



May 23, 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's¹ monthly report for April 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.

Sincerely,

/s/ Andrew Nojiri

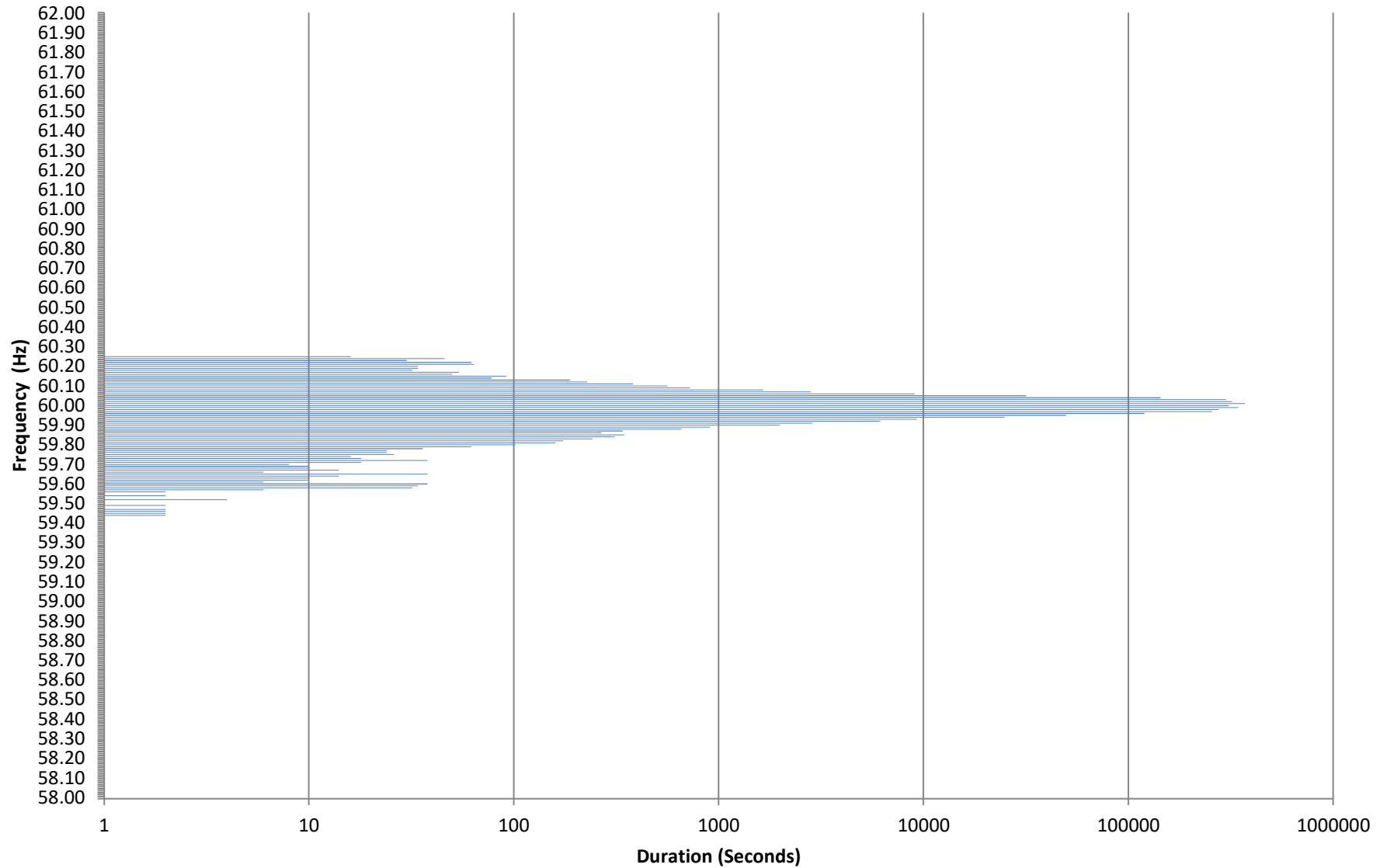
for Kevin M. Katsura
Director, Regulatory Non-Rate Proceedings

Enclosures

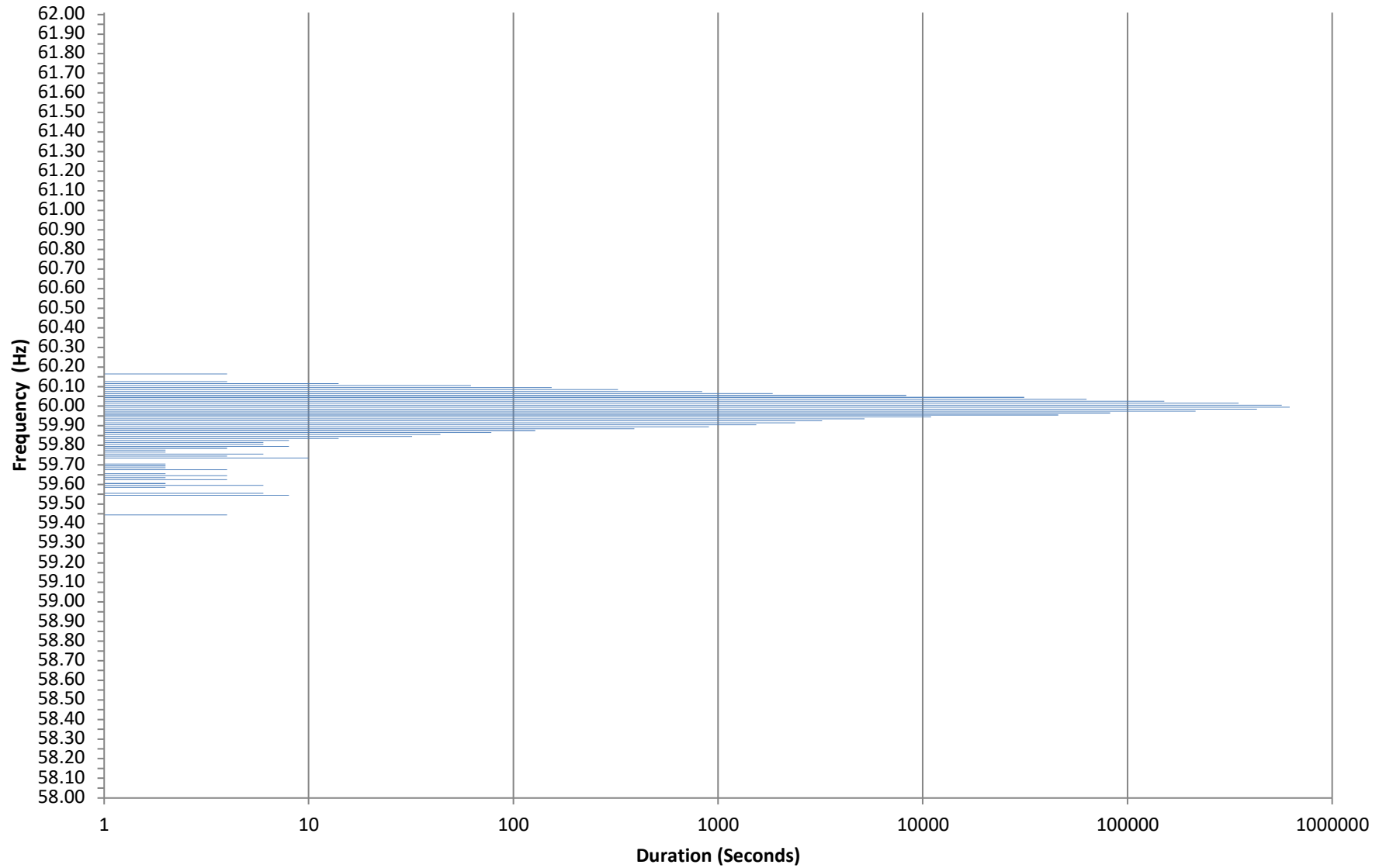
c: Service List

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

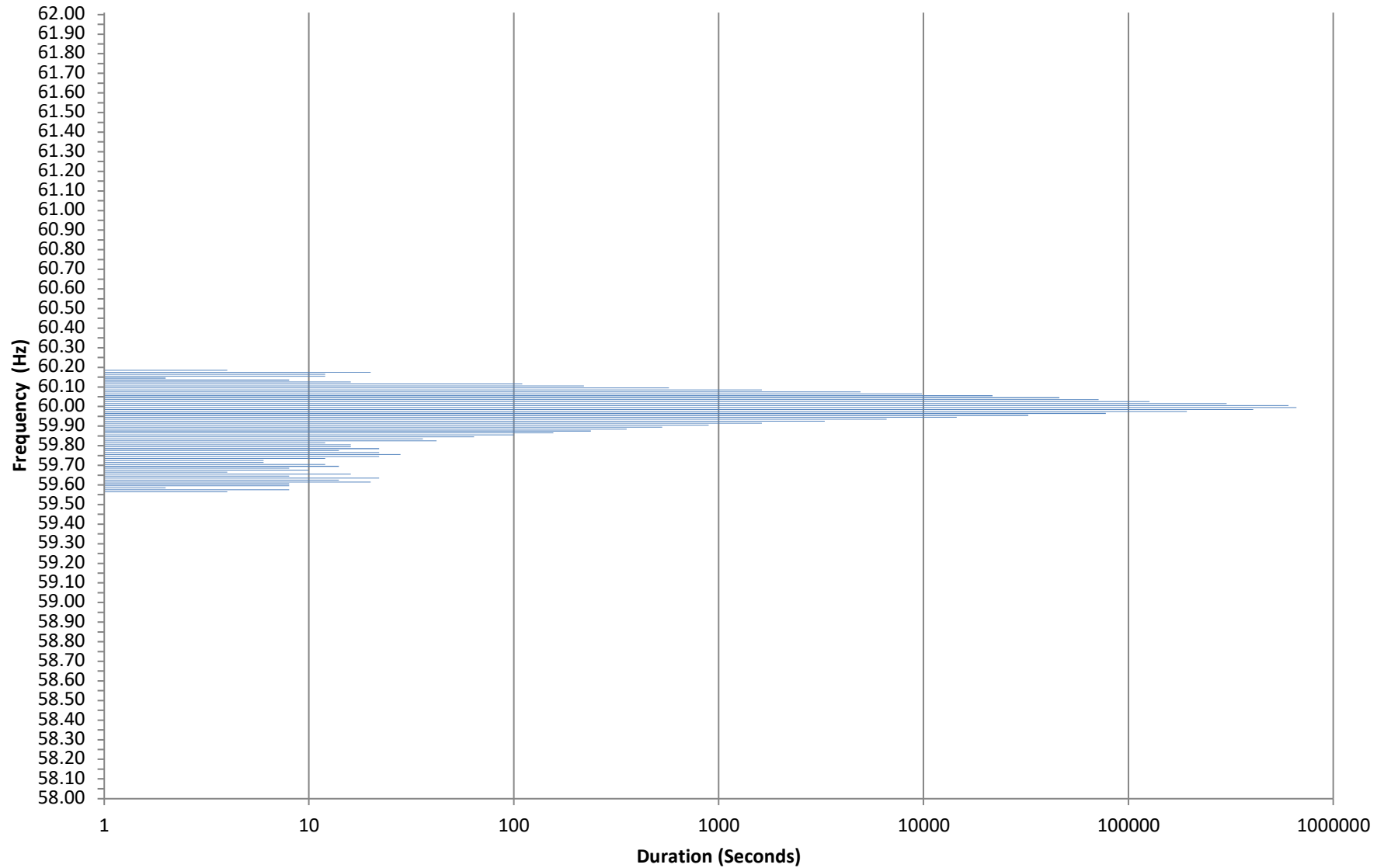
Frequency Distribution Plot - Hawaiian Electric April 2024



Frequency Distribution Plot - Hawai'i Island April 2024



Frequency Distribution Plot - Maui Electric Company, Limited April 2024



Hawaiian Electric Frequency Excursion Statistics		
April 2024		
Data Rounded to the nearest	<59.95 Hz	>60.05 Hz
Number of Excursions	4406	1889
Maximum Duration (sec)	1032	570
Maximum Deviation (Hz)	59.439	60.252
Total Duration of Excursions (sec)	66538	24082

Hawai'i Island Frequency Excursion Statistics April 2024		
	<59.95 Hz	>60.05 Hz
Number of Excursions	5959	901
Maximum Duration (sec)	86400	292
Maximum Deviation (Hz)	59.437	60.160
Total Duration of Excursions (sec)	135024	5982

Maui Electric Company, Limited Frequency Excursion Statistics April 2024		
	<59.95 Hz	>60.05 Hz
Number of Excursions	9404	2054
Maximum Duration (sec)	390	702
Maximum Deviation (Hz)	59.557	60.177
Total Duration of Excursions (sec)	61124	17348

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

Event #	Date & Time	Frequency (Hz)			Spinning Reserve Shortfall (MW)	Duration (HH:MM)	Description
		Prior to Event	Nadir	Trigger			
1	4/12/2024 7:19	59.96	59.45	NA	0.00	0:00	K5 tripped offline while generating ~95 MW. W10 and SGS called online for spinning reserve.
2	4/18/2024 8:31	60.02	59.44	NA	0.00	0:00	K5 tripped offline while generating ~97 MW. W6 called online for spinning reserve.

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HAWAIIAN ELECTRIC COMPANY, INC.
DEMAND RESPONSE EVENTS
April 2024

Event #	Date & Time	Frequency (Hz)			Load Shed (MW)	Duration (HH:MM)	Description
		Prior to Event	Nadir	Trigger			
1	4/12/2024 7:19	59.96	59.45	59.70	NA	0:04	K5 tripped offline while generating ~95 MW. RDLC/CIDLC activated.
2	4/18/2024 8:31	60.02	59.44	59.70	NA	0:03	K5 tripped offline while generating ~97 MW. RDLC/CIDLC activated.

Hawaiian Electric Company, Inc. Curtailment Report April 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
04/01/24 08:01	0.0	0.60	04/01/24 10:58	0	*	KLS2	System Constraints
04/02/24 06:18	0.0	0.00	04/03/24 16:44	0	*	KLS2	System Constraints
04/02/24 06:47	0.0	23.50	04/02/24 07:14	0	*	NPM	System Constraints
04/02/24 15:56	0.0	23.70	04/02/24 16:38	0	*	NPM	System Constraints
04/03/24 08:04	0.0	12.60	04/03/24 16:16	0	*	Waianae	System Constraints
04/03/24 14:07	0.0	4.30	04/03/24 16:21	0	*	Aloha1	System Constraints
04/03/24 22:43	0.0	23.50	04/03/24 23:13	0	*	NPM	System Constraints
04/03/24 22:43	0.0	20.60	04/03/24 23:12	0	*	KWF	System Constraints
04/03/24 22:44	0.0	0.00	04/03/24 23:10	0	*	KSMakai	System Constraints
04/03/24 22:44	0.0	7.30	04/03/24 23:10	0	*	KWMakai	System Constraints
04/04/24 06:40	0.0	0.00	04/04/24 17:15	0	*	KLS2	System Constraints
04/04/24 07:19	0.0	5.20	04/04/24 16:57	0	*	Waianae	System Constraints
04/04/24 15:11	0.0	3.10	04/04/24 16:58	0	*	Aloha1	System Constraints
04/05/24 08:57	0.0	20.40	04/05/24 16:10	0	*	Waianae	System Constraints
04/05/24 13:44	0.0	0.00	04/05/24 16:29	0	*	KLS2	System Constraints
04/05/24 15:29	0.0	0.60	04/05/24 16:14	0	*	Aloha1	System Constraints
04/07/24 07:12	0.0	0.20	04/07/24 07:16	0	*	KLS2	System Constraints
04/07/24 16:36	0.0	3.40	04/07/24 16:58	0	*	KLS2	System Constraints
04/08/24 06:48	0.0	0.20	04/09/24 08:11	0	*	KLS2	System Constraints
04/08/24 07:23	0.0	4.40	04/08/24 08:43	0	*	Waianae	System Constraints
04/08/24 07:54	0.0	1.40	04/09/24 08:07	0	*	Aloha1	System Constraints
04/08/24 13:48	0.0	25.30	04/09/24 08:05	0	*	Waianae	System Constraints
04/09/24 06:44	0.0	12.80	04/09/24 19:15	0	*	NPM	System Constraints
04/09/24 06:46	0.0	0.10	04/09/24 19:04	0	*	MFO	System Constraints
04/09/24 06:48	0.0	5.90	04/09/24 17:37	0	*	KWF	System Constraints
04/09/24 06:52	0.0	0.10	04/09/24 09:08	0	*	KSMakai	System Constraints
04/09/24 06:53	0.0	1.40	04/09/24 09:20	0	*	KWMakai	System Constraints
04/09/24 06:57	0.0	6.30	04/09/24 09:21	0	*	KWMauka	System Constraints
04/09/24 06:59	0.0	0.50	04/09/24 09:08	0	*	KSMauka	System Constraints
04/09/24 16:44	0.0	12.10	04/09/24 19:13	0	*	KSMakai	System Constraints
04/09/24 16:44	0.0	13.10	04/09/24 17:40	0	*	KSMauka	System Constraints
04/09/24 16:46	0.0	12.20	04/09/24 19:12	0	*	KWMakai	System Constraints
04/09/24 17:38	0.0	0.00	04/09/24 19:09	0	*	KWF	System Constraints
04/09/24 19:07	0.0	0.00	04/11/24 09:36	0	*	MFO	System Constraints
04/10/24 05:57	0.0	0.00	04/10/24 22:13	0	*	KLS2	System Constraints
04/10/24 06:17	0.0	0.00	04/10/24 09:00	0	*	KSMakai	System Constraints
04/10/24 06:17	0.0	0.00	04/10/24 09:00	0	*	KSMauka	System Constraints
04/10/24 06:17	0.0	6.90	04/10/24 08:59	0	*	KWMakai	System Constraints
04/10/24 06:19	0.0	3.20	04/10/24 16:40	0	*	KWF	System Constraints
04/10/24 06:20	0.0	18.10	04/10/24 09:19	0	*	KWMauka	System Constraints
04/10/24 07:18	0.0	5.20	04/10/24 08:31	0	*	Waianae	System Constraints
04/10/24 07:47	0.0	0.00	04/10/24 21:52	0	*	Aloha1	System Constraints
04/10/24 09:01	0.0	0.00	04/10/24 09:20	0	*	KWMakai	System Constraints
04/10/24 10:29	0.0	4.10	04/10/24 16:42	0	*	KWMauka	System Constraints
04/10/24 14:11	0.0	9.50	04/10/24 21:51	0	*	Waianae	System Constraints
04/10/24 16:31	0.0	9.00	04/10/24 16:42	0	*	KSMakai	System Constraints
04/10/24 16:31	0.0	7.30	04/10/24 16:42	0	*	KSMauka	System Constraints
04/10/24 16:31	0.0	0.40	04/10/24 16:42	0	*	KWMakai	System Constraints
04/11/24 05:32	0.0	0.00	04/11/24 16:38	0	*	WAIH N	System Constraints
04/11/24 05:33	0.0	0.00	04/11/24 16:39	0	*	WAIH S	System Constraints
04/11/24 05:48	0.0	9.50	04/11/24 11:25	0	*	NPM	System Constraints
04/11/24 05:50	0.0	3.60	04/11/24 07:45	0	*	KWF	System Constraints
04/11/24 05:54	0.0	0.00	04/11/24 07:50	0	*	KSMakai	System Constraints
04/11/24 05:54	0.0	0.90	04/11/24 07:48	0	*	KWMakai	System Constraints
04/11/24 10:04	0.0	0.50	04/11/24 11:26	0	*	MFO	System Constraints
04/11/24 10:08	0.0	19.50	04/11/24 11:31	0	*	KWF	System Constraints
04/11/24 10:10	0.0	15.10	04/11/24 11:35	0	*	KWMakai	System Constraints
04/11/24 10:11	0.0	4.50	04/11/24 11:36	0	*	KSMakai	System Constraints
04/11/24 16:07	0.0	3.70	04/11/24 16:28	0	*	KWMauka	System Constraints
04/11/24 16:08	0.0	0.00	04/11/24 16:29	0	*	KSMauka	System Constraints
04/12/24 12:10	0.0	0.00	04/13/24 04:45	0	*	KWF	System Constraints

Hawaiian Electric Company, Inc. Curtailment Report April 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
04/12/24 15:14	0.0	1.80	04/12/24 15:39	0	*	NPM	System Constraints
04/12/24 15:17	0.0	10.90	04/12/24 15:35	0	*	KSMakai	System Constraints
04/12/24 15:17	0.0	2.50	04/12/24 15:35	0	*	KWMakai	System Constraints
04/12/24 18:35	0.0	0.00	04/13/24 04:08	0	*	KSMauka	System Constraints
04/12/24 18:35	0.0	0.00	04/13/24 04:09	0	*	KWMauka	System Constraints
04/14/24 05:50	0.0	0.00	04/14/24 16:17	0	*	Aloha1	System Constraints
04/14/24 15:48	0.0	1.10	04/14/24 16:17	0	*	Waianae	System Constraints
04/15/24 05:59	0.0	0.00	04/15/24 07:25	0	*	Waianae	System Constraints
04/15/24 06:01	0.0	0.00	04/15/24 08:34	0	*	Aloha1	System Constraints
04/15/24 07:47	0.0	10.70	04/15/24 08:33	0	*	Waianae	System Constraints
04/16/24 07:27	0.0	7.90	04/16/24 16:52	0	*	Waianae	System Constraints
04/16/24 07:29	0.0	0.20	04/16/24 08:03	0	*	Aloha1	System Constraints
04/16/24 14:54	0.0	2.90	04/16/24 16:54	0	*	Aloha1	System Constraints
04/17/24 06:09	0.0	0.00	04/17/24 15:17	0	*	Waianae	System Constraints
04/17/24 06:12	0.0	0.00	04/17/24 08:27	0	*	Aloha1	System Constraints
04/17/24 13:44	0.0	1.20	04/17/24 15:19	0	*	Aloha1	System Constraints
04/18/24 07:04	0.0	3.70	04/18/24 19:11	0	*	Waianae	System Constraints
04/18/24 07:07	0.0	0.60	04/18/24 09:57	0	*	Aloha1	System Constraints
04/18/24 15:30	0.0	0.30	04/18/24 20:30	0	*	Aloha1	System Constraints
04/19/24 06:32	0.0	0.00	04/19/24 07:54	0	*	KLS2	System Constraints
04/19/24 15:16	0.0	1.30	04/19/24 17:01	0	*	KLS2	System Constraints
04/20/24 12:44	0.0	19.30	04/20/24 15:55	0	*	KSMauka	Oversupply
04/20/24 13:07	0.0	9.90	04/20/24 15:55	0	*	KSMakai	Oversupply
04/22/24 09:26	0.0	3.50	04/22/24 12:00	0	*	KLS2	System Constraints
04/22/24 12:29	0.0	7.90	04/22/24 14:42	0	*	KSMakai	Oversupply
04/22/24 12:29	0.0	17.70	04/22/24 14:42	0	*	KSMauka	Oversupply
04/22/24 12:42	0.0	3.10	04/22/24 14:49	0	*	Aloha2	Oversupply
04/22/24 12:43	0.0	1.30	04/22/24 14:55	0	*	MFO	Oversupply
04/22/24 12:43	0.0	12.80	04/22/24 14:57	0	*	NPM	Oversupply
04/22/24 12:55	0.0	0.90	04/22/24 15:02	0	*	Lani	Oversupply
04/22/24 12:55	0.0	14.20	04/22/24 15:02	0	*	Waipio	Oversupply
04/22/24 13:02	0.0	12.10	04/22/24 15:17	0	40.90	WestL	Oversupply
04/22/24 13:11	0.0	24.10	04/22/24 15:19	0	*	Waianae	Oversupply
04/22/24 15:55	0.0	10.80	04/22/24 17:22	0	*	Lani	Oversupply
04/22/24 15:55	0.0	22.60	04/23/24 05:57	0	*	Waipio	Oversupply
04/22/24 17:55	0.0	0.60	04/22/24 18:42	0	*	Lani	Oversupply
04/22/24 18:55	0.0	0.00	04/22/24 19:37	0	*	Lani	Oversupply
04/22/24 19:55	0.0	0.00	04/23/24 05:57	0	*	Lani	Oversupply
04/23/24 10:25	0.0	5.10	04/23/24 13:59	0	*	KSMakai	Oversupply
04/23/24 10:26	0.0	23.50	04/23/24 13:59	0	*	KSMauka	Oversupply
04/23/24 10:28	0.0	3.50	04/23/24 14:05	0	*	Aloha2	Oversupply
04/23/24 10:30	0.0	1.10	04/23/24 14:08	0	*	MFO	Oversupply
04/23/24 10:31	0.0	20.10	04/23/24 15:16	0	*	NPM	Oversupply
04/23/24 10:51	0.0	14.30	04/23/24 15:19	0	*	Lani	Oversupply
04/23/24 10:51	0.0	34.10	04/23/24 15:20	0	*	Waipio	Oversupply
04/23/24 11:01	0.0	18.70	04/23/24 15:24	0	80.15	WestL	Oversupply
04/23/24 12:17	0.0	23.90	04/23/24 16:13	0	*	Waianae	Oversupply
04/23/24 15:51	0.0	12.50	04/23/24 16:14	0	*	Lani	Oversupply
04/23/24 15:51	0.0	46.10	04/24/24 08:09	0	*	Waipio	Oversupply
04/23/24 16:51	0.0	11.70	04/23/24 19:22	0	*	Lani	Oversupply
04/23/24 19:51	0.0	0.00	04/24/24 08:09	0	*	Lani	Oversupply
04/24/24 06:34	0.0	0.00	04/24/24 09:32	0	*	KSMakai	System Constraints
04/24/24 06:34	0.0	0.00	04/24/24 09:32	0	*	KSMauka	System Constraints
04/24/24 06:34	0.0	4.80	04/24/24 09:27	0	*	KWMakai	System Constraints
04/24/24 06:34	0.0	22.10	04/24/24 09:32	0	*	KWMauka	System Constraints
04/24/24 06:37	0.0	19.50	04/24/24 11:36	0	*	KWF	System Constraints
04/24/24 06:39	0.0	0.00	04/24/24 11:34	0	*	MFO	System Constraints
04/24/24 10:31	0.0	9.60	04/24/24 11:45	0	*	KSMakai	System Constraints
04/24/24 10:31	0.0	6.90	04/24/24 11:44	0	*	KSMauka	System Constraints
04/24/24 10:31	0.0	4.40	04/24/24 11:44	0	*	KWMakai	System Constraints
04/24/24 10:31	0.0	19.30	04/24/24 11:44	0	*	KWMauka	System Constraints
04/25/24 07:15	0.0	0.80	04/25/24 17:10	0	*	Aloha2	System Constraints
04/25/24 07:16	0.0	0.40	04/25/24 18:09	0	*	KREP	System Constraints
04/25/24 07:18	0.0	3.50	04/25/24 17:07	0	134.97	WestL	System Constraints

Hawaiian Electric Company, Inc. Curtailment Report April 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
04/25/24 14:46	0.0	12.10	04/25/24 16:04	0	*	KSMakai	Oversupply
04/25/24 14:46	0.0	9.10	04/25/24 16:04	0	*	KSMauka	Oversupply
04/25/24 14:49	0.0	1.10	04/25/24 15:55	0	*	MFO	Oversupply
04/25/24 14:50	0.0	21.40	04/25/24 15:55	0	*	NPM	Oversupply
04/26/24 06:38	0.0	1.00	04/26/24 10:17	0	*	Waianae	System Constraints
04/26/24 06:40	0.0	0.10	04/26/24 23:25	0	*	Aloha1	System Constraints
04/26/24 10:01	0.0	1.10	04/26/24 14:04	0	*	MFO	System Constraints
04/26/24 16:23	0.0	4.10	04/26/24 21:49	0	9.93	WestL	System Constraints
04/26/24 16:26	0.0	2.00	04/26/24 22:01	0	*	KLS2	System Constraints
04/26/24 16:32	0.0	0.00	04/26/24 21:51	0	*	KREP	System Constraints
04/26/24 22:09	0.0	0.00	04/26/24 23:24	0	*	Waianae	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
- KWMauka = Kawaioloa 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 April 2024

Start Date/Time	MW output prior to start of curtailment	End Date/Time	MW output after curtailment released ¹	IPP	Reason for Curtailment
04/02/24 07:57	16.5 MW	04/03/24 11:03	15.0 MW	Pakini Nui	Facility Requested
04/04/24 11:58	16.5 MW	04/05/24 05:28	15.9 MW	Pakini Nui	Facility Requested
04/05/24 10:32	0.9 MW	04/05/24 13:56	0.0 MW	TGUHI	Oversupply
04/05/24 10:54	0.2 MW	04/05/24 13:55	0.0 MW	West Hawaii Civic Center	Oversupply
04/05/24 10:55	14.9 MW	04/05/24 13:54	14.0 MW	Pakini Nui	Oversupply
04/05/24 12:06	8.2 MW	04/05/24 13:18	8.7 MW	Hawi Renewable Dev	Oversupply
04/06/24 09:42	1.0 MW	04/06/24 16:16	0.0 MW	TGUHI	Oversupply
04/06/24 09:42	0.1 MW	04/06/24 16:13	0.0 MW	West Hawaii Civic Center	Oversupply
04/06/24 09:43	16.5 MW	04/06/24 16:03	8.8 MW	Pakini Nui	Oversupply
04/06/24 10:28	8.7 MW	04/06/24 15:45	8.5 MW	Hawi Renewable Dev	Oversupply
04/06/24 12:28	11.4 MW	04/06/24 14:34	7.7 MW	Wailuku River Hydro	Oversupply
04/07/24 09:53	0.7 MW	04/07/24 14:55	0.0 MW	TGUHI	Oversupply
04/07/24 09:54	0.2 MW	04/07/24 14:52	0.0 MW	West Hawaii Civic Center	Oversupply
04/07/24 09:54	16.5 MW	04/07/24 14:50	12.0 MW	Pakini Nui	Oversupply
04/07/24 12:16	7.6 MW	04/07/24 14:30	6.7 MW	Hawi Renewable Dev	Oversupply
04/08/24 07:51	16.4 MW	04/08/24 08:29	14.6 MW	Pakini Nui	System Constraint
04/08/24 10:55	16.4 MW	04/08/24 11:29	14.6 MW	Pakini Nui	System Constraint
04/09/24 11:36	1.0 MW	04/09/24 14:18	0.0 MW	TGUHI	Oversupply
04/09/24 11:50	0.1 MW	04/09/24 14:17	0.0 MW	West Hawaii Civic Center	Oversupply
04/09/24 11:52	17.9 MW	04/09/24 14:12	13.0 MW	Pakini Nui	Oversupply
04/10/24 13:03	1.0 MW	04/10/24 13:51	0.0 MW	TGUHI	Oversupply
04/10/24 13:05	0.2 MW	04/10/24 13:48	0.0 MW	West Hawaii Civic Center	Oversupply
04/11/24 07:22	19.1 MW	04/11/24 10:11	17.7 MW	Pakini Nui	Facility Requested
04/21/24 11:13	0.7 MW	04/21/24 14:15	0.0 MW	TGUHI	Oversupply
04/21/24 11:13	0.0 MW	04/21/24 14:14	0.0 MW	West Hawaii Civic Center	Oversupply
04/21/24 11:14	19.1 MW	04/21/24 14:11	16.8 MW	Pakini Nui	Oversupply
04/22/24 12:05	1.0 MW	04/22/24 15:15	0.0 MW	TGUHI	Oversupply
04/22/24 12:06	0.2 MW	04/22/24 15:14	0.0 MW	West Hawaii Civic Center	Oversupply
04/22/24 13:40	15.4 MW	04/22/24 15:11	16.6 MW	Pakini Nui	Oversupply
04/23/24 10:07	0.3 MW	04/23/24 10:48	0.0 MW	TGUHI	Oversupply
04/23/24 10:10	0.2 MW	04/23/24 10:47	0.0 MW	West Hawaii Civic Center	Oversupply
04/23/24 10:12	17.6 MW	04/23/24 10:16	16.7 MW	Pakini Nui	Oversupply
04/24/24 10:34	0.3 MW	04/24/24 14:28	0.0 MW	TGUHI	Oversupply
04/24/24 10:35	0.2 MW	04/24/24 14:27	0.0 MW	West Hawaii Civic Center	Oversupply
04/24/24 10:41	17.9 MW	04/24/24 14:24	15.8 MW	Pakini Nui	Oversupply
04/27/24 09:56	0.7 MW	04/27/24 14:14	0.0 MW	TGUHI	Oversupply
04/27/24 10:00	0.2 MW	04/27/24 14:13	0.0 MW	West Hawaii Civic Center	Oversupply
04/27/24 10:01	19.0 MW	04/27/24 13:42	14.4 MW	Pakini Nui	Oversupply
04/28/24 09:58	0.9 MW	04/28/24 15:09	0.0 MW	TGUHI	Oversupply
04/28/24 10:00	0.2 MW	04/28/24 15:08	0.0 MW	West Hawaii Civic Center	Oversupply
04/28/24 10:02	18.7 MW	04/28/24 15:06	12.1 MW	Pakini Nui	Oversupply
04/28/24 11:51	8.1 MW	04/28/24 13:29	8.2 MW	Hawi Renewable Dev	Oversupply

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



Lanai Curtailment Report

April 2024

Start Date and Time	Duration (h:mm)	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
No curtailment for April 2024					
Notes:					
On June 27, 2012, Maui Electric notified Lanai Sustainability Research (LSR) that although LSR has not operated in compliance with the revised ramp rate of 360 kW/minute, Maui Electric would conditionally allow LSR to operate at the allowed capacity of 1.2 MW while the Maui Electric-Lanai Diesel Operator was in the control room.					
LSR possible output data is not available. Therefore, Maui Electric assumes LSR is curtailed if the LSR curtailment set point is less than 1,200 kW and LSR's output is within 70 kW of the curtailment set point.					
The curtailment reasons have been modified to oversupply, system constraints, and facility requested, to provide continuity with HPUC Docket No. 2013-0141 Decoupling for HECO companies' metrics.					
Facility Requested curtailment includes but is not limited to conditions that are attributed to IPPs such as communication problems and curtailment control testing.					



Maui Curtailment Report

April 2024

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/1/2024 6:56	1:13	AWE	10.08394	18.10000	Oversupply
4/1/2024 12:00	0:01	KWP	0.01373	16.02616	Oversupply
4/1/2024 12:00	0:03	17-2	0.02998	0.75000	Oversupply
4/1/2024 12:01	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/1/2024 12:02	0:01	KWP	0.00598	14.49231	Oversupply
4/1/2024 12:05	2:53	17-2	1.15547	0.75000	Oversupply
4/1/2024 12:06	2:53	BS 250	Data is not available	Data is not available	Oversupply
4/1/2024 12:06	2:52	KWP	27.93653	18.28354	Oversupply
4/1/2024 12:38	0:05	5A	Data is not available	Data is not available	Oversupply
4/1/2024 12:46	0:05	5A	Data is not available	Data is not available	Oversupply
4/1/2024 12:50	0:01	KWP	0.00533	13.84000	Oversupply
4/1/2024 12:52	0:01	5A	Data is not available	Data is not available	Oversupply
4/1/2024 12:52	0:01	KWP	0.00267	14.32000	Oversupply
4/1/2024 12:55	0:01	5A	Data is not available	Data is not available	Oversupply
4/1/2024 12:58	0:02	5A	Data is not available	Data is not available	Oversupply
4/1/2024 13:06	0:01	5A	Data is not available	Data is not available	Oversupply
4/1/2024 13:57	0:02	5A	Data is not available	Data is not available	Oversupply
4/1/2024 14:00	0:01	5A	Data is not available	Data is not available	Oversupply
4/1/2024 14:05	0:01	KWP	0.00800	12.24000	Oversupply
4/1/2024 14:08	0:01	5A	Data is not available	Data is not available	Oversupply
4/1/2024 14:59	0:24	17-2	0.08130	0.31100	Oversupply
4/1/2024 15:00	0:22	BS 250	Data is not available	Data is not available	Oversupply
4/1/2024 15:01	0:07	KWP	0.31236	19.64176	Oversupply
4/1/2024 15:09	0:09	KWP	0.30902	18.87133	Oversupply
4/1/2024 15:19	0:03	KWP	0.05144	16.62993	Oversupply
4/1/2024 15:29	0:38	BS 250	Data is not available	Data is not available	Oversupply
4/1/2024 15:29	0:54	17-2	0.19750	0.60400	Oversupply
4/1/2024 15:30	0:34	KWP	3.01454	19.20665	Oversupply
4/1/2024 16:05	0:15	KWP	0.79471	18.71765	Oversupply
4/1/2024 16:08	0:14	BS 250	Data is not available	Data is not available	Oversupply
4/1/2024 16:21	0:02	KWP	0.04736	20.18365	Oversupply
4/1/2024 16:29	0:15	17-2	0.03165	0.17600	Oversupply
4/1/2024 16:30	0:12	BS 250	Data is not available	Data is not available	Oversupply
4/1/2024 16:31	0:13	KWP	0.35405	20.74649	Oversupply
4/1/2024 16:46	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/1/2024 22:42	7:09	KWP	71.02658	20.91814	Oversupply
4/2/2024 6:00	0:02	KWP	0.00365	19.43418	Oversupply
4/2/2024 6:45	0:17	BS 250	Data is not available	Data is not available	Oversupply
4/2/2024 6:45	0:18	KWP	0.55991	19.52799	Oversupply
4/2/2024 6:48	0:15	17-2	0.00457	0.04000	Oversupply
4/2/2024 7:03	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/2/2024 7:04	0:01	KWP	0.00896	20.99099	Oversupply
4/2/2024 7:04	0:01	17-2	0.00037	0.02800	Oversupply
4/2/2024 7:07	7:53	BS 250	Data is not available	Data is not available	Oversupply
4/2/2024 7:08	7:53	KWP	124.42818	21.01494	Oversupply
4/2/2024 7:08	7:53	17-2	4.06105	0.75000	Oversupply
4/2/2024 8:28	0:02	5A	Data is not available	Data is not available	Oversupply
4/2/2024 8:35	0:06	5A	Data is not available	Data is not available	Oversupply
4/2/2024 8:38	0:01	KWP	0.00267	22.32000	Oversupply
4/2/2024 8:43	0:02	5A	Data is not available	Data is not available	Oversupply
4/2/2024 8:46	0:04	5A	Data is not available	Data is not available	Oversupply
4/2/2024 8:50	0:01	KWP	0.00267	15.60000	Oversupply
4/2/2024 8:51	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 8:53	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 8:53	0:01	KWP	0.00267	16.08000	Oversupply
4/2/2024 9:23	0:03	5A	Data is not available	Data is not available	Oversupply
4/2/2024 9:30	0:02	5A	Data is not available	Data is not available	Oversupply
4/2/2024 9:33	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 9:35	0:03	5A	Data is not available	Data is not available	Oversupply
4/2/2024 9:37	0:01	KWP	0.00267	19.92000	Oversupply
4/2/2024 9:39	0:06	5A	Data is not available	Data is not available	Oversupply
4/2/2024 9:42	0:01	KWP	0.00267	16.72000	Oversupply
4/2/2024 9:46	0:04	5A	Data is not available	Data is not available	Oversupply
4/2/2024 9:49	0:01	KWP	0.00533	12.24000	Oversupply
4/2/2024 9:52	0:03	5A	Data is not available	Data is not available	Oversupply
4/2/2024 9:56	0:08	5A	Data is not available	Data is not available	Oversupply
4/2/2024 10:03	0:01	KWP	0.00267	6.80000	Oversupply
4/2/2024 10:05	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 10:07	0:09	5A	Data is not available	Data is not available	Oversupply
4/2/2024 10:17	0:02	5A	Data is not available	Data is not available	Oversupply
4/2/2024 10:28	0:03	5A	Data is not available	Data is not available	Oversupply
4/2/2024 10:30	0:01	KWP	0.00267	12.08000	Oversupply
4/2/2024 10:32	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 10:35	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 10:37	0:08	5A	Data is not available	Data is not available	Oversupply
4/2/2024 10:40	0:03	KWP	0.00800	8.40000	Oversupply
4/2/2024 10:51	0:36	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

April 2024

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/2/2024 10:53	0:03	KWP	0.00800	6.48000	Oversupply
4/2/2024 10:58	0:02	KWP	0.00661	0.56000	Oversupply
4/2/2024 11:13	0:01	KWP	0.00197	0.40000	Oversupply
4/2/2024 11:16	0:01	KWP	0.00197	0.40000	Oversupply
4/2/2024 11:19	0:01	KWP	0.00197	0.40000	Oversupply
4/2/2024 11:29	0:24	5A	Data is not available	Data is not available	Oversupply
4/2/2024 11:32	0:02	KWP	0.00370	0.40000	Oversupply
4/2/2024 11:38	0:01	KWP	0.00103	0.24000	Oversupply
4/2/2024 11:49	0:01	KWP	0.00103	0.24000	Oversupply
4/2/2024 11:55	0:02	5A	Data is not available	Data is not available	Oversupply
4/2/2024 12:01	0:07	5A	Data is not available	Data is not available	Oversupply
4/2/2024 12:04	0:01	KWP	0.00267	7.44000	Oversupply
4/2/2024 12:09	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 12:11	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 12:13	0:04	5A	Data is not available	Data is not available	Oversupply
4/2/2024 12:22	0:02	5A	Data is not available	Data is not available	Oversupply
4/2/2024 12:23	0:02	KWP	0.00533	8.56000	Oversupply
4/2/2024 12:26	0:04	5A	Data is not available	Data is not available	Oversupply
4/2/2024 12:28	0:01	KWP	0.00160	6.64000	Oversupply
4/2/2024 12:31	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 12:34	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 12:35	0:01	KWP	0.00267	7.76000	Oversupply
4/2/2024 12:36	0:04	5A	Data is not available	Data is not available	Oversupply
4/2/2024 12:38	0:01	KWP	0.00267	6.16000	Oversupply
4/2/2024 12:41	0:03	5A	Data is not available	Data is not available	Oversupply
4/2/2024 12:46	0:02	5A	Data is not available	Data is not available	Oversupply
4/2/2024 12:49	0:06	5A	Data is not available	Data is not available	Oversupply
4/2/2024 12:50	0:01	KWP	0.00267	7.60000	Oversupply
4/2/2024 13:03	0:06	5A	Data is not available	Data is not available	Oversupply
4/2/2024 13:04	0:01	KWP	0.01333	13.84000	Oversupply
4/2/2024 13:13	0:01	KWP	0.00533	10.32000	Oversupply
4/2/2024 13:14	0:10	5A	Data is not available	Data is not available	Oversupply
4/2/2024 13:16	0:01	KWP	0.00267	9.52000	Oversupply
4/2/2024 13:26	0:04	5A	Data is not available	Data is not available	Oversupply
4/2/2024 13:32	0:02	5A	Data is not available	Data is not available	Oversupply
4/2/2024 13:34	0:01	KWP	0.00267	2.32000	Oversupply
4/2/2024 13:35	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 13:38	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 13:43	0:02	5A	Data is not available	Data is not available	Oversupply
4/2/2024 13:47	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 13:49	0:03	5A	Data is not available	Data is not available	Oversupply
4/2/2024 13:53	0:02	5A	Data is not available	Data is not available	Oversupply
4/2/2024 14:01	0:03	5A	Data is not available	Data is not available	Oversupply
4/2/2024 14:05	0:06	5A	Data is not available	Data is not available	Oversupply
4/2/2024 14:13	0:02	5A	Data is not available	Data is not available	Oversupply
4/2/2024 14:16	0:02	5A	Data is not available	Data is not available	Oversupply
4/2/2024 14:22	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 14:25	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 14:26	0:01	KWP	0.00267	15.92000	Oversupply
4/2/2024 14:38	0:01	5A	Data is not available	Data is not available	Oversupply
4/2/2024 15:05	0:23	BS 250	Data is not available	Data is not available	Oversupply
4/2/2024 15:05	0:24	17-2	0.24562	0.75000	Oversupply
4/2/2024 15:06	0:21	KWP II	2.03769	17.93725	Oversupply
4/2/2024 15:31	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/2/2024 15:31	0:01	KWP II	0.01225	17.90132	Oversupply
4/2/2024 15:31	0:01	17-2	0.01052	0.63700	Oversupply
4/2/2024 15:35	0:04	BS 250	Data is not available	Data is not available	Oversupply
4/2/2024 15:36	0:04	17-2	0.04427	0.75000	Oversupply
4/2/2024 15:37	0:03	KWP II	0.05281	19.48009	Oversupply
4/2/2024 15:50	1:16	BS 250	Data is not available	Data is not available	Oversupply
4/2/2024 15:51	0:28	KWP II	2.25994	19.52799	Oversupply
4/2/2024 15:51	1:16	17-2	0.53050	0.75000	Oversupply
4/2/2024 16:20	0:47	KWP II	4.58164	17.93725	Oversupply
4/2/2024 17:15	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/2/2024 17:15	0:01	17-2	0.00119	0.14500	Oversupply
4/2/2024 17:17	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/2/2024 17:18	0:12	17-2	0.02806	0.29200	Oversupply
4/2/2024 17:19	0:05	BS 250	Data is not available	Data is not available	Oversupply
4/2/2024 17:19	0:07	KWP II	0.10544	17.48018	Oversupply
4/2/2024 17:28	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/2/2024 17:29	0:01	KWP II	0.00513	17.59395	Oversupply
4/2/2024 17:39	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/2/2024 17:40	0:01	17-2	0.00153	0.10200	Oversupply
4/3/2024 4:54	0:01	KWP II	0.00063	0.03792	Oversupply
4/3/2024 5:35	0:04	KWP II	0.06339	13.80172	Oversupply
4/3/2024 9:39	3:27	17-2	2.06739	0.75000	Oversupply
4/3/2024 9:40	0:03	BS 250	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

April 2024

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/3/2024 9:41	0:01	KWP	0.00783	3.06871	Oversupply
4/3/2024 9:43	0:08	KWP	0.06232	2.43601	Oversupply
4/3/2024 9:44	0:08	BS 250	Data is not available	Data is not available	Oversupply
4/3/2024 9:48	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 9:51	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 9:53	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 9:53	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/3/2024 9:53	0:01	KWP	0.00003	0.15069	Oversupply
4/3/2024 9:55	0:04	5A	Data is not available	Data is not available	Oversupply
4/3/2024 9:55	3:10	BS 250	Data is not available	Data is not available	Oversupply
4/3/2024 9:55	3:11	KWP	26.96440	13.26283	Oversupply
4/3/2024 9:57	0:01	KWP	0.00267	6.80000	Oversupply
4/3/2024 10:04	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 10:08	0:03	5A	Data is not available	Data is not available	Oversupply
4/3/2024 10:15	0:06	5A	Data is not available	Data is not available	Oversupply
4/3/2024 10:22	0:01	KWP	0.00267	10.00000	Oversupply
4/3/2024 10:26	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 10:30	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 10:32	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 10:38	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 10:42	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 10:42	0:01	KWP	0.00216	13.20000	Oversupply
4/3/2024 10:49	0:03	5A	Data is not available	Data is not available	Oversupply
4/3/2024 10:53	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 10:55	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 10:58	0:03	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:00	0:01	KWP	0.00533	10.80000	Oversupply
4/3/2024 11:02	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:07	0:03	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:11	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:16	0:04	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:17	0:02	KWP	0.00697	9.20000	Oversupply
4/3/2024 11:21	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:23	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:25	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:28	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:30	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:33	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:38	0:04	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:43	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:47	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:49	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:51	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:54	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 11:56	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 12:00	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 12:01	0:01	KWP	0.00533	7.92000	Oversupply
4/3/2024 12:04	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 12:05	0:01	KWP	0.00267	6.80000	Oversupply
4/3/2024 12:08	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 12:13	0:03	5A	Data is not available	Data is not available	Oversupply
4/3/2024 12:14	0:01	KWP	0.00267	7.92000	Oversupply
4/3/2024 12:19	0:04	5A	Data is not available	Data is not available	Oversupply
4/3/2024 12:24	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 12:27	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 12:29	0:03	5A	Data is not available	Data is not available	Oversupply
4/3/2024 12:29	0:01	KWP	0.00267	8.72000	Oversupply
4/3/2024 12:33	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 12:38	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 12:42	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 12:45	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 13:09	2:07	BS 250	Data is not available	Data is not available	Oversupply
4/3/2024 13:09	2:08	17-2	1.30709	0.75000	Oversupply
4/3/2024 13:10	2:07	KWP	18.68402	16.52913	Oversupply
4/3/2024 13:14	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 13:16	0:08	5A	Data is not available	Data is not available	Oversupply
4/3/2024 13:24	0:01	KWP	0.00267	2.64000	Oversupply
4/3/2024 13:25	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 13:27	0:01	KWP	0.00267	2.48000	Oversupply
4/3/2024 13:28	0:03	5A	Data is not available	Data is not available	Oversupply
4/3/2024 13:29	0:01	KWP	0.00267	2.80000	Oversupply
4/3/2024 13:33	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 13:35	0:04	5A	Data is not available	Data is not available	Oversupply
4/3/2024 13:41	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 13:46	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 13:48	0:03	5A	Data is not available	Data is not available	Oversupply
4/3/2024 13:54	0:01	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

April 2024

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/3/2024 13:58	0:03	5A	Data is not available	Data is not available	Oversupply
4/3/2024 14:04	0:05	5A	Data is not available	Data is not available	Oversupply
4/3/2024 14:10	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 14:12	0:04	5A	Data is not available	Data is not available	Oversupply
4/3/2024 14:20	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 14:22	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 14:23	0:01	KWP	0.00267	12.40000	Oversupply
4/3/2024 14:24	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 14:28	0:01	5A	Data is not available	Data is not available	Oversupply
4/3/2024 14:32	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 14:32	0:02	KWP	0.00533	15.28000	Oversupply
4/3/2024 14:35	0:01	KWP	0.00070	14.48000	Oversupply
4/3/2024 14:36	0:04	5A	Data is not available	Data is not available	Oversupply
4/3/2024 14:38	0:01	KWP	0.00267	15.76000	Oversupply
4/3/2024 14:41	0:02	5A	Data is not available	Data is not available	Oversupply
4/3/2024 14:42	0:01	KWP	0.01333	15.60000	Oversupply
4/3/2024 15:21	0:01	KWP/II	0.00109	14.99228	Oversupply
4/3/2024 15:21	0:02	17-2	0.01835	0.75000	Oversupply
4/3/2024 15:24	0:02	17-2	0.01217	0.75000	Oversupply
4/3/2024 15:28	0:01	17-2	0.01101	0.75000	Oversupply
4/3/2024 15:36	0:01	17-2	0.00072	0.75000	Oversupply
4/3/2024 15:56	0:05	BS 250	Data is not available	Data is not available	Oversupply
4/3/2024 15:56	0:05	17-2	0.04876	0.68100	Oversupply
4/3/2024 15:57	0:04	KWP/II	0.05899	18.03904	Oversupply
4/3/2024 16:05	0:01	17-2	0.01078	0.69800	Oversupply
4/3/2024 16:09	0:01	17-2	0.00296	0.59200	Oversupply
4/3/2024 16:13	0:01	17-2	0.00870	0.52200	Oversupply
4/3/2024 21:37	0:03	KWP/II	0.03617	16.54011	Oversupply
4/3/2024 21:50	6:33	KWP/II	33.43114	18.07497	Oversupply
4/4/2024 6:55	9:55	KWP/II	120.34670	18.03804	Oversupply
4/4/2024 7:28	0:25	BS 250	Data is not available	Data is not available	Oversupply
4/4/2024 7:28	0:05	17-2	0.00367	0.05500	Oversupply
4/4/2024 7:34	0:18	17-2	0.04527	0.30700	Oversupply
4/4/2024 8:10	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/4/2024 8:14	8:36	BS 250	Data is not available	Data is not available	Oversupply
4/4/2024 8:14	8:36	17-2	4.07782	0.75000	Oversupply
4/4/2024 9:37	0:07	5A	Data is not available	Data is not available	Oversupply
4/4/2024 9:45	0:03	5A	Data is not available	Data is not available	Oversupply
4/4/2024 9:49	0:03	5A	Data is not available	Data is not available	Oversupply
4/4/2024 9:53	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 9:56	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 9:59	0:03	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:00	0:01	KWP	0.00533	14.16000	Oversupply
4/4/2024 10:03	0:06	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:08	0:01	KWP	0.00267	12.08000	Oversupply
4/4/2024 10:12	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:16	0:06	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:17	0:01	KWP	0.00267	13.68000	Oversupply
4/4/2024 10:23	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:23	0:01	KWP	0.00267	10.32000	Oversupply
4/4/2024 10:27	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:29	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:31	0:04	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:35	0:01	KWP	0.00245	5.36000	Oversupply
4/4/2024 10:36	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:39	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:43	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:43	0:01	KWP	0.00267	6.16000	Oversupply
4/4/2024 10:46	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:48	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:50	0:04	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:55	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 10:57	0:03	5A	Data is not available	Data is not available	Oversupply
4/4/2024 11:02	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 11:02	0:01	KWP	0.00267	5.20000	Oversupply
4/4/2024 11:05	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 11:07	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 11:10	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 11:13	0:05	5A	Data is not available	Data is not available	Oversupply
4/4/2024 11:16	0:01	KWP	0.00533	9.84000	Oversupply
4/4/2024 11:19	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 11:22	0:04	5A	Data is not available	Data is not available	Oversupply
4/4/2024 11:27	0:03	5A	Data is not available	Data is not available	Oversupply
4/4/2024 11:32	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 11:37	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 11:40	0:03	5A	Data is not available	Data is not available	Oversupply
4/4/2024 11:41	0:02	KWP	0.00533	7.92000	Oversupply



Maui Curtailment Report

April 2024

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/4/2024 11:44	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 11:44	0:01	KWP	0.00267	5.20000	Oversupply
4/4/2024 11:55	0:01	KWP	0.00267	15.44000	Oversupply
4/4/2024 11:56	0:11	5A	Data is not available	Data is not available	Oversupply
4/4/2024 12:01	0:01	KWP	0.00533	13.20000	Oversupply
4/4/2024 12:09	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 12:10	0:01	KWP	0.00267	10.96000	Oversupply
4/4/2024 12:13	0:03	5A	Data is not available	Data is not available	Oversupply
4/4/2024 12:17	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 12:19	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 12:20	0:01	KWP	0.00267	10.64000	Oversupply
4/4/2024 12:22	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 12:28	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 12:31	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 12:32	0:01	KWP	0.00267	16.56000	Oversupply
4/4/2024 12:33	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 12:36	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 12:39	0:03	5A	Data is not available	Data is not available	Oversupply
4/4/2024 12:41	0:01	KWP	0.00267	18.32000	Oversupply
4/4/2024 12:52	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 12:58	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 13:01	0:04	5A	Data is not available	Data is not available	Oversupply
4/4/2024 13:04	0:02	KWP	0.00800	17.52000	Oversupply
4/4/2024 13:08	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 13:09	0:01	KWP	0.00533	18.64000	Oversupply
4/4/2024 13:11	0:04	5A	Data is not available	Data is not available	Oversupply
4/4/2024 13:14	1:21	AWE	3.04902	2.70000	Oversupply
4/4/2024 13:19	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 13:26	0:10	5A	Data is not available	Data is not available	Oversupply
4/4/2024 13:30	0:01	KWP	0.00267	16.40000	Oversupply
4/4/2024 13:32	0:01	KWP	0.00267	13.36000	Oversupply
4/4/2024 13:34	0:01	KWP	0.00267	14.32000	Oversupply
4/4/2024 13:37	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 13:37	0:02	KWP	0.00800	13.04000	Oversupply
4/4/2024 13:40	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 13:42	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 13:45	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 13:46	0:02	KWP	0.00291	15.76000	Oversupply
4/4/2024 13:47	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 13:50	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 13:52	0:04	5A	Data is not available	Data is not available	Oversupply
4/4/2024 13:57	0:06	5A	Data is not available	Data is not available	Oversupply
4/4/2024 13:58	0:01	KWP	0.00267	14.96000	Oversupply
4/4/2024 14:04	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 14:07	0:05	5A	Data is not available	Data is not available	Oversupply
4/4/2024 14:19	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 14:20	0:01	KWP	0.00533	11.76000	Oversupply
4/4/2024 14:22	0:01	KWP	0.00267	11.12000	Oversupply
4/4/2024 14:24	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 14:27	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 14:30	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 14:36	0:03	5A	Data is not available	Data is not available	Oversupply
4/4/2024 14:36	0:14	AWE	0.32630	2.70000	Oversupply
4/4/2024 14:40	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 14:58	0:02	AWE	0.00624	2.70000	Oversupply
4/4/2024 15:01	0:01	AWE	0.00584	2.70000	Oversupply
4/4/2024 15:13	0:03	AWE	0.03581	2.70000	Oversupply
4/4/2024 15:26	0:20	AWE	0.74623	2.70000	Oversupply
4/4/2024 15:29	0:04	5A	Data is not available	Data is not available	Oversupply
4/4/2024 15:34	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 15:35	0:01	KWP	0.00067	19.28000	Oversupply
4/4/2024 15:36	0:01	5A	Data is not available	Data is not available	Oversupply
4/4/2024 15:38	0:02	5A	Data is not available	Data is not available	Oversupply
4/4/2024 15:41	0:03	5A	Data is not available	Data is not available	Oversupply
4/4/2024 15:41	0:01	KWP	0.00145	19.12000	Oversupply
4/4/2024 15:47	0:06	AWE	0.05616	2.90000	Oversupply
4/4/2024 16:53	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/4/2024 16:53	0:03	KWP	0.02789	15.00426	Oversupply
4/4/2024 16:53	0:03	17-2	0.01642	0.48600	Oversupply
4/4/2024 22:46	0:01	KWP	0.00983	7.03858	Oversupply
4/4/2024 22:48	0:21	KWP	0.37844	7.36192	Oversupply
4/4/2024 23:15	0:01	KWP	0.00173	8.77203	Oversupply
4/4/2024 23:34	0:06	KWP	0.08066	11.94652	Oversupply
4/4/2024 23:42	0:01	KWP	0.00062	11.94453	Oversupply
4/4/2024 23:44	4:52	KWP	27.26677	13.48836	Oversupply
4/5/2024 4:37	0:07	KWP	0.04325	13.48138	Oversupply
4/5/2024 7:27	0:01	17-2	0.00217	0.17200	Oversupply



Maui Curtailment Report

April 2024

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/5/2024 7:32	0:04	BS 250	Data is not available	Data is not available	Oversupply
4/5/2024 7:32	0:04	KWP	0.02560	18.06199	Oversupply
4/5/2024 7:32	0:05	17-2	0.01345	0.23700	Oversupply
4/5/2024 7:39	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/5/2024 7:40	0:02	KWP	0.01594	18.06100	Oversupply
4/5/2024 7:40	0:02	17-2	0.00280	0.08600	Oversupply
4/5/2024 7:44	0:05	BS 250	Data is not available	Data is not available	Oversupply
4/5/2024 7:44	7:34	17-2	4.62913	0.75000	Oversupply
4/5/2024 7:45	7:32	KWP	105.72886	18.06499	Oversupply
4/5/2024 7:50	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/5/2024 7:54	7:23	BS 250	Data is not available	Data is not available	Oversupply
4/5/2024 9:41	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 9:42	0:01	KWP	0.00267	18.00000	Oversupply
4/5/2024 9:47	0:05	5A	Data is not available	Data is not available	Oversupply
4/5/2024 9:49	0:01	KWP	0.00267	16.88000	Oversupply
4/5/2024 9:53	0:05	5A	Data is not available	Data is not available	Oversupply
4/5/2024 10:00	0:03	5A	Data is not available	Data is not available	Oversupply
4/5/2024 10:05	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 10:07	0:02	5A	Data is not available	Data is not available	Oversupply
4/5/2024 10:11	0:03	5A	Data is not available	Data is not available	Oversupply
4/5/2024 10:15	0:03	5A	Data is not available	Data is not available	Oversupply
4/5/2024 10:19	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 10:21	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 10:23	0:02	5A	Data is not available	Data is not available	Oversupply
4/5/2024 10:27	0:02	5A	Data is not available	Data is not available	Oversupply
4/5/2024 10:31	0:07	5A	Data is not available	Data is not available	Oversupply
4/5/2024 10:39	0:08	5A	Data is not available	Data is not available	Oversupply
4/5/2024 10:49	0:05	5A	Data is not available	Data is not available	Oversupply
4/5/2024 10:55	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 10:57	0:04	5A	Data is not available	Data is not available	Oversupply
4/5/2024 11:02	0:02	5A	Data is not available	Data is not available	Oversupply
4/5/2024 11:04	0:01	KWP	0.00133	0.08000	Oversupply
4/5/2024 11:05	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 11:08	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 11:09	0:01	KWP	0.00133	0.08000	Oversupply
4/5/2024 11:10	0:03	5A	Data is not available	Data is not available	Oversupply
4/5/2024 11:14	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 11:16	0:05	5A	Data is not available	Data is not available	Oversupply
4/5/2024 11:22	0:05	5A	Data is not available	Data is not available	Oversupply
4/5/2024 11:28	1:25	5A	Data is not available	Data is not available	Oversupply
4/5/2024 11:31	0:08	KWP	0.01333	0.24000	Oversupply
4/5/2024 11:40	0:04	KWP	0.00533	0.08000	Oversupply
4/5/2024 11:45	0:01	KWP	0.00400	0.24000	Oversupply
4/5/2024 11:47	0:06	KWP	0.01067	0.24000	Oversupply
4/5/2024 11:54	0:05	KWP	0.00667	0.08000	Oversupply
4/5/2024 12:00	0:06	KWP	0.00800	0.08000	Oversupply
4/5/2024 12:07	0:07	KWP	0.00933	0.08000	Oversupply
4/5/2024 12:15	0:01	KWP	0.00133	0.08000	Oversupply
4/5/2024 12:18	0:06	KWP	0.00800	0.08000	Oversupply
4/5/2024 12:25	0:02	KWP	0.00267	0.08000	Oversupply
4/5/2024 12:28	0:12	KWP	0.01600	0.08000	Oversupply
4/5/2024 12:43	0:02	KWP	0.00267	0.08000	Oversupply
4/5/2024 12:46	0:01	KWP	0.00133	0.08000	Oversupply
4/5/2024 12:48	0:01	KWP	0.00133	0.08000	Oversupply
4/5/2024 12:50	0:01	KWP	0.00133	0.08000	Oversupply
4/5/2024 12:54	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 12:57	0:02	5A	Data is not available	Data is not available	Oversupply
4/5/2024 13:00	0:02	5A	Data is not available	Data is not available	Oversupply
4/5/2024 13:03	0:02	5A	Data is not available	Data is not available	Oversupply
4/5/2024 13:04	0:01	KWP	0.00133	0.08000	Oversupply
4/5/2024 13:08	0:03	5A	Data is not available	Data is not available	Oversupply
4/5/2024 13:13	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 13:15	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 13:17	0:02	5A	Data is not available	Data is not available	Oversupply
4/5/2024 13:20	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 13:22	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 13:23	0:01	KWP	0.00267	5.20000	Oversupply
4/5/2024 13:26	0:02	5A	Data is not available	Data is not available	Oversupply
4/5/2024 13:30	0:10	5A	Data is not available	Data is not available	Oversupply
4/5/2024 13:41	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 13:55	0:03	5A	Data is not available	Data is not available	Oversupply
4/5/2024 13:56	0:01	KWP	0.00267	14.96000	Oversupply
4/5/2024 13:59	0:02	5A	Data is not available	Data is not available	Oversupply
4/5/2024 14:02	0:01	5A	Data is not available	Data is not available	Oversupply
4/5/2024 14:12	0:02	5A	Data is not available	Data is not available	Oversupply
4/5/2024 14:12	0:01	KWP	0.00267	15.76000	Oversupply
4/5/2024 23:15	0:01	KWP	0.00104	13.48138	Oversupply



Maui Curtailment Report

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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/5/2024 23:17	7:12	KWP	64.78481	13.49335	Oversupply
4/6/2024 2:28	0:19	AWE	0.35009	17.50000	Oversupply
4/6/2024 2:48	0:01	AWE	0.01059	15.80000	Oversupply
4/6/2024 2:51	0:03	AWE	0.03921	16.20000	Oversupply
4/6/2024 2:57	0:07	AWE	0.09561	16.40000	Oversupply
4/6/2024 4:52	0:06	AWE	0.07154	17.00000	Oversupply
4/6/2024 6:25	0:12	BS 250	Data is not available	Data is not available	Oversupply
4/6/2024 6:30	0:05	KWP	0.04689	13.48337	Oversupply
4/6/2024 6:40	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/6/2024 6:44	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/6/2024 7:09	10:43	BS 250	Data is not available	Data is not available	Oversupply
4/6/2024 7:10	10:42	KWP	126.03272	16.53712	Oversupply
4/6/2024 8:17	0:20	AWE	0.66389	14.90000	Oversupply
4/6/2024 8:38	1:28	AWE	10.06259	14.40000	Oversupply
4/6/2024 9:21	0:04	5A	Data is not available	Data is not available	Oversupply
4/6/2024 9:26	0:02	5A	Data is not available	Data is not available	Oversupply
4/6/2024 9:32	0:01	5A	Data is not available	Data is not available	Oversupply
4/6/2024 9:36	0:03	5A	Data is not available	Data is not available	Oversupply
4/6/2024 10:11	0:01	AWE	0.00284	15.50000	Oversupply
4/6/2024 10:15	6:14	AWE	62.83353	17.90000	Oversupply
4/6/2024 10:30	0:08	5A	Data is not available	Data is not available	Oversupply
4/6/2024 10:32	0:02	KWP	0.00533	18.64000	Oversupply
4/6/2024 10:35	0:01	KWP	0.00267	14.00000	Oversupply
4/6/2024 10:38	0:01	KWP	0.00267	14.32000	Oversupply
4/6/2024 10:39	0:01	5A	Data is not available	Data is not available	Oversupply
4/6/2024 10:41	0:01	5A	Data is not available	Data is not available	Oversupply
4/6/2024 10:43	0:02	5A	Data is not available	Data is not available	Oversupply
4/6/2024 10:45	0:01	KWP	0.00267	14.16000	Oversupply
4/6/2024 10:46	0:06	5A	Data is not available	Data is not available	Oversupply
4/6/2024 10:50	0:01	KWP	0.00267	12.40000	Oversupply
4/6/2024 10:52	0:01	KWP	0.00533	10.80000	Oversupply
4/6/2024 10:53	0:02	5A	Data is not available	Data is not available	Oversupply
4/6/2024 10:58	0:03	5A	Data is not available	Data is not available	Oversupply
4/6/2024 10:59	0:01	KWP	0.00267	13.20000	Oversupply
4/6/2024 11:02	0:01	KWP	0.00267	10.96000	Oversupply
4/6/2024 11:03	0:02	5A	Data is not available	Data is not available	Oversupply
4/6/2024 11:07	0:04	5A	Data is not available	Data is not available	Oversupply
4/6/2024 11:12	0:04	5A	Data is not available	Data is not available	Oversupply
4/6/2024 11:17	0:01	5A	Data is not available	Data is not available	Oversupply
4/6/2024 11:19	0:10	5A	Data is not available	Data is not available	Oversupply
4/6/2024 11:26	0:01	KWP	0.00267	7.28000	Oversupply
4/6/2024 11:30	0:03	5A	Data is not available	Data is not available	Oversupply
4/6/2024 11:38	0:01	5A	Data is not available	Data is not available	Oversupply
4/6/2024 11:40	0:02	5A	Data is not available	Data is not available	Oversupply
4/6/2024 11:43	0:02	5A	Data is not available	Data is not available	Oversupply
4/6/2024 11:46	0:03	5A	Data is not available	Data is not available	Oversupply
4/6/2024 11:46	0:01	KWP	0.00267	8.40000	Oversupply
4/6/2024 11:52	0:03	5A	Data is not available	Data is not available	Oversupply
4/6/2024 11:55	0:01	KWP	0.00322	11.28000	Oversupply
4/6/2024 11:56	0:01	5A	Data is not available	Data is not available	Oversupply
4/6/2024 11:57	0:01	KWP	0.00267	12.24000	Oversupply
4/6/2024 11:58	0:07	5A	Data is not available	Data is not available	Oversupply
4/6/2024 12:07	0:02	5A	Data is not available	Data is not available	Oversupply
4/6/2024 12:11	0:05	5A	Data is not available	Data is not available	Oversupply
4/6/2024 12:19	0:01	5A	Data is not available	Data is not available	Oversupply
4/6/2024 12:21	0:03	5A	Data is not available	Data is not available	Oversupply
4/6/2024 12:25	0:02	5A	Data is not available	Data is not available	Oversupply
4/6/2024 12:28	0:01	5A	Data is not available	Data is not available	Oversupply
4/6/2024 12:31	0:04	5A	Data is not available	Data is not available	Oversupply
4/6/2024 12:36	0:01	5A	Data is not available	Data is not available	Oversupply
4/6/2024 12:44	0:01	5A	Data is not available	Data is not available	Oversupply
4/6/2024 12:46	0:05	5A	Data is not available	Data is not available	Oversupply
4/6/2024 12:50	0:01	KWP	0.00267	11.60000	Oversupply
4/6/2024 12:52	0:05	5A	Data is not available	Data is not available	Oversupply
4/6/2024 12:58	0:08	5A	Data is not available	Data is not available	Oversupply
4/6/2024 13:03	0:01	KWP	0.00267	8.24000	Oversupply
4/6/2024 13:07	0:01	5A	Data is not available	Data is not available	Oversupply
4/6/2024 13:08	0:01	KWP	0.00267	4.24000	Oversupply
4/6/2024 13:09	0:04	5A	Data is not available	Data is not available	Oversupply
4/6/2024 13:11	0:01	KWP	0.00533	2.96000	Oversupply
4/6/2024 13:15	0:02	5A	Data is not available	Data is not available	Oversupply
4/6/2024 13:18	0:01	5A	Data is not available	Data is not available	Oversupply
4/6/2024 13:20	0:02	5A	Data is not available	Data is not available	Oversupply
4/6/2024 13:28	0:01	KWP	0.00023	9.04000	Oversupply
4/6/2024 13:30	0:01	KWP	0.00267	8.88000	Oversupply
4/6/2024 13:53	0:03	5A	Data is not available	Data is not available	Oversupply
4/6/2024 13:55	0:01	KWP	0.00267	19.12000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/6/2024 13:57	0:02	5A	Data is not available	Data is not available	Oversupply
4/6/2024 14:00	0:02	5A	Data is not available	Data is not available	Oversupply
4/6/2024 15:06	0:02	5A	Data is not available	Data is not available	Oversupply
4/6/2024 15:09	0:01	5A	Data is not available	Data is not available	Oversupply
4/6/2024 17:53	0:01	KWP	0.00219	15.00326	Oversupply
4/6/2024 18:16	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/6/2024 18:16	0:03	KWP	0.00862	15.01025	Oversupply
4/6/2024 18:21	0:01	KWP	0.00187	15.00925	Oversupply
4/6/2024 20:02	0:02	KWP	0.00481	15.01324	Oversupply
4/6/2024 20:05	0:01	KWP	0.00473	15.01224	Oversupply
4/6/2024 20:07	0:01	KWP	0.00573	15.01224	Oversupply
4/6/2024 20:09	0:12	KWP	0.14564	15.01424	Oversupply
4/6/2024 20:22	0:02	KWP	0.01279	15.01224	Oversupply
4/6/2024 20:25	0:06	KWP	0.05070	15.01424	Oversupply
4/6/2024 20:32	21:29	KWP	309.83452	16.54011	Oversupply
4/6/2024 21:58	0:26	AWE	1.20465	17.60000	Oversupply
4/6/2024 22:35	14:04	AWE	148.19552	17.90000	Oversupply
4/7/2024 0:58	0:01	KWP	0.00304	18.80000	Oversupply
4/7/2024 1:14	0:01	KWP	0.00267	17.36000	Oversupply
4/7/2024 1:21	0:01	KWP	0.00267	16.72000	Oversupply
4/7/2024 1:37	0:01	KWP	0.00267	16.24000	Oversupply
4/7/2024 1:43	0:01	KWP	0.00267	15.76000	Oversupply
4/7/2024 1:56	0:02	KWP	0.00533	15.60000	Oversupply
4/7/2024 2:45	0:01	KWP	0.00533	13.84000	Oversupply
4/7/2024 3:20	0:01	KWP	0.00267	13.84000	Oversupply
4/7/2024 3:26	0:01	KWP	0.00267	14.00000	Oversupply
4/7/2024 3:39	0:01	KWP	0.00267	13.84000	Oversupply
4/7/2024 4:26	0:01	KWP	0.00533	16.24000	Oversupply
4/7/2024 6:25	11:36	BS 250	Data is not available	Data is not available	Oversupply
4/7/2024 6:34	11:27	17-2	4.98396	0.75000	Oversupply
4/7/2024 8:47	0:03	5A	Data is not available	Data is not available	Oversupply
4/7/2024 8:51	0:10	5A	Data is not available	Data is not available	Oversupply
4/7/2024 8:53	0:01	KWP	0.00267	14.16000	Oversupply
4/7/2024 8:58	0:01	KWP	0.00105	12.72000	Oversupply
4/7/2024 9:00	0:01	KWP	0.00267	11.44000	Oversupply
4/7/2024 9:02	0:01	5A	Data is not available	Data is not available	Oversupply
4/7/2024 9:03	0:01	KWP	0.00267	10.96000	Oversupply
4/7/2024 9:04	0:02	5A	Data is not available	Data is not available	Oversupply
4/7/2024 9:07	0:07	5A	Data is not available	Data is not available	Oversupply
4/7/2024 9:15	0:02	5A	Data is not available	Data is not available	Oversupply
4/7/2024 9:21	0:01	5A	Data is not available	Data is not available	Oversupply
4/7/2024 9:24	0:01	5A	Data is not available	Data is not available	Oversupply
4/7/2024 9:35	0:05	5A	Data is not available	Data is not available	Oversupply
4/7/2024 9:45	0:04	5A	Data is not available	Data is not available	Oversupply
4/7/2024 9:51	0:02	5A	Data is not available	Data is not available	Oversupply
4/7/2024 10:29	0:02	5A	Data is not available	Data is not available	Oversupply
4/7/2024 10:34	0:01	KWP	0.00133	18.48000	Oversupply
4/7/2024 10:35	0:01	5A	Data is not available	Data is not available	Oversupply
4/7/2024 10:38	0:06	5A	Data is not available	Data is not available	Oversupply
4/7/2024 10:46	0:02	5A	Data is not available	Data is not available	Oversupply
4/7/2024 10:50	0:01	5A	Data is not available	Data is not available	Oversupply
4/7/2024 10:53	0:01	5A	Data is not available	Data is not available	Oversupply
4/7/2024 10:56	0:01	5A	Data is not available	Data is not available	Oversupply
4/7/2024 10:58	0:01	5A	Data is not available	Data is not available	Oversupply
4/7/2024 11:23	0:04	5A	Data is not available	Data is not available	Oversupply
4/7/2024 12:10	0:08	5A	Data is not available	Data is not available	Oversupply
4/7/2024 12:11	0:02	KWP	0.00800	20.88000	Oversupply
4/7/2024 12:15	0:01	KWP	0.00267	17.04000	Oversupply
4/7/2024 12:17	0:01	KWP	0.00267	15.12000	Oversupply
4/7/2024 12:24	0:04	5A	Data is not available	Data is not available	Oversupply
4/7/2024 12:25	0:03	KWP	0.01067	19.92000	Oversupply
4/7/2024 12:33	0:01	5A	Data is not available	Data is not available	Oversupply
4/7/2024 12:40	1:11	AWE	10.51174	15.70000	Oversupply
4/7/2024 13:25	0:01	5A	Data is not available	Data is not available	Oversupply
4/7/2024 13:37	0:01	5A	Data is not available	Data is not available	Oversupply
4/7/2024 13:52	1:46	AWE	10.17327	17.60000	Oversupply
4/7/2024 15:40	0:01	AWE	0.00545	16.20000	Oversupply
4/7/2024 15:48	0:10	AWE	0.73365	17.80000	Oversupply
4/7/2024 15:59	1:28	AWE	10.76032	17.90000	Oversupply
4/7/2024 18:19	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/7/2024 22:02	8:41	KWP	110.55526	18.03405	Oversupply
4/7/2024 23:04	6:27	AWE	44.15596	17.20000	Oversupply
4/8/2024 1:06	0:01	KWP	0.00073	19.12000	Oversupply
4/8/2024 2:35	0:01	KWP	0.00267	15.12000	Oversupply
4/8/2024 2:38	0:01	KWP	0.00533	15.44000	Oversupply
4/8/2024 2:45	0:01	KWP	0.00267	15.12000	Oversupply
4/8/2024 2:47	0:02	KWP	0.00692	14.32000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/8/2024 2:55	0:01	KWP	0.00292	16.24000	Oversupply
4/8/2024 3:01	0:01	KWP	0.00533	15.12000	Oversupply
4/8/2024 3:12	0:01	KWP	0.00267	15.28000	Oversupply
4/8/2024 3:19	0:01	KWP	0.00201	14.32000	Oversupply
4/8/2024 3:22	0:02	KWP	0.00295	15.12000	Oversupply
4/8/2024 3:26	0:01	KWP	0.00267	15.12000	Oversupply
4/8/2024 3:36	0:01	KWP	0.00267	15.12000	Oversupply
4/8/2024 3:41	0:01	KWP	0.00178	14.80000	Oversupply
4/8/2024 6:25	0:17	BS 250	Data is not available	Data is not available	Oversupply
4/8/2024 6:38	0:05	17-2	0.00133	0.01800	Oversupply
4/8/2024 6:43	0:07	BS 250	Data is not available	Data is not available	Oversupply
4/8/2024 6:44	0:07	KWPPII	0.11104	14.88051	Oversupply
4/8/2024 6:44	0:07	17-2	0.00187	0.01800	Oversupply
4/8/2024 6:57	5:57	BS 250	Data is not available	Data is not available	Oversupply
4/8/2024 6:57	3:21	KWPPII	23.04591	16.46027	Oversupply
4/8/2024 6:57	5:58	17-2	3.43520	0.75000	Oversupply
4/8/2024 7:41	5:14	AWE	35.93823	17.70000	Oversupply
4/8/2024 9:33	0:01	5A	Data is not available	Data is not available	Oversupply
4/8/2024 9:36	0:02	5A	Data is not available	Data is not available	Oversupply
4/8/2024 9:39	0:01	5A	Data is not available	Data is not available	Oversupply
4/8/2024 10:26	0:02	KWPPII	0.00318	0.14371	Oversupply
4/8/2024 10:29	0:02	KWPPII	0.01575	0.58780	Oversupply
4/8/2024 10:49	0:35	KWPPII	0.97726	3.96388	Oversupply
4/8/2024 11:27	0:07	KWPPII	0.04461	0.77042	Oversupply
4/8/2024 11:35	0:06	KWPPII	0.02237	0.64468	Oversupply
4/8/2024 11:43	0:49	KWPPII	0.94611	2.85814	Oversupply
4/8/2024 12:36	0:08	KWPPII	0.14523	1.64164	Oversupply
4/8/2024 12:49	0:06	KWPPII	0.07301	1.11971	Oversupply
4/8/2024 12:56	3:54	BS 250	Data is not available	Data is not available	Oversupply
4/8/2024 12:56	1:15	AWE	7.28750	17.70000	Oversupply
4/8/2024 12:56	3:55	KWPPII	33.62801	16.26867	Oversupply
4/8/2024 12:56	3:55	17-2	2.36123	0.75000	Oversupply
4/8/2024 14:19	0:33	AWE	1.93774	17.40000	Oversupply
4/8/2024 14:54	1:08	AWE	3.24853	17.50000	Oversupply
4/8/2024 16:06	0:03	AWE	0.08822	17.30000	Oversupply
4/8/2024 16:10	0:08	AWE	0.38451	19.60000	Oversupply
4/8/2024 16:22	0:01	AWE	0.00166	19.00000	Oversupply
4/8/2024 16:52	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/8/2024 16:53	0:05	17-2	0.03452	0.42300	Oversupply
4/8/2024 16:54	0:04	KWPPII	0.05026	14.89149	Oversupply
4/8/2024 16:55	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/8/2024 17:03	0:01	17-2	0.00256	0.36500	Oversupply
4/8/2024 19:11	0:01	KWPPII	0.01438	16.02517	Oversupply
4/8/2024 19:19	0:05	KWPPII	0.06604	16.41038	Oversupply
4/8/2024 19:27	0:08	KWPPII	0.11271	16.27565	Oversupply
4/8/2024 19:38	0:05	KWPPII	0.08835	15.81460	Oversupply
4/8/2024 19:48	0:23	KWPPII	0.58290	16.50618	Oversupply
4/8/2024 21:08	0:04	KWPPII	0.07379	16.52215	Oversupply
4/8/2024 21:23	5:41	KWPPII	49.23202	16.53113	Oversupply
4/8/2024 22:54	0:28	AWE	1.14320	18.10000	Oversupply
4/8/2024 23:38	0:09	AWE	0.38617	18.60000	Oversupply
4/8/2024 23:49	0:11	AWE	0.23956	16.10000	Oversupply
4/9/2024 0:01	0:01	AWE	0.00586	12.60000	Oversupply
4/9/2024 0:03	2:59	AWE	6.78580	18.10000	Oversupply
4/9/2024 3:03	0:01	AWE	0.00202	15.90000	Oversupply
4/9/2024 3:14	0:01	AWE	0.00519	16.50000	Oversupply
4/9/2024 3:20	0:01	AWE	0.00032	16.50000	Oversupply
4/9/2024 3:22	0:04	AWE	0.03326	17.50000	Oversupply
4/9/2024 3:34	0:24	AWE	0.35040	19.20000	Oversupply
4/9/2024 4:00	0:06	AWE	0.05559	18.80000	Oversupply
4/9/2024 4:07	0:06	AWE	0.03109	18.80000	Oversupply
4/9/2024 4:38	0:20	AWE	0.36358	19.60000	Oversupply
4/9/2024 4:59	0:01	AWE	0.00483	18.80000	Oversupply
4/9/2024 8:25	0:01	17-2	0.00376	0.45700	Oversupply
4/9/2024 8:28	0:01	17-2	0.00333	0.46800	Oversupply
4/9/2024 8:30	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/9/2024 8:31	0:01	KWPPII	0.00040	2.06377	Oversupply
4/9/2024 8:31	0:05	17-2	0.04052	0.50300	Oversupply
4/9/2024 8:33	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/9/2024 8:33	0:03	KWPPII	0.00520	2.06377	Oversupply
4/9/2024 8:37	6:59	BS 250	Data is not available	Data is not available	Oversupply
4/9/2024 8:37	0:15	KWPPII	0.30976	2.06377	Oversupply
4/9/2024 8:37	7:00	17-2	5.00688	0.75000	Oversupply
4/9/2024 8:48	6:22	AWE	59.18773	20.60000	Oversupply
4/9/2024 9:03	6:33	KWPPII	59.45988	15.28169	Oversupply
4/9/2024 10:04	0:03	5A	Data is not available	Data is not available	Oversupply
4/9/2024 10:04	0:01	KWP	0.00533	9.52000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/9/2024 10:07	0:01	KWP	0.00267	7.44000	Oversupply
4/9/2024 10:11	0:01	KWP	0.00317	7.44000	Oversupply
4/9/2024 10:12	0:01	5A	Data is not available	Data is not available	Oversupply
4/9/2024 10:17	0:06	5A	Data is not available	Data is not available	Oversupply
4/9/2024 10:24	0:01	KWP	0.00533	6.64000	Oversupply
4/9/2024 10:26	0:01	5A	Data is not available	Data is not available	Oversupply
4/9/2024 10:26	0:01	KWP	0.00267	6.96000	Oversupply
4/9/2024 10:29	0:02	5A	Data is not available	Data is not available	Oversupply
4/9/2024 14:23	0:01	5A	Data is not available	Data is not available	Oversupply
4/9/2024 15:25	0:02	AWE	0.01493	19.10000	Oversupply
4/10/2024 0:50	0:09	AWE	0.09459	16.30000	Oversupply
4/10/2024 1:00	0:05	AWE	0.04939	15.60000	Oversupply
4/10/2024 1:06	0:08	AWE	0.20398	16.80000	Oversupply
4/10/2024 1:15	0:03	AWE	0.01993	14.60000	Oversupply
4/10/2024 1:19	0:02	AWE	0.01086	14.20000	Oversupply
4/10/2024 1:22	0:02	AWE	0.00714	13.30000	Oversupply
4/10/2024 1:25	0:04	AWE	0.01667	13.20000	Oversupply
4/10/2024 1:31	0:01	AWE	0.00040	12.30000	Oversupply
4/10/2024 1:34	2:08	AWE	4.86228	16.70000	Oversupply
4/10/2024 3:43	0:02	AWE	0.02090	10.40000	Oversupply
4/10/2024 3:46	0:50	AWE	1.24462	14.50000	Oversupply
4/10/2024 8:08	7:55	BS 250	Data is not available	Data is not available	Oversupply
4/10/2024 8:08	7:57	17-2	4.76872	0.75000	Oversupply
4/10/2024 8:09	7:38	AWE	93.91208	17.90000	Oversupply
4/10/2024 9:04	0:01	5A	Data is not available	Data is not available	Oversupply
4/10/2024 9:05	0:01	KWP	0.00133	0.08000	Oversupply
4/10/2024 9:18	0:01	5A	Data is not available	Data is not available	Oversupply
4/10/2024 9:19	0:59	KWP	0.07739	0.08000	Oversupply
4/10/2024 9:20	0:56	5A	Data is not available	Data is not available	Oversupply
4/10/2024 9:49	0:02	KWP	0.00662	0.30737	Oversupply
4/10/2024 9:58	0:03	KWP	0.00990	0.32334	Oversupply
4/10/2024 10:53	0:02	5A	Data is not available	Data is not available	Oversupply
4/10/2024 10:54	1:27	KWP	0.16999	0.24000	Oversupply
4/10/2024 10:56	1:25	5A	Data is not available	Data is not available	Oversupply
4/10/2024 11:38	0:01	KWP	0.00008	0.00499	Oversupply
4/10/2024 11:56	0:09	KWP	0.01346	0.29340	Oversupply
4/10/2024 12:16	0:05	KWP	0.00218	0.04890	Oversupply
4/10/2024 12:22	0:20	5A	Data is not available	Data is not available	Oversupply
4/10/2024 12:22	0:22	KWP	0.03467	0.24000	Oversupply
4/10/2024 12:23	3:40	KWP	4.54316	2.92800	Oversupply
4/10/2024 12:43	0:01	5A	Data is not available	Data is not available	Oversupply
4/10/2024 12:51	0:01	KWP	0.00133	0.08000	Oversupply
4/10/2024 12:52	0:48	5A	Data is not available	Data is not available	Oversupply
4/10/2024 12:55	0:07	KWP	0.00933	0.08000	Oversupply
4/10/2024 13:03	0:01	KWP	0.00133	0.08000	Oversupply
4/10/2024 13:05	0:09	KWP	0.01200	0.08000	Oversupply
4/10/2024 13:16	0:01	KWP	0.00133	0.08000	Oversupply
4/10/2024 13:20	0:01	KWP	0.00133	0.08000	Oversupply
4/10/2024 13:24	0:03	KWP	0.00400	0.08000	Oversupply
4/10/2024 13:28	0:11	KWP	0.01467	0.08000	Oversupply
4/10/2024 13:40	0:01	KWP	0.00133	0.08000	Oversupply
4/10/2024 13:43	0:01	KWP	0.00133	0.08000	Oversupply
4/10/2024 15:49	0:01	AWE	0.00789	17.70000	Oversupply
4/10/2024 15:51	0:06	AWE	0.03638	17.40000	Oversupply
4/10/2024 15:58	0:04	AWE	0.01522	17.60000	Oversupply
4/11/2024 0:57	0:01	AWE	0.00242	17.80000	Oversupply
4/11/2024 1:01	0:01	AWE	0.00655	17.70000	Oversupply
4/11/2024 1:05	0:01	AWE	0.00819	17.80000	Oversupply
4/11/2024 1:09	0:01	AWE	0.00379	17.60000	Oversupply
4/11/2024 1:12	0:03	AWE	0.00883	17.50000	Oversupply
4/11/2024 1:24	0:07	AWE	0.04818	17.30000	Oversupply
4/11/2024 1:32	0:01	AWE	0.00656	16.70000	Oversupply
4/11/2024 1:34	1:53	AWE	4.54424	17.60000	Oversupply
4/11/2024 3:28	1:15	AWE	2.68542	18.40000	Oversupply
4/11/2024 10:32	0:01	KWP	0.00211	0.12674	Oversupply
4/11/2024 10:50	0:06	BS 250	Data is not available	Data is not available	Oversupply
4/11/2024 10:50	0:08	17-2	0.04948	0.47500	Oversupply
4/11/2024 10:51	0:06	KWP	0.02604	1.16661	Oversupply
4/11/2024 10:52	0:04	AWE	0.03208	17.70000	Oversupply
4/11/2024 10:58	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/11/2024 10:59	0:01	AWE	0.00069	17.50000	Oversupply
4/11/2024 10:59	0:01	KWP	0.00221	0.13273	Oversupply
4/11/2024 10:59	0:23	17-2	0.19465	0.60300	Oversupply
4/11/2024 11:00	0:22	BS 250	Data is not available	Data is not available	Oversupply
4/11/2024 11:02	0:20	KWP	0.41992	4.98079	Oversupply
4/11/2024 11:06	0:02	AWE	0.00241	17.60000	Oversupply
4/11/2024 11:23	0:01	KWP	0.00381	4.51375	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/11/2024 11:23	0:01	17-2	0.00683	0.41000	Oversupply
4/11/2024 12:04	0:29	BS 250	Data is not available	Data is not available	Oversupply
4/11/2024 12:04	0:01	KWP/II	0.00018	0.04491	Oversupply
4/11/2024 12:04	0:31	17-2	0.23093	0.74000	Oversupply
4/11/2024 12:05	0:26	AWE	0.54814	17.80000	Oversupply
4/11/2024 12:06	0:01	KWP/II	0.00093	0.07584	Oversupply
4/11/2024 12:08	0:01	KWP/II	0.00025	0.04491	Oversupply
4/11/2024 12:11	0:02	KWP/II	0.00177	0.37922	Oversupply
4/11/2024 12:14	0:01	KWP/II	0.00329	0.19760	Oversupply
4/11/2024 12:25	0:08	KWP/II	0.08356	1.43805	Oversupply
4/11/2024 12:33	0:01	AWE	0.00384	18.40000	Oversupply
4/11/2024 15:08	0:01	KWP/II	0.00150	0.08982	Oversupply
4/12/2024 0:38	0:09	AWE	0.15129	21.00000	Oversupply
4/12/2024 0:58	0:01	KWP/II	0.00088	0.05289	Oversupply
4/12/2024 2:56	0:01	AWE	0.00167	0.10000	Oversupply
4/12/2024 3:26	0:08	AWE	0.24587	18.10000	Oversupply
4/12/2024 3:36	0:01	AWE	0.00388	12.10000	Oversupply
4/12/2024 3:52	0:16	KWP/II	0.34610	3.64952	Oversupply
4/12/2024 3:54	0:01	AWE	0.00309	12.30000	Oversupply
4/12/2024 3:59	0:08	AWE	0.21432	16.20000	Oversupply
4/12/2024 4:40	0:45	KWP/II	3.98163	10.06737	Oversupply
4/12/2024 4:45	0:35	AWE	2.87211	20.50000	Oversupply
4/12/2024 5:22	0:01	AWE	0.00422	14.20000	Oversupply
4/12/2024 6:02	0:01	AWE	0.00159	20.10000	Oversupply
4/12/2024 6:04	0:01	AWE	0.00378	20.70000	Oversupply
4/12/2024 10:17	0:05	BS 250	Data is not available	Data is not available	Oversupply
4/12/2024 10:18	0:04	17-2	0.03377	0.61200	Oversupply
4/12/2024 10:19	0:03	AWE	0.05076	9.50000	Oversupply
4/12/2024 10:22	0:13	KWP/II	0.09615	1.41809	Oversupply
4/12/2024 10:23	0:11	BS 250	Data is not available	Data is not available	Oversupply
4/12/2024 10:23	0:12	AWE	0.24443	12.70000	Oversupply
4/12/2024 10:23	0:55	17-2	0.40600	0.68200	Oversupply
4/12/2024 10:35	0:39	BS 250	Data is not available	Data is not available	Oversupply
4/12/2024 10:36	0:35	KWP/II	1.12355	3.74832	Oversupply
4/12/2024 10:36	0:37	AWE	5.14565	17.90000	Oversupply
4/12/2024 11:14	0:02	AWE	0.00929	17.60000	Oversupply
4/12/2024 12:48	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/12/2024 12:48	0:04	17-2	0.01147	0.23800	Oversupply
4/12/2024 12:50	0:02	AWE	0.00938	21.00000	Oversupply
4/12/2024 12:52	1:02	BS 250	Data is not available	Data is not available	Oversupply
4/12/2024 12:53	1:02	AWE	7.39349	21.00000	Oversupply
4/12/2024 12:53	1:02	17-2	0.36015	0.53700	Oversupply
4/12/2024 13:01	0:05	KWP/II	0.03443	0.79138	Oversupply
4/12/2024 15:14	0:19	BS 250	Data is not available	Data is not available	Oversupply
4/12/2024 15:14	0:18	AWE	0.37973	21.00000	Oversupply
4/12/2024 15:14	0:22	17-2	0.13960	0.75000	Oversupply
4/12/2024 15:19	0:16	KWP/II	0.19402	2.09271	Oversupply
4/12/2024 15:34	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/12/2024 18:33	0:05	BS 250	Data is not available	Data is not available	Oversupply
4/12/2024 18:34	0:04	KWP/II	0.04988	7.28008	Oversupply
4/12/2024 18:34	0:03	17-2	0.00045	0.01800	Oversupply
4/12/2024 23:28	0:06	AWE	0.05006	18.30000	Oversupply
4/12/2024 23:35	0:03	AWE	0.00580	17.90000	Oversupply
4/12/2024 23:53	0:01	AWE	0.00135	17.50000	Oversupply
4/12/2024 23:56	0:01	AWE	0.00973	17.40000	Oversupply
4/13/2024 0:45	0:01	AWE	0.00373	11.30000	Oversupply
4/13/2024 0:48	0:02	AWE	0.00401	11.50000	Oversupply
4/13/2024 0:51	0:01	AWE	0.00271	11.10000	Oversupply
4/13/2024 8:52	0:03	5A	Data is not available	Data is not available	Oversupply
4/13/2024 8:52	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 8:52	0:03	KWP	0.00400	0.08000	Oversupply
4/13/2024 8:52	0:03	17-2	0.01134	0.46700	Oversupply
4/13/2024 8:53	0:02	AWE	0.00667	0.30000	Oversupply
4/13/2024 9:05	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 9:06	0:02	5A	Data is not available	Data is not available	Oversupply
4/13/2024 9:06	0:02	AWE	0.01488	0.70000	Oversupply
4/13/2024 9:06	0:02	KWP	0.00267	0.08000	Oversupply
4/13/2024 9:06	0:02	17-2	0.00438	0.14700	Oversupply
4/13/2024 9:28	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 9:28	0:02	AWE	0.02070	3.00000	Oversupply
4/13/2024 9:28	0:02	17-2	0.02009	0.75000	Oversupply
4/13/2024 9:34	0:01	AWE	0.00368	4.00000	Oversupply
4/13/2024 9:34	0:01	17-2	0.01017	0.61000	Oversupply
4/13/2024 9:48	0:07	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 9:49	0:07	AWE	0.16097	4.80000	Oversupply
4/13/2024 9:49	0:07	17-2	0.06355	0.75000	Oversupply
4/13/2024 9:52	0:03	5A	Data is not available	Data is not available	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/13/2024 9:52	0:04	KWP	0.00488	0.08000	Oversupply
4/13/2024 9:57	0:01	17-2	0.00530	0.72000	Oversupply
4/13/2024 10:02	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 10:02	0:01	AWE	0.00685	4.40000	Oversupply
4/13/2024 10:02	0:02	17-2	0.01736	0.75000	Oversupply
4/13/2024 10:05	0:20	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 10:05	0:21	17-2	0.25881	0.75000	Oversupply
4/13/2024 10:06	0:20	AWE	0.24279	2.60000	Oversupply
4/13/2024 10:09	0:15	5A	Data is not available	Data is not available	Oversupply
4/13/2024 10:09	0:16	KWP	0.02133	0.08000	Oversupply
4/13/2024 10:14	0:01	KWP	0.00111	0.06686	Oversupply
4/13/2024 10:16	0:01	KWP	0.00264	0.15867	Oversupply
4/13/2024 10:18	0:08	KWP	0.06099	0.68260	Oversupply
4/13/2024 10:26	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 10:27	0:02	KWP	0.01703	0.58680	Oversupply
4/13/2024 10:27	0:09	17-2	0.10015	0.75000	Oversupply
4/13/2024 10:28	0:01	AWE	0.01500	1.50000	Oversupply
4/13/2024 10:30	0:05	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 10:30	0:06	AWE	0.06784	1.20000	Oversupply
4/13/2024 10:30	0:06	KWP	0.03511	0.70955	Oversupply
4/13/2024 10:31	0:04	5A	Data is not available	Data is not available	Oversupply
4/13/2024 10:32	0:04	KWP	0.00077	0.08000	Oversupply
4/13/2024 10:36	0:28	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 10:37	0:17	5A	Data is not available	Data is not available	Oversupply
4/13/2024 10:37	0:05	KWP	0.04021	0.79537	Oversupply
4/13/2024 10:37	0:18	KWP	0.00954	0.08000	Oversupply
4/13/2024 10:37	0:21	AWE	0.19747	1.70000	Oversupply
4/13/2024 10:37	0:27	17-2	0.33750	0.75000	Oversupply
4/13/2024 10:43	0:04	KWP	0.01630	0.34529	Oversupply
4/13/2024 10:49	0:09	KWP	0.05849	0.57582	Oversupply
4/13/2024 10:59	0:03	5A	Data is not available	Data is not available	Oversupply
4/13/2024 10:59	0:03	KWP	0.00778	0.39020	Oversupply
4/13/2024 11:00	0:04	AWE	0.04217	1.60000	Oversupply
4/13/2024 11:00	0:04	KWP	0.00533	0.08000	Oversupply
4/13/2024 11:09	0:02	5A	Data is not available	Data is not available	Oversupply
4/13/2024 11:09	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 11:09	0:03	17-2	0.03427	0.75000	Oversupply
4/13/2024 11:10	0:01	AWE	0.00011	0.20000	Oversupply
4/13/2024 11:10	0:01	KWP	0.00133	0.08000	Oversupply
4/13/2024 11:10	0:02	KWP	0.00645	0.39319	Oversupply
4/13/2024 11:16	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 11:17	0:01	AWE	0.00817	1.40000	Oversupply
4/13/2024 11:17	0:01	KWP	0.00023	0.08000	Oversupply
4/13/2024 11:17	0:02	KWP	0.00655	0.20757	Oversupply
4/13/2024 11:17	0:02	17-2	0.02497	0.75000	Oversupply
4/13/2024 11:24	0:01	17-2	0.00779	0.75000	Oversupply
4/13/2024 11:27	0:02	17-2	0.01315	0.75000	Oversupply
4/13/2024 11:28	0:01	5A	Data is not available	Data is not available	Oversupply
4/13/2024 11:28	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 11:28	0:01	AWE	0.00334	1.40000	Oversupply
4/13/2024 11:30	0:01	17-2	0.01250	0.75000	Oversupply
4/13/2024 11:31	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 11:32	0:01	AWE	0.00267	1.80000	Oversupply
4/13/2024 11:32	0:01	KWP	0.00130	0.07784	Oversupply
4/13/2024 11:32	0:03	17-2	0.03586	0.75000	Oversupply
4/13/2024 11:34	0:01	KWP	0.00317	0.19161	Oversupply
4/13/2024 11:36	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 11:36	0:01	AWE	0.00034	2.00000	Oversupply
4/13/2024 11:36	0:01	KWP	0.00065	0.03892	Oversupply
4/13/2024 11:36	0:01	17-2	0.01250	0.75000	Oversupply
4/13/2024 11:41	0:10	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 11:41	0:01	KWP	0.00120	0.07185	Oversupply
4/13/2024 11:41	0:11	17-2	0.12420	0.75000	Oversupply
4/13/2024 11:42	0:01	AWE	0.00248	2.40000	Oversupply
4/13/2024 11:44	0:06	5A	Data is not available	Data is not available	Oversupply
4/13/2024 11:44	0:08	AWE	0.08920	1.60000	Oversupply
4/13/2024 11:44	0:07	KWP	0.00807	0.08000	Oversupply
4/13/2024 11:53	0:04	17-2	0.03598	0.75000	Oversupply
4/13/2024 11:54	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 11:54	0:02	AWE	0.00334	1.40000	Oversupply
4/13/2024 11:58	0:01	17-2	0.00961	0.75000	Oversupply
4/13/2024 12:01	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 12:01	0:07	17-2	0.05486	0.75000	Oversupply
4/13/2024 12:02	0:03	AWE	0.01468	1.80000	Oversupply
4/13/2024 12:04	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 12:06	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 12:12	0:01	AWE	0.00055	1.40000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/13/2024 12:12	0:01	KWP/II	0.00133	0.07984	Oversupply
4/13/2024 12:12	1:02	17-2	0.55229	0.75000	Oversupply
4/13/2024 12:14	0:40	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 12:14	0:01	AWE	0.00184	1.20000	Oversupply
4/13/2024 12:14	0:01	KWP/II	0.00263	0.15768	Oversupply
4/13/2024 12:16	0:01	KWP/II	0.00073	0.04391	Oversupply
4/13/2024 12:16	0:19	AWE	0.11474	1.20000	Oversupply
4/13/2024 12:17	0:37	5A	Data is not available	Data is not available	Oversupply
4/13/2024 12:17	0:02	KWP	0.00267	0.08000	Oversupply
4/13/2024 12:20	0:09	KWP	0.01200	0.08000	Oversupply
4/13/2024 12:30	0:19	KWP	0.02533	0.08000	Oversupply
4/13/2024 12:35	0:03	KWP/II	0.00396	0.11676	Oversupply
4/13/2024 12:36	0:03	AWE	0.01500	0.40000	Oversupply
4/13/2024 12:40	0:01	KWP/II	0.00023	0.01397	Oversupply
4/13/2024 12:42	0:01	AWE	0.00111	0.10000	Oversupply
4/13/2024 12:45	0:01	KWP/II	0.00081	0.04890	Oversupply
4/13/2024 12:46	0:04	AWE	0.01212	0.30000	Oversupply
4/13/2024 12:47	0:07	KWP/II	0.02620	0.47303	Oversupply
4/13/2024 12:50	0:05	KWP	0.00305	0.08000	Oversupply
4/13/2024 12:51	0:04	AWE	0.01500	0.30000	Oversupply
4/13/2024 12:55	0:05	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 12:56	0:05	AWE	0.01383	0.60000	Oversupply
4/13/2024 12:57	0:02	5A	Data is not available	Data is not available	Oversupply
4/13/2024 12:57	0:03	KWP	0.00400	0.08000	Oversupply
4/13/2024 13:01	0:09	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 13:02	0:06	5A	Data is not available	Data is not available	Oversupply
4/13/2024 13:02	0:07	AWE	0.06256	1.20000	Oversupply
4/13/2024 13:03	0:05	KWP	0.00658	0.08000	Oversupply
4/13/2024 13:10	0:01	AWE	0.00256	0.60000	Oversupply
4/13/2024 13:11	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 13:13	0:01	AWE	0.00284	1.20000	Oversupply
4/13/2024 13:15	0:02	17-2	0.00447	0.53700	Oversupply
4/13/2024 13:18	0:01	AWE	0.00150	1.40000	Oversupply
4/13/2024 13:18	0:01	KWP/II	0.00116	0.06986	Oversupply
4/13/2024 13:18	0:01	17-2	0.00748	0.44900	Oversupply
4/13/2024 14:06	0:07	17-2	0.05049	0.75000	Oversupply
4/13/2024 14:07	0:01	AWE	0.00168	4.40000	Oversupply
4/13/2024 14:11	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 14:19	0:01	17-2	0.00014	0.37300	Oversupply
4/13/2024 14:21	0:20	17-2	0.22249	0.75000	Oversupply
4/13/2024 14:22	0:17	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 14:22	0:01	AWE	0.00735	4.20000	Oversupply
4/13/2024 14:24	0:07	AWE	0.07936	3.60000	Oversupply
4/13/2024 14:32	0:02	AWE	0.01864	2.90000	Oversupply
4/13/2024 14:35	0:04	AWE	0.03481	3.10000	Oversupply
4/13/2024 14:40	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 14:46	0:02	17-2	0.00748	0.75000	Oversupply
4/13/2024 16:18	0:06	17-2	0.02866	0.56300	Oversupply
4/13/2024 16:20	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/13/2024 16:22	0:02	AWE	0.00568	2.20000	Oversupply
4/14/2024 1:18	0:01	AWE	0.00406	12.50000	Oversupply
4/14/2024 12:19	0:07	BS 250	Data is not available	Data is not available	Oversupply
4/14/2024 12:19	0:07	KWP/II	0.14356	10.69708	Oversupply
4/14/2024 12:19	0:09	17-2	0.04292	0.35300	Oversupply
4/14/2024 14:01	0:02	17-2	0.00643	0.75000	Oversupply
4/14/2024 14:46	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/14/2024 14:46	0:02	17-2	0.00512	0.47300	Oversupply
4/14/2024 14:51	0:16	17-2	0.12101	0.75000	Oversupply
4/14/2024 14:52	0:14	BS 250	Data is not available	Data is not available	Oversupply
4/14/2024 14:53	0:13	KWP/II	1.08287	9.76399	Oversupply
4/14/2024 14:57	0:03	AWE	0.03140	2.20000	Oversupply
4/15/2024 2:20	0:20	KWP/II	1.24266	17.80652	Oversupply
4/15/2024 3:40	0:22	KWP/II	0.54196	9.44365	Oversupply
4/15/2024 4:04	0:01	KWP/II	0.00052	6.13842	Oversupply
4/15/2024 4:06	0:05	KWP/II	0.02101	6.47074	Oversupply
4/15/2024 4:12	0:07	KWP/II	0.02022	5.49774	Oversupply
4/15/2024 4:20	0:05	KWP/II	0.08295	4.94287	Oversupply
4/15/2024 11:09	1:02	17-2	0.28849	0.75000	Oversupply
4/15/2024 11:10	1:00	BS 250	Data is not available	Data is not available	Oversupply
4/15/2024 11:11	0:33	KWP/II	1.50902	12.64908	Oversupply
4/15/2024 11:45	0:25	KWP/II	1.71241	10.45757	Oversupply
4/15/2024 12:22	2:44	BS 250	Data is not available	Data is not available	Oversupply
4/15/2024 12:23	2:46	KWP/II	15.19274	8.95465	Oversupply
4/15/2024 12:23	2:46	17-2	1.36062	0.75000	Oversupply
4/15/2024 12:29	0:10	AWE	0.33176	9.10000	Oversupply
4/15/2024 12:45	0:01	AWE	0.01669	8.60000	Oversupply
4/15/2024 12:50	0:03	AWE	0.01874	8.20000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/15/2024 12:55	0:02	AWE	0.03881	9.10000	Oversupply
4/15/2024 12:58	1:07	AWE	4.50071	13.10000	Oversupply
4/15/2024 13:14	0:02	5A	Data is not available	Data is not available	Oversupply
4/15/2024 13:22	0:02	5A	Data is not available	Data is not available	Oversupply
4/15/2024 13:23	0:01	KWP	0.00267	8.24000	Oversupply
4/15/2024 13:25	0:04	5A	Data is not available	Data is not available	Oversupply
4/15/2024 13:26	0:01	KWP	0.00267	6.80000	Oversupply
4/15/2024 13:31	0:02	5A	Data is not available	Data is not available	Oversupply
4/15/2024 13:34	0:02	5A	Data is not available	Data is not available	Oversupply
4/15/2024 13:35	0:01	KWP	0.00267	3.12000	Oversupply
4/15/2024 14:06	0:01	AWE	0.01021	12.40000	Oversupply
4/15/2024 14:08	0:03	AWE	0.15232	13.70000	Oversupply
4/15/2024 14:12	0:01	AWE	0.00171	12.20000	Oversupply
4/15/2024 14:14	0:04	AWE	0.08500	13.90000	Oversupply
4/15/2024 14:20	0:01	AWE	0.00522	14.40000	Oversupply
4/15/2024 14:22	0:03	AWE	0.05486	16.60000	Oversupply
4/15/2024 14:26	0:07	AWE	0.24886	13.80000	Oversupply
4/15/2024 14:34	0:03	AWE	0.06878	13.30000	Oversupply
4/15/2024 14:42	0:01	AWE	0.00322	14.90000	Oversupply
4/15/2024 14:44	0:01	AWE	0.00655	14.10000	Oversupply
4/15/2024 14:47	0:01	AWE	0.00671	11.50000	Oversupply
4/15/2024 14:54	0:06	AWE	0.10238	11.00000	Oversupply
4/15/2024 15:02	0:02	AWE	0.01791	11.40000	Oversupply
4/15/2024 15:07	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/15/2024 15:10	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/15/2024 15:10	0:02	17-2	0.00993	0.69200	Oversupply
4/15/2024 15:41	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/15/2024 15:41	0:07	17-2	0.06881	0.74300	Oversupply
4/15/2024 15:42	0:05	KWP	0.05456	5.20933	Oversupply
4/15/2024 15:51	1:07	BS 250	Data is not available	Data is not available	Oversupply
4/15/2024 15:52	1:06	KWP	3.50325	8.70916	Oversupply
4/15/2024 15:52	1:08	17-2	0.56925	0.71600	Oversupply
4/15/2024 15:55	0:01	AWE	0.00804	12.10000	Oversupply
4/15/2024 15:58	0:01	AWE	0.00155	12.90000	Oversupply
4/15/2024 16:00	0:08	AWE	0.09644	13.30000	Oversupply
4/15/2024 16:10	0:15	AWE	0.49080	12.90000	Oversupply
4/15/2024 16:26	0:03	AWE	0.01444	10.20000	Oversupply
4/15/2024 16:35	0:02	AWE	0.00138	13.40000	Oversupply
4/15/2024 16:38	0:02	AWE	0.01536	13.30000	Oversupply
4/15/2024 16:42	0:02	AWE	0.01543	14.10000	Oversupply
4/16/2024 9:18	0:03	17-2	0.01700	0.68200	Oversupply
4/16/2024 9:32	0:02	17-2	0.01254	0.73000	Oversupply
4/16/2024 9:50	0:01	17-2	0.00270	0.74100	Oversupply
4/16/2024 9:58	0:01	17-2	0.00338	0.75000	Oversupply
4/16/2024 10:00	0:01	17-2	0.00585	0.75000	Oversupply
4/16/2024 10:05	0:03	17-2	0.00845	0.75000	Oversupply
4/16/2024 10:09	0:01	17-2	0.00899	0.75000	Oversupply
4/16/2024 10:11	0:01	AWE	0.00468	3.30000	Oversupply
4/16/2024 10:11	0:03	17-2	0.02323	0.75000	Oversupply
4/16/2024 10:37	0:29	17-2	0.28992	0.75000	Oversupply
4/16/2024 10:38	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/16/2024 10:40	0:25	BS 250	Data is not available	Data is not available	Oversupply
4/16/2024 10:40	0:04	AWE	0.01524	2.50000	Oversupply
4/16/2024 10:45	0:21	AWE	0.27043	1.90000	Oversupply
4/16/2024 10:49	0:02	5A	Data is not available	Data is not available	Oversupply
4/16/2024 10:50	0:15	KWP	0.02000	0.08000	Oversupply
4/16/2024 10:52	0:13	5A	Data is not available	Data is not available	Oversupply
4/16/2024 12:16	0:03	AWE	0.00147	1.70000	Oversupply
4/16/2024 12:16	0:03	17-2	0.03447	0.75000	Oversupply
4/16/2024 12:20	0:03	17-2	0.01214	0.75000	Oversupply
4/16/2024 12:26	0:03	17-2	0.01539	0.75000	Oversupply
4/16/2024 12:28	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/16/2024 12:50	0:03	17-2	0.01620	0.75000	Oversupply
4/16/2024 12:56	0:02	17-2	0.01501	0.75000	Oversupply
4/16/2024 12:59	0:01	17-2	0.00414	0.75000	Oversupply
4/16/2024 13:36	0:02	17-2	0.00691	0.75000	Oversupply
4/16/2024 13:42	0:10	17-2	0.08381	0.75000	Oversupply
4/16/2024 13:44	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/16/2024 13:44	0:02	AWE	0.00477	0.50000	Oversupply
4/16/2024 13:47	0:01	AWE	0.00025	0.20000	Oversupply
4/16/2024 13:48	0:04	BS 250	Data is not available	Data is not available	Oversupply
4/16/2024 13:49	0:03	5A	Data is not available	Data is not available	Oversupply
4/16/2024 13:50	0:02	AWE	0.01333	0.50000	Oversupply
4/16/2024 13:50	0:02	KWP	0.00267	0.08000	Oversupply
4/17/2024 12:33	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/17/2024 12:33	0:01	KWP	0.00348	1.12869	Oversupply
4/17/2024 12:33	0:01	17-2	0.01082	0.75000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/17/2024 12:36	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/17/2024 12:36	0:04	KWP/II	0.01781	1.32528	Oversupply
4/17/2024 12:36	1:27	17-2	1.02764	0.75000	Oversupply
4/17/2024 12:39	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/17/2024 12:41	1:22	BS 250	Data is not available	Data is not available	Oversupply
4/17/2024 12:41	1:22	KWP/II	2.18219	2.59169	Oversupply
4/17/2024 12:42	0:04	5A	Data is not available	Data is not available	Oversupply
4/17/2024 12:42	0:01	AWE	0.00387	0.50000	Oversupply
4/17/2024 12:44	0:02	AWE	0.02000	0.70000	Oversupply
4/17/2024 12:44	0:02	KWP	0.00051	0.08000	Oversupply
4/17/2024 12:47	1:05	AWE	0.75777	1.30000	Oversupply
4/17/2024 12:48	0:04	5A	Data is not available	Data is not available	Oversupply
4/17/2024 12:49	0:04	KWP	0.00533	0.08000	Oversupply
4/17/2024 12:55	0:01	KWP	0.00133	0.08000	Oversupply
4/17/2024 12:56	0:01	5A	Data is not available	Data is not available	Oversupply
4/17/2024 12:58	0:28	5A	Data is not available	Data is not available	Oversupply
4/17/2024 12:59	0:27	KWP	0.01151	0.08000	Oversupply
4/17/2024 13:27	0:24	5A	Data is not available	Data is not available	Oversupply
4/17/2024 13:27	0:25	KWP	0.02793	0.08000	Oversupply
4/17/2024 13:53	0:02	AWE	0.01391	0.90000	Oversupply
4/17/2024 13:56	0:01	5A	Data is not available	Data is not available	Oversupply
4/17/2024 13:56	0:01	AWE	0.00758	0.50000	Oversupply
4/17/2024 13:56	0:01	KWP	0.00082	0.08000	Oversupply
4/17/2024 14:04	0:15	BS 250	Data is not available	Data is not available	Oversupply
4/17/2024 14:05	0:03	KWP/II	0.01793	1.44803	Oversupply
4/17/2024 14:05	0:15	17-2	0.14791	0.75000	Oversupply
4/17/2024 14:09	0:03	AWE	0.02136	3.40000	Oversupply
4/17/2024 14:09	0:11	KWP/II	0.16412	1.85121	Oversupply
4/17/2024 14:22	0:02	17-2	0.00618	0.75000	Oversupply
4/17/2024 14:33	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/17/2024 14:34	0:02	17-2	0.01457	0.56500	Oversupply
4/17/2024 14:38	0:08	BS 250	Data is not available	Data is not available	Oversupply
4/17/2024 14:38	0:09	17-2	0.09435	0.75000	Oversupply
4/17/2024 14:39	0:01	KWP/II	0.00127	3.15553	Oversupply
4/17/2024 14:41	0:04	KWP/II	0.03235	3.59962	Oversupply
4/18/2024 0:44	0:05	KWP/II	0.05919	11.61820	Oversupply
4/18/2024 0:58	0:01	KWP/II	0.00702	11.18907	Oversupply
4/18/2024 1:10	0:01	KWP/II	0.00608	9.97257	Oversupply
4/18/2024 1:16	0:01	KWP/II	0.00078	9.33088	Oversupply
4/18/2024 1:22	0:02	KWP/II	0.00774	9.52748	Oversupply
4/18/2024 1:26	0:02	KWP/II	0.01708	8.76205	Oversupply
4/18/2024 1:29	0:07	KWP/II	0.06432	9.49554	Oversupply
4/18/2024 1:37	0:03	KWP/II	0.00790	9.38876	Oversupply
4/18/2024 1:47	0:01	KWP/II	0.00846	8.92571	Oversupply
4/18/2024 1:50	0:01	KWP/II	0.00540	8.59239	Oversupply
4/18/2024 1:55	0:03	KWP/II	0.01116	8.08843	Oversupply
4/18/2024 1:59	0:02	KWP/II	0.00782	8.24411	Oversupply
4/18/2024 2:02	0:02	KWP/II	0.01918	8.15828	Oversupply
4/18/2024 2:06	0:06	KWP/II	0.04542	8.33991	Oversupply
4/18/2024 2:13	0:01	KWP/II	0.00009	7.31401	Oversupply
4/18/2024 2:16	0:01	KWP/II	0.00972	6.99167	Oversupply
4/18/2024 2:41	0:01	KWP/II	0.00357	6.82302	Oversupply
4/18/2024 2:43	0:01	KWP/II	0.00313	7.05654	Oversupply
4/18/2024 2:45	0:25	KWP/II	0.45434	8.32993	Oversupply
4/18/2024 3:11	0:04	KWP/II	0.00798	7.14835	Oversupply
4/18/2024 3:16	0:03	KWP/II	0.00470	7.61140	Oversupply
4/18/2024 3:20	0:01	KWP/II	0.00066	7.08947	Oversupply
4/18/2024 3:27	0:04	KWP/II	0.03155	7.42678	Oversupply
4/18/2024 3:32	0:03	KWP/II	0.01862	7.48466	Oversupply
4/18/2024 3:36	0:06	KWP/II	0.04924	7.85990	Oversupply
4/18/2024 3:50	0:01	KWP/II	0.00138	7.35393	Oversupply
4/18/2024 4:53	0:01	KWP/II	0.01415	10.90665	Oversupply
4/18/2024 4:55	0:01	KWP/II	0.00496	10.82382	Oversupply
4/18/2024 4:57	0:04	KWP/II	0.03638	11.08329	Oversupply
4/18/2024 7:54	0:01	17-2	0.00064	0.09300	Oversupply
4/18/2024 8:35	0:01	17-2	0.00554	0.51300	Oversupply
4/18/2024 8:40	0:01	17-2	0.00287	0.53500	Oversupply
4/18/2024 8:43	0:01	KWP/II	0.00062	8.85087	Oversupply
4/18/2024 8:43	0:01	17-2	0.00910	0.54600	Oversupply
4/18/2024 8:48	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/18/2024 8:49	0:01	17-2	0.00947	0.56800	Oversupply
4/18/2024 8:50	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/18/2024 8:51	0:07	17-2	0.06546	0.60000	Oversupply
4/18/2024 8:52	0:05	BS 250	Data is not available	Data is not available	Oversupply
4/18/2024 8:53	0:04	KWP/II	0.02582	7.48067	Oversupply
4/18/2024 9:02	0:01	17-2	0.00704	0.62200	Oversupply
4/18/2024 9:05	0:02	17-2	0.00821	0.63300	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/18/2024 9:08	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/18/2024 9:08	0:01	KWP	0.00038	5.63645	Oversupply
4/18/2024 9:08	0:06	17-2	0.04213	0.65500	Oversupply
4/18/2024 9:12	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/18/2024 9:13	0:01	KWP	0.00429	6.37594	Oversupply
4/18/2024 9:31	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/18/2024 9:31	5:59	17-2	4.24587	0.75000	Oversupply
4/18/2024 9:33	0:01	KWP	0.00366	5.22829	Oversupply
4/18/2024 9:35	6:03	BS 250	Data is not available	Data is not available	Oversupply
4/18/2024 9:36	5:54	KWP	19.39196	6.80306	Oversupply
4/18/2024 9:57	0:01	AWE	0.01418	3.40000	Oversupply
4/18/2024 10:00	0:25	AWE	0.67850	3.70000	Oversupply
4/18/2024 10:13	0:10	5A	Data is not available	Data is not available	Oversupply
4/18/2024 10:33	4:19	AWE	17.07158	12.40000	Oversupply
4/18/2024 10:44	1:15	5A	Data is not available	Data is not available	Oversupply
4/18/2024 10:55	0:02	KWP	0.00267	0.08000	Oversupply
4/18/2024 10:58	0:05	KWP	0.00667	0.08000	Oversupply
4/18/2024 11:04	0:01	KWP	0.00133	0.08000	Oversupply
4/18/2024 11:06	0:06	KWP	0.00800	0.08000	Oversupply
4/18/2024 11:13	0:47	KWP	0.06267	0.08000	Oversupply
4/18/2024 13:02	0:02	5A	Data is not available	Data is not available	Oversupply
4/18/2024 13:03	0:01	KWP	0.00133	0.08000	Oversupply
4/18/2024 13:05	0:06	5A	Data is not available	Data is not available	Oversupply
4/18/2024 13:06	0:04	KWP	0.00533	0.08000	Oversupply
4/18/2024 14:04	0:02	5A	Data is not available	Data is not available	Oversupply
4/18/2024 14:05	0:02	KWP	0.00267	0.08000	Oversupply
4/18/2024 14:56	0:02	AWE	0.01224	11.00000	Oversupply
4/18/2024 15:01	0:11	AWE	0.26782	13.30000	Oversupply
4/18/2024 15:14	0:04	AWE	0.01218	13.30000	Oversupply
4/18/2024 15:31	0:07	KWP	0.18697	7.16831	Oversupply
4/18/2024 15:31	0:07	17-2	0.05463	0.75000	Oversupply
4/18/2024 15:45	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/18/2024 15:45	0:04	17-2	0.02129	0.75000	Oversupply
4/18/2024 16:02	0:01	17-2	0.00138	0.62000	Oversupply
4/18/2024 16:06	0:02	17-2	0.00698	0.60600	Oversupply
4/18/2024 16:17	0:01	KWP	0.00809	11.15914	Oversupply
4/18/2024 16:17	0:03	17-2	0.01511	0.56600	Oversupply
4/18/2024 16:22	0:02	17-2	0.01132	0.51600	Oversupply
4/18/2024 16:23	0:01	KWP	0.00108	10.32085	Oversupply
4/18/2024 16:25	0:01	17-2	0.00190	0.52000	Oversupply
4/18/2024 16:32	0:02	17-2	0.00278	0.49300	Oversupply
4/18/2024 17:12	1:23	BS 250	Data is not available	Data is not available	Oversupply
4/18/2024 17:12	0:52	17-2	0.16620	0.32400	Oversupply
4/18/2024 17:12	1:23	KWP	6.33467	17.33947	Oversupply
4/18/2024 18:10	0:10	17-2	0.00333	0.02000	Oversupply
4/18/2024 19:43	0:01	KWP	0.00776	17.41432	Oversupply
4/18/2024 20:57	0:01	AWE	0.00500	0.30000	Oversupply
4/18/2024 21:00	0:04	KWP	0.04094	17.99313	Oversupply
4/18/2024 21:05	0:04	KWP	0.09164	18.01409	Oversupply
4/18/2024 21:10	0:02	KWP	0.01283	18.02008	Oversupply
4/18/2024 21:14	0:03	KWP	0.01619	17.96320	Oversupply
4/18/2024 21:20	8:56	KWP	83.87248	19.52999	Oversupply
4/19/2024 6:18	0:04	KWP	0.03587	16.52115	Oversupply
4/19/2024 6:25	9:16	BS 250	Data is not available	Data is not available	Oversupply
4/19/2024 6:25	9:16	KWP	126.15352	19.52999	Oversupply
4/19/2024 6:39	9:03	17-2	2.98640	0.75000	Oversupply
4/19/2024 6:42	8:08	AWE	100.56900	21.00000	Oversupply
4/19/2024 8:41	0:06	5A	Data is not available	Data is not available	Oversupply
4/19/2024 8:48	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 8:50	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 8:53	0:08	5A	Data is not available	Data is not available	Oversupply
4/19/2024 8:55	0:01	KWP	0.00267	14.48000	Oversupply
4/19/2024 9:07	0:06	5A	Data is not available	Data is not available	Oversupply
4/19/2024 9:13	0:01	KWP	0.00267	13.52000	Oversupply
4/19/2024 9:15	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 9:16	0:01	KWP	0.00267	13.36000	Oversupply
4/19/2024 9:17	0:04	5A	Data is not available	Data is not available	Oversupply
4/19/2024 9:22	0:05	5A	Data is not available	Data is not available	Oversupply
4/19/2024 9:25	0:01	KWP	0.00533	8.08000	Oversupply
4/19/2024 9:29	0:09	5A	Data is not available	Data is not available	Oversupply
4/19/2024 9:31	0:01	KWP	0.00267	6.96000	Oversupply
4/19/2024 9:37	0:01	KWP	0.00361	2.16000	Oversupply
4/19/2024 9:43	0:02	5A	Data is not available	Data is not available	Oversupply
4/19/2024 9:46	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 9:49	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 9:55	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 9:59	0:03	5A	Data is not available	Data is not available	Oversupply



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April 2024

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/19/2024 10:03	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:05	0:04	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:07	0:01	KWP	0.00533	14.32000	Oversupply
4/19/2024 10:10	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:10	0:01	KWP	0.00267	12.08000	Oversupply
4/19/2024 10:12	0:02	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:12	0:01	KWP	0.00267	10.96000	Oversupply
4/19/2024 10:14	0:01	KWP	0.00267	9.04000	Oversupply
4/19/2024 10:15	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:18	0:02	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:22	0:02	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:25	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:27	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:29	0:02	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:32	0:07	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:32	0:01	KWP	0.00533	13.52000	Oversupply
4/19/2024 10:41	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:43	0:02	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:44	0:01	KWP	0.00533	13.52000	Oversupply
4/19/2024 10:46	0:05	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:48	0:01	KWP	0.00267	11.44000	Oversupply
4/19/2024 10:50	0:01	KWP	0.00267	10.48000	Oversupply
4/19/2024 10:52	0:02	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:52	0:01	KWP	0.00533	9.20000	Oversupply
4/19/2024 10:55	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 10:57	0:02	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:02	0:03	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:06	0:02	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:09	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:11	0:04	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:16	0:02	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:19	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:21	0:02	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:24	0:05	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:25	0:01	KWP	0.00223	5.36000	Oversupply
4/19/2024 11:30	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:34	0:02	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:37	0:02	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:40	0:02	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:43	0:01	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:45	0:05	5A	Data is not available	Data is not available	Oversupply
4/19/2024 11:51	0:03	5A	Data is not available	Data is not available	Oversupply
4/19/2024 12:12	0:05	5A	Data is not available	Data is not available	Oversupply
4/19/2024 12:12	0:01	KWP	0.00533	12.72000	Oversupply
4/19/2024 12:15	0:01	KWP	0.00533	10.80000	Oversupply
4/19/2024 14:59	0:01	AWE	0.00041	21.00000	Oversupply
4/19/2024 15:45	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/19/2024 15:45	0:02	17-2	0.00520	0.15600	Oversupply
4/19/2024 15:46	0:01	KWPPII	0.00041	11.06233	Oversupply
4/19/2024 15:47	0:31	BS 250	Data is not available	Data is not available	Oversupply
4/19/2024 15:48	0:31	KWPPII	2.80629	16.04513	Oversupply
4/19/2024 15:48	0:31	17-2	0.08623	0.27800	Oversupply
4/19/2024 16:25	0:06	BS 250	Data is not available	Data is not available	Oversupply
4/19/2024 16:25	0:06	17-2	0.01758	0.20000	Oversupply
4/19/2024 16:27	0:04	KWPPII	0.06935	15.12601	Oversupply
4/19/2024 16:37	0:07	17-2	0.01648	0.16600	Oversupply
4/19/2024 16:38	0:06	BS 250	Data is not available	Data is not available	Oversupply
4/19/2024 16:39	0:05	KWPPII	0.10279	16.12895	Oversupply
4/19/2024 16:45	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/19/2024 16:45	0:01	17-2	0.00157	0.09400	Oversupply
4/19/2024 16:48	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/19/2024 17:33	0:04	BS 250	Data is not available	Data is not available	Oversupply
4/19/2024 17:33	0:04	KWPPII	0.05420	16.20480	Oversupply
4/19/2024 17:33	0:04	17-2	0.00238	0.03900	Oversupply
4/19/2024 18:03	0:12	BS 250	Data is not available	Data is not available	Oversupply
4/19/2024 18:04	0:12	KWPPII	0.13578	16.24272	Oversupply
4/19/2024 18:04	0:22	17-2	0.00825	0.02900	Oversupply
4/19/2024 18:16	0:30	BS 250	Data is not available	Data is not available	Oversupply
4/19/2024 18:17	0:18	KWPPII	0.73998	16.31358	Oversupply
4/19/2024 18:36	0:11	KWPPII	0.32777	16.14293	Oversupply
4/19/2024 18:58	0:01	KWPPII	0.02231	16.31557	Oversupply
4/19/2024 19:00	0:03	KWPPII	0.02151	16.33254	Oversupply
4/19/2024 20:06	0:02	KWPPII	0.02797	15.09208	Oversupply
4/19/2024 21:18	0:04	KWPPII	0.02874	16.38443	Oversupply
4/19/2024 21:27	1:24	KWPPII	11.89902	16.51716	Oversupply
4/19/2024 22:06	0:08	AWE	0.12661	20.50000	Oversupply
4/19/2024 22:24	0:01	AWE	0.00856	17.30000	Oversupply



Maui Curtailment Report

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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/19/2024 23:03	5:19	KWP	43.00257	16.49021	Oversupply
4/19/2024 23:35	0:01	AWE	0.00553	14.10000	Oversupply
4/19/2024 23:39	0:43	AWE	2.71706	18.20000	Oversupply
4/20/2024 4:26	0:07	KWP	0.08300	16.02916	Oversupply
4/20/2024 4:34	0:04	KWP	0.05609	16.27266	Oversupply
4/20/2024 4:40	0:01	KWP	0.00120	16.32854	Oversupply
4/20/2024 4:44	0:01	KWP	0.00554	16.31158	Oversupply
4/20/2024 4:48	0:03	KWP	0.02039	16.38144	Oversupply
4/20/2024 4:52	0:11	KWP	0.10135	16.36148	Oversupply
4/20/2024 5:08	0:02	KWP	0.01371	16.07207	Oversupply
4/20/2024 5:15	8:44	KWP	89.36437	16.51416	Oversupply
4/20/2024 5:41	0:01	AWE	0.00053	12.40000	Oversupply
4/20/2024 6:25	10:35	BS 250	Data is not available	Data is not available	Oversupply
4/20/2024 6:35	10:25	17-2	4.58517	0.75000	Oversupply
4/20/2024 7:37	0:31	AWE	1.80885	21.00000	Oversupply
4/20/2024 8:09	0:01	AWE	0.00805	15.90000	Oversupply
4/20/2024 8:15	8:24	AWE	88.20504	21.00000	Oversupply
4/20/2024 9:45	0:01	5A	Data is not available	Data is not available	Oversupply
4/20/2024 9:47	0:03	5A	Data is not available	Data is not available	Oversupply
4/20/2024 9:53	0:01	5A	Data is not available	Data is not available	Oversupply
4/20/2024 9:53	0:01	KWP	0.00267	13.36000	Oversupply
4/20/2024 9:56	0:01	5A	Data is not available	Data is not available	Oversupply
4/20/2024 9:58	0:01	5A	Data is not available	Data is not available	Oversupply
4/20/2024 10:00	0:02	5A	Data is not available	Data is not available	Oversupply
4/20/2024 10:13	0:04	5A	Data is not available	Data is not available	Oversupply
4/20/2024 10:19	0:01	5A	Data is not available	Data is not available	Oversupply
4/20/2024 10:21	0:01	5A	Data is not available	Data is not available	Oversupply
4/20/2024 10:23	0:01	5A	Data is not available	Data is not available	Oversupply
4/20/2024 10:23	0:01	KWP	0.00533	10.48000	Oversupply
4/20/2024 10:26	0:05	5A	Data is not available	Data is not available	Oversupply
4/20/2024 10:32	0:01	5A	Data is not available	Data is not available	Oversupply
4/20/2024 10:34	0:02	5A	Data is not available	Data is not available	Oversupply
4/20/2024 10:38	0:02	5A	Data is not available	Data is not available	Oversupply
4/20/2024 10:42	0:03	5A	Data is not available	Data is not available	Oversupply
4/20/2024 10:42	0:01	KWP	0.00267	6.16000	Oversupply
4/20/2024 10:46	0:03	5A	Data is not available	Data is not available	Oversupply
4/20/2024 10:51	0:02	5A	Data is not available	Data is not available	Oversupply
4/20/2024 10:56	0:02	5A	Data is not available	Data is not available	Oversupply
4/20/2024 10:59	0:01	5A	Data is not available	Data is not available	Oversupply
4/20/2024 12:20	0:05	5A	Data is not available	Data is not available	Oversupply
4/20/2024 12:27	0:02	5A	Data is not available	Data is not available	Oversupply
4/20/2024 12:30	0:01	5A	Data is not available	Data is not available	Oversupply
4/20/2024 12:32	0:02	5A	Data is not available	Data is not available	Oversupply
4/20/2024 12:35	0:14	5A	Data is not available	Data is not available	Oversupply
4/20/2024 12:56	0:01	5A	Data is not available	Data is not available	Oversupply
4/20/2024 12:58	0:01	5A	Data is not available	Data is not available	Oversupply
4/20/2024 14:00	0:01	KWP	0.00090	0.27943	Oversupply
4/20/2024 14:11	2:49	KWP	24.89566	13.88555	Oversupply
4/20/2024 16:40	0:01	AWE	0.00800	19.30000	Oversupply
4/20/2024 16:42	0:01	AWE	0.00204	20.00000	Oversupply
4/20/2024 18:21	0:04	BS 250	Data is not available	Data is not available	Oversupply
4/20/2024 18:22	0:01	KWP	0.00574	9.13229	Oversupply
4/20/2024 18:22	0:01	17-2	0.00068	0.04100	Oversupply
4/20/2024 18:24	0:01	KWP	0.00159	11.45653	Oversupply
4/20/2024 18:24	0:01	17-2	0.00066	0.04100	Oversupply
4/20/2024 18:42	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/20/2024 18:48	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/20/2024 22:41	0:01	AWE	0.00167	0.10000	Oversupply
4/20/2024 23:00	0:01	KWP	0.00564	12.87562	Oversupply
4/20/2024 23:26	0:09	KWP	0.16193	16.60498	Oversupply
4/20/2024 23:41	17:24	KWP	211.22108	17.34446	Oversupply
4/21/2024 3:19	0:10	AWE	0.25185	7.30000	Oversupply
4/21/2024 3:31	0:01	AWE	0.00502	5.10000	Oversupply
4/21/2024 3:39	0:01	AWE	0.00252	6.40000	Oversupply
4/21/2024 3:43	0:01	AWE	0.00169	6.90000	Oversupply
4/21/2024 3:46	0:01	AWE	0.00202	6.50000	Oversupply
4/21/2024 3:49	0:01	AWE	0.01302	6.00000	Oversupply
4/21/2024 3:52	0:09	AWE	0.09137	7.30000	Oversupply
4/21/2024 4:05	0:01	AWE	0.00119	7.10000	Oversupply
4/21/2024 4:44	0:04	AWE	0.05140	6.10000	Oversupply
4/21/2024 4:49	0:01	AWE	0.00135	3.60000	Oversupply
4/21/2024 4:54	0:01	AWE	0.00646	2.40000	Oversupply
4/21/2024 4:56	0:40	AWE	1.87463	8.50000	Oversupply
4/21/2024 5:37	0:13	AWE	0.47230	7.80000	Oversupply
4/21/2024 5:51	0:02	AWE	0.03770	6.40000	Oversupply
4/21/2024 5:54	0:03	AWE	0.04572	5.80000	Oversupply
4/21/2024 5:59	0:01	AWE	0.00285	6.20000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/21/2024 6:01	0:01	AWE	0.00618	5.40000	Oversupply
4/21/2024 6:23	10:42	17-2	3.97978	0.75000	Oversupply
4/21/2024 6:25	10:40	BS 250	Data is not available	Data is not available	Oversupply
4/21/2024 6:42	0:01	AWE	0.00164	10.20000	Oversupply
4/21/2024 7:09	0:30	AWE	2.50468	16.90000	Oversupply
4/21/2024 7:40	0:04	AWE	0.13170	12.80000	Oversupply
4/21/2024 7:45	0:27	AWE	0.80615	16.30000	Oversupply
4/21/2024 8:14	0:01	AWE	0.01170	9.30000	Oversupply
4/21/2024 8:17	7:52	AWE	77.41884	21.00000	Oversupply
4/21/2024 9:24	0:02	5A	Data is not available	Data is not available	Oversupply
4/21/2024 9:28	0:02	5A	Data is not available	Data is not available	Oversupply
4/21/2024 9:31	0:01	5A	Data is not available	Data is not available	Oversupply
4/21/2024 9:33	0:01	5A	Data is not available	Data is not available	Oversupply
4/21/2024 9:36	0:01	5A	Data is not available	Data is not available	Oversupply
4/21/2024 9:39	0:01	5A	Data is not available	Data is not available	Oversupply
4/21/2024 10:20	0:06	5A	Data is not available	Data is not available	Oversupply
4/21/2024 10:20	0:01	KWP	0.00267	14.64000	Oversupply
4/21/2024 10:26	0:01	KWP	0.00533	9.36000	Oversupply
4/21/2024 10:27	0:03	5A	Data is not available	Data is not available	Oversupply
4/21/2024 10:31	0:05	5A	Data is not available	Data is not available	Oversupply
4/21/2024 10:35	0:01	KWP	0.00267	6.32000	Oversupply
4/21/2024 10:38	0:05	5A	Data is not available	Data is not available	Oversupply
4/21/2024 10:41	0:01	KWP	0.00267	6.80000	Oversupply
4/21/2024 10:44	0:02	5A	Data is not available	Data is not available	Oversupply
4/21/2024 10:47	0:03	5A	Data is not available	Data is not available	Oversupply
4/21/2024 10:51	0:07	5A	Data is not available	Data is not available	Oversupply
4/21/2024 10:57	0:01	KWP	0.00267	4.88000	Oversupply
4/21/2024 10:59	0:01	5A	Data is not available	Data is not available	Oversupply
4/21/2024 11:01	0:04	5A	Data is not available	Data is not available	Oversupply
4/21/2024 11:01	0:01	KWP	0.00171	3.92000	Oversupply
4/21/2024 11:03	0:01	KWP	0.00267	2.48000	Oversupply
4/21/2024 11:06	0:02	5A	Data is not available	Data is not available	Oversupply
4/21/2024 11:09	0:02	5A	Data is not available	Data is not available	Oversupply
4/21/2024 11:12	0:01	5A	Data is not available	Data is not available	Oversupply
4/21/2024 11:14	0:04	5A	Data is not available	Data is not available	Oversupply
4/21/2024 11:15	0:02	KWP	0.00267	0.08000	Oversupply
4/21/2024 11:19	2:29	5A	Data is not available	Data is not available	Oversupply
4/21/2024 11:31	0:01	KWP	0.00189	0.24000	Oversupply
4/21/2024 11:38	0:01	KWP	0.00189	0.24000	Oversupply
4/21/2024 12:21	0:01	KWP	0.00189	0.24000	Oversupply
4/21/2024 13:05	0:01	KWP	0.00189	0.24000	Oversupply
4/21/2024 13:07	0:01	KWP	0.00189	0.24000	Oversupply
4/21/2024 13:46	0:01	KWP	0.00133	0.08000	Oversupply
4/21/2024 14:13	0:05	5A	Data is not available	Data is not available	Oversupply
4/21/2024 14:19	0:04	5A	Data is not available	Data is not available	Oversupply
4/21/2024 14:19	0:01	KWP	0.00267	5.04000	Oversupply
4/21/2024 14:26	0:03	5A	Data is not available	Data is not available	Oversupply
4/21/2024 14:34	0:03	5A	Data is not available	Data is not available	Oversupply
4/21/2024 14:39	0:05	5A	Data is not available	Data is not available	Oversupply
4/21/2024 14:42	0:01	KWP	0.00267	10.16000	Oversupply
4/21/2024 14:45	0:02	5A	Data is not available	Data is not available	Oversupply
4/21/2024 16:10	0:15	AWE	0.83901	19.40000	Oversupply
4/21/2024 16:27	0:01	AWE	0.02916	15.50000	Oversupply
4/21/2024 16:29	0:04	AWE	0.09266	19.00000	Oversupply
4/21/2024 16:35	0:03	AWE	0.04736	19.10000	Oversupply
4/21/2024 16:39	0:03	AWE	0.03006	19.90000	Oversupply
4/21/2024 17:06	0:28	BS 250	Data is not available	Data is not available	Oversupply
4/21/2024 17:07	0:28	KWP	1.82136	18.03405	Oversupply
4/21/2024 17:07	0:28	17-2	0.11940	0.43500	Oversupply
4/21/2024 17:36	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/21/2024 17:36	0:03	KWP	0.01940	16.51516	Oversupply
4/21/2024 17:36	0:03	17-2	0.00712	0.15400	Oversupply
4/21/2024 17:40	0:01	KWP	0.00114	16.51516	Oversupply
4/21/2024 17:40	0:04	17-2	0.01807	0.29500	Oversupply
4/21/2024 17:41	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/21/2024 17:43	0:01	KWP	0.00526	16.51716	Oversupply
4/21/2024 18:53	0:38	KWP	3.81749	16.53512	Oversupply
4/21/2024 22:05	0:25	KWP	0.48725	18.06698	Oversupply
4/21/2024 22:31	7:29	KWP	76.87143	18.06100	Oversupply
4/22/2024 1:53	0:01	AWE	0.00014	3.20000	Oversupply
4/22/2024 1:55	0:03	AWE	0.01873	3.00000	Oversupply
4/22/2024 2:00	0:09	AWE	0.52811	9.10000	Oversupply
4/22/2024 2:10	0:01	AWE	0.00051	4.10000	Oversupply
4/22/2024 2:13	0:01	AWE	0.00441	4.10000	Oversupply
4/22/2024 2:15	0:02	AWE	0.00935	2.50000	Oversupply
4/22/2024 6:03	0:07	KWP	0.06218	16.53013	Oversupply
4/22/2024 6:23	0:01	KWP	0.01093	16.42834	Oversupply



Maui Curtailment Report

April 2024

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/22/2024 6:25	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/22/2024 6:25	0:01	KWP	0.00036	16.50818	Oversupply
4/22/2024 6:32	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/22/2024 6:33	0:01	KWP	0.00237	16.37645	Oversupply
4/22/2024 6:33	0:02	17-2	0.00057	0.02100	Oversupply
4/22/2024 6:55	9:28	BS 250	Data is not available	Data is not available	Oversupply
4/22/2024 6:56	9:28	KWP	127.05594	19.47709	Oversupply
4/22/2024 6:56	9:28	17-2	4.28650	0.75000	Oversupply
4/22/2024 7:42	6:45	AWE	48.69924	20.00000	Oversupply
4/22/2024 9:18	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 9:20	0:03	5A	Data is not available	Data is not available	Oversupply
4/22/2024 9:49	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 9:54	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 9:56	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 9:59	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 10:01	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 10:03	0:02	5A	Data is not available	Data is not available	Oversupply
4/22/2024 10:05	0:01	KWP	0.00267	12.08000	Oversupply
4/22/2024 10:08	0:02	5A	Data is not available	Data is not available	Oversupply
4/22/2024 10:11	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 10:13	0:02	5A	Data is not available	Data is not available	Oversupply
4/22/2024 10:16	0:05	5A	Data is not available	Data is not available	Oversupply
4/22/2024 10:22	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 10:24	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 10:28	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 10:37	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 11:16	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 11:19	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 11:27	0:04	5A	Data is not available	Data is not available	Oversupply
4/22/2024 11:32	0:02	5A	Data is not available	Data is not available	Oversupply
4/22/2024 11:32	0:01	KWP	0.00267	9.04000	Oversupply
4/22/2024 11:35	0:04	5A	Data is not available	Data is not available	Oversupply
4/22/2024 12:16	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 12:18	0:04	5A	Data is not available	Data is not available	Oversupply
4/22/2024 12:24	0:03	5A	Data is not available	Data is not available	Oversupply
4/22/2024 12:29	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 12:33	0:02	5A	Data is not available	Data is not available	Oversupply
4/22/2024 12:37	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 12:39	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 12:41	0:02	5A	Data is not available	Data is not available	Oversupply
4/22/2024 12:45	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 12:47	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 12:49	0:04	5A	Data is not available	Data is not available	Oversupply
4/22/2024 12:54	0:02	5A	Data is not available	Data is not available	Oversupply
4/22/2024 12:55	0:01	KWP	0.00533	8.24000	Oversupply
4/22/2024 12:57	0:03	5A	Data is not available	Data is not available	Oversupply
4/22/2024 12:59	0:01	KWP	0.00232	6.80000	Oversupply
4/22/2024 13:01	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 13:03	0:02	5A	Data is not available	Data is not available	Oversupply
4/22/2024 13:06	0:02	5A	Data is not available	Data is not available	Oversupply
4/22/2024 13:09	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 13:12	0:03	5A	Data is not available	Data is not available	Oversupply
4/22/2024 13:18	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 13:20	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 13:26	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 13:30	0:03	5A	Data is not available	Data is not available	Oversupply
4/22/2024 13:36	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 13:38	0:02	5A	Data is not available	Data is not available	Oversupply
4/22/2024 13:42	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 14:25	0:01	5A	Data is not available	Data is not available	Oversupply
4/22/2024 14:29	0:29	AWE	2.85981	17.50000	Oversupply
4/22/2024 15:00	0:01	AWE	0.04572	18.20000	Oversupply
4/22/2024 15:02	0:03	AWE	0.04660	19.00000	Oversupply
4/22/2024 15:07	0:02	AWE	0.00938	19.30000	Oversupply
4/22/2024 15:12	0:02	AWE	0.00900	18.40000	Oversupply
4/22/2024 15:21	0:01	AWE	0.00065	15.20000	Oversupply
4/22/2024 15:37	0:01	AWE	0.00590	17.80000	Oversupply
4/22/2024 15:39	0:04	AWE	0.13821	17.80000	Oversupply
4/22/2024 15:45	0:07	AWE	0.29571	16.40000	Oversupply
4/22/2024 15:56	0:05	AWE	0.17035	15.20000	Oversupply
4/22/2024 16:02	0:02	AWE	0.00933	9.10000	Oversupply
4/22/2024 16:29	1:24	BS 250	Data is not available	Data is not available	Oversupply
4/22/2024 16:30	1:23	KWP	13.76361	14.99627	Oversupply
4/22/2024 16:30	1:23	17-2	0.29065	0.52600	Oversupply
4/22/2024 16:41	0:06	AWE	0.15434	21.00000	Oversupply
4/22/2024 17:11	0:16	AWE	0.43162	21.00000	Oversupply
4/22/2024 18:07	0:18	BS 250	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

April 2024

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/22/2024 18:08	0:17	KWP	1.61802	16.53312	Oversupply
4/22/2024 18:08	0:17	17-2	0.01645	0.07500	Oversupply
4/22/2024 20:03	0:13	KWP	0.51865	15.00825	Oversupply
4/22/2024 20:25	0:04	KWP	0.04233	15.00526	Oversupply
4/22/2024 21:13	0:01	KWP	0.00011	15.00326	Oversupply
4/22/2024 21:15	0:04	KWP	0.05160	15.00526	Oversupply
4/22/2024 21:33	20:19	KWP	307.78467	19.58687	Oversupply
4/22/2024 22:31	0:01	AWE	0.00191	21.00000	Oversupply
4/22/2024 22:33	0:57	AWE	4.03755	21.00000	Oversupply
4/22/2024 23:31	0:01	AWE	0.00804	12.20000	Oversupply
4/22/2024 23:35	0:01	AWE	0.00029	10.90000	Oversupply
4/22/2024 23:39	5:36	AWE	46.44505	21.00000	Oversupply
4/23/2024 5:16	0:02	AWE	0.01487	19.10000	Oversupply
4/23/2024 5:19	0:01	AWE	0.00063	18.20000	Oversupply
4/23/2024 5:22	0:01	AWE	0.00160	18.20000	Oversupply
4/23/2024 5:29	0:01	AWE	0.00109	19.40000	Oversupply
4/23/2024 6:25	11:26	BS 250	Data is not available	Data is not available	Oversupply
4/23/2024 6:35	11:17	17-2	6.71044	0.75000	Oversupply
4/23/2024 7:05	0:02	AWE	0.00741	21.00000	Oversupply
4/23/2024 7:09	9:42	AWE	140.63176	21.00000	Oversupply
4/23/2024 8:51	0:07	5A	Data is not available	Data is not available	Oversupply
4/23/2024 8:56	0:02	KWP	0.00777	17.52000	Oversupply
4/23/2024 8:59	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 9:32	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 9:34	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 9:37	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 9:39	0:05	5A	Data is not available	Data is not available	Oversupply
4/23/2024 9:45	0:09	5A	Data is not available	Data is not available	Oversupply
4/23/2024 9:47	0:01	KWP	0.00248	15.12000	Oversupply
4/23/2024 9:50	0:01	KWP	0.00267	13.52000	Oversupply
4/23/2024 9:55	0:04	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:00	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:02	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:06	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:08	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:11	0:03	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:15	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:17	0:03	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:21	0:03	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:25	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:27	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:31	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:33	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:35	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:37	0:05	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:43	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:47	0:06	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:53	0:01	KWP	0.00267	9.68000	Oversupply
4/23/2024 10:54	0:07	5A	Data is not available	Data is not available	Oversupply
4/23/2024 10:58	0:01	KWP	0.00267	9.52000	Oversupply
4/23/2024 11:02	0:03	5A	Data is not available	Data is not available	Oversupply
4/23/2024 11:06	0:01	KWP	0.00267	8.24000	Oversupply
4/23/2024 11:11	0:04	5A	Data is not available	Data is not available	Oversupply
4/23/2024 11:14	0:01	KWP	0.00267	7.44000	Oversupply
4/23/2024 11:17	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 11:20	0:05	5A	Data is not available	Data is not available	Oversupply
4/23/2024 11:26	0:07	5A	Data is not available	Data is not available	Oversupply
4/23/2024 11:35	0:06	5A	Data is not available	Data is not available	Oversupply
4/23/2024 11:42	0:03	5A	Data is not available	Data is not available	Oversupply
4/23/2024 11:46	0:04	5A	Data is not available	Data is not available	Oversupply
4/23/2024 11:51	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 11:54	0:03	5A	Data is not available	Data is not available	Oversupply
4/23/2024 11:59	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 12:02	0:03	5A	Data is not available	Data is not available	Oversupply
4/23/2024 12:06	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 12:08	0:05	5A	Data is not available	Data is not available	Oversupply
4/23/2024 12:14	0:01	KWP	0.00267	3.12000	Oversupply
4/23/2024 12:15	0:04	5A	Data is not available	Data is not available	Oversupply
4/23/2024 12:21	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 12:23	0:06	5A	Data is not available	Data is not available	Oversupply
4/23/2024 12:30	0:01	KWP	0.00536	2.64000	Oversupply
4/23/2024 12:31	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 12:33	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 12:37	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 12:43	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 12:45	0:07	5A	Data is not available	Data is not available	Oversupply
4/23/2024 12:51	0:01	KWP	0.00267	1.68000	Oversupply



Maui Curtailment Report

April 2024

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/23/2024 12:53	0:05	5A	Data is not available	Data is not available	Oversupply
4/23/2024 12:59	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 13:02	0:04	5A	Data is not available	Data is not available	Oversupply
4/23/2024 13:12	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 13:15	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 13:19	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 13:24	0:07	5A	Data is not available	Data is not available	Oversupply
4/23/2024 13:32	0:03	5A	Data is not available	Data is not available	Oversupply
4/23/2024 13:36	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 13:39	0:03	5A	Data is not available	Data is not available	Oversupply
4/23/2024 13:45	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 13:48	0:04	5A	Data is not available	Data is not available	Oversupply
4/23/2024 13:53	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 13:56	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 13:58	0:03	5A	Data is not available	Data is not available	Oversupply
4/23/2024 14:02	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 14:04	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 14:08	0:04	5A	Data is not available	Data is not available	Oversupply
4/23/2024 14:15	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 14:19	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 14:23	0:03	5A	Data is not available	Data is not available	Oversupply
4/23/2024 14:53	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 14:56	0:02	5A	Data is not available	Data is not available	Oversupply
4/23/2024 14:56	0:01	KWP	0.00267	14.96000	Oversupply
4/23/2024 15:00	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 15:02	0:01	5A	Data is not available	Data is not available	Oversupply
4/23/2024 17:56	0:01	17-2	0.00741	0.75000	Oversupply
4/23/2024 20:48	0:25	KWP/II	1.33144	18.06499	Oversupply
4/23/2024 20:48	0:26	17-2	0.31505	0.75000	Oversupply
4/23/2024 21:37	0:07	17-2	0.05168	0.75000	Oversupply
4/23/2024 21:40	0:02	KWP/II	0.00866	19.58487	Oversupply
4/23/2024 22:16	1:23	17-2	1.03154	0.75000	Oversupply
4/23/2024 22:17	7:51	KWP/II	110.37518	18.06000	Oversupply
4/23/2024 23:05	0:04	AWE	0.01333	21.00000	Oversupply
4/23/2024 23:11	0:02	AWE	0.00668	21.00000	Oversupply
4/23/2024 23:52	0:01	AWE	0.00434	20.40000	Oversupply
4/24/2024 0:01	0:11	AWE	0.18705	20.40000	Oversupply
4/24/2024 0:13	0:01	AWE	0.01191	18.30000	Oversupply
4/24/2024 0:16	0:11	AWE	0.30216	19.40000	Oversupply
4/24/2024 0:28	0:15	AWE	0.21121	19.50000	Oversupply
4/24/2024 0:45	0:01	AWE	0.00656	16.70000	Oversupply
4/24/2024 0:51	0:02	AWE	0.02246	17.50000	Oversupply
4/24/2024 0:55	0:02	AWE	0.01480	16.60000	Oversupply
4/24/2024 0:58	0:01	AWE	0.00763	16.40000	Oversupply
4/24/2024 1:00	0:05	AWE	0.07614	17.00000	Oversupply
4/24/2024 1:06	4:00	AWE	14.52644	21.00000	Oversupply
4/24/2024 5:08	0:01	AWE	0.00007	19.90000	Oversupply
4/24/2024 6:35	6:49	BS 250	Data is not available	Data is not available	Oversupply
4/24/2024 6:36	6:48	KWP/II	66.55616	18.05501	Oversupply
4/24/2024 6:38	6:46	17-2	1.81736	0.75000	Oversupply
4/24/2024 9:40	0:03	AWE	0.01516	21.00000	Oversupply
4/24/2024 9:48	0:14	AWE	0.63139	21.00000	Oversupply
4/24/2024 10:03	0:01	AWE	0.00485	20.90000	Oversupply
4/24/2024 10:09	0:02	AWE	0.01315	21.00000	Oversupply
4/24/2024 10:14	2:23	AWE	11.13745	21.00000	Oversupply
4/24/2024 12:44	0:01	AWE	0.00541	21.00000	Oversupply
4/24/2024 12:50	0:11	AWE	0.34210	21.00000	Oversupply
4/24/2024 13:12	0:01	AWE	0.00574	20.90000	Oversupply
4/24/2024 13:30	1:26	17-2	0.71016	0.75000	Oversupply
4/24/2024 13:31	0:41	BS 250	Data is not available	Data is not available	Oversupply
4/24/2024 13:32	0:41	KWP/II	4.16177	14.01828	Oversupply
4/24/2024 14:13	0:04	BS 250	Data is not available	Data is not available	Oversupply
4/24/2024 14:14	0:10	KWP/II	0.16400	13.10714	Oversupply
4/24/2024 14:18	0:04	BS 250	Data is not available	Data is not available	Oversupply
4/24/2024 14:23	0:06	BS 250	Data is not available	Data is not available	Oversupply
4/24/2024 14:25	0:05	KWP/II	0.11844	12.10220	Oversupply
4/24/2024 14:31	0:10	BS 250	Data is not available	Data is not available	Oversupply
4/24/2024 14:32	0:01	KWP/II	0.01228	10.59529	Oversupply
4/24/2024 14:34	0:08	KWP/II	0.19269	13.29077	Oversupply
4/24/2024 14:42	0:05	BS 250	Data is not available	Data is not available	Oversupply
4/24/2024 14:43	0:04	KWP/II	0.10199	13.02731	Oversupply
4/24/2024 14:48	0:08	BS 250	Data is not available	Data is not available	Oversupply
4/24/2024 14:48	0:08	KWP/II	0.18849	13.45643	Oversupply
4/24/2024 14:57	0:01	17-2	0.00200	0.71700	Oversupply
4/24/2024 14:59	0:01	17-2	0.00515	0.30900	Oversupply
4/24/2024 16:11	1:12	BS 250	Data is not available	Data is not available	Oversupply
4/24/2024 16:11	1:14	17-2	0.14282	0.50200	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/24/2024 16:12	0:15	KWPPI	0.64321	14.83560	Oversupply
4/24/2024 16:29	0:56	KWPPI	4.22451	15.00126	Oversupply
4/24/2024 17:24	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/24/2024 21:37	0:01	KWPPI	0.00037	15.00925	Oversupply
4/24/2024 21:39	8:08	KWPPI	63.84408	15.00925	Oversupply
4/25/2024 6:54	8:51	BS 250	Data is not available	Data is not available	Oversupply
4/25/2024 6:55	0:14	17-2	0.00653	0.03600	Oversupply
4/25/2024 6:55	8:48	KWPPI	96.59776	18.29152	Oversupply
4/25/2024 7:12	8:33	17-2	2.77862	0.75000	Oversupply
4/25/2024 8:41	0:01	AWE	0.00007	21.00000	Oversupply
4/25/2024 8:43	0:04	AWE	0.06315	21.00000	Oversupply
4/25/2024 8:48	0:01	AWE	0.00233	21.00000	Oversupply
4/25/2024 10:18	0:18	AWE	0.87777	21.00000	Oversupply
4/25/2024 10:37	0:06	AWE	0.07656	21.00000	Oversupply
4/25/2024 10:51	0:02	AWE	0.00298	21.00000	Oversupply
4/25/2024 10:58	0:03	AWE	0.04107	21.00000	Oversupply
4/25/2024 11:02	0:05	AWE	0.13681	21.00000	Oversupply
4/25/2024 11:09	2:52	AWE	24.24746	21.00000	Oversupply
4/25/2024 14:02	0:21	AWE	0.82527	21.00000	Oversupply
4/25/2024 14:57	0:03	AWE	0.01956	21.00000	Oversupply
4/25/2024 15:44	0:01	KWPPI	0.00569	13.39855	Oversupply
4/25/2024 15:46	0:18	BS 250	Data is not available	Data is not available	Oversupply
4/25/2024 15:46	0:19	17-2	0.08238	0.55800	Oversupply
4/25/2024 15:47	0:17	KWPPI	0.83045	14.53422	Oversupply
4/25/2024 16:11	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/25/2024 16:11	0:02	17-2	0.00550	0.16500	Oversupply
4/25/2024 16:12	0:01	KWPPI	0.00944	17.11294	Oversupply
4/25/2024 16:18	0:04	BS 250	Data is not available	Data is not available	Oversupply
4/25/2024 16:19	0:02	KWPPI	0.03439	14.58911	Oversupply
4/25/2024 16:19	0:04	17-2	0.01278	0.23000	Oversupply
4/25/2024 16:28	0:01	KWPPI	0.00042	13.89254	Oversupply
4/25/2024 16:28	0:01	17-2	0.00517	0.31000	Oversupply
4/25/2024 16:30	0:45	BS 250	Data is not available	Data is not available	Oversupply
4/25/2024 16:30	0:47	17-2	0.21437	0.53300	Oversupply
4/25/2024 16:31	0:44	KWPPI	3.55289	18.04303	Oversupply
4/25/2024 20:58	0:01	KWPPI	0.00467	17.77658	Oversupply
4/25/2024 21:30	4:15	KWPPI	46.64602	18.05900	Oversupply
4/25/2024 23:56	0:05	AWE	0.03159	21.00000	Oversupply
4/26/2024 0:02	0:14	AWE	0.22664	21.00000	Oversupply
4/26/2024 1:46	0:01	KWPPI	0.00125	8.89877	Oversupply
4/26/2024 1:48	0:01	KWPPI	0.00430	9.10634	Oversupply
4/26/2024 1:52	0:07	KWPPI	0.12943	11.89064	Oversupply
4/26/2024 2:00	0:06	KWPPI	0.04890	10.72602	Oversupply
4/26/2024 2:42	0:01	AWE	0.00057	21.00000	Oversupply
4/26/2024 2:44	0:01	AWE	0.00557	21.00000	Oversupply
4/26/2024 4:33	0:01	KWPPI	0.00043	0.02595	Oversupply
4/26/2024 4:41	0:02	KWPPI	0.01056	1.99591	Oversupply
4/26/2024 4:45	0:03	KWPPI	0.03381	3.12061	Oversupply
4/26/2024 4:50	0:02	KWPPI	0.00980	3.42897	Oversupply
4/26/2024 4:57	0:07	KWPPI	0.13349	6.84198	Oversupply
4/26/2024 9:21	0:01	KWPPI	0.00098	0.07884	Oversupply
4/26/2024 9:34	0:01	17-2	0.00068	0.13800	Oversupply
4/26/2024 11:20	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/26/2024 11:21	0:01	AWE	0.00024	21.00000	Oversupply
4/26/2024 11:21	0:04	17-2	0.00742	0.18600	Oversupply
4/26/2024 11:23	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/26/2024 11:24	0:01	AWE	0.00188	21.00000	Oversupply
4/26/2024 11:26	0:01	17-2	0.00200	0.12000	Oversupply
4/26/2024 11:34	2:09	BS 250	Data is not available	Data is not available	Oversupply
4/26/2024 11:34	2:12	17-2	0.89118	0.75000	Oversupply
4/26/2024 11:35	2:07	AWE	15.34271	21.00000	Oversupply
4/26/2024 12:01	0:06	KWPPI	0.01954	0.47602	Oversupply
4/26/2024 12:08	0:41	KWPPI	0.47084	1.90909	Oversupply
4/26/2024 13:03	0:06	KWPPI	0.00827	0.19959	Oversupply
4/26/2024 13:12	0:17	KWPPI	0.04448	0.33631	Oversupply
4/26/2024 13:30	0:13	KWPPI	0.07395	0.63171	Oversupply
4/26/2024 13:47	0:01	17-2	0.00259	0.37100	Oversupply
4/26/2024 14:04	0:01	17-2	0.00375	0.22500	Oversupply
4/26/2024 14:09	2:07	BS 250	Data is not available	Data is not available	Oversupply
4/26/2024 14:10	2:02	17-2	0.90333	0.75000	Oversupply
4/26/2024 14:12	0:31	AWE	1.67833	21.00000	Oversupply
4/26/2024 14:18	1:54	KWPPI	8.55441	15.47729	Oversupply
4/26/2024 16:14	0:02	KWPPI	0.03205	15.06314	Oversupply
4/26/2024 16:14	0:02	17-2	0.00370	0.11900	Oversupply
4/27/2024 8:32	0:05	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 8:33	0:05	17-2	0.00809	0.13700	Oversupply
4/27/2024 8:34	0:01	AWE	0.00807	21.00000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/27/2024 9:13	2:15	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 9:13	2:15	17-2	0.96820	0.75000	Oversupply
4/27/2024 9:14	2:13	AWE	14.69506	21.00000	Oversupply
4/27/2024 10:20	0:02	KWPPI	0.00328	0.13971	Oversupply
4/27/2024 11:02	0:26	KWPPI	0.46611	2.90305	Oversupply
4/27/2024 11:30	0:44	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 11:30	0:44	KWPPI	4.69286	11.44355	Oversupply
4/27/2024 11:30	0:44	17-2	0.31007	0.75000	Oversupply
4/27/2024 11:39	0:10	AWE	0.30479	21.00000	Oversupply
4/27/2024 11:52	0:10	AWE	0.46244	21.00000	Oversupply
4/27/2024 12:15	0:01	17-2	0.00486	0.47600	Oversupply
4/27/2024 12:18	0:05	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 12:19	0:05	KWPPI	0.08956	9.67019	Oversupply
4/27/2024 12:19	0:05	17-2	0.03253	0.48500	Oversupply
4/27/2024 12:31	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 12:31	0:02	KWPPI	0.01811	7.22520	Oversupply
4/27/2024 12:31	0:02	17-2	0.00962	0.32700	Oversupply
4/27/2024 12:34	0:05	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 12:34	0:02	17-2	0.01220	0.37500	Oversupply
4/27/2024 12:35	0:01	KWPPI	0.00701	7.34894	Oversupply
4/27/2024 12:37	0:03	17-2	0.01127	0.25600	Oversupply
4/27/2024 12:38	0:02	KWPPI	0.00996	7.88385	Oversupply
4/27/2024 12:43	0:08	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 12:44	0:08	KWPPI	0.48733	9.90670	Oversupply
4/27/2024 12:44	0:08	17-2	0.02573	0.27100	Oversupply
4/27/2024 12:57	0:14	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 12:57	0:04	17-2	0.00834	0.17300	Oversupply
4/27/2024 13:02	0:10	17-2	0.05160	0.50800	Oversupply
4/27/2024 13:03	0:09	KWPPI	0.35368	10.12525	Oversupply
4/27/2024 13:15	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 13:15	0:03	17-2	0.01270	0.35800	Oversupply
4/27/2024 13:16	0:01	KWPPI	0.01847	10.50647	Oversupply
4/27/2024 13:40	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 13:41	0:01	KWPPI	0.00474	11.32180	Oversupply
4/27/2024 13:41	0:01	17-2	0.00885	0.53100	Oversupply
4/27/2024 13:43	0:01	KWPPI	0.00260	11.62019	Oversupply
4/27/2024 13:43	0:01	17-2	0.00625	0.37500	Oversupply
4/27/2024 13:45	0:06	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 13:45	0:14	17-2	0.11254	0.75000	Oversupply
4/27/2024 13:46	0:07	KWPPI	0.12797	12.11917	Oversupply
4/27/2024 13:52	0:06	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 13:54	0:05	KWPPI	0.15606	10.75596	Oversupply
4/27/2024 14:04	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 14:04	0:07	17-2	0.02193	0.26500	Oversupply
4/27/2024 14:06	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 14:07	0:01	KWPPI	0.00598	11.95051	Oversupply
4/27/2024 14:10	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 14:12	0:13	BS 250	Data is not available	Data is not available	Oversupply
4/27/2024 14:13	0:12	KWPPI	0.68318	10.77093	Oversupply
4/27/2024 14:13	0:12	17-2	0.05878	0.46100	Oversupply
4/27/2024 14:29	0:01	17-2	0.00274	0.48200	Oversupply
4/28/2024 8:19	0:11	17-2	0.06517	0.48900	Oversupply
4/28/2024 8:22	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/28/2024 8:24	5:55	BS 250	Data is not available	Data is not available	Oversupply
4/28/2024 8:25	0:02	AWE	0.00965	21.00000	Oversupply
4/28/2024 8:29	0:01	AWE	0.00224	19.80000	Oversupply
4/28/2024 8:31	5:44	AWE	39.68765	21.00000	Oversupply
4/28/2024 8:31	5:47	17-2	3.93258	0.75000	Oversupply
4/28/2024 10:34	0:01	KWPPI	0.00023	0.01397	Oversupply
4/28/2024 11:11	0:03	KWPPI	0.00183	0.09281	Oversupply
4/28/2024 12:48	0:34	KWPPI	0.12142	0.47103	Oversupply
4/28/2024 13:27	0:03	KWPPI	0.00559	0.13672	Oversupply
4/28/2024 13:31	0:01	KWPPI	0.00037	0.02196	Oversupply
4/28/2024 13:35	0:01	KWPPI	0.00053	0.03193	Oversupply
4/28/2024 14:15	0:03	KWPPI	0.01114	0.35028	Oversupply
4/28/2024 14:16	0:02	AWE	0.00785	17.60000	Oversupply
4/28/2024 14:19	0:02	AWE	0.00732	18.50000	Oversupply
4/28/2024 14:19	0:06	17-2	0.06888	0.75000	Oversupply
4/28/2024 14:20	0:04	BS 250	Data is not available	Data is not available	Oversupply
4/28/2024 14:20	0:01	KWPPI	0.00200	0.11975	Oversupply
4/28/2024 14:22	0:01	AWE	0.00584	19.90000	Oversupply
4/28/2024 15:06	0:01	KWPPI	0.00153	0.09181	Oversupply
4/28/2024 15:51	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/28/2024 15:51	0:01	KWPPI	0.00265	0.94906	Oversupply
4/28/2024 15:51	0:10	17-2	0.10147	0.75000	Oversupply
4/28/2024 15:53	0:01	KWPPI	0.00462	0.45008	Oversupply
4/28/2024 15:55	0:05	BS 250	Data is not available	Data is not available	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
4/28/2024 15:56	0:05	KWPPI	0.02538	0.79138	Oversupply
4/28/2024 15:58	0:01	AWE	0.00154	20.10000	Oversupply
4/28/2024 17:48	0:01	KWPPI	0.00037	0.02196	Oversupply
4/28/2024 22:07	0:01	KWPPI	0.00002	0.00100	Oversupply
4/29/2024 12:44	0:10	17-2	0.03858	0.55300	Oversupply
4/29/2024 12:47	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/29/2024 12:47	0:01	KWPPI	0.00092	0.23352	Oversupply
4/29/2024 12:49	0:03	KWPPI	0.00553	0.34030	Oversupply
4/29/2024 12:51	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 1:43	0:02	KWPPI	0.01471	6.29410	Oversupply
4/30/2024 1:54	0:01	KWPPI	0.00778	7.79802	Oversupply
4/30/2024 11:07	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 11:07	0:18	17-2	0.18905	0.75000	Oversupply
4/30/2024 11:09	0:14	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 11:10	0:13	KWPPI	0.26325	2.55077	Oversupply
4/30/2024 11:16	0:01	AWE	0.00274	18.80000	Oversupply
4/30/2024 11:18	0:01	AWE	0.00699	18.20000	Oversupply
4/30/2024 11:28	0:01	17-2	0.00703	0.42200	Oversupply
4/30/2024 11:32	0:07	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 11:32	0:07	17-2	0.05378	0.75000	Oversupply
4/30/2024 11:33	0:06	KWPPI	0.13304	3.45891	Oversupply
4/30/2024 11:50	0:10	17-2	0.07237	0.75000	Oversupply
4/30/2024 11:52	0:06	KWPPI	0.09193	4.44389	Oversupply
4/30/2024 11:53	0:04	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 11:58	0:32	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 11:59	0:56	KWPPI	2.12050	4.09162	Oversupply
4/30/2024 12:03	0:01	AWE	0.00215	15.70000	Oversupply
4/30/2024 12:06	0:02	AWE	0.01218	14.30000	Oversupply
4/30/2024 12:10	0:04	AWE	0.03423	13.70000	Oversupply
4/30/2024 12:15	0:05	AWE	0.07617	14.00000	Oversupply
4/30/2024 12:21	0:03	AWE	0.02997	13.70000	Oversupply
4/30/2024 12:27	0:02	AWE	0.00237	12.90000	Oversupply
4/30/2024 12:31	0:30	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 12:44	0:04	AWE	0.04718	13.20000	Oversupply
4/30/2024 12:49	0:02	AWE	0.01302	12.80000	Oversupply
4/30/2024 12:52	0:11	AWE	0.14786	13.90000	Oversupply
4/30/2024 12:58	0:02	KWPPI	0.00181	0.10678	Oversupply
4/30/2024 13:02	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 13:04	0:06	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 13:07	0:04	KWPPI	0.00883	0.24450	Oversupply
4/30/2024 13:07	0:07	AWE	0.06296	12.70000	Oversupply
4/30/2024 13:11	0:05	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 13:15	0:02	AWE	0.01947	11.30000	Oversupply
4/30/2024 13:17	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 13:18	0:02	AWE	0.00348	12.50000	Oversupply
4/30/2024 13:23	0:03	AWE	0.00946	14.90000	Oversupply
4/30/2024 13:24	0:07	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 13:25	0:07	KWPPI	0.01602	0.32733	Oversupply
4/30/2024 13:28	0:04	AWE	0.04301	15.80000	Oversupply
4/30/2024 13:32	0:01	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 13:33	0:01	AWE	0.00466	16.40000	Oversupply
4/30/2024 13:33	0:01	KWPPI	0.00216	0.15967	Oversupply
4/30/2024 13:35	0:01	AWE	0.00608	16.60000	Oversupply
4/30/2024 13:35	0:01	KWPPI	0.00249	0.14969	Oversupply
4/30/2024 13:37	0:03	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 13:37	0:01	AWE	0.00927	16.80000	Oversupply
4/30/2024 13:37	0:03	KWPPI	0.00522	0.16766	Oversupply
4/30/2024 13:39	0:01	AWE	0.00398	16.50000	Oversupply
4/30/2024 13:41	0:02	BS 250	Data is not available	Data is not available	Oversupply
4/30/2024 13:41	0:01	AWE	0.00322	16.10000	Oversupply
4/30/2024 13:41	0:01	KWPPI	0.00378	0.24949	Oversupply

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Chu, Michael

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Sent: Thursday, May 23, 2024 9:47 AM
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