oversupply
9/2/2024 5:41	0:01	AWE	0.02041	20.50000	Oversupply
9/2/2024 6:11	0:04	KWPPI	0.03654	6.94976	Oversupply
9/2/2024 6:16	0:32	KWPPI	1.22071	10.35478	Oversupply
9/2/2024 6:25	0:30	BS 250	Data is not available	Data is not available	Oversupply
9/2/2024 6:49	0:03	KWPPI	0.03223	7.19925	Oversupply
9/2/2024 6:53	0:03	KWPPI	0.02717	9.13828	Oversupply
9/2/2024 7:01	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/2/2024 7:01	0:02	KWPPI	0.03444	10.40867	Oversupply
9/2/2024 9:30	0:47	BS 250	Data is not available	Data is not available	Oversupply
9/2/2024 9:30	0:13	KWPPI	0.24093	2.91403	Oversupply
9/2/2024 9:33	0:01	AWE	0.00499	20.20000	Oversupply
9/2/2024 9:35	0:40	AWE	1.24550	20.50000	Oversupply
9/2/2024 9:44	0:32	KWPPI	0.14001	0.66763	Oversupply
9/2/2024 10:23	0:07	BS 250	Data is not available	Data is not available	Oversupply
9/2/2024 10:24	0:07	KWPPI	0.32609	8.14032	Oversupply
9/2/2024 10:39	0:01	KWPPI	0.00646	1.76937	Oversupply
9/2/2024 10:41	0:19	BS 250	Data is not available	Data is not available	Oversupply
9/2/2024 10:41	0:10	KWPPI	0.29973	3.04975	Oversupply
9/2/2024 10:45	0:21	AWE	0.48647	17.80000	Oversupply
9/2/2024 11:01	1:22	BS 250	Data is not available	Data is not available	Oversupply
9/2/2024 11:07	0:05	AWE	0.13178	17.50000	Oversupply
9/2/2024 11:13	0:10	KWPPI	0.17724	3.33317	Oversupply
9/2/2024 11:13	0:44	AWE	1.90666	20.80000	Oversupply
9/2/2024 11:24	0:07	KWPPI	0.01047	0.34030	Oversupply
9/2/2024 11:40	0:17	KWPPI	0.07152	0.63869	Oversupply
9/2/2024 11:58	0:39	KWPPI	0.24574	1.86418	Oversupply
9/2/2024 11:58	2:11	AWE	9.64109	20.60000	Oversupply



**Maui Curtailment Report**

**September  
2024**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/2/2024 12:24	1:56	BS 250	Data is not available	Data is not available	Oversupply
9/2/2024 12:51	1:29	KWPPII	4.38570	11.60822	Oversupply
9/2/2024 14:10	0:04	AWE	0.04374	20.50000	Oversupply
9/2/2024 14:21	0:28	BS 250	Data is not available	Data is not available	Oversupply
9/2/2024 14:22	0:28	KWPPII	2.71798	13.68496	Oversupply
9/2/2024 14:56	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/2/2024 22:45	0:01	KWPPII	0.00079	14.59510	Oversupply
9/2/2024 23:34	0:05	KWPPII	0.08651	13.18898	Oversupply
9/2/2024 23:46	2:54	KWPPII	20.37221	15.99223	Oversupply
9/3/2024 1:06	0:01	AWE	0.00208	20.00000	Oversupply
9/3/2024 1:17	0:18	AWE	0.46901	20.30000	Oversupply
9/3/2024 1:56	0:01	AWE	0.01256	18.80000	Oversupply
9/3/2024 2:41	1:27	KWPPII	6.99111	14.20490	Oversupply
9/3/2024 4:09	0:04	KWPPII	0.04190	10.85875	Oversupply
9/3/2024 4:14	2:03	KWPPII	14.11606	16.53013	Oversupply
9/3/2024 4:35	0:04	AWE	0.02543	13.10000	Oversupply
9/3/2024 4:44	0:18	AWE	0.71581	12.10000	Oversupply
9/3/2024 6:43	0:08	BS 250	Data is not available	Data is not available	Oversupply
9/3/2024 6:44	0:07	KWPPII	0.13702	16.27266	Oversupply
9/3/2024 6:52	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/3/2024 6:57	0:13	BS 250	Data is not available	Data is not available	Oversupply
9/3/2024 6:58	0:13	KWPPII	0.64732	17.86140	Oversupply
9/3/2024 7:11	5:44	BS 250	Data is not available	Data is not available	Oversupply
9/3/2024 7:13	2:52	KWPPII	28.85106	19.27251	Oversupply
9/3/2024 9:26	0:02	AWE	0.02788	17.10000	Oversupply
9/3/2024 9:29	0:02	AWE	0.01793	17.30000	Oversupply
9/3/2024 9:32	0:01	AWE	0.00328	16.90000	Oversupply
9/3/2024 10:06	0:01	KWPPII	0.02268	11.88066	Oversupply
9/3/2024 10:08	2:47	KWPPII	25.84852	15.70183	Oversupply
9/3/2024 10:33	0:03	AWE	0.04369	17.10000	Oversupply
9/3/2024 10:37	0:03	AWE	0.05016	17.10000	Oversupply
9/3/2024 10:45	0:43	AWE	1.85043	16.60000	Oversupply
9/3/2024 11:29	0:05	AWE	0.09934	16.40000	Oversupply
9/3/2024 11:35	0:02	AWE	0.06681	17.00000	Oversupply
9/3/2024 11:40	0:15	AWE	0.53906	16.80000	Oversupply
9/3/2024 11:58	0:02	AWE	0.03350	16.60000	Oversupply
9/3/2024 12:58	1:33	BS 250	Data is not available	Data is not available	Oversupply
9/3/2024 12:59	1:27	KWPPII	8.91976	17.91829	Oversupply
9/3/2024 14:27	0:05	KWPPII	0.14634	16.26468	Oversupply
9/3/2024 14:37	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/3/2024 14:38	0:02	KWPPII	0.05345	16.17885	Oversupply
9/3/2024 14:45	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/3/2024 14:45	0:03	KWPPII	0.04784	16.24571	Oversupply
9/3/2024 14:59	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/3/2024 15:02	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/3/2024 15:02	0:01	KWPPII	0.00966	16.18484	Oversupply
9/3/2024 15:05	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/3/2024 15:05	0:03	KWPPII	0.06231	16.12197	Oversupply
9/3/2024 23:35	0:08	KWPPII	0.18895	16.36547	Oversupply
9/3/2024 23:48	0:29	KWPPII	1.83570	16.20480	Oversupply
9/4/2024 0:21	0:25	KWPPII	2.13046	16.18584	Oversupply
9/4/2024 0:50	0:01	KWPPII	0.01259	14.18494	Oversupply
9/4/2024 3:14	0:15	KWPPII	0.39201	15.80562	Oversupply
9/4/2024 7:43	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/4/2024 7:43	0:02	KWPPII	0.01747	12.41057	Oversupply
9/4/2024 8:35	0:01	KWPPII	0.00248	9.76998	Oversupply
9/4/2024 14:05	0:13	BS 250	Data is not available	Data is not available	Oversupply
9/4/2024 14:05	0:14	AWE	0.36771	16.90000	Oversupply
9/4/2024 14:20	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/4/2024 14:20	0:02	AWE	0.02540	16.40000	Oversupply
9/4/2024 14:23	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/4/2024 14:24	0:03	AWE	0.03100	18.70000	Oversupply
9/4/2024 19:21	0:25	KWPPII	1.05379	10.17715	Oversupply
9/4/2024 22:07	0:06	KWPPII	0.04881	8.25808	Oversupply
9/4/2024 22:22	0:15	KWPPII	0.48234	8.06547	Oversupply
9/4/2024 22:38	0:01	KWPPII	0.00374	8.35987	Oversupply
9/5/2024 4:04	0:02	AWE	0.05181	18.90000	Oversupply
9/5/2024 4:07	0:11	AWE	0.35105	18.30000	Oversupply
9/5/2024 4:08	0:02	KWPPII	0.00454	0.27843	Oversupply
9/5/2024 4:12	0:13	KWPPII	0.18581	1.55581	Oversupply
9/5/2024 4:19	0:02	AWE	0.01402	16.70000	Oversupply
9/5/2024 4:23	0:01	AWE	0.01305	15.90000	Oversupply
9/5/2024 4:26	0:32	KWPPII	1.39013	6.17934	Oversupply
9/5/2024 4:27	0:01	AWE	0.00522	16.00000	Oversupply
9/5/2024 4:29	0:11	AWE	0.23501	17.00000	Oversupply
9/5/2024 4:41	0:04	AWE	0.09469	17.90000	Oversupply
9/5/2024 4:46	0:01	AWE	0.00205	16.30000	Oversupply



**Maui Curtailment Report**

**September  
2024**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/5/2024 4:49	0:02	AWE	0.05482	16.90000	Oversupply
9/5/2024 4:53	0:03	AWE	0.01865	17.50000	Oversupply
9/5/2024 4:59	0:02	KWPPI	0.06681	5.05165	Oversupply
9/5/2024 7:27	0:10	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 7:27	0:06	KWPPI	0.04423	0.77841	Oversupply
9/5/2024 7:28	0:06	AWE	0.13356	21.00000	Oversupply
9/5/2024 7:35	0:03	AWE	0.04154	19.70000	Oversupply
9/5/2024 7:43	0:01	AWE	0.00419	19.40000	Oversupply
9/5/2024 8:35	0:01	KWPPI	0.00231	1.07580	Oversupply
9/5/2024 9:47	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 9:48	0:01	KWPPI	0.00183	0.44708	Oversupply
9/5/2024 11:00	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 11:01	0:04	AWE	0.04601	21.00000	Oversupply
9/5/2024 11:02	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 11:09	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 11:09	0:02	AWE	0.00551	19.80000	Oversupply
9/5/2024 11:38	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 11:38	0:03	KWPPI	0.01338	0.53890	Oversupply
9/5/2024 11:39	0:01	AWE	0.00792	16.30000	Oversupply
9/5/2024 11:44	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 11:44	0:01	AWE	0.00907	16.00000	Oversupply
9/5/2024 11:46	0:06	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 11:46	0:13	AWE	0.31584	17.20000	Oversupply
9/5/2024 11:49	0:01	KWPPI	0.00067	0.03992	Oversupply
9/5/2024 11:53	0:06	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 12:00	0:22	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 12:01	0:25	AWE	0.43789	18.00000	Oversupply
9/5/2024 12:23	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 12:25	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 12:27	0:01	AWE	0.00478	17.50000	Oversupply
9/5/2024 12:29	0:06	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 12:29	0:01	AWE	0.00709	17.70000	Oversupply
9/5/2024 12:31	0:03	AWE	0.03364	18.50000	Oversupply
9/5/2024 12:32	0:03	KWPPI	0.01861	0.52492	Oversupply
9/5/2024 12:35	0:02	AWE	0.00709	18.20000	Oversupply
9/5/2024 12:36	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 12:46	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/5/2024 12:47	0:01	AWE	0.00213	18.40000	Oversupply
9/5/2024 12:50	0:01	AWE	0.00638	18.80000	Oversupply
9/6/2024 0:45	0:03	AWE	0.02776	12.60000	Oversupply
9/6/2024 8:52	0:18	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 8:53	0:08	KWPPI	0.04150	0.58380	Oversupply
9/6/2024 8:53	0:15	AWE	0.42471	14.60000	Oversupply
9/6/2024 9:09	0:01	AWE	0.02098	16.00000	Oversupply
9/6/2024 9:11	0:05	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 9:12	0:04	AWE	0.07635	15.40000	Oversupply
9/6/2024 9:16	0:01	KWPPI	0.00410	0.38621	Oversupply
9/6/2024 9:18	0:28	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 9:19	0:28	AWE	2.33555	17.00000	Oversupply
9/6/2024 9:20	0:11	KWPPI	0.09646	1.06083	Oversupply
9/6/2024 9:45	0:02	KWPPI	0.00661	0.41016	Oversupply
9/6/2024 9:49	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 9:50	0:02	AWE	0.03340	14.40000	Oversupply
9/6/2024 9:54	0:08	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 9:54	0:05	AWE	0.04706	15.20000	Oversupply
9/6/2024 10:00	0:03	AWE	0.02271	15.60000	Oversupply
9/6/2024 10:04	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 10:04	0:01	AWE	0.00726	13.90000	Oversupply
9/6/2024 14:14	0:10	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 14:14	0:10	KWPPI	0.30660	3.71639	Oversupply
9/6/2024 14:14	0:46	17-2	0.52614	0.75000	Oversupply
9/6/2024 14:18	0:03	AWE	0.10294	14.40000	Oversupply
9/6/2024 14:28	0:07	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 14:28	0:01	KWPPI	0.01552	2.46295	Oversupply
9/6/2024 14:30	0:06	KWPPI	0.14185	2.45098	Oversupply
9/6/2024 14:31	0:01	AWE	0.00473	13.60000	Oversupply
9/6/2024 14:36	0:07	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 14:37	0:06	KWPPI	0.11117	2.94796	Oversupply
9/6/2024 14:38	0:01	AWE	0.00725	14.00000	Oversupply
9/6/2024 14:44	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 14:44	0:01	KWPPI	0.00714	3.73934	Oversupply
9/6/2024 14:48	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 14:49	0:01	KWPPI	0.02691	4.19141	Oversupply
9/6/2024 14:55	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 14:56	0:02	KWPPI	0.02133	4.00180	Oversupply
9/6/2024 14:57	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 15:02	0:08	17-2	0.09404	0.75000	Oversupply



**Maui Curtailment Report**

**September  
2024**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/6/2024 15:03	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 15:16	0:02	17-2	0.01260	0.74300	Oversupply
9/6/2024 15:20	0:02	17-2	0.00579	0.74300	Oversupply
9/6/2024 15:23	0:06	17-2	0.06937	0.74300	Oversupply
9/6/2024 15:24	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 15:25	0:02	KWPPI	0.02169	3.74034	Oversupply
9/6/2024 15:30	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/6/2024 15:30	0:03	17-2	0.03080	0.74300	Oversupply
9/6/2024 15:31	0:01	KWPPI	0.00335	3.48686	Oversupply
9/6/2024 22:10	0:03	KWPPI	0.05570	7.70821	Oversupply
9/6/2024 22:27	0:01	KWPPI	0.00244	8.33692	Oversupply
9/6/2024 22:33	0:27	KWPPI	1.60281	10.21607	Oversupply
9/7/2024 0:40	0:02	KWPPI	0.00524	10.27195	Oversupply
9/7/2024 0:47	0:01	KWPPI	0.00357	10.18214	Oversupply
9/7/2024 0:49	0:01	KWPPI	0.00400	9.66719	Oversupply
9/7/2024 0:51	0:01	KWPPI	0.00649	10.12426	Oversupply
9/7/2024 1:24	0:01	KWPPI	0.01219	9.76499	Oversupply
9/7/2024 1:26	0:02	KWPPI	0.02097	10.14022	Oversupply
9/7/2024 1:32	0:19	KWPPI	0.85378	9.98754	Oversupply
9/7/2024 1:52	0:02	KWPPI	0.01534	10.23802	Oversupply
9/7/2024 6:49	0:01	AWE	0.00333	0.20000	Oversupply
9/7/2024 6:59	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 6:59	0:04	KWPPI	0.01798	13.13409	Oversupply
9/7/2024 6:59	0:17	17-2	0.00917	0.05200	Oversupply
9/7/2024 7:01	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 7:04	0:10	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 7:04	0:11	KWPPI	0.51290	13.18399	Oversupply
9/7/2024 7:36	5:05	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 7:36	5:06	KWPPI	41.69324	13.23289	Oversupply
9/7/2024 7:36	5:19	17-2	2.34655	0.75000	Oversupply
9/7/2024 8:43	0:22	AWE	1.79959	21.00000	Oversupply
9/7/2024 9:09	0:32	AWE	2.30645	21.00000	Oversupply
9/7/2024 9:42	0:18	AWE	1.25978	21.00000	Oversupply
9/7/2024 10:07	1:57	AWE	10.89204	21.00000	Oversupply
9/7/2024 12:05	0:26	AWE	0.70387	19.50000	Oversupply
9/7/2024 12:33	0:02	AWE	0.02691	19.20000	Oversupply
9/7/2024 12:43	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 12:44	0:04	KWPPI	0.30917	8.85186	Oversupply
9/7/2024 12:49	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 12:50	0:02	KWPPI	0.01447	9.15225	Oversupply
9/7/2024 12:53	0:01	KWPPI	0.00909	9.84682	Oversupply
9/7/2024 12:59	0:08	17-2	0.08642	0.75000	Oversupply
9/7/2024 13:01	0:05	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 13:03	0:04	KWPPI	0.09289	11.68306	Oversupply
9/7/2024 13:08	1:04	17-2	0.52217	0.75000	Oversupply
9/7/2024 13:09	0:55	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 13:09	0:56	KWPPI	3.96089	11.21003	Oversupply
9/7/2024 14:06	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 14:06	0:02	KWPPI	0.03498	10.93659	Oversupply
9/7/2024 14:47	0:07	17-2	0.05073	0.54200	Oversupply
9/7/2024 14:48	0:05	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 14:50	0:04	KWPPI	0.14230	9.79792	Oversupply
9/7/2024 15:27	1:05	17-2	0.64560	0.75000	Oversupply
9/7/2024 15:29	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 15:30	0:01	KWPPI	0.00866	12.65806	Oversupply
9/7/2024 15:31	0:59	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 15:32	0:23	KWPPI	1.71718	12.81874	Oversupply
9/7/2024 15:56	0:34	KWPPI	3.82665	13.28877	Oversupply
9/7/2024 16:37	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 16:37	0:05	17-2	0.03559	0.49600	Oversupply
9/7/2024 16:38	0:04	KWPPI	0.07205	12.53532	Oversupply
9/7/2024 17:04	0:05	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 17:05	0:04	KWPPI	0.10260	10.41965	Oversupply
9/7/2024 17:05	0:09	17-2	0.04886	0.38300	Oversupply
9/7/2024 17:10	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 17:11	0:03	KWPPI	0.01619	11.70801	Oversupply
9/7/2024 17:16	1:21	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 17:17	1:10	17-2	0.13467	0.34100	Oversupply
9/7/2024 17:17	1:21	KWPPI	7.08381	13.26881	Oversupply
9/7/2024 18:39	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/7/2024 19:37	0:07	KWPPI	0.07411	11.92457	Oversupply
9/7/2024 21:37	0:11	KWPPI	0.18871	12.76385	Oversupply
9/7/2024 21:51	0:03	KWPPI	0.04376	11.37869	Oversupply
9/7/2024 22:03	0:02	KWPPI	0.03625	11.11622	Oversupply
9/7/2024 22:26	0:31	KWPPI	2.28969	10.98649	Oversupply
9/8/2024 0:01	0:02	KWPPI	0.00687	11.57628	Oversupply
9/8/2024 0:51	0:03	KWPPI	0.02489	10.20010	Oversupply



**Maui Curtailment Report**

**September  
2024**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/8/2024 0:55	0:01	KWP/II	0.00444	11.18309	Oversupply
9/8/2024 1:08	0:01	KWP/II	0.00499	11.68207	Oversupply
9/8/2024 1:10	0:03	KWP/II	0.08483	11.58426	Oversupply
9/8/2024 7:00	0:01	KWP/II	0.14072	8.49060	Oversupply
9/8/2024 7:00	0:01	17-2	0.00047	0.02800	Oversupply
9/8/2024 8:17	0:02	17-2	0.01238	0.45600	Oversupply
9/8/2024 8:20	0:23	17-2	0.15070	0.48000	Oversupply
9/8/2024 8:24	0:08	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 8:24	0:09	KWP/II	0.12589	8.85286	Oversupply
9/8/2024 8:34	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 8:35	0:05	KWP/II	0.06072	8.69319	Oversupply
9/8/2024 8:36	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 8:44	0:01	17-2	0.00648	0.38900	Oversupply
9/8/2024 8:48	0:02	17-2	0.01297	0.38900	Oversupply
9/8/2024 8:51	0:23	17-2	0.14912	0.38900	Oversupply
9/8/2024 8:52	0:01	KWP/II	0.00673	8.37783	Oversupply
9/8/2024 8:54	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 8:54	0:05	KWP/II	0.12168	8.61136	Oversupply
9/8/2024 8:59	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 9:00	0:01	KWP/II	0.00382	8.56545	Oversupply
9/8/2024 9:03	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 9:03	0:02	KWP/II	0.01594	7.20424	Oversupply
9/8/2024 9:06	0:07	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 9:07	0:07	KWP/II	0.19861	7.38886	Oversupply
9/8/2024 9:14	0:12	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 9:15	0:02	KWP/II	0.02547	6.62942	Oversupply
9/8/2024 9:15	0:18	17-2	0.11471	0.38900	Oversupply
9/8/2024 9:18	0:08	KWP/II	0.12876	7.52558	Oversupply
9/8/2024 9:28	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 9:29	0:01	KWP/II	0.00433	6.36496	Oversupply
9/8/2024 9:36	0:05	17-2	0.03242	0.38900	Oversupply
9/8/2024 9:38	0:01	KWP/II	0.00252	5.10155	Oversupply
9/8/2024 9:44	3:47	17-2	2.65661	0.75000	Oversupply
9/8/2024 9:50	0:14	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 9:50	0:14	KWP/II	0.77427	6.31107	Oversupply
9/8/2024 9:55	0:04	AWE	0.12141	17.10000	Oversupply
9/8/2024 10:05	0:46	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 10:05	0:53	KWP/II	3.50608	6.35298	Oversupply
9/8/2024 10:09	0:12	AWE	0.28871	13.60000	Oversupply
9/8/2024 10:22	0:11	AWE	0.46731	13.70000	Oversupply
9/8/2024 10:35	0:04	AWE	0.07412	12.40000	Oversupply
9/8/2024 10:40	0:06	AWE	0.07341	12.20000	Oversupply
9/8/2024 10:48	0:02	AWE	0.01917	11.70000	Oversupply
9/8/2024 10:52	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 10:57	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 10:59	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 11:00	0:01	KWP/II	0.01161	3.19046	Oversupply
9/8/2024 11:06	1:23	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 11:07	0:25	KWP/II	0.92690	4.76424	Oversupply
9/8/2024 11:12	0:04	AWE	0.14166	15.80000	Oversupply
9/8/2024 11:22	0:05	AWE	0.05509	14.00000	Oversupply
9/8/2024 11:28	0:04	AWE	0.05067	12.10000	Oversupply
9/8/2024 11:33	1:02	KWP/II	1.70426	3.93494	Oversupply
9/8/2024 11:34	0:02	AWE	0.01436	10.50000	Oversupply
9/8/2024 11:37	0:02	AWE	0.01779	11.10000	Oversupply
9/8/2024 11:40	0:01	AWE	0.01026	11.30000	Oversupply
9/8/2024 11:45	0:02	AWE	0.01513	11.90000	Oversupply
9/8/2024 11:48	0:02	AWE	0.04194	13.10000	Oversupply
9/8/2024 11:53	0:34	AWE	0.61889	14.40000	Oversupply
9/8/2024 12:28	0:01	AWE	0.00308	13.10000	Oversupply
9/8/2024 12:30	0:39	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 12:31	0:01	AWE	0.01452	13.00000	Oversupply
9/8/2024 12:33	0:01	AWE	0.01336	12.20000	Oversupply
9/8/2024 12:36	0:02	AWE	0.02709	13.40000	Oversupply
9/8/2024 12:36	0:24	KWP/II	0.26353	1.23746	Oversupply
9/8/2024 12:39	0:30	AWE	1.22182	14.00000	Oversupply
9/8/2024 13:01	0:16	KWP/II	0.10718	0.78040	Oversupply
9/8/2024 13:10	0:09	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 13:10	0:08	AWE	0.18359	13.10000	Oversupply
9/8/2024 13:20	0:06	BS 250	Data is not available	Data is not available	Oversupply
9/8/2024 13:20	0:06	AWE	0.07741	12.70000	Oversupply
9/8/2024 13:22	0:03	KWP/II	0.01179	0.27045	Oversupply
9/8/2024 13:26	0:01	KWP/II	0.00227	0.36625	Oversupply
9/8/2024 13:33	0:01	17-2	0.00296	0.75000	Oversupply
9/8/2024 13:36	0:02	17-2	0.00233	0.75000	Oversupply
9/10/2024 6:42	0:01	AWE	0.00500	0.30000	Oversupply
9/10/2024 10:01	0:01	17-2	0.00203	0.48200	Oversupply



**Maui Curtailment Report**

**September  
2024**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/10/2024 10:04	0:03	17-2	0.03021	0.75000	Oversupply
9/10/2024 10:09	0:03	17-2	0.02098	0.75000	Oversupply
9/10/2024 10:17	0:01	17-2	0.00161	0.75000	Oversupply
9/10/2024 11:01	0:01	17-2	0.00600	0.67900	Oversupply
9/11/2024 7:45	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/11/2024 7:45	0:38	AWE	2.26583	8.30000	Oversupply
9/11/2024 7:48	0:34	BS 250	Data is not available	Data is not available	Oversupply
9/11/2024 8:00	0:01	5A	Data is not available	Data is not available	Oversupply
9/11/2024 8:09	0:01	5A	Data is not available	Data is not available	Oversupply
9/11/2024 8:11	0:11	5A	Data is not available	Data is not available	Oversupply
9/11/2024 10:22	3:38	BS 250	Data is not available	Data is not available	Oversupply
9/11/2024 10:23	3:38	AWE	18.06620	19.00000	Oversupply
9/12/2024 7:38	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/12/2024 7:39	0:01	17-2	0.00122	0.07300	Oversupply
9/13/2024 0:21	0:02	KWPPI	0.03177	7.62837	Oversupply
9/13/2024 0:21	0:02	17-2	0.01243	0.37300	Oversupply
9/13/2024 0:25	0:01	KWPPI	0.00067	7.99462	Oversupply
9/13/2024 0:25	0:01	17-2	0.00622	0.37300	Oversupply
9/13/2024 0:28	0:02	KWPPI	0.01161	8.50857	Oversupply
9/13/2024 0:28	0:02	17-2	0.01243	0.37300	Oversupply
9/13/2024 1:11	1:03	KWPPI	3.64218	11.94553	Oversupply
9/13/2024 1:11	1:03	17-2	0.39165	0.37300	Oversupply
9/13/2024 4:56	0:01	KWPPI	0.01070	5.46780	Oversupply
9/13/2024 4:56	0:01	17-2	0.00622	0.37300	Oversupply
9/13/2024 5:00	0:03	KWPPI	0.01176	6.80705	Oversupply
9/13/2024 5:00	0:03	17-2	0.01865	0.37300	Oversupply
9/13/2024 5:05	0:03	KWPPI	0.03432	7.83694	Oversupply
9/13/2024 5:05	0:03	17-2	0.01865	0.37300	Oversupply
9/13/2024 5:09	0:04	KWPPI	0.09294	8.64828	Oversupply
9/13/2024 5:09	0:04	17-2	0.02487	0.37300	Oversupply
9/13/2024 5:14	0:01	KWPPI	0.00180	5.59653	Oversupply
9/13/2024 5:14	0:01	17-2	0.00622	0.37300	Oversupply
9/13/2024 5:16	0:01	17-2	0.00287	0.37300	Oversupply
9/13/2024 5:18	0:01	KWPPI	0.00164	7.95969	Oversupply
9/13/2024 5:18	0:01	17-2	0.00622	0.37300	Oversupply
9/13/2024 5:23	0:02	17-2	0.00623	0.37300	Oversupply
9/13/2024 5:26	0:24	KWPPI	1.22253	14.21587	Oversupply
9/13/2024 5:26	0:25	17-2	0.15316	0.37300	Oversupply
9/13/2024 5:52	0:03	KWPPI	0.02335	12.53132	Oversupply
9/13/2024 5:52	0:03	17-2	0.01865	0.37300	Oversupply
9/13/2024 6:58	0:01	17-2	0.00333	0.37300	Oversupply
9/13/2024 8:32	0:02	17-2	0.01243	0.37300	Oversupply
9/13/2024 8:36	0:01	17-2	0.00332	0.37300	Oversupply
9/13/2024 9:39	0:01	17-2	0.00622	0.37300	Oversupply
9/13/2024 9:42	0:03	17-2	0.01865	0.37300	Oversupply
9/13/2024 9:51	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 9:51	0:03	KWPPI	0.05879	10.26696	Oversupply
9/13/2024 9:51	1:20	17-2	0.49202	0.37300	Oversupply
9/13/2024 9:53	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 9:55	0:42	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 9:55	0:02	KWPPI	0.02585	11.43856	Oversupply
9/13/2024 9:58	0:54	KWPPI	3.91527	11.90860	Oversupply
9/13/2024 10:39	0:12	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 10:54	0:02	KWPPI	0.01536	11.06633	Oversupply
9/13/2024 11:01	0:02	KWPPI	0.00218	10.84378	Oversupply
9/13/2024 11:02	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 11:15	0:04	17-2	0.02123	0.37300	Oversupply
9/13/2024 11:24	0:04	17-2	0.01832	0.37300	Oversupply
9/13/2024 11:45	0:01	17-2	0.00622	0.37300	Oversupply
9/13/2024 11:49	2:13	17-2	0.82682	0.37300	Oversupply
9/13/2024 11:51	0:07	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 11:51	0:07	KWPPI	0.26364	6.49569	Oversupply
9/13/2024 12:01	0:06	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 12:02	0:07	KWPPI	0.13752	6.07455	Oversupply
9/13/2024 12:08	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 12:12	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 12:14	0:21	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 12:14	0:04	KWPPI	0.11833	6.34101	Oversupply
9/13/2024 12:19	1:09	KWPPI	4.40557	10.06637	Oversupply
9/13/2024 12:37	0:50	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 12:58	0:01	AWE	0.01022	18.70000	Oversupply
9/13/2024 13:02	0:01	AWE	0.00045	18.50000	Oversupply
9/13/2024 13:04	0:03	AWE	0.12798	19.50000	Oversupply
9/13/2024 13:11	0:01	AWE	0.00788	18.30000	Oversupply
9/13/2024 13:14	0:01	AWE	0.00926	19.10000	Oversupply
9/13/2024 13:28	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 13:29	0:01	KWPPI	0.01879	10.65018	Oversupply



**Maui Curtailment Report**

**September  
2024**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/13/2024 13:31	0:12	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 13:31	0:03	KWPPII	0.09497	10.85177	Oversupply
9/13/2024 13:35	0:14	KWPPII	0.45480	10.77492	Oversupply
9/13/2024 13:44	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 13:49	0:12	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 13:50	0:12	KWPPII	0.44790	12.51236	Oversupply
9/13/2024 14:07	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 14:08	0:03	KWPPII	0.05702	11.85870	Oversupply
9/13/2024 14:08	0:03	17-2	0.01865	0.37300	Oversupply
9/13/2024 14:13	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/13/2024 14:13	0:02	KWPPII	0.03814	12.11218	Oversupply
9/13/2024 14:13	0:04	17-2	0.02364	0.37300	Oversupply
9/13/2024 14:23	0:04	17-2	0.02171	0.37300	Oversupply
9/13/2024 14:32	0:01	17-2	0.00622	0.37300	Oversupply
9/13/2024 22:38	0:03	17-2	0.01490	0.37300	Oversupply
9/13/2024 22:40	0:01	KWPPII	0.00751	17.93326	Oversupply
9/13/2024 22:54	0:20	17-2	0.12069	0.37300	Oversupply
9/13/2024 22:55	0:18	KWPPII	0.63739	17.98715	Oversupply
9/13/2024 23:20	0:11	KWPPII	0.30560	17.54805	Oversupply
9/13/2024 23:20	0:13	17-2	0.07945	0.37300	Oversupply
9/13/2024 23:32	0:01	KWPPII	0.00264	16.32655	Oversupply
9/13/2024 23:34	6:28	KWPPII	46.98064	18.02707	Oversupply
9/13/2024 23:34	6:30	17-2	2.42110	0.37300	Oversupply
9/14/2024 6:03	0:01	KWPPII	0.00592	17.96120	Oversupply
9/14/2024 6:05	0:01	KWPPII	0.00115	17.98116	Oversupply
9/14/2024 6:05	0:01	17-2	0.00622	0.37300	Oversupply
9/14/2024 6:07	0:01	17-2	0.00467	0.37300	Oversupply
9/14/2024 7:32	8:17	17-2	3.08529	0.37300	Oversupply
9/14/2024 7:33	8:05	BS 250	Data is not available	Data is not available	Oversupply
9/14/2024 7:34	8:05	KWPPII	114.82312	18.02108	Oversupply
9/14/2024 9:38	0:03	AWE	0.05089	20.50000	Oversupply
9/14/2024 9:42	5:02	AWE	43.99558	21.00000	Oversupply
9/14/2024 15:42	0:05	BS 250	Data is not available	Data is not available	Oversupply
9/14/2024 15:43	0:06	KWPPII	0.08530	17.78855	Oversupply
9/14/2024 15:50	0:19	17-2	0.11496	0.37300	Oversupply
9/14/2024 15:55	0:01	KWPPII	0.00441	17.77857	Oversupply
9/14/2024 15:58	0:05	BS 250	Data is not available	Data is not available	Oversupply
9/14/2024 15:58	0:04	KWPPII	0.06805	17.79753	Oversupply
9/14/2024 16:04	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/14/2024 16:05	0:02	KWPPII	0.02436	17.30854	Oversupply
9/14/2024 22:27	0:23	KWPPII	2.02212	18.03205	Oversupply
9/14/2024 22:27	0:24	17-2	0.14615	0.37300	Oversupply
9/14/2024 22:54	0:17	KWPPII	0.66492	18.01908	Oversupply
9/14/2024 22:54	0:17	17-2	0.10568	0.37300	Oversupply
9/15/2024 0:01	0:03	KWPPII	0.05339	17.98715	Oversupply
9/15/2024 0:01	6:20	17-2	2.36233	0.37300	Oversupply
9/15/2024 0:05	0:13	KWPPII	0.45120	18.01808	Oversupply
9/15/2024 0:19	6:02	KWPPII	54.38566	18.01509	Oversupply
9/15/2024 6:23	0:47	17-2	0.29218	0.37300	Oversupply
9/15/2024 6:24	0:46	KWPPII	1.74122	17.49116	Oversupply
9/15/2024 6:25	6:11	BS 250	Data is not available	Data is not available	Oversupply
9/15/2024 7:11	5:30	KWPPII	60.58359	17.89134	Oversupply
9/15/2024 7:11	6:18	17-2	2.34990	0.37300	Oversupply
9/15/2024 8:33	0:03	AWE	0.04550	21.00000	Oversupply
9/15/2024 8:42	0:17	AWE	0.66823	21.00000	Oversupply
9/15/2024 9:24	0:09	AWE	0.43006	21.00000	Oversupply
9/15/2024 9:38	2:42	AWE	21.67637	21.00000	Oversupply
9/15/2024 12:37	0:05	BS 250	Data is not available	Data is not available	Oversupply
9/15/2024 12:42	0:01	KWPPII	0.02465	12.68501	Oversupply
9/15/2024 12:46	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/15/2024 12:46	0:19	KWPPII	0.65728	13.46142	Oversupply
9/15/2024 12:48	0:14	BS 250	Data is not available	Data is not available	Oversupply
9/15/2024 13:03	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/15/2024 13:07	0:20	BS 250	Data is not available	Data is not available	Oversupply
9/15/2024 13:07	0:21	KWPPII	1.32974	12.93550	Oversupply
9/15/2024 13:30	0:54	17-2	0.33570	0.37300	Oversupply
9/15/2024 13:32	0:47	BS 250	Data is not available	Data is not available	Oversupply
9/15/2024 13:33	0:48	KWPPII	2.29086	8.48861	Oversupply
9/15/2024 14:28	0:03	17-2	0.01865	0.37300	Oversupply
9/15/2024 21:53	0:05	KWPPII	0.05869	15.87048	Oversupply
9/15/2024 21:53	0:05	17-2	0.03108	0.37300	Oversupply
9/15/2024 22:23	0:01	KWPPII	0.01376	15.83156	Oversupply
9/15/2024 22:23	0:02	17-2	0.01035	0.37300	Oversupply
9/16/2024 4:14	1:21	17-2	0.50279	0.37300	Oversupply
9/16/2024 4:15	1:20	KWPPII	7.25234	15.16193	Oversupply
9/16/2024 5:45	0:01	17-2	0.00072	0.37300	Oversupply
9/16/2024 5:47	0:01	KWPPII	0.00690	14.53821	Oversupply



**Maui Curtailment Report**

**September  
2024**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/16/2024 5:47	0:03	17-2	0.01686	0.37300	Oversupply
9/16/2024 5:55	0:01	17-2	0.00175	0.37300	Oversupply
9/16/2024 5:57	0:01	KWPPI	0.01140	16.02117	Oversupply
9/16/2024 5:57	0:01	17-2	0.00622	0.37300	Oversupply
9/16/2024 8:29	0:02	17-2	0.01032	0.37300	Oversupply
9/16/2024 8:32	0:11	17-2	0.04893	0.37300	Oversupply
9/16/2024 8:34	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/16/2024 8:34	0:01	KWPPI	0.00390	18.85836	Oversupply
9/16/2024 8:44	0:03	17-2	0.01532	0.37300	Oversupply
9/16/2024 8:48	0:02	17-2	0.01222	0.37300	Oversupply
9/16/2024 8:51	0:30	17-2	0.18650	0.37300	Oversupply
9/16/2024 8:52	0:05	BS 250	Data is not available	Data is not available	Oversupply
9/16/2024 8:52	0:05	KWPPI	0.09722	19.52400	Oversupply
9/16/2024 8:58	0:01	KWPPI	0.01592	19.03300	Oversupply
9/16/2024 9:02	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/16/2024 9:03	0:06	KWPPI	0.07914	19.40324	Oversupply
9/16/2024 9:04	0:11	BS 250	Data is not available	Data is not available	Oversupply
9/16/2024 9:10	0:07	KWPPI	0.14282	19.40524	Oversupply
9/16/2024 9:17	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/16/2024 9:19	0:01	KWPPI	0.01381	18.69569	Oversupply
9/16/2024 9:23	0:49	17-2	0.30116	0.37300	Oversupply
9/16/2024 9:34	0:22	BS 250	Data is not available	Data is not available	Oversupply
9/16/2024 9:35	0:19	KWPPI	1.15624	19.48907	Oversupply
9/16/2024 9:55	0:02	KWPPI	0.01718	18.87233	Oversupply
9/16/2024 10:02	0:08	BS 250	Data is not available	Data is not available	Oversupply
9/16/2024 10:02	0:09	KWPPI	0.14627	18.93720	Oversupply
9/16/2024 10:15	0:02	17-2	0.01243	0.37300	Oversupply
9/16/2024 10:24	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/16/2024 10:24	0:01	KWPPI	0.00859	15.82158	Oversupply
9/16/2024 10:24	0:02	17-2	0.01243	0.37300	Oversupply
9/16/2024 10:35	0:01	17-2	0.00347	0.37300	Oversupply
9/16/2024 10:59	0:01	17-2	0.00622	0.37300	Oversupply
9/16/2024 11:01	0:37	BS 250	Data is not available	Data is not available	Oversupply
9/16/2024 11:01	0:13	KWPPI	0.49134	18.81944	Oversupply
9/16/2024 11:01	0:39	17-2	0.24245	0.37300	Oversupply
9/16/2024 11:15	0:05	KWPPI	0.17083	17.82448	Oversupply
9/16/2024 11:21	0:18	KWPPI	0.63861	17.42031	Oversupply
9/16/2024 11:49	0:03	17-2	0.01463	0.37300	Oversupply
9/16/2024 11:59	1:52	17-2	0.68521	0.37300	Oversupply
9/16/2024 12:01	0:01	KWPPI	0.00427	16.15490	Oversupply
9/16/2024 12:04	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/16/2024 12:04	0:02	KWPPI	0.01000	17.41133	Oversupply
9/16/2024 12:07	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/16/2024 12:07	0:01	KWPPI	0.00292	17.36841	Oversupply
9/16/2024 12:09	0:20	BS 250	Data is not available	Data is not available	Oversupply
9/16/2024 12:10	0:16	KWPPI	0.73229	18.85237	Oversupply
9/16/2024 12:27	0:03	KWPPI	0.02221	16.12696	Oversupply
9/16/2024 12:32	1:14	BS 250	Data is not available	Data is not available	Oversupply
9/16/2024 12:32	0:14	KWPPI	0.42173	16.17885	Oversupply
9/16/2024 12:47	1:01	KWPPI	4.70669	19.26353	Oversupply
9/16/2024 13:47	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/16/2024 13:52	0:01	17-2	0.00482	0.37300	Oversupply
9/16/2024 14:35	0:11	17-2	0.06431	0.37300	Oversupply
9/16/2024 14:49	0:03	17-2	0.01656	0.37300	Oversupply
9/16/2024 21:59	0:01	KWPPI	0.00885	16.40738	Oversupply
9/16/2024 21:59	0:01	17-2	0.00622	0.37300	Oversupply
9/16/2024 22:53	0:01	KWPPI	0.00030	17.38638	Oversupply
9/16/2024 22:53	0:01	17-2	0.00622	0.37300	Oversupply
9/16/2024 23:41	0:01	17-2	0.00124	0.37300	Oversupply
9/16/2024 23:51	0:01	17-2	0.00155	0.37300	Oversupply
9/16/2024 23:54	0:03	KWPPI	0.00995	15.49924	Oversupply
9/16/2024 23:54	0:03	17-2	0.01865	0.37300	Oversupply
9/17/2024 0:03	0:01	KWPPI	0.00468	14.88750	Oversupply
9/17/2024 0:03	0:17	17-2	0.10158	0.37300	Oversupply
9/17/2024 0:05	0:15	KWPPI	0.57098	17.95821	Oversupply
9/17/2024 0:42	0:02	17-2	0.01136	0.37300	Oversupply
9/17/2024 0:43	0:01	KWPPI	0.00982	17.68776	Oversupply
9/17/2024 0:45	0:13	17-2	0.08082	0.37300	Oversupply
9/17/2024 0:45	0:54	KWPPI	2.43056	17.92926	Oversupply
9/17/2024 2:54	0:09	KWPPI	0.35387	17.65982	Oversupply
9/17/2024 9:25	2:12	17-2	1.63360	0.75000	Oversupply
9/17/2024 9:26	2:01	BS 250	Data is not available	Data is not available	Oversupply
9/17/2024 9:27	0:01	KWPPI	0.02180	13.90551	Oversupply
9/17/2024 9:30	1:48	KWPPI	10.70353	16.08105	Oversupply
9/17/2024 11:19	0:08	KWPPI	0.28512	13.03429	Oversupply
9/17/2024 11:28	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/17/2024 11:28	0:05	KWPPI	0.09543	12.21797	Oversupply



**Maui Curtailment Report**

**September  
2024**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/17/2024 11:38	2:28	17-2	1.80101	0.75000	Oversupply
9/17/2024 11:40	0:11	BS 250	Data is not available	Data is not available	Oversupply
9/17/2024 11:41	0:05	KWPPI	0.13248	10.52044	Oversupply
9/17/2024 11:47	1:12	KWPPI	6.22482	15.02921	Oversupply
9/17/2024 11:53	1:05	BS 250	Data is not available	Data is not available	Oversupply
9/17/2024 12:59	0:24	BS 250	Data is not available	Data is not available	Oversupply
9/17/2024 13:00	0:24	KWPPI	1.64401	15.38348	Oversupply
9/17/2024 13:29	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/17/2024 13:29	0:03	KWPPI	0.04984	15.56511	Oversupply
9/17/2024 13:35	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/17/2024 13:37	0:09	BS 250	Data is not available	Data is not available	Oversupply
9/17/2024 13:38	0:05	KWPPI	0.19311	15.93635	Oversupply
9/17/2024 13:44	0:11	KWPPI	0.12569	16.62793	Oversupply
9/17/2024 13:47	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/17/2024 13:49	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/17/2024 13:57	0:06	BS 250	Data is not available	Data is not available	Oversupply
9/17/2024 13:58	0:05	KWPPI	0.24573	15.78366	Oversupply
9/17/2024 14:07	0:09	17-2	0.10468	0.75000	Oversupply
9/17/2024 14:09	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/17/2024 14:10	0:02	KWPPI	0.03148	16.33054	Oversupply
9/17/2024 14:37	0:03	17-2	0.02319	0.75000	Oversupply
9/17/2024 20:08	0:02	KWPPI	0.06318	16.02217	Oversupply
9/17/2024 20:10	0:01	KWP	0.02210	18.32594	Oversupply
9/17/2024 21:45	0:05	KWPPI	0.04808	16.06808	Oversupply
9/17/2024 21:45	0:05	17-2	0.04150	0.49800	Oversupply
9/17/2024 21:52	0:01	17-2	0.00075	0.49800	Oversupply
9/18/2024 4:32	0:01	17-2	0.00307	0.49800	Oversupply
9/18/2024 7:21	1:22	BS 250	Data is not available	Data is not available	Oversupply
9/18/2024 7:21	1:25	17-2	0.69406	0.54600	Oversupply
9/18/2024 7:22	1:21	KWPPI	16.12962	16.88141	Oversupply
9/18/2024 7:31	0:17	AWE	0.98634	21.00000	Oversupply
9/18/2024 7:51	0:12	AWE	0.49696	21.00000	Oversupply
9/18/2024 8:15	0:11	AWE	0.24462	21.00000	Oversupply
9/18/2024 8:49	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/18/2024 8:49	0:03	KWPPI	0.02916	13.45343	Oversupply
9/18/2024 8:49	0:03	17-2	0.02302	0.57400	Oversupply
9/18/2024 9:10	0:05	17-2	0.03837	0.75000	Oversupply
9/18/2024 9:19	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/18/2024 9:19	0:02	17-2	0.02467	0.75000	Oversupply
9/18/2024 9:20	0:01	KWPPI	0.00387	10.35179	Oversupply
9/18/2024 9:22	0:02	17-2	0.01778	0.75000	Oversupply
9/18/2024 9:25	0:07	17-2	0.06201	0.75000	Oversupply
9/18/2024 9:37	0:02	17-2	0.00688	0.75000	Oversupply
9/18/2024 10:19	0:13	17-2	0.11953	0.75000	Oversupply
9/18/2024 10:22	0:01	KWPPI	0.00022	5.57158	Oversupply
9/18/2024 10:23	0:05	BS 250	Data is not available	Data is not available	Oversupply
9/18/2024 10:24	0:04	KWPPI	0.08466	7.54155	Oversupply
9/18/2024 10:30	0:01	KWPPI	0.00766	8.00959	Oversupply
9/18/2024 10:34	0:02	17-2	0.01884	0.61600	Oversupply
9/18/2024 11:50	0:01	17-2	0.01080	0.75000	Oversupply
9/18/2024 11:53	0:01	17-2	0.00561	0.75000	Oversupply
9/18/2024 22:35	0:12	KWPPI	0.47927	17.88935	Oversupply
9/18/2024 23:15	0:06	KWPPI	0.10410	17.70672	Oversupply
9/18/2024 23:27	0:11	KWPPI	0.32162	17.80552	Oversupply
9/18/2024 23:56	0:03	KWPPI	0.05456	13.55024	Oversupply
9/19/2024 0:05	0:07	KWPPI	0.22498	17.39935	Oversupply
9/19/2024 0:14	0:08	KWPPI	0.19214	15.87148	Oversupply
9/19/2024 0:23	0:02	KWPPI	0.02685	13.25484	Oversupply
9/19/2024 0:26	0:23	KWPPI	1.35471	15.79963	Oversupply
9/19/2024 0:56	0:05	KWPPI	0.07761	15.61201	Oversupply
9/19/2024 1:03	1:01	KWPPI	3.18800	17.70073	Oversupply
9/19/2024 2:13	0:10	KWPPI	0.27938	14.69389	Oversupply
9/19/2024 2:25	1:47	KWPPI	8.76915	17.04907	Oversupply
9/19/2024 4:15	0:15	KWPPI	0.62146	17.57399	Oversupply
9/19/2024 4:34	0:12	KWPPI	0.36592	17.40534	Oversupply
9/19/2024 5:21	0:08	KWPPI	0.26004	16.86245	Oversupply
9/19/2024 7:20	0:26	BS 250	Data is not available	Data is not available	Oversupply
9/19/2024 7:20	0:28	17-2	0.03843	0.19400	Oversupply
9/19/2024 7:21	0:22	KWPPI	1.16943	19.22361	Oversupply
9/19/2024 7:44	0:03	KWPPI	0.02488	18.01908	Oversupply
9/19/2024 7:52	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/19/2024 7:52	4:31	17-2	2.44888	0.75000	Oversupply
9/19/2024 7:53	0:01	KWPPI	0.00454	17.62688	Oversupply
9/19/2024 7:55	4:20	BS 250	Data is not available	Data is not available	Oversupply
9/19/2024 7:55	4:21	KWPPI	41.21042	19.55294	Oversupply
9/19/2024 12:16	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/19/2024 12:17	0:01	KWPPI	0.01161	11.21502	Oversupply



Maui Curtailment Report

September  
2024

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/19/2024 12:32	0:01	17-2	0.00458	0.30100	Oversupply
9/19/2024 12:44	0:11	17-2	0.10723	0.75000	Oversupply
9/19/2024 13:01	0:04	17-2	0.04258	0.75000	Oversupply
9/19/2024 13:06	0:01	17-2	0.00773	0.75000	Oversupply
9/19/2024 22:28	0:01	KWPPII	0.00007	16.53312	Oversupply
9/19/2024 22:33	0:12	KWPPII	0.43932	16.50917	Oversupply
9/19/2024 22:46	0:01	KWPPII	0.00081	16.43632	Oversupply
9/19/2024 23:40	1:04	KWPPII	6.22746	16.53013	Oversupply
9/20/2024 0:45	5:11	KWPPII	47.80393	16.53113	Oversupply
9/20/2024 6:48	3:35	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 6:49	3:34	KWPPII	36.32828	19.57090	Oversupply
9/20/2024 8:25	0:01	AWE	0.00912	21.00000	Oversupply
9/20/2024 8:45	0:03	AWE	0.03995	21.00000	Oversupply
9/20/2024 10:25	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 10:26	0:02	KWPPII	0.01232	9.32489	Oversupply
9/20/2024 10:53	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 10:54	0:02	KWPPII	0.01108	3.71639	Oversupply
9/20/2024 11:05	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 11:07	0:04	KWPPII	0.04441	6.60347	Oversupply
9/20/2024 11:09	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 11:47	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 11:47	0:01	KWPPII	0.00372	4.85705	Oversupply
9/20/2024 11:51	0:06	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 11:51	0:08	KWPPII	0.14028	4.56066	Oversupply
9/20/2024 11:58	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 12:00	0:02	KWPPII	0.00451	4.96283	Oversupply
9/20/2024 12:04	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 12:11	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 12:12	0:02	KWPPII	0.04042	5.85800	Oversupply
9/20/2024 12:19	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 12:19	0:03	KWPPII	0.06160	6.11148	Oversupply
9/20/2024 12:58	0:06	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 12:59	0:01	KWPPII	0.00101	8.25908	Oversupply
9/20/2024 13:01	0:04	KWPPII	0.10220	10.90965	Oversupply
9/20/2024 13:05	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 13:06	0:18	KWPPII	1.42662	13.54125	Oversupply
9/20/2024 13:08	0:15	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 13:25	0:08	KWPPII	0.17708	13.75083	Oversupply
9/20/2024 13:27	0:05	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 13:34	0:16	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 13:34	0:17	KWPPII	1.05804	12.64509	Oversupply
9/20/2024 14:57	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 15:01	0:05	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 15:02	0:05	KWPPII	0.10714	15.04617	Oversupply
9/20/2024 15:07	0:05	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 15:08	0:05	KWPPII	0.10519	15.51122	Oversupply
9/20/2024 16:34	0:26	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 16:35	0:08	KWPPII	0.37390	18.01808	Oversupply
9/20/2024 16:44	0:18	KWPPII	0.69673	18.02607	Oversupply
9/20/2024 17:01	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 17:03	0:16	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 17:03	0:18	KWPPII	0.75097	18.03006	Oversupply
9/20/2024 17:25	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 17:26	0:02	KWPPII	0.03143	18.02806	Oversupply
9/20/2024 17:29	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/20/2024 17:29	0:01	KWPPII	0.01114	17.86939	Oversupply
9/20/2024 21:49	0:23	KWPPII	1.34297	17.82548	Oversupply
9/20/2024 22:14	0:01	KWPPII	0.00990	17.75762	Oversupply
9/20/2024 22:30	0:04	KWPPII	0.09528	17.47320	Oversupply
9/21/2024 0:08	0:08	KWPPII	0.11827	16.17686	Oversupply
9/21/2024 0:17	0:01	KWPPII	0.00690	16.41337	Oversupply
9/21/2024 1:22	0:02	KWPPII	0.01026	15.98126	Oversupply
9/21/2024 1:25	0:09	KWPPII	0.12869	16.32555	Oversupply
9/21/2024 1:35	0:01	KWPPII	0.00197	16.01419	Oversupply
9/21/2024 2:47	0:09	KWPPII	0.11983	15.55912	Oversupply
9/21/2024 3:11	0:30	KWPPII	1.12007	15.00825	Oversupply
9/21/2024 3:50	0:02	KWPPII	0.02136	11.39964	Oversupply
9/21/2024 4:47	9:27	KWPPII	98.01586	17.92328	Oversupply
9/21/2024 6:25	7:48	BS 250	Data is not available	Data is not available	Oversupply
9/21/2024 9:51	0:01	AWE	0.00390	19.90000	Oversupply
9/21/2024 9:53	0:02	AWE	0.00792	19.70000	Oversupply
9/21/2024 9:56	0:08	AWE	0.22208	20.30000	Oversupply
9/21/2024 10:06	0:04	AWE	0.08521	19.90000	Oversupply
9/21/2024 10:24	0:03	AWE	0.08143	20.50000	Oversupply
9/21/2024 10:32	0:10	AWE	0.29831	20.30000	Oversupply
9/21/2024 11:07	0:33	AWE	4.57830	21.00000	Oversupply
9/21/2024 11:26	2:50	17-2	1.31220	0.75000	Oversupply



**Maui Curtailment Report**

**September  
2024**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/21/2024 11:44	0:38	AWE	5.21600	21.00000	Oversupply
9/21/2024 12:25	0:40	AWE	5.43361	21.00000	Oversupply
9/21/2024 13:08	0:03	AWE	0.06610	21.00000	Oversupply
9/21/2024 13:27	0:07	AWE	0.23837	21.00000	Oversupply
9/21/2024 13:46	0:04	AWE	0.05990	21.00000	Oversupply
9/21/2024 13:55	0:01	AWE	0.00381	20.50000	Oversupply
9/21/2024 14:06	0:03	AWE	0.04445	20.20000	Oversupply
9/21/2024 14:21	0:02	17-2	0.02058	0.75000	Oversupply
9/21/2024 15:01	0:31	17-2	0.34935	0.75000	Oversupply
9/21/2024 15:02	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/21/2024 15:02	0:01	KWPPII	0.01073	13.61411	Oversupply
9/21/2024 15:04	0:13	BS 250	Data is not available	Data is not available	Oversupply
9/21/2024 15:05	0:01	KWPPII	0.02014	13.47140	Oversupply
9/21/2024 15:07	0:11	KWPPII	0.96632	14.69689	Oversupply
9/21/2024 15:18	0:11	BS 250	Data is not available	Data is not available	Oversupply
9/21/2024 15:20	0:10	KWPPII	0.58863	16.09303	Oversupply
9/21/2024 15:42	0:12	BS 250	Data is not available	Data is not available	Oversupply
9/21/2024 15:42	0:19	17-2	0.17469	0.75000	Oversupply
9/21/2024 15:43	0:11	KWPPII	0.48237	14.98131	Oversupply
9/21/2024 15:56	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/21/2024 15:57	0:03	KWPPII	0.04052	14.07816	Oversupply
9/21/2024 16:02	0:02	17-2	0.00420	0.17500	Oversupply
9/21/2024 21:13	0:03	KWPPII	0.03673	19.53597	Oversupply
9/21/2024 21:13	0:03	17-2	0.00135	0.02700	Oversupply
9/21/2024 22:04	0:06	17-2	0.00270	0.02700	Oversupply
9/21/2024 22:05	0:01	KWPPII	0.00801	19.55194	Oversupply
9/21/2024 22:07	0:20	KWPPII	1.87878	19.58787	Oversupply
9/21/2024 23:29	1:34	KWPPII	11.21087	19.57689	Oversupply
9/22/2024 1:04	0:01	KWPPII	0.00552	19.52599	Oversupply
9/22/2024 1:06	5:32	KWPPII	57.27185	19.58288	Oversupply
9/22/2024 2:27	0:09	AWE	0.14021	21.00000	Oversupply
9/22/2024 3:23	0:04	AWE	0.03409	19.90000	Oversupply
9/22/2024 3:28	0:01	AWE	0.00155	18.80000	Oversupply
9/22/2024 3:30	0:08	AWE	0.24052	21.00000	Oversupply
9/22/2024 4:07	0:03	AWE	0.02666	20.70000	Oversupply
9/22/2024 4:13	0:02	AWE	0.00913	20.20000	Oversupply
9/22/2024 4:49	0:03	AWE	0.02441	21.00000	Oversupply
9/22/2024 6:25	0:12	BS 250	Data is not available	Data is not available	Oversupply
9/22/2024 6:53	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/22/2024 7:04	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/22/2024 7:05	0:01	KWPPII	0.00303	18.04303	Oversupply
9/22/2024 7:07	4:39	BS 250	Data is not available	Data is not available	Oversupply
9/22/2024 7:07	3:47	KWPPII	36.66552	18.04503	Oversupply
9/22/2024 8:29	3:11	AWE	18.10805	21.00000	Oversupply
9/22/2024 10:59	0:05	KWPPII	0.03575	0.97500	Oversupply
9/22/2024 11:06	0:02	KWPPII	0.01004	0.53690	Oversupply
9/22/2024 11:11	0:19	KWPPII	0.28484	2.00290	Oversupply
9/22/2024 11:41	0:04	AWE	0.04569	21.00000	Oversupply
9/22/2024 12:29	0:27	BS 250	Data is not available	Data is not available	Oversupply
9/22/2024 12:29	0:27	KWPPII	0.47255	1.83424	Oversupply
9/22/2024 12:31	0:21	AWE	0.53908	20.50000	Oversupply
9/22/2024 12:53	0:03	AWE	0.01960	21.00000	Oversupply
9/22/2024 14:15	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/22/2024 14:16	0:02	KWPPII	0.02681	1.24046	Oversupply
9/22/2024 14:28	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/22/2024 14:29	0:01	AWE	0.01572	20.30000	Oversupply
9/22/2024 14:29	0:01	KWPPII	0.00409	0.30038	Oversupply
9/22/2024 23:08	0:03	KWPPII	0.01989	12.35269	Oversupply
9/22/2024 23:12	1:06	KWPPII	5.18288	15.28967	Oversupply
9/23/2024 0:19	4:21	KWPPII	31.59794	15.37749	Oversupply
9/23/2024 1:01	0:04	AWE	0.09753	17.00000	Oversupply
9/23/2024 1:06	0:02	AWE	0.03488	16.30000	Oversupply
9/23/2024 1:09	0:01	AWE	0.00723	16.20000	Oversupply
9/23/2024 1:11	0:01	AWE	0.00198	16.30000	Oversupply
9/23/2024 1:14	0:01	AWE	0.00422	17.60000	Oversupply
9/23/2024 1:17	0:03	AWE	0.00922	16.20000	Oversupply
9/23/2024 1:24	0:01	AWE	0.00126	15.30000	Oversupply
9/23/2024 1:26	0:01	AWE	0.00890	15.40000	Oversupply
9/23/2024 1:30	0:07	AWE	0.12272	17.80000	Oversupply
9/23/2024 1:38	0:06	AWE	0.18549	18.60000	Oversupply
9/23/2024 1:55	0:16	AWE	0.58680	17.60000	Oversupply
9/23/2024 2:12	0:01	AWE	0.00738	17.20000	Oversupply
9/23/2024 2:15	0:10	AWE	0.33427	17.80000	Oversupply
9/23/2024 2:27	0:03	AWE	0.07705	17.00000	Oversupply
9/23/2024 2:32	0:22	AWE	0.65312	16.80000	Oversupply
9/23/2024 2:55	0:01	AWE	0.00447	16.20000	Oversupply
9/23/2024 3:22	0:01	AWE	0.01430	19.30000	Oversupply



**Maui Curtailment Report**

**September  
2024**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/23/2024 3:24	0:04	AWE	0.04781	19.30000	Oversupply
9/23/2024 3:29	0:12	AWE	0.21716	19.70000	Oversupply
9/23/2024 3:43	0:09	AWE	0.12773	17.90000	Oversupply
9/23/2024 3:53	0:04	AWE	0.10401	17.30000	Oversupply
9/23/2024 4:31	0:01	AWE	0.00619	17.00000	Oversupply
9/23/2024 4:35	0:01	AWE	0.00213	18.60000	Oversupply
9/23/2024 4:42	0:02	KWPPII	0.01262	4.81813	Oversupply
9/23/2024 5:47	0:02	KWPPII	0.02025	7.59743	Oversupply
9/23/2024 8:40	0:02	17-2	0.01050	0.52400	Oversupply
9/23/2024 8:50	0:08	BS 250	Data is not available	Data is not available	Oversupply
9/23/2024 8:50	0:09	AWE	0.26816	17.90000	Oversupply
9/23/2024 8:50	4:51	17-2	3.54483	0.74600	Oversupply
9/23/2024 8:59	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/23/2024 9:00	0:01	AWE	0.01000	16.70000	Oversupply
9/23/2024 9:03	0:01	AWE	0.00060	17.50000	Oversupply
9/23/2024 9:10	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/23/2024 9:10	0:02	AWE	0.01515	17.60000	Oversupply
9/23/2024 9:18	4:22	AWE	29.18435	19.30000	Oversupply
9/23/2024 9:19	0:17	BS 250	Data is not available	Data is not available	Oversupply
9/23/2024 9:37	4:03	BS 250	Data is not available	Data is not available	Oversupply
9/23/2024 9:42	0:02	KWPPII	0.00408	0.38421	Oversupply
9/23/2024 9:45	0:01	KWPPII	0.00079	0.20757	Oversupply
9/23/2024 9:52	0:33	KWPPII	0.52970	1.68654	Oversupply
9/23/2024 11:11	0:01	KWPPII	0.00767	0.49998	Oversupply
9/23/2024 11:13	0:09	KWPPII	0.05982	1.23447	Oversupply
9/23/2024 11:24	0:22	KWPPII	0.14387	0.84726	Oversupply
9/23/2024 12:01	0:38	KWPPII	0.69459	2.65257	Oversupply
9/23/2024 12:42	0:01	KWPPII	0.00327	0.37623	Oversupply
9/23/2024 12:46	0:02	KWPPII	0.00464	0.25148	Oversupply
9/23/2024 12:53	0:02	KWPPII	0.00393	0.29040	Oversupply
9/23/2024 12:56	0:01	KWPPII	0.00088	0.06287	Oversupply
9/23/2024 12:59	0:01	KWPPII	0.00542	0.42513	Oversupply
9/23/2024 13:10	0:02	KWPPII	0.00790	0.36725	Oversupply
9/23/2024 13:42	0:05	17-2	0.05175	0.74600	Oversupply
9/23/2024 13:50	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/23/2024 13:50	0:08	17-2	0.08825	0.74600	Oversupply
9/23/2024 14:32	0:26	17-2	0.31968	0.74600	Oversupply
9/23/2024 14:36	0:12	BS 250	Data is not available	Data is not available	Oversupply
9/23/2024 14:36	0:02	AWE	0.00577	19.20000	Oversupply
9/23/2024 14:36	0:12	KWPPII	0.17106	1.91308	Oversupply
9/23/2024 14:39	0:06	AWE	0.29501	18.70000	Oversupply
9/23/2024 14:46	0:01	AWE	0.00333	18.00000	Oversupply
9/23/2024 14:48	0:01	AWE	0.00129	19.00000	Oversupply
9/23/2024 14:52	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/23/2024 14:52	0:01	AWE	0.00316	19.30000	Oversupply
9/23/2024 14:59	0:04	17-2	0.04973	0.74600	Oversupply
9/23/2024 15:00	0:01	KWPPII	0.00056	1.03288	Oversupply
9/23/2024 15:08	0:01	17-2	0.01243	0.74600	Oversupply
9/23/2024 15:13	0:04	17-2	0.04154	0.72500	Oversupply
9/23/2024 15:49	0:02	17-2	0.02053	0.61600	Oversupply
9/23/2024 15:56	0:01	17-2	0.00968	0.58100	Oversupply
9/23/2024 16:00	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/23/2024 16:00	0:03	17-2	0.02787	0.62400	Oversupply
9/23/2024 16:05	0:01	17-2	0.00399	0.54600	Oversupply
9/23/2024 21:34	0:02	KWPPII	0.01486	16.22077	Oversupply
9/23/2024 22:37	0:14	KWPPII	0.54436	15.40045	Oversupply
9/23/2024 22:52	0:02	KWPPII	0.01787	12.30579	Oversupply
9/23/2024 22:56	0:25	KWPPII	1.78233	16.34950	Oversupply
9/24/2024 0:05	0:10	KWPPII	0.39250	12.92252	Oversupply
9/24/2024 0:16	0:03	KWPPII	0.02608	9.63526	Oversupply
9/24/2024 0:21	5:43	KWPPII	46.13473	17.64684	Oversupply
9/24/2024 0:38	0:05	AWE	0.09423	21.00000	Oversupply
9/24/2024 0:45	0:08	AWE	0.11898	19.10000	Oversupply
9/24/2024 0:57	0:01	AWE	0.01008	18.70000	Oversupply
9/24/2024 0:59	0:08	AWE	0.13162	19.50000	Oversupply
9/24/2024 1:10	0:01	AWE	0.00061	16.50000	Oversupply
9/24/2024 1:13	0:23	AWE	1.14866	21.00000	Oversupply
9/24/2024 1:38	0:03	AWE	0.03958	21.00000	Oversupply
9/24/2024 1:50	0:04	AWE	0.03638	21.00000	Oversupply
9/24/2024 3:56	0:02	AWE	0.01950	16.30000	Oversupply
9/24/2024 5:29	0:01	AWE	0.00101	18.10000	Oversupply
9/24/2024 5:31	0:04	AWE	0.01965	19.70000	Oversupply
9/24/2024 5:45	0:02	AWE	0.00648	19.80000	Oversupply
9/24/2024 5:48	0:01	AWE	0.00183	20.00000	Oversupply
9/24/2024 6:38	7:46	BS 250	Data is not available	Data is not available	Oversupply
9/24/2024 6:38	7:46	KWPPII	58.14036	18.78052	Oversupply
9/24/2024 7:39	1:16	AWE	4.75683	21.00000	Oversupply



**Maui Curtailment Report**

**September  
2024**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/24/2024 8:58	0:01	AWE	0.00562	21.00000	Oversupply
9/24/2024 9:22	0:01	AWE	0.00193	20.20000	Oversupply
9/24/2024 9:24	0:02	AWE	0.01554	19.80000	Oversupply
9/24/2024 9:27	0:01	AWE	0.00572	20.60000	Oversupply
9/24/2024 9:31	0:01	AWE	0.00440	19.80000	Oversupply
9/24/2024 9:42	0:02	AWE	0.01914	19.60000	Oversupply
9/24/2024 9:45	4:06	AWE	35.89815	21.00000	Oversupply
9/24/2024 13:54	0:14	AWE	0.31586	21.00000	Oversupply
9/24/2024 14:09	0:07	AWE	0.12804	21.00000	Oversupply
9/24/2024 15:58	0:01	KWPPI	0.00131	0.07884	Oversupply
9/25/2024 1:58	0:01	KWPPI	0.00093	17.18080	Oversupply
9/25/2024 2:02	0:02	KWPPI	0.02113	17.53008	Oversupply
9/25/2024 2:05	0:08	KWPPI	0.12621	17.38039	Oversupply
9/25/2024 2:48	0:01	KWPPI	0.00688	16.72673	Oversupply
9/25/2024 2:58	0:02	KWPPI	0.01792	17.08899	Oversupply
9/25/2024 3:01	0:01	KWPPI	0.00383	17.24367	Oversupply
9/25/2024 3:03	0:01	KWPPI	0.00375	16.97721	Oversupply
9/25/2024 3:06	0:01	KWPPI	0.00076	16.78860	Oversupply
9/25/2024 3:11	0:01	KWPPI	0.00284	17.29457	Oversupply
9/25/2024 3:34	0:01	KWPPI	0.00215	17.22970	Oversupply
9/25/2024 3:39	0:03	KWPPI	0.03986	17.21972	Oversupply
9/25/2024 3:43	0:31	KWPPI	2.23150	17.57699	Oversupply
9/25/2024 4:32	0:12	KWPPI	0.46551	15.79963	Oversupply
9/25/2024 4:45	0:01	KWPPI	0.00659	12.66006	Oversupply
9/25/2024 5:00	0:07	KWPPI	0.13538	12.82173	Oversupply
9/25/2024 5:08	0:01	KWPPI	0.00006	11.89762	Oversupply
9/25/2024 5:10	0:25	KWPPI	0.67033	16.36148	Oversupply
9/25/2024 7:12	7:58	BS 250	Data is not available	Data is not available	Oversupply
9/25/2024 7:13	7:58	KWPPI	102.04719	19.39027	Oversupply
9/25/2024 7:31	0:01	AWE	0.00685	20.70000	Oversupply
9/25/2024 7:39	0:01	AWE	0.00188	19.80000	Oversupply
9/25/2024 8:50	0:05	AWE	0.27238	21.00000	Oversupply
9/25/2024 8:56	0:06	AWE	0.17380	20.10000	Oversupply
9/25/2024 9:03	5:24	AWE	61.50790	21.00000	Oversupply
9/25/2024 11:44	0:04	5A	Data is not available	Data is not available	Oversupply
9/25/2024 11:44	0:04	KWP	0.23290	8.87815	Oversupply
9/25/2024 12:19	0:01	5A	Data is not available	Data is not available	Oversupply
9/25/2024 12:44	2:40	17-2	1.93672	0.75000	Oversupply
9/25/2024 14:30	0:03	AWE	0.03077	20.80000	Oversupply
9/25/2024 15:12	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/25/2024 15:13	0:01	KWPPI	0.00971	10.84578	Oversupply
9/25/2024 15:14	0:09	BS 250	Data is not available	Data is not available	Oversupply
9/25/2024 15:15	0:09	KWPPI	0.34629	12.18004	Oversupply
9/25/2024 23:46	3:58	KWPPI	21.50285	16.37545	Oversupply
9/26/2024 3:07	0:03	AWE	0.03944	12.00000	Oversupply
9/26/2024 3:45	0:04	KWPPI	0.06628	13.73286	Oversupply
9/26/2024 3:50	0:01	KWPPI	0.00251	13.17900	Oversupply
9/26/2024 4:01	0:06	KWPPI	0.07663	14.22386	Oversupply
9/26/2024 4:50	0:48	KWPPI	4.22469	15.54814	Oversupply
9/26/2024 5:39	0:03	KWPPI	0.03917	15.41641	Oversupply
9/26/2024 5:43	0:01	KWPPI	0.00297	15.29566	Oversupply
9/26/2024 7:16	0:35	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 7:16	0:36	17-2	0.04057	0.20100	Oversupply
9/26/2024 7:17	0:34	KWPPI	2.01379	16.47724	Oversupply
9/26/2024 8:12	0:01	17-2	0.00175	0.10500	Oversupply
9/26/2024 8:14	0:01	17-2	0.00174	0.39600	Oversupply
9/26/2024 8:30	0:08	17-2	0.02419	0.57500	Oversupply
9/26/2024 8:32	0:03	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 8:33	0:03	KWPPI	0.04421	15.42939	Oversupply
9/26/2024 8:39	0:07	17-2	0.02441	0.38800	Oversupply
9/26/2024 8:40	0:05	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 8:41	0:05	KWPPI	0.14145	14.85756	Oversupply
9/26/2024 8:47	1:12	17-2	0.67073	0.75000	Oversupply
9/26/2024 8:51	0:58	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 8:51	0:59	KWPPI	4.11100	18.00311	Oversupply
9/26/2024 9:50	0:08	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 9:51	0:06	KWPPI	0.16761	17.74863	Oversupply
9/26/2024 10:21	1:14	17-2	0.90724	0.75000	Oversupply
9/26/2024 10:22	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 10:24	0:08	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 10:25	0:07	KWPPI	0.13791	17.50813	Oversupply
9/26/2024 10:36	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 10:36	0:02	KWPPI	0.00477	15.86450	Oversupply
9/26/2024 10:38	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 10:42	0:37	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 10:43	0:38	KWPPI	2.36792	14.85856	Oversupply
9/26/2024 11:21	0:01	BS 250	Data is not available	Data is not available	Oversupply



**Maui Curtailment Report**

**September  
2024**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/26/2024 11:23	0:05	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 11:25	0:04	KWPPII	0.13129	11.01144	Oversupply
9/26/2024 11:31	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 11:36	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 11:36	0:01	17-2	0.01078	0.75000	Oversupply
9/26/2024 11:38	0:01	KWPPII	0.02017	13.81170	Oversupply
9/26/2024 11:38	0:01	17-2	0.01250	0.75000	Oversupply
9/26/2024 11:40	0:14	17-2	0.17500	0.75000	Oversupply
9/26/2024 11:43	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 11:43	0:10	KWPPII	0.28233	14.01528	Oversupply
9/26/2024 11:48	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 11:56	0:07	17-2	0.08588	0.75000	Oversupply
9/26/2024 11:57	0:01	KWPPII	0.00699	13.48637	Oversupply
9/26/2024 11:59	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/26/2024 11:59	0:03	KWPPII	0.04592	14.88350	Oversupply
9/26/2024 13:20	0:01	17-2	0.00486	0.75000	Oversupply
9/26/2024 15:04	0:02	17-2	0.00820	0.45400	Oversupply
9/26/2024 15:19	0:02	17-2	0.02500	0.75000	Oversupply
9/27/2024 0:06	0:01	KWPPII	0.00873	14.57613	Oversupply
9/27/2024 0:11	0:01	KWPPII	0.00426	15.54016	Oversupply
9/27/2024 0:17	0:01	KWPPII	0.02492	14.31866	Oversupply
9/27/2024 0:19	0:01	KWPPII	0.00883	15.16393	Oversupply
9/27/2024 0:46	0:01	KWPPII	0.01575	15.95930	Oversupply
9/27/2024 9:24	2:50	17-2	1.28026	0.75000	Oversupply
9/27/2024 9:25	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/27/2024 9:27	0:17	BS 250	Data is not available	Data is not available	Oversupply
9/27/2024 9:27	0:18	KWPPII	0.34092	2.37613	Oversupply
9/27/2024 9:35	0:01	AWE	0.00303	19.00000	Oversupply
9/27/2024 9:38	0:02	AWE	0.02167	18.80000	Oversupply
9/27/2024 9:42	0:01	AWE	0.00846	19.60000	Oversupply
9/27/2024 9:46	1:13	BS 250	Data is not available	Data is not available	Oversupply
9/27/2024 9:46	1:13	KWPPII	2.50897	4.35308	Oversupply
9/27/2024 9:52	0:01	AWE	0.02183	18.60000	Oversupply
9/27/2024 9:54	0:13	AWE	0.26740	19.40000	Oversupply
9/27/2024 10:08	0:41	AWE	1.68852	19.10000	Oversupply
9/27/2024 11:01	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/27/2024 11:01	0:04	KWPPII	0.08442	3.63954	Oversupply
9/27/2024 11:06	1:05	BS 250	Data is not available	Data is not available	Oversupply
9/27/2024 11:06	0:03	KWPPII	0.07330	4.26227	Oversupply
9/27/2024 11:10	1:01	KWPPII	4.82080	7.95071	Oversupply
9/27/2024 11:12	0:36	AWE	1.94321	19.40000	Oversupply
9/27/2024 11:50	0:04	AWE	0.07660	18.40000	Oversupply
9/27/2024 11:56	0:01	AWE	0.00187	16.70000	Oversupply
9/27/2024 12:05	0:01	AWE	0.00393	17.10000	Oversupply
9/27/2024 12:08	0:01	AWE	0.00073	16.70000	Oversupply
9/27/2024 12:17	0:01	17-2	0.00535	0.32300	Oversupply
9/27/2024 12:19	0:05	17-2	0.05220	0.75000	Oversupply
9/27/2024 12:42	0:01	17-2	0.00455	0.75000	Oversupply
9/27/2024 13:16	0:01	17-2	0.00668	0.41500	Oversupply
9/27/2024 13:22	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/27/2024 13:22	0:50	17-2	0.43219	0.75000	Oversupply
9/27/2024 13:23	0:02	KWPPII	0.03018	4.31216	Oversupply
9/27/2024 13:24	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/27/2024 13:28	0:42	BS 250	Data is not available	Data is not available	Oversupply
9/27/2024 13:29	0:01	KWPPII	0.01044	4.52473	Oversupply
9/27/2024 13:31	0:29	KWPPII	1.59255	6.69428	Oversupply
9/27/2024 13:48	0:02	AWE	0.02472	17.40000	Oversupply
9/27/2024 13:55	0:02	AWE	0.01525	17.40000	Oversupply
9/27/2024 14:01	0:08	KWPPII	0.24295	8.48162	Oversupply
9/27/2024 14:10	0:01	KWPPII	0.01783	6.95176	Oversupply
9/27/2024 15:15	0:02	17-2	0.00423	0.39800	Oversupply
9/27/2024 16:09	0:01	KWPPII	0.00392	10.48152	Oversupply
9/27/2024 16:09	0:03	17-2	0.01562	0.35500	Oversupply
9/27/2024 16:13	0:10	BS 250	Data is not available	Data is not available	Oversupply
9/27/2024 16:13	0:10	KWPPII	0.29754	14.64998	Oversupply
9/27/2024 16:13	0:13	17-2	0.05780	0.48500	Oversupply
9/28/2024 4:49	0:01	AWE	0.00537	20.30000	Oversupply
9/28/2024 4:51	0:02	AWE	0.00751	20.10000	Oversupply
9/28/2024 4:54	0:06	AWE	0.02234	20.30000	Oversupply
9/28/2024 5:02	0:01	AWE	0.00077	20.60000	Oversupply
9/28/2024 8:11	0:02	17-2	0.00919	0.41200	Oversupply
9/28/2024 8:49	6:31	17-2	4.34605	0.75000	Oversupply
9/28/2024 8:54	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/28/2024 8:55	0:01	AWE	0.00350	18.40000	Oversupply
9/28/2024 9:01	0:02	KWPPII	0.01614	0.93109	Oversupply
9/28/2024 9:02	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/28/2024 9:04	0:01	KWPPII	0.00720	0.83828	Oversupply



**Maui Curtailment Report**

**September  
2024**

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
9/28/2024 9:05	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/28/2024 9:09	0:04	BS 250	Data is not available	Data is not available	Oversupply
9/28/2024 9:09	0:04	KWPPII	0.07788	3.87306	Oversupply
9/28/2024 9:14	6:02	BS 250	Data is not available	Data is not available	Oversupply
9/28/2024 9:15	6:01	KWPPII	70.17289	16.74769	Oversupply
9/28/2024 9:28	0:02	AWE	0.01367	16.20000	Oversupply
9/28/2024 9:34	4:57	AWE	48.53144	20.50000	Oversupply
9/28/2024 12:35	0:01	5A	Data is not available	Data is not available	Oversupply
9/28/2024 12:36	0:01	KWP	0.00155	15.28291	Oversupply
9/28/2024 14:33	0:02	AWE	0.02809	19.80000	Oversupply
9/28/2024 14:37	0:01	AWE	0.01534	20.40000	Oversupply
9/28/2024 14:44	0:10	AWE	0.27607	20.30000	Oversupply
9/28/2024 14:56	0:02	AWE	0.00516	19.80000	Oversupply
9/28/2024 15:17	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/28/2024 15:17	0:02	KWPPII	0.00853	12.29082	Oversupply
9/28/2024 15:22	0:02	17-2	0.01184	0.70300	Oversupply
9/28/2024 15:26	0:02	17-2	0.01467	0.68200	Oversupply
9/28/2024 21:30	1:18	KWPPII	6.96301	17.82049	Oversupply
9/28/2024 22:53	0:01	KWPPII	0.01147	10.52244	Oversupply
9/28/2024 22:55	0:03	KWPPII	0.05456	11.37370	Oversupply
9/28/2024 23:06	0:01	KWPPII	0.01638	7.68525	Oversupply
9/28/2024 23:47	0:01	KWPPII	0.00176	1.00594	Oversupply
9/29/2024 1:00	0:01	AWE	0.00708	10.20000	Oversupply
9/29/2024 1:00	0:02	KWPPII	0.00969	0.49499	Oversupply
9/29/2024 1:06	0:01	KWPPII	0.00550	3.32918	Oversupply
9/29/2024 1:08	0:01	KWPPII	0.00408	4.40597	Oversupply
9/29/2024 2:10	0:29	AWE	0.66619	12.90000	Oversupply
9/29/2024 2:11	0:29	KWPPII	1.05486	4.17744	Oversupply
9/29/2024 2:47	0:01	AWE	0.00514	6.50000	Oversupply
9/29/2024 2:56	0:02	AWE	0.02925	4.70000	Oversupply
9/29/2024 2:59	0:14	KWPPII	0.67935	5.12151	Oversupply
9/29/2024 3:01	0:12	AWE	0.18327	5.10000	Oversupply
9/29/2024 4:18	0:07	KWPPII	0.07036	9.73805	Oversupply
9/29/2024 5:56	0:11	KWPPII	0.22439	7.17630	Oversupply
9/29/2024 6:08	0:06	KWPPII	0.22823	6.85196	Oversupply
9/29/2024 8:45	0:01	17-2	0.00930	0.55800	Oversupply
9/29/2024 10:28	0:02	17-2	0.02500	0.75000	Oversupply
9/29/2024 10:40	0:14	17-2	0.13763	0.75000	Oversupply
9/29/2024 10:46	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/29/2024 10:46	0:01	KWPPII	0.00119	0.32234	Oversupply
9/29/2024 10:58	2:59	17-2	2.21639	0.75000	Oversupply
9/29/2024 11:05	2:24	BS 250	Data is not available	Data is not available	Oversupply
9/29/2024 11:06	0:03	AWE	0.05893	18.80000	Oversupply
9/29/2024 11:10	2:19	AWE	12.87295	21.00000	Oversupply
9/29/2024 11:55	0:55	KWPPII	1.30408	3.02181	Oversupply
9/29/2024 13:20	0:02	KWPPII	0.00209	0.27444	Oversupply
9/29/2024 13:23	0:06	KWPPII	0.01237	0.36026	Oversupply
9/29/2024 13:30	0:02	BS 250	Data is not available	Data is not available	Oversupply
9/29/2024 13:30	0:02	AWE	0.02537	18.60000	Oversupply
9/29/2024 13:33	0:01	BS 250	Data is not available	Data is not available	Oversupply
9/29/2024 13:33	0:01	AWE	0.00268	18.80000	Oversupply
9/29/2024 13:33	0:01	KWPPII	0.00188	0.29739	Oversupply
9/29/2024 13:46	0:01	KWPPII	0.00359	0.31735	Oversupply
9/29/2024 22:37	0:09	KWPPII	0.17379	14.45239	Oversupply
9/29/2024 23:09	0:01	KWPPII	0.00618	13.04627	Oversupply
9/29/2024 23:17	0:05	KWPPII	0.16073	14.46436	Oversupply
9/29/2024 23:23	0:01	KWPPII	0.00519	12.70796	Oversupply
9/29/2024 23:32	0:03	KWPPII	0.03743	14.33463	Oversupply
9/29/2024 23:37	0:02	KWPPII	0.02195	13.10215	Oversupply
9/30/2024 0:27	0:07	KWPPII	0.21073	12.38363	Oversupply
9/30/2024 0:35	0:01	KWPPII	0.00450	9.54444	Oversupply
9/30/2024 0:38	0:06	KWPPII	0.10164	11.82477	Oversupply
9/30/2024 0:52	0:01	KWPPII	0.00436	6.71424	Oversupply
9/30/2024 1:10	0:03	KWPPII	0.05837	4.98978	Oversupply
9/30/2024 1:18	0:02	KWPPII	0.00892	5.79912	Oversupply
9/30/2024 1:22	0:01	KWPPII	0.01225	6.13144	Oversupply
9/30/2024 22:46	0:05	KWPPII	0.16239	9.68715	Oversupply
9/30/2024 22:53	0:39	KWPPII	4.19170	11.13718	Oversupply
9/30/2024 23:19	0:02	AWE	0.03233	12.90000	Oversupply
9/30/2024 23:25	0:05	AWE	0.07888	13.70000	Oversupply
9/30/2024 23:36	0:01	KWPPII	0.00540	10.95955	Oversupply
9/30/2024 23:40	0:20	KWPPII	1.82723	12.34670	Oversupply
<b>Total Estimated Curtailed MWH</b>			<b>1,814.236</b>		



Lanai Curtailment Report

September 2024

Start Date and Time	Duration (h:mm)	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
No curtailment for September 2024					
<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.					

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**Chu, Michael**

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**From:** noreply@salesforce.com on behalf of PUC CDMS <hpuc@notify.hawaii.gov>  
**Sent:** Thursday, October 24, 2024 10:38 AM  
**To:** Chu, Michael  
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**Account:** Hawaiian Electric Company, Inc.  
**Date and Time Submitted:** 10/24/2024, 10:37 AM  
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**Case or Docket Number (if applicable):** 2011-0206  
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