



February 23, 2021

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 January 2021 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 Marisa Chun at marisa.chun@hawaiianelectric.com.

Sincerely,

/s/ Kevin M. Katsura

Kevin M. Katsura
Director, Regulatory Non-Rate Proceedings

Enclosures

c: Service List

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

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

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

The following provides information with respect to items 1a) through 1b) – (all statements are current as of the month ending January 31, 2021):

1a) Frequency duration plot based on the highest resolution SCADA data available for the month detailing how many seconds each power system operated at frequencies above 60 hertz and at frequencies below 60 Hz:

The frequency duration plots for Hawaiian Electric Company, Inc., Maui Electric Company, Limited (Maui Division) and Hawai'i Electric Light Company, Inc. based on two-second data are provided in Attachment 1, and the enclosed Excel files. Refer to the electronic files for the individual data points because the information is voluminous and does not translate well to a hard copy.

1b) Tabulation of the number, magnitude and duration of frequency excursions (high and low) outside normal frequency control range (59.95 to 60.05 Hz):

Tabulation of the number, magnitude and duration of frequency excursions outside of the frequency range of 59.95 Hz to 60.05 Hz for Hawaiian Electric Company, Inc., Maui Electric Company, Limited (Maui Division) and Hawai'i Electric Light Company, Inc are provided in Attachment 2, and the enclosed Excel files. Refer to the electronic files for the individual data points because the information is voluminous and does not translate well to a hard copy.

- (2) Significant system events during month:
 - a) Tabulation of contingency reserve activations including date and time, MW magnitude, duration, and triggering event.
 - b) Tabulation of under frequency load shed activations including date and time, triggering frequency, MW magnitude, duration, and triggering event.
 - c) Tabulation of demand response activations for system events, including date and time, MW magnitude, duration, and triggering event, (excluding demand response utilization for unit commitment deferral or system operations economics.)

The following provides information with respect to items 2a) through 2c) – (all statements are current as of the month ending January 31, 2021):

2a) Tabulation of contingency reserve activations including date and time, MW magnitude, duration, and triggering event:

Hawaiian Electric Company, Inc.'s did not have any contingency reserve activations for the month of January. Maui Electric Company, Limited and Hawai'i Electric Light Company, Inc. do not operate with contingency reserve requirements. Therefore, Attachment 3 is not being provided for this reporting period.

2b) Tabulation of under frequency load shed activations including date and time, triggering frequency, MW magnitude, duration, and triggering event:

Maui Electric Company, Limited's frequency load shed activations are provided in Attachment 4. Hawaiian Electric Company, Inc. and Hawai'i Electric Light Company, Inc did not have any under frequency load shed activations in the month of January.

2c) Tabulation of demand response activations for system events, including date and time, MW magnitude, duration, and triggering event, (excluding demand response utilization for unit commitment deferral or system operations economics.)

Hawaiian Electric Company, Inc. did not have any demand response activations for system events for the month of January. Hawai'i Electric Light Company, Inc. currently does not have a demand response program. Maui Electric Company, Limited has implemented the Fast Demand Response pilot program on a limited basis. Hawai'i Electric Light Company, Inc. plans to use the findings of Maui Electric Company, Limited's pilot program to help in the evaluation and development of future demand response programs. Maui Electric Company, Limited executes a weekly testing protocol which measures customer participation. This program is not currently used in response to actual system events. Therefore, Attachment 5 is not being provided for this reporting period.

- (3) Curtailment of non-dispatchable renewable resources:
- (a) Tabulation of each curtailment event for each resource including the starting date and time, duration, megawatt hours curtailed, peak MW curtailed, and reason for curtailment.
 - (b) Total MWh of non-dispatchable renewable resources curtailed for the month.

The following provides information with respect to items 3a) through 3b) – (all statements are current as of the month ending January 31, 2021):

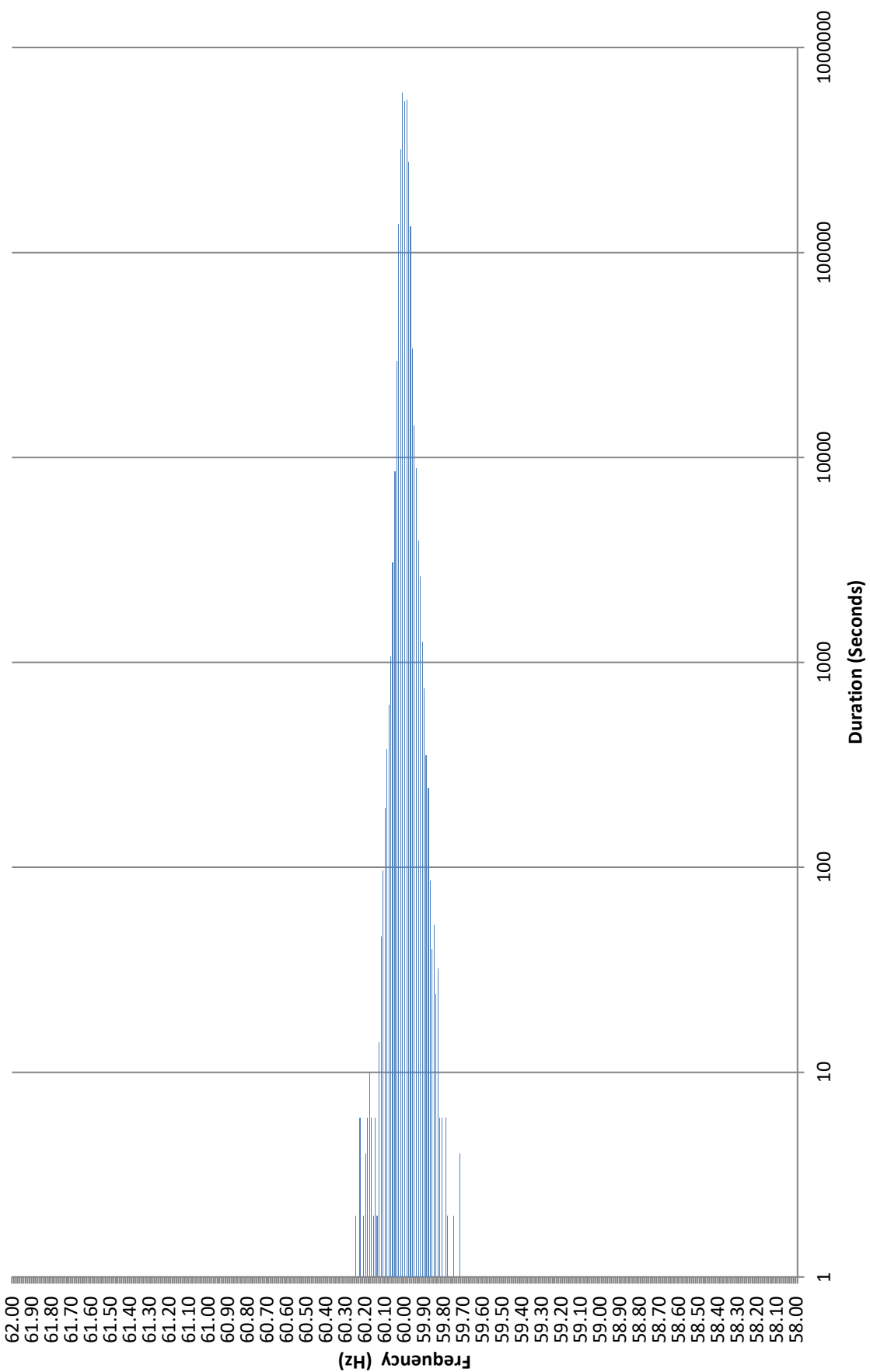
3a) Tabulation of each curtailment event for each resource including the starting date and time, duration, megawatt hours curtailed, peak MW curtailed, and reason for curtailment:

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

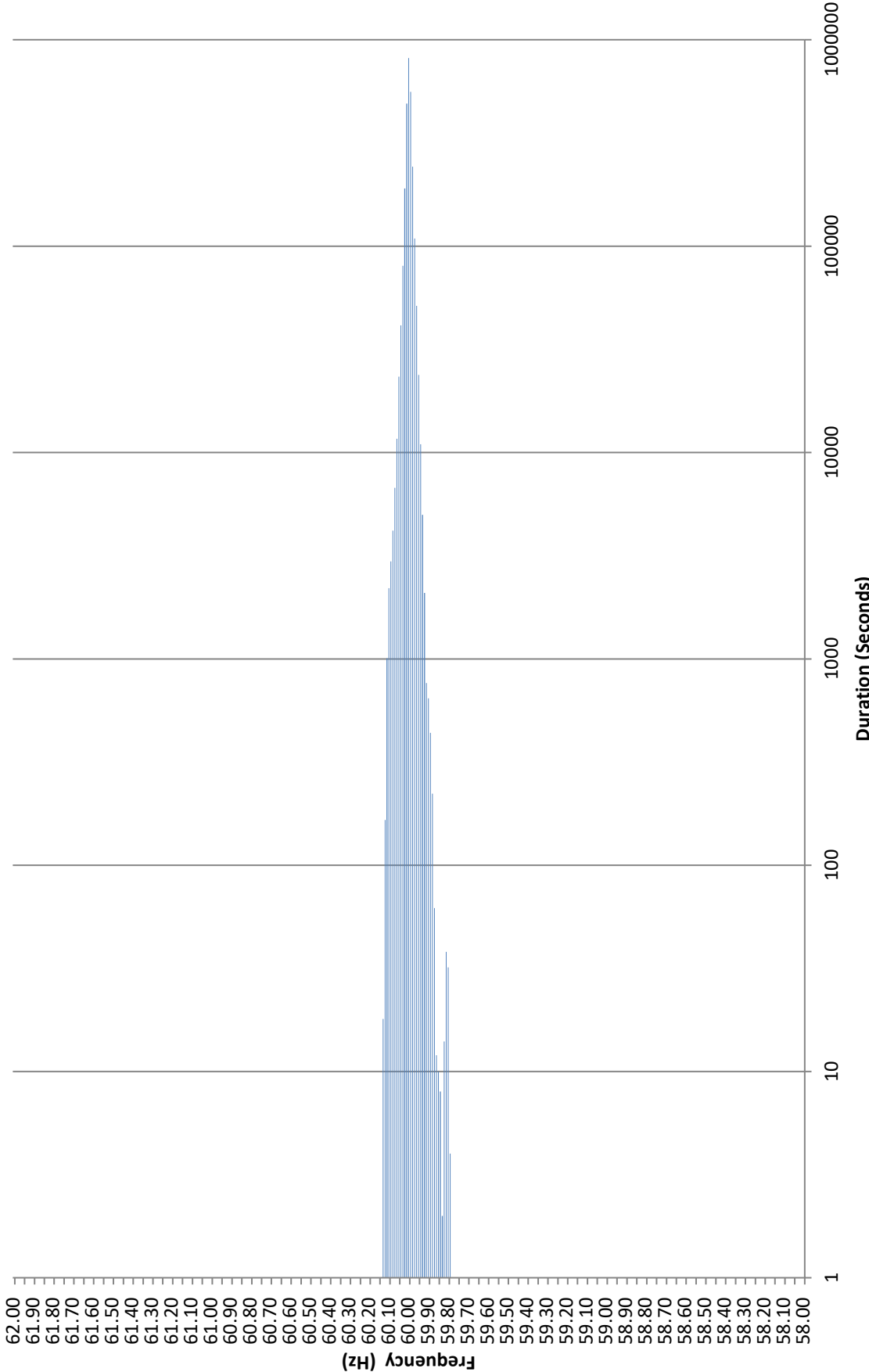
3b) Total MWh of non-dispatchable renewable resources curtailed for the month:

Curtailed MWh from non-dispatchable resources are difficult to determine due to the variability of the resource during curtailment periods. In some cases, the curtailed MWh estimates were provided by the IPPs under curtailment. The Company does not make any representations as to the accuracy of the curtailed MWh. The estimated MWh of non-dispatchable resources curtailed for the month are provided in Attachment 6, corresponding to each curtailment event.

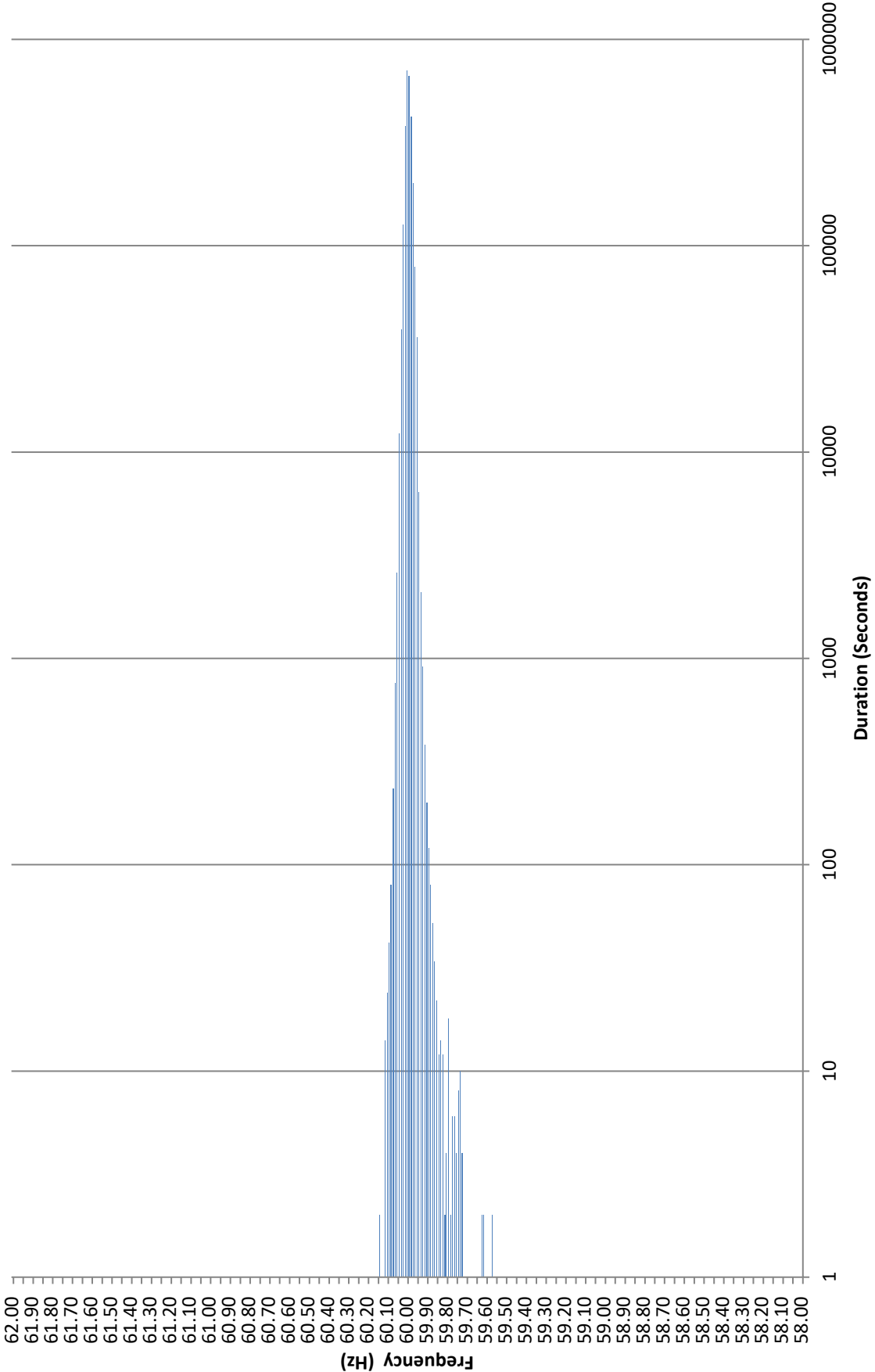
**Frequency Distribution Plot - Hawaiian Electric Company, Inc.
January 2021**



**Frequency Distribution Plot - Maui Electric Company, Limited
January 2021**



**Frequency Distribution Plot - Hawai'i Electric Light Company, Inc.
January 2021**



Hawaiian Electric Company, Inc. Frequency Excursion Statistics January 2021		
Data Rounded to the nearest	<59.95 Hz	>60.05 Hz
Number of Excursions	1432	548
Maximum Duration (sec)	458	670
Maximum Deviation (Hz)	59.724	60.249
Total Duration of Excursions (sec)	23418	7806

Maui Electric Company, Limited Frequency Excursion Statistics January 2021		
	<59.95 Hz	>60.05 Hz
Number of Excursions	4959	3740
Maximum Duration (sec)	372	1418
Maximum Deviation (Hz)	59.786	60.133
Total Duration of Excursions (sec)	29950	38152

Hawaii Electric Light Company, Inc. Frequency Excursion Statistics January 2021		
	<59.95 Hz	>60.05 Hz
Number of Excursions	4785	429
Maximum Duration (sec)	140	84
Maximum Deviation (Hz)	59.574	60.140
Total Duration of Excursions (sec)	28066	1962

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Hawaiian Electric Company, Inc. Curtailment Report January 2021

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
01/04/21 08:45	0.0	0.10	01/04/21 10:50	0	*	MFO	System Constraints
01/04/21 08:52	0.0	3.00	01/04/21 10:48	0	*	KWF	System Constraints
01/04/21 08:56	0.0	0.00	01/04/21 10:47	0	*	KWMakai	System Constraints
01/04/21 08:57	0.0	0.10	01/04/21 10:47	0	*	KWMauka	System Constraints
01/04/21 09:01	0.0	4.00	01/04/21 10:40	0	*	KSMakai	System Constraints
01/04/21 09:01	0.0	3.80	01/04/21 10:40	0	*	KSMauka	System Constraints
01/04/21 15:40	0.0	1.20	01/04/21 17:42	0	*	MFO	System Constraints
01/04/21 15:51	0.0	1.90	01/04/21 18:00	0	*	KWF	System Constraints
01/04/21 15:54	0.0	16.00	01/04/21 17:39	0	*	KWMauka	System Constraints
01/04/21 15:54	0.0	4.00	01/04/21 17:39	0	*	KWMakai	System Constraints
01/04/21 15:56	0.0	14.00	01/04/21 17:40	0	*	KSMakai	System Constraints
01/04/21 15:57	0.0	21.00	01/04/21 17:40	0	*	KSMauka	System Constraints
01/05/21 07:14	0.0	0.00	01/05/21 11:09	0	*	KSMauka	System Constraints
01/05/21 07:26	0.0	-8.42	01/05/21 07:55	0	*	NPM	System Constraints
01/05/21 09:09	0.0	0.00	01/05/21 20:27	0	*	KWMakai	System Constraints
01/05/21 09:22	0.0	0.00	01/05/21 20:38	0	*	MFO	System Constraints
01/05/21 10:53	0.0	0.00	01/05/21 20:36	0	*	KSMakai	System Constraints
01/05/21 14:36	0.0	10.10	01/05/21 15:05	0	*	NPM	System Constraints
01/05/21 18:38	0.0	0.10	01/05/21 20:36	0	*	KSMauka	System Constraints
01/05/21 18:40	0.0	2.80	01/05/21 20:26	0	*	KWMauka	System Constraints
01/06/21 06:40	0.0	0.00	01/06/21 09:09	0	*	MFO	System Constraints
01/06/21 06:45	0.0	0.00	01/06/21 08:54	0	*	KWMakai	System Constraints
01/06/21 06:48	0.0	0.00	01/06/21 09:06	0	*	KWMauka	System Constraints
01/06/21 06:49	0.0	0.00	01/06/21 08:55	0	*	KSMakai	System Constraints
01/06/21 06:50	0.0	0.00	01/06/21 08:56	0	*	KSMauka	System Constraints
01/06/21 06:54	0.0	2.10	01/06/21 09:13	0	*	KWF	System Constraints
01/06/21 16:13	0.0	0.40	01/06/21 17:34	0	*	MFO	System Constraints
01/06/21 16:21	0.0	5.30	01/06/21 17:51	0	*	KWF	System Constraints
01/06/21 16:36	0.0	2.60	01/06/21 17:30	0	*	KWMakai	System Constraints
01/06/21 16:36	0.0	7.70	01/06/21 17:30	0	*	KWMauka	System Constraints
01/06/21 16:41	0.0	10.80	01/06/21 17:28	0	*	KSMakai	System Constraints
01/06/21 16:42	0.0	11.60	01/06/21 17:28	0	*	KSMauka	System Constraints
01/07/21 08:44	0.0	0.40	01/07/21 10:26	0	*	MFO	System Constraints
01/07/21 08:47	0.0	6.60	01/07/21 10:33	0	*	KWF	System Constraints
01/07/21 08:57	0.0	1.90	01/07/21 10:05	0	*	KWMakai	System Constraints
01/07/21 08:57	0.0	4.80	01/07/21 10:05	0	*	KWMauka	System Constraints
01/07/21 09:00	0.0	10.70	01/07/21 10:21	0	*	KSMakai	System Constraints
01/07/21 09:00	0.0	7.20	01/07/21 10:22	0	*	KSMauka	System Constraints
01/07/21 17:33	0.0	0.10	01/07/21 18:40	0	*	MFO	System Constraints
01/07/21 17:38	0.0	0.10	01/07/21 18:43	0	*	KWMakai	System Constraints
01/07/21 17:38	0.0	0.10	01/07/21 18:44	0	*	KWMauka	System Constraints
01/07/21 17:40	0.0	0.10	01/07/21 18:46	0	*	KSMakai	System Constraints
01/07/21 17:40	0.0	0.10	01/07/21 18:46	0	*	KSMauka	System Constraints
01/07/21 17:50	0.0	0.20	01/07/21 18:57	0	*	KWF	System Constraints
01/09/21 07:51	0.0	0.20	01/09/21 09:05	0	*	MFO	System Constraints
01/09/21 07:54	0.0	0.00	01/09/21 09:07	0	*	NPM	System Constraints
01/09/21 08:09	0.0	0.00	01/09/21 08:55	0	*	KWMakai	System Constraints
01/09/21 08:25	0.0	6.50	01/09/21 08:47	0	*	KSMakai	System Constraints
01/09/21 08:27	0.0	0.00	01/09/21 09:11	0	*	KWF	System Constraints
01/09/21 11:33	0.0	0.00	01/09/21 12:39	0	*	NPM	System Constraints
01/09/21 11:41	0.0	0.00	01/09/21 12:48	0	*	KWF	System Constraints
01/09/21 11:44	0.0	0.00	01/09/21 12:33	0	*	KWMakai	System Constraints
01/09/21 11:46	0.0	17.00	01/09/21 12:26	0	*	KSMakai	System Constraints
01/09/21 12:10	0.0	2.10	01/09/21 12:37	0	*	MFO	System Constraints
01/11/21 08:36	0.0	3.40	01/11/21 08:57	0	*	NPM	System Constraints
01/11/21 19:38	0.0	-0.09	01/12/21 06:25	0	0.00	WestL	Facility Requested
01/12/21 17:38	0.0	0.00	01/12/21 22:56	0	*	KSMakai	Facility Requested
01/12/21 17:38	0.0	0.00	01/12/21 22:56	0	*	KSMauka	Facility Requested
01/13/21 17:10	0.0	0.00	01/13/21 20:17	0	*	Lani	Facility Requested
01/13/21 20:37	0.0	0.00	01/14/21 09:16	0	*	Lani	Facility Requested
01/14/21 17:35	0.0	5.00	01/14/21 21:15	0	*	Waipio	Facility Requested

Hawaiian Electric Company, Inc. Curtailment Report January 2021

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
01/15/21 12:47	0.0	0.30	01/15/21 13:03	0	*	NPM	System Constraints
01/18/21 15:10	0.0	-20.14	01/18/21 15:53	0	*	NPM	System Constraints
01/18/21 15:13	0.0	0.00	01/18/21 15:32	0	*	MFO	System Constraints
01/18/21 15:20	0.0	9.77	01/18/21 15:46	0	*	KWMakai	System Constraints
01/18/21 15:22	0.0	-1.40	01/18/21 15:41	0	*	KSMakai	System Constraints
01/22/21 17:07	15.0	9.80	01/27/21 15:42	1.02	*	KWF	Facility Requested
01/24/21 11:15	0.0	13.30	01/24/21 12:55	0	*	KSMakai	Frequency response
01/24/21 11:28	0.0	14.00	01/24/21 12:55	0	*	KSMauka	Frequency response
01/24/21 11:33	0.0	4.00	01/24/21 12:52	0	*	Aloha2	Frequency response
01/25/21 11:20	2.0	4.15	01/25/21 11:22	2.93	*	Lani	System Constraints
01/26/21 09:29	0.0	1.10	01/26/21 11:33	0	*	MFO	System Constraints
01/27/21 06:46	0.0	23.60	01/27/21 07:46	0	*	NPM	System Constraints
01/27/21 11:41	0.0	8.60	01/27/21 12:40	0	*	KSMauka	Oversupply
01/27/21 11:47	0.0	17.10	01/27/21 12:14	0	*	KSMakai	Oversupply
01/27/21 15:41	0.0	22.00	01/27/21 16:27	0	*	NPM	System Constraints
01/29/21 10:43	0.0	11.40	01/29/21 15:09	0	*	KSMauka	Oversupply
01/29/21 10:49	0.0	9.00	01/29/21 15:09	0	*	KSMakai	Oversupply
01/29/21 11:31	0.0	2.00	01/29/21 13:06	0	*	Aloha2	Oversupply
01/29/21 11:38	0.0	21.00	01/29/21 13:05	0	*	NPM	Oversupply
01/30/21 10:50	0.0	12.00	01/30/21 15:42	0	*	KSMauka	Oversupply
01/30/21 10:50	0.0	9.00	01/30/21 15:42	0	*	KSMakai	Oversupply
01/30/21 11:09	0.0	5.00	01/30/21 15:32	0	*	Aloha2	Oversupply
01/30/21 11:13	0.0	20.00	01/30/21 15:03	0	*	NPM	Oversupply
01/30/21 12:25	0.0	22.00	01/30/21 14:37	0	*	Waipio	Oversupply
01/30/21 12:28	0.0	13.00	01/30/21 13:39	0	*	Lani	Oversupply
01/31/21 10:09	0.0	16.00	01/31/21 16:11	0	*	KSMauka	Oversupply
01/31/21 10:11	0.0	10.00	01/31/21 16:11	0	*	KSMakai	Oversupply
01/31/21 10:26	0.0	4.00	01/31/21 15:59	0	*	Aloha2	Oversupply
01/31/21 10:35	0.0	14.00	01/31/21 15:57	0	*	NPM	Oversupply
01/31/21 10:39	24.1	19.35	01/31/21 10:50	17	*	Waipio	Oversupply
01/31/21 10:50	11.4	17	01/31/21 11:09	11.14	*	Waipio	Oversupply
01/31/21 10:50	8.6	12.78	01/31/21 11:09	8.51	*	Lani	Oversupply
01/31/21 11:09	0.0	11.14	01/31/21 15:19	0	*	Waipio	Oversupply
01/31/21 11:09	0.0	8.51	01/31/21 15:19	0	*	Lani	Oversupply
01/31/21 11:52	0.0	11.00	01/31/21 14:25	0	36.16	WestL	Oversupply

Aloha1 = Aloha Solar Energy Fund I
Aloha2 = Aloha Solar Energy Fund II
KLS2 = Kalaeloa Solar Two
KREP = Kalaeloa Renewable Energy Partners
KWF = 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
North = Waihonu North
South = Waihonu South
Waianae = EE Waianae Solar Project
Waipio = 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.



Maui Curtailment Report

January 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/1/2021 0:06	0:24	KWPll	0.55754	19.21064	Oversupply
1/1/2021 0:59	5:48	KWPll	46.63143	19.21064	Oversupply
1/1/2021 6:51	0:12	KWPll	0.35410	19.21064	Oversupply
1/1/2021 7:15	10:43	SSA2	14.56019	2.87000	System Constraint
1/1/2021 7:35	0:18	BS250	Data is not available	Data is not available	Oversupply
1/1/2021 7:35	0:18	SSA3	0.03685	0.02000	Oversupply
1/1/2021 7:36	0:17	KWPll	0.54783	19.21064	Oversupply
1/1/2021 7:49	0:15	17-2	0.00932	0.05500	Oversupply
1/1/2021 7:53	0:02	SSA3	0.00789	0.23100	Oversupply
1/1/2021 7:55	0:02	SSA3	0.00783	0.18700	Oversupply
1/1/2021 7:57	0:02	SSA3	0.00789	0.18700	Oversupply
1/1/2021 7:59	0:02	SSA3	-0.00300	0.15200	Oversupply
1/1/2021 8:01	0:02	SSA3	0.00683	0.26900	Oversupply
1/1/2021 8:05	0:02	SSA3	0.00694	0.47100	Oversupply
1/1/2021 8:06	0:05	17-2	0.00175	0.03800	Oversupply
1/1/2021 8:07	0:02	SSA3	0.00694	0.49300	Oversupply
1/1/2021 8:09	0:02	SSA3	0.00683	0.51100	Oversupply
1/1/2021 8:20	0:05	17-2	0.00427	0.06100	Oversupply
1/1/2021 8:21	0:02	SSA3	0.00653	0.67400	Oversupply
1/1/2021 8:22	0:01	AWE	0.00333	0.20000	Oversupply
1/1/2021 8:23	0:02	SSA3	0.00653	0.70900	Oversupply
1/1/2021 8:35	7:59	17-2	4.51646	0.75000	Oversupply
1/1/2021 8:36	0:02	SSA3	0.02592	0.02400	Oversupply
1/1/2021 8:38	0:02	SSA3	0.02592	0.26500	Oversupply
1/1/2021 8:39	0:34	BS250	Data is not available	Data is not available	Oversupply
1/1/2021 8:40	0:33	KWPll	4.83396	13.22291	Oversupply
1/1/2021 8:40	0:34	SSA3	0.70197	0.01600	Oversupply
1/1/2021 8:50	0:18	AWE	1.50875	21.00000	Oversupply
1/1/2021 9:15	0:01	BS250	Data is not available	Data is not available	Oversupply
1/1/2021 9:16	0:01	KWPll	0.01121	5.73824	Oversupply
1/1/2021 9:16	0:02	SSA3	0.04847	0.07100	Oversupply
1/1/2021 9:18	0:02	SSA3	0.04847	0.54700	Oversupply
1/1/2021 9:20	0:02	SSA3	0.04847	0.90200	Oversupply
1/1/2021 9:22	0:02	SSA3	0.04847	0.17400	Oversupply
1/1/2021 9:24	0:02	SSA3	0.04847	0.37300	Oversupply
1/1/2021 9:25	0:13	BS250	Data is not available	Data is not available	Oversupply
1/1/2021 9:26	0:12	SSA3	0.24920	0.00200	Oversupply
1/1/2021 9:27	0:11	KWPll	0.67754	7.23518	Oversupply
1/1/2021 9:38	0:02	SSA3	0.03841	0.34100	Oversupply
1/1/2021 9:40	0:02	SSA3	0.03841	1.57300	Oversupply
1/1/2021 9:44	0:02	SSA3	0.04811	0.88300	Oversupply
1/1/2021 9:46	0:02	SSA3	0.06309	0.50400	Oversupply
1/1/2021 9:48	0:02	SSA3	0.06309	0.34000	Oversupply
1/1/2021 9:50	0:02	SSA3	0.06257	0.64300	Oversupply
1/1/2021 9:52	0:02	SSA3	0.06309	0.77500	Oversupply
1/1/2021 9:54	0:44	SSA3	1.69916	0.15200	Oversupply
1/1/2021 9:55	0:02	BS250	Data is not available	Data is not available	Oversupply
1/1/2021 9:56	0:01	KWPll	0.00299	5.73824	Oversupply
1/1/2021 9:58	0:40	BS250	Data is not available	Data is not available	Oversupply
1/1/2021 9:59	0:40	KWPll	1.05886	5.73824	Oversupply
1/1/2021 10:05	0:33	AWE	1.58926	21.00000	Oversupply
1/1/2021 10:39	0:02	SSA3	0.07947	0.14200	Oversupply
1/1/2021 10:40	5:44	BS250	Data is not available	Data is not available	Oversupply
1/1/2021 10:40	5:44	KWPll	76.42003	17.71371	Oversupply
1/1/2021 10:41	5:43	SSA3	13.24667	0.02000	Oversupply
1/1/2021 10:47	4:42	AWE	77.58333	21.00000	Oversupply
1/1/2021 12:22	0:04	5A	Data is not available	Data is not available	Oversupply
1/1/2021 12:22	0:04	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 12:26	0:02	KWP	0.00352	15.32308	Oversupply
1/1/2021 12:27	0:13	5A	Data is not available	Data is not available	Oversupply
1/1/2021 12:27	0:13	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 12:40	0:02	KWP	0.00264	14.53187	Oversupply
1/1/2021 12:41	0:06	5A	Data is not available	Data is not available	Oversupply
1/1/2021 12:41	0:06	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 12:43	0:01	KWP	0.00088	13.68791	Oversupply
1/1/2021 12:48	0:03	5A	Data is not available	Data is not available	Oversupply
1/1/2021 12:48	0:03	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 12:51	0:01	KWP	0.00117	14.00440	Oversupply
1/1/2021 12:52	0:01	5A	Data is not available	Data is not available	Oversupply
1/1/2021 12:52	0:01	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 12:54	0:01	KWP	0.00176	14.53187	Oversupply
1/1/2021 12:54	0:26	5A	Data is not available	Data is not available	Oversupply
1/1/2021 12:54	0:26	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 13:21	0:04	5A	Data is not available	Data is not available	Oversupply
1/1/2021 13:21	0:04	SAG	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

January 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/1/2021 13:24	0:01	KWP	0.00088	15.21758	Oversupply
1/1/2021 13:26	0:02	5A	Data is not available	Data is not available	Oversupply
1/1/2021 13:26	0:02	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 13:28	0:01	KWP	0.00084	15.90330	Oversupply
1/1/2021 13:29	0:12	5A	Data is not available	Data is not available	Oversupply
1/1/2021 13:29	0:12	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 13:38	0:01	KWP	0.00088	15.79780	Oversupply
1/1/2021 13:42	0:12	5A	Data is not available	Data is not available	Oversupply
1/1/2021 13:42	0:12	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 13:54	0:01	KWP	0.00067	17.85494	Oversupply
1/1/2021 13:55	0:04	5A	Data is not available	Data is not available	Oversupply
1/1/2021 13:55	0:04	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 13:57	0:01	KWP	0.00088	19.27912	Oversupply
1/1/2021 14:00	0:16	5A	Data is not available	Data is not available	Oversupply
1/1/2021 14:00	0:16	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 14:10	0:02	KWP	0.00264	22.44396	Oversupply
1/1/2021 14:15	0:01	KWP	0.00142	22.60220	Oversupply
1/1/2021 14:17	0:05	5A	Data is not available	Data is not available	Oversupply
1/1/2021 14:17	0:05	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 14:19	0:01	KWP	0.00088	22.70769	Oversupply
1/1/2021 14:23	0:05	5A	Data is not available	Data is not available	Oversupply
1/1/2021 14:23	0:05	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 14:29	0:03	5A	Data is not available	Data is not available	Oversupply
1/1/2021 14:29	0:03	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 14:33	0:04	5A	Data is not available	Data is not available	Oversupply
1/1/2021 14:33	0:04	SAG	Data is not available	Data is not available	Oversupply
1/1/2021 15:35	0:01	AWE	0.00207	21.00000	Oversupply
1/1/2021 15:37	0:06	AWE	0.11800	21.00000	Oversupply
1/1/2021 16:23	0:02	SSA3	0.03211	0.10900	Oversupply
1/1/2021 16:26	0:02	SSA3	0.03158	0.11500	Oversupply
1/1/2021 16:28	0:02	SSA3	0.03167	0.50200	Oversupply
1/1/2021 16:30	0:02	SSA3	0.00389	1.03300	Oversupply
1/1/2021 16:32	0:02	SSA3	0.00389	0.99800	Oversupply
1/1/2021 22:05	0:46	KWP	10.13879	17.71371	Oversupply
1/1/2021 22:45	0:02	AWE	0.01927	21.00000	Oversupply
1/1/2021 22:53	5:13	KWP	90.86672	19.21064	Oversupply
1/2/2021 0:18	2:28	AWE	15.44617	21.00000	Oversupply
1/2/2021 2:57	0:44	AWE	2.87119	19.20000	Oversupply
1/2/2021 3:53	0:05	AWE	0.14028	13.70000	Oversupply
1/2/2021 3:59	0:01	AWE	0.00854	10.30000	Oversupply
1/2/2021 4:01	0:01	AWE	0.00384	9.60000	Oversupply
1/2/2021 4:07	2:04	KWP	22.66266	19.21064	Oversupply
1/2/2021 4:11	0:01	AWE	0.01704	12.80000	Oversupply
1/2/2021 6:14	0:36	KWP	4.83518	19.21064	Oversupply
1/2/2021 6:51	0:12	KWP	0.57323	19.21064	Oversupply
1/2/2021 7:06	10:54	SSA2	16.50929	2.87000	System Constraint
1/2/2021 7:11	8:22	SSA3	15.77384	0.01700	Oversupply
1/2/2021 7:15	9:05	BS250	Data is not available	Data is not available	Oversupply
1/2/2021 7:17	0:02	KWP	0.01249	19.21064	Oversupply
1/2/2021 7:20	8:14	KWP	134.43295	19.21064	Oversupply
1/2/2021 7:42	8:48	17-2	3.54080	0.75000	Oversupply
1/2/2021 8:56	0:02	AWE	0.01468	19.50000	Oversupply
1/2/2021 9:25	6:02	AWE	93.43641	21.00000	Oversupply
1/2/2021 11:16	0:05	5A	Data is not available	Data is not available	Oversupply
1/2/2021 11:16	0:05	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 11:18	0:01	KWP	0.00030	26.34725	Oversupply
1/2/2021 11:22	0:02	KWP	0.00264	26.45275	Oversupply
1/2/2021 11:22	0:05	5A	Data is not available	Data is not available	Oversupply
1/2/2021 11:22	0:05	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 11:26	0:01	KWP	0.00088	26.61099	Oversupply
1/2/2021 11:39	0:19	5A	Data is not available	Data is not available	Oversupply
1/2/2021 11:39	0:19	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 11:43	0:02	KWP	0.00264	25.23956	Oversupply
1/2/2021 11:46	0:01	KWP	0.00176	23.76264	Oversupply
1/2/2021 11:59	0:04	5A	Data is not available	Data is not available	Oversupply
1/2/2021 11:59	0:04	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 12:04	0:01	5A	Data is not available	Data is not available	Oversupply
1/2/2021 12:04	0:01	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 12:06	0:10	5A	Data is not available	Data is not available	Oversupply
1/2/2021 12:06	0:10	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 12:09	0:01	KWP	0.00264	22.49670	Oversupply
1/2/2021 12:13	0:02	KWP	0.00352	22.76044	Oversupply
1/2/2021 12:16	0:03	KWP	0.00527	21.91648	Oversupply
1/2/2021 12:17	0:07	5A	Data is not available	Data is not available	Oversupply
1/2/2021 12:17	0:07	SAG	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

January 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/2/2021 12:25	0:03	5A	Data is not available	Data is not available	Oversupply
1/2/2021 12:25	0:03	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 12:29	0:14	5A	Data is not available	Data is not available	Oversupply
1/2/2021 12:29	0:14	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 12:31	0:02	KWP	0.00615	23.18242	Oversupply
1/2/2021 12:44	0:13	5A	Data is not available	Data is not available	Oversupply
1/2/2021 12:44	0:13	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 12:48	0:01	KWP	0.00264	24.50110	Oversupply
1/2/2021 12:58	0:09	5A	Data is not available	Data is not available	Oversupply
1/2/2021 12:58	0:09	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 13:04	0:02	KWP	0.00176	18.90989	Oversupply
1/2/2021 13:08	0:01	KWP	0.00088	20.01758	Oversupply
1/2/2021 13:09	0:04	5A	Data is not available	Data is not available	Oversupply
1/2/2021 13:09	0:04	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 13:11	0:01	KWP	0.00440	21.60000	Oversupply
1/2/2021 13:14	0:03	5A	Data is not available	Data is not available	Oversupply
1/2/2021 13:14	0:03	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 13:16	0:01	KWP	0.00088	21.81099	Oversupply
1/2/2021 13:18	0:01	5A	Data is not available	Data is not available	Oversupply
1/2/2021 13:18	0:01	KWP	0.00088	21.96923	Oversupply
1/2/2021 13:18	0:01	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 13:22	0:03	5A	Data is not available	Data is not available	Oversupply
1/2/2021 13:22	0:03	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 13:24	0:01	KWP	0.00264	24.23736	Oversupply
1/2/2021 13:26	0:13	5A	Data is not available	Data is not available	Oversupply
1/2/2021 13:26	0:13	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 13:28	0:01	KWP	0.00088	25.39780	Oversupply
1/2/2021 13:35	0:01	KWP	0.00176	23.07692	Oversupply
1/2/2021 13:40	0:03	5A	Data is not available	Data is not available	Oversupply
1/2/2021 13:40	0:03	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 13:41	0:02	KWP	0.00352	23.28791	Oversupply
1/2/2021 13:44	0:01	5A	Data is not available	Data is not available	Oversupply
1/2/2021 13:44	0:01	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 13:46	0:05	5A	Data is not available	Data is not available	Oversupply
1/2/2021 13:46	0:05	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 13:51	0:01	KWP	0.00088	24.29011	Oversupply
1/2/2021 13:52	0:03	5A	Data is not available	Data is not available	Oversupply
1/2/2021 13:52	0:03	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 13:56	0:03	5A	Data is not available	Data is not available	Oversupply
1/2/2021 13:56	0:03	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 14:05	0:04	5A	Data is not available	Data is not available	Oversupply
1/2/2021 14:05	0:04	SAG	Data is not available	Data is not available	Oversupply
1/2/2021 14:06	0:01	KWP	0.00176	26.82198	Oversupply
1/2/2021 15:33	0:02	SSA3	0.03237	0.08900	Oversupply
1/2/2021 15:35	0:44	KWP2	5.16324	17.71371	Oversupply
1/2/2021 15:35	0:44	SSA3	0.92455	0.00100	Oversupply
1/2/2021 16:20	0:02	KWP2	0.00808	17.71371	Oversupply
1/2/2021 16:20	0:02	SSA3	0.02633	0.06900	Oversupply
1/2/2021 16:22	0:02	SSA3	0.02633	0.06700	Oversupply
1/2/2021 16:24	0:02	SSA3	0.02633	0.82700	Oversupply
1/2/2021 16:26	0:02	SSA3	0.02633	0.63300	Oversupply
1/2/2021 16:31	0:01	17-2	0.00542	0.32800	Oversupply
1/2/2021 22:01	0:14	KWP2	0.65660	19.21064	Oversupply
1/2/2021 22:20	0:27	KWP2	1.03709	19.20864	Oversupply
1/2/2021 22:55	0:44	KWP2	3.07102	19.21064	Oversupply
1/3/2021 0:10	0:07	KWP2	0.10578	19.21064	Oversupply
1/3/2021 0:20	14:58	KWP2	261.82708	19.21064	Oversupply
1/3/2021 0:48	0:01	AWE	0.00500	0.30000	Oversupply
1/3/2021 1:56	0:05	AWE	0.15481	10.20000	Oversupply
1/3/2021 2:03	0:01	AWE	0.00286	6.90000	Oversupply
1/3/2021 2:16	0:01	AWE	0.00401	6.80000	Oversupply
1/3/2021 2:18	0:01	AWE	0.00265	6.50000	Oversupply
1/3/2021 2:31	0:04	AWE	0.01460	6.60000	Oversupply
1/3/2021 2:36	0:07	AWE	0.16246	8.20000	Oversupply
1/3/2021 2:44	0:09	AWE	0.18773	8.30000	Oversupply
1/3/2021 2:54	3:43	AWE	25.81693	21.00000	Oversupply
1/3/2021 6:38	0:04	AWE	0.05913	19.60000	Oversupply
1/3/2021 6:54	0:06	AWE	0.04711	21.00000	Oversupply
1/3/2021 7:02	8:16	BS250	Data is not available	Data is not available	Oversupply
1/3/2021 7:03	8:14	SSA3	15.95819	0.01100	Oversupply
1/3/2021 7:06	10:55	SSA2	16.71162	2.87000	System Constraint
1/3/2021 7:38	8:30	17-2	2.95438	0.75000	Oversupply
1/3/2021 8:28	0:01	AWE	0.00024	21.00000	Oversupply
1/3/2021 8:30	0:03	AWE	0.01722	21.00000	Oversupply
1/3/2021 8:35	0:23	AWE	0.44770	21.00000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/3/2021 8:59	6:09	AWE	84.02253	20.70000	Oversupply
1/3/2021 10:27	0:01	5A	Data is not available	Data is not available	Oversupply
1/3/2021 10:27	0:01	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 10:29	0:05	5A	Data is not available	Data is not available	Oversupply
1/3/2021 10:29	0:05	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 10:36	0:01	KWP	0.00387	26.34725	Oversupply
1/3/2021 10:36	0:08	5A	Data is not available	Data is not available	Oversupply
1/3/2021 10:36	0:08	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 10:41	0:01	KWP	0.00264	25.29231	Oversupply
1/3/2021 10:43	0:01	KWP	0.00239	23.28791	Oversupply
1/3/2021 10:45	0:05	5A	Data is not available	Data is not available	Oversupply
1/3/2021 10:45	0:05	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 10:51	0:02	5A	Data is not available	Data is not available	Oversupply
1/3/2021 10:51	0:02	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 10:54	0:11	5A	Data is not available	Data is not available	Oversupply
1/3/2021 10:54	0:11	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 10:58	0:01	KWP	0.00088	23.60439	Oversupply
1/3/2021 11:03	0:01	KWP	0.00527	24.34286	Oversupply
1/3/2021 11:05	0:01	KWP	0.00264	23.92088	Oversupply
1/3/2021 11:06	0:12	5A	Data is not available	Data is not available	Oversupply
1/3/2021 11:06	0:12	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 11:09	0:01	KWP	0.00088	21.54725	Oversupply
1/3/2021 11:19	0:02	5A	Data is not available	Data is not available	Oversupply
1/3/2021 11:19	0:02	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 11:22	0:08	5A	Data is not available	Data is not available	Oversupply
1/3/2021 11:22	0:08	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 11:23	0:01	KWP	0.00176	20.28132	Oversupply
1/3/2021 11:31	0:01	KWP	0.00088	20.70330	Oversupply
1/3/2021 11:31	0:02	5A	Data is not available	Data is not available	Oversupply
1/3/2021 11:31	0:02	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 11:34	0:05	5A	Data is not available	Data is not available	Oversupply
1/3/2021 11:34	0:05	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 11:40	0:01	5A	Data is not available	Data is not available	Oversupply
1/3/2021 11:40	0:01	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 11:42	0:03	5A	Data is not available	Data is not available	Oversupply
1/3/2021 11:42	0:03	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 11:47	0:02	5A	Data is not available	Data is not available	Oversupply
1/3/2021 11:47	0:02	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 11:50	0:17	5A	Data is not available	Data is not available	Oversupply
1/3/2021 11:50	0:17	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 11:56	0:01	KWP	0.00088	20.86154	Oversupply
1/3/2021 12:08	0:01	KWP	0.00088	18.27692	Oversupply
1/3/2021 12:08	0:14	5A	Data is not available	Data is not available	Oversupply
1/3/2021 12:08	0:14	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 12:12	0:01	KWP	0.00088	16.90549	Oversupply
1/3/2021 12:18	0:01	KWP	0.00088	17.53846	Oversupply
1/3/2021 12:24	0:01	5A	Data is not available	Data is not available	Oversupply
1/3/2021 12:24	0:01	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 12:26	0:01	5A	Data is not available	Data is not available	Oversupply
1/3/2021 12:26	0:01	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 12:30	0:02	5A	Data is not available	Data is not available	Oversupply
1/3/2021 12:30	0:02	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 12:32	0:01	KWP	0.00176	20.28132	Oversupply
1/3/2021 12:33	0:14	5A	Data is not available	Data is not available	Oversupply
1/3/2021 12:33	0:14	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 12:35	0:01	KWP	0.00088	20.17583	Oversupply
1/3/2021 12:47	0:01	KWP	0.00088	18.85714	Oversupply
1/3/2021 12:48	0:05	5A	Data is not available	Data is not available	Oversupply
1/3/2021 12:48	0:05	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 12:50	0:01	KWP	0.00088	18.75165	Oversupply
1/3/2021 12:54	0:02	5A	Data is not available	Data is not available	Oversupply
1/3/2021 12:54	0:02	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 12:57	0:03	5A	Data is not available	Data is not available	Oversupply
1/3/2021 12:57	0:03	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 13:01	0:06	5A	Data is not available	Data is not available	Oversupply
1/3/2021 13:01	0:06	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 13:06	0:02	KWP	0.00295	18.06593	Oversupply
1/3/2021 13:09	0:06	5A	Data is not available	Data is not available	Oversupply
1/3/2021 13:09	0:06	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 13:11	0:01	KWP	0.00186	18.64615	Oversupply
1/3/2021 13:16	0:01	5A	Data is not available	Data is not available	Oversupply
1/3/2021 13:16	0:01	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 13:19	0:01	5A	Data is not available	Data is not available	Oversupply
1/3/2021 13:19	0:01	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 13:20	0:01	KWP	0.00088	18.90989	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/3/2021 13:21	0:03	5A	Data is not available	Data is not available	Oversupply
1/3/2021 13:21	0:03	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 13:25	0:05	5A	Data is not available	Data is not available	Oversupply
1/3/2021 13:25	0:05	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 13:32	0:03	5A	Data is not available	Data is not available	Oversupply
1/3/2021 13:32	0:03	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 13:39	0:01	5A	Data is not available	Data is not available	Oversupply
1/3/2021 13:39	0:01	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 13:40	0:01	KWP	0.00088	22.76044	Oversupply
1/3/2021 13:51	0:01	5A	Data is not available	Data is not available	Oversupply
1/3/2021 13:51	0:01	SAG	Data is not available	Data is not available	Oversupply
1/3/2021 15:11	0:01	AWE	0.00518	20.80000	Oversupply
1/3/2021 15:17	0:02	SSA3	0.06406	0.01100	Oversupply
1/3/2021 15:19	0:42	SSA3	1.22746	0.06200	Oversupply
1/3/2021 15:20	0:42	BS250	Data is not available	Data is not available	Oversupply
1/3/2021 15:20	0:42	KWP11	6.28661	19.21064	Oversupply
1/3/2021 16:02	0:02	SSA3	0.01504	0.02800	Oversupply
1/3/2021 16:04	0:02	SSA3	0.01517	1.02100	Oversupply
1/3/2021 16:06	0:02	SSA3	0.01530	1.29300	Oversupply
1/3/2021 16:08	0:02	SSA3	0.01542	1.41700	Oversupply
1/3/2021 16:09	0:01	17-2	0.00222	0.13600	Oversupply
1/3/2021 21:52	1:23	KWP11	22.08973	19.21064	Oversupply
1/3/2021 22:38	0:04	AWE	0.06954	15.80000	Oversupply
1/3/2021 22:43	0:28	AWE	1.16582	15.70000	Oversupply
1/3/2021 23:16	0:34	KWP11	10.13074	19.20864	Oversupply
1/3/2021 23:20	0:04	AWE	0.03518	13.30000	Oversupply
1/3/2021 23:29	0:17	AWE	1.24428	16.50000	Oversupply
1/3/2021 23:52	3:32	KWP11	53.03491	19.21064	Oversupply
1/3/2021 23:57	1:18	AWE	9.43086	19.90000	Oversupply
1/4/2021 1:16	1:18	AWE	7.22930	18.20000	Oversupply
1/4/2021 2:41	0:38	AWE	2.55284	15.90000	Oversupply
1/4/2021 3:36	0:01	KWP11	0.00765	6.16637	Oversupply
1/4/2021 3:39	0:03	KWP11	0.03094	5.97576	Oversupply
1/4/2021 3:43	0:01	KWP11	0.00654	3.44993	Oversupply
1/4/2021 3:46	0:05	KWP11	0.08049	4.39200	Oversupply
1/4/2021 3:53	0:09	KWP11	0.10706	5.40393	Oversupply
1/4/2021 4:03	0:02	KWP11	0.00341	4.79318	Oversupply
1/4/2021 4:06	0:01	KWP11	0.00996	5.12650	Oversupply
1/4/2021 4:14	0:01	KWP11	0.00207	5.36601	Oversupply
1/4/2021 7:05	10:14	SSA2	18.85198	2.87000	System Constraint
1/4/2021 10:25	0:01	17-2	0.00581	0.75000	Oversupply
1/4/2021 10:25	0:02	SSA3	0.00133	2.28800	Oversupply
1/4/2021 10:27	0:01	17-2	0.00778	0.75000	Oversupply
1/4/2021 10:29	0:09	17-2	0.07690	0.75000	Oversupply
1/4/2021 10:31	0:02	SSA3	0.00968	0.12000	Oversupply
1/4/2021 10:39	0:02	17-2	0.01755	0.53900	Oversupply
1/4/2021 10:42	0:01	17-2	0.00724	0.75000	Oversupply
1/4/2021 10:47	0:02	SSA3	0.04157	2.41800	Oversupply
1/4/2021 10:49	0:25	17-2	0.14473	0.70300	Oversupply
1/4/2021 10:50	0:02	SSA3	0.04123	0.23900	Oversupply
1/4/2021 10:52	0:02	SSA3	0.04089	0.58500	Oversupply
1/4/2021 10:54	0:02	SSA3	0.04123	0.80800	Oversupply
1/4/2021 10:56	0:02	SSA3	0.04123	1.56100	Oversupply
1/4/2021 10:58	0:02	SSA3	0.04065	1.24400	Oversupply
1/4/2021 11:00	0:02	SSA3	0.02745	0.06300	Oversupply
1/4/2021 11:02	0:02	SSA3	0.02745	0.79800	Oversupply
1/4/2021 11:04	0:02	SSA3	0.02745	0.70000	Oversupply
1/4/2021 11:06	0:02	SSA3	0.02745	0.77700	Oversupply
1/4/2021 11:08	0:02	SSA3	0.02745	2.24300	Oversupply
1/4/2021 11:10	0:02	SSA3	0.02745	2.16800	Oversupply
1/4/2021 11:12	0:02	SSA3	0.02745	2.51100	Oversupply
1/4/2021 11:26	0:01	17-2	0.00001	0.21300	Oversupply
1/4/2021 11:26	0:02	SSA3	0.00197	2.64700	Oversupply
1/4/2021 11:28	0:01	17-2	0.00350	0.21300	Oversupply
1/4/2021 11:31	0:04	17-2	0.01421	0.30100	Oversupply
1/4/2021 11:32	0:02	SSA3	0.04591	0.36900	Oversupply
1/4/2021 11:34	0:02	SSA3	0.04591	2.37700	Oversupply
1/4/2021 11:38	0:22	17-2	0.15210	0.75000	Oversupply
1/4/2021 11:38	0:02	SSA3	0.04629	0.77100	Oversupply
1/4/2021 11:40	0:02	SSA3	0.04629	0.96400	Oversupply
1/4/2021 11:42	0:02	SSA3	0.04553	0.63400	Oversupply
1/4/2021 11:44	0:02	SSA3	0.04885	0.18200	Oversupply
1/4/2021 11:46	0:02	SSA3	0.05134	0.43400	Oversupply
1/4/2021 11:48	0:02	SSA3	0.05134	1.42000	Oversupply
1/4/2021 11:50	0:02	SSA3	0.05134	1.64900	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/4/2021 11:52	0:02	SSA3	0.05134	1.71400	Oversupply
1/4/2021 11:54	0:02	SSA3	0.05134	1.26200	Oversupply
1/4/2021 11:56	0:02	SSA3	0.05134	1.45900	Oversupply
1/4/2021 12:09	0:01	17-2	0.00059	0.31500	Oversupply
1/4/2021 12:21	0:01	17-2	0.00021	0.75000	Oversupply
1/4/2021 21:47	0:09	KWP11	0.29628	18.70268	Oversupply
1/4/2021 21:57	0:01	KWP11	0.00763	17.99313	Oversupply
1/4/2021 21:59	0:02	KWP11	0.00564	17.43927	Oversupply
1/4/2021 22:09	1:14	KWP11	13.54489	19.05695	Oversupply
1/4/2021 22:59	0:01	AWE	0.00046	6.90000	Oversupply
1/4/2021 23:01	0:18	AWE	0.90111	7.70000	Oversupply
1/4/2021 23:25	2:13	KWP11	25.42751	19.20266	Oversupply
1/5/2021 0:15	0:03	AWE	0.09561	10.50000	Oversupply
1/5/2021 0:19	0:18	AWE	0.98318	11.60000	Oversupply
1/5/2021 1:49	0:01	AWE	0.00167	0.10000	Oversupply
1/5/2021 1:57	0:02	KWP11	0.02086	18.12187	Oversupply
1/5/2021 2:00	0:40	KWP11	6.60690	18.82144	Oversupply
1/5/2021 2:27	0:05	AWE	0.07614	17.10000	Oversupply
1/5/2021 2:42	0:11	KWP11	0.66413	12.26088	Oversupply
1/5/2021 2:54	0:10	KWP11	0.27249	10.03943	Oversupply
1/5/2021 3:07	0:14	KWP11	0.35139	9.25703	Oversupply
1/5/2021 3:22	0:12	KWP11	0.36956	10.40568	Oversupply
1/5/2021 6:44	0:02	SSA3	-0.00056	0.00000	Oversupply
1/5/2021 9:56	6:11	17-2	3.35849	0.75000	Oversupply
1/5/2021 9:58	0:01	SSA2	0.00392	0.97493	Oversupply
1/5/2021 9:58	0:02	SSA3	0.02058	1.35000	Oversupply
1/5/2021 9:59	0:01	SSA2	0.00392	0.16091	Oversupply
1/5/2021 9:59	0:38	BS250	Data is not available	Data is not available	Oversupply
1/5/2021 10:00	0:01	SSA2	0.03169	0.07990	Oversupply
1/5/2021 10:00	0:38	KWP11	5.17750	17.94224	Oversupply
1/5/2021 10:00	0:36	SSA3	1.31700	0.01200	Oversupply
1/5/2021 10:01	0:33	SSA2	1.09736	-0.00111	Oversupply
1/5/2021 10:34	0:01	SSA2	0.03395	-0.00129	Oversupply
1/5/2021 10:35	0:01	SSA2	0.03395	0.00036	Oversupply
1/5/2021 10:36	0:01	SSA2	0.03395	-0.00101	Oversupply
1/5/2021 10:36	0:02	SSA3	0.07543	0.00600	Oversupply
1/5/2021 10:37	0:01	SSA2	0.03395	-0.00239	Oversupply
1/5/2021 10:38	0:01	SSA2	0.03395	-0.00266	Oversupply
1/5/2021 10:38	0:02	SSA3	0.07481	1.44600	Oversupply
1/5/2021 10:39	0:01	SSA2	0.03395	-0.00292	Oversupply
1/5/2021 10:40	0:01	SSA2	0.03395	0.00217	Oversupply
1/5/2021 10:40	0:02	SSA3	0.07543	0.17800	Oversupply
1/5/2021 10:41	0:01	SSA2	0.03395	0.00725	Oversupply
1/5/2021 10:42	0:01	SSA2	0.03395	0.18887	Oversupply
1/5/2021 10:42	0:01	BS250	Data is not available	Data is not available	Oversupply
1/5/2021 10:42	0:01	KWP11	0.01588	16.47125	Oversupply
1/5/2021 10:42	0:02	SSA3	0.07543	0.17200	Oversupply
1/5/2021 10:43	0:01	SSA2	0.03395	0.37050	Oversupply
1/5/2021 10:44	0:01	SSA2	0.03395	0.41423	Oversupply
1/5/2021 10:44	0:02	SSA3	0.08352	1.07400	Oversupply
1/5/2021 10:45	0:01	SSA2	0.03801	0.45796	Oversupply
1/5/2021 10:46	0:01	SSA2	0.03801	0.27606	Oversupply
1/5/2021 10:46	0:02	SSA3	0.08429	0.21700	Oversupply
1/5/2021 10:47	0:01	SSA2	0.03801	0.09417	Oversupply
1/5/2021 10:47	0:53	BS250	Data is not available	Data is not available	Oversupply
1/5/2021 10:48	0:01	SSA2	0.03801	0.04738	Oversupply
1/5/2021 10:48	5:09	KWP11	48.75276	19.17871	Oversupply
1/5/2021 10:48	5:07	SSA3	9.41014	0.00800	Oversupply
1/5/2021 10:49	5:03	SSA2	12.89383	0.00058	Oversupply
1/5/2021 11:41	4:15	BS250	Data is not available	Data is not available	Oversupply
1/5/2021 12:29	0:03	AWE	0.05674	19.80000	Oversupply
1/5/2021 15:52	0:02	SSA2	0.06344	-0.00300	Oversupply
1/5/2021 15:54	0:01	SSA2	0.03172	-0.00194	Oversupply
1/5/2021 15:55	0:01	SSA2	0.03172	-0.00089	Oversupply
1/5/2021 15:55	0:02	SSA3	0.05183	0.19300	Oversupply
1/5/2021 15:56	0:01	SSA2	0.03172	0.03966	Oversupply
1/5/2021 15:57	0:01	SSA2	0.03172	0.08020	Oversupply
1/5/2021 15:57	0:02	SSA3	0.05183	0.35800	Oversupply
1/5/2021 15:58	0:01	SSA2	0.03172	0.10660	Oversupply
1/5/2021 15:59	0:01	SSA2	0.03172	0.13300	Oversupply
1/5/2021 15:59	0:02	SSA3	0.02780	0.05100	Oversupply
1/5/2021 16:00	0:01	SSA2	0.00617	0.43236	Oversupply
1/5/2021 16:01	0:01	SSA2	0.00617	0.73171	Oversupply
1/5/2021 16:01	0:02	SSA3	0.00789	0.42600	Oversupply
1/5/2021 16:02	0:01	SSA2	0.00617	0.68655	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/5/2021 16:03	0:01	SSA2	0.00617	0.64138	Oversupply
1/5/2021 16:03	0:02	SSA3	0.00795	0.51800	Oversupply
1/5/2021 16:04	0:01	SSA2	0.00617	0.83627	Oversupply
1/5/2021 16:05	0:01	SSA2	0.00617	1.03116	Oversupply
1/5/2021 16:05	0:02	SSA3	0.00795	0.35100	Oversupply
1/5/2021 22:32	0:02	KWPPII	0.05926	9.18119	Oversupply
1/5/2021 22:38	0:15	KWPPII	1.15771	16.06708	Oversupply
1/5/2021 22:54	0:25	KWPPII	1.07411	16.46427	Oversupply
1/6/2021 3:47	2:28	KWPPII	16.76399	19.18270	Oversupply
1/6/2021 8:17	0:03	17-2	0.00177	0.04300	Oversupply
1/6/2021 8:21	0:01	17-2	0.00023	0.05800	Oversupply
1/6/2021 8:26	0:02	SSA3	0.00523	0.79800	Oversupply
1/6/2021 8:28	0:02	17-2	0.00349	0.20700	Oversupply
1/6/2021 8:32	0:02	SSA3	0.01684	0.94000	Oversupply
1/6/2021 8:33	2:51	17-2	1.07790	0.75000	Oversupply
1/6/2021 8:34	0:01	SSA2	0.00618	0.53537	Oversupply
1/6/2021 8:35	0:01	SSA2	0.00618	0.51113	Oversupply
1/6/2021 8:35	0:02	SSA3	0.01684	0.39000	Oversupply
1/6/2021 8:36	0:01	SSA2	0.00618	0.48983	Oversupply
1/6/2021 8:37	0:01	SSA2	0.00618	0.46852	Oversupply
1/6/2021 8:37	0:02	SSA3	0.01684	0.28400	Oversupply
1/6/2021 8:38	0:01	SSA2	0.00618	0.42365	Oversupply
1/6/2021 8:39	0:01	SSA2	0.00618	0.37877	Oversupply
1/6/2021 8:39	0:02	SSA3	0.01684	0.55500	Oversupply
1/6/2021 8:40	0:01	SSA2	0.00618	0.52257	Oversupply
1/6/2021 8:41	0:01	SSA2	0.00618	0.66636	Oversupply
1/6/2021 8:41	0:02	SSA3	0.01684	1.09400	Oversupply
1/6/2021 8:42	0:01	SSA2	0.00618	0.40573	Oversupply
1/6/2021 8:43	0:01	SSA2	0.00618	0.14509	Oversupply
1/6/2021 8:43	0:02	SSA3	0.01745	0.31200	Oversupply
1/6/2021 8:44	0:01	SSA2	0.00618	0.09070	Oversupply
1/6/2021 8:45	0:01	SSA2	0.01469	0.03631	Oversupply
1/6/2021 8:45	0:02	SSA3	0.03806	0.09800	Oversupply
1/6/2021 8:46	0:01	SSA2	0.01469	0.09576	Oversupply
1/6/2021 8:47	0:01	SSA2	0.01469	0.15521	Oversupply
1/6/2021 8:47	0:02	SSA3	0.03806	0.36100	Oversupply
1/6/2021 8:48	0:01	SSA2	0.01469	0.38144	Oversupply
1/6/2021 8:48	0:01	KWPPII	0.00091	19.21064	Oversupply
1/6/2021 8:49	0:01	SSA2	0.01469	0.60766	Oversupply
1/6/2021 8:49	0:02	SSA3	0.03806	0.57200	Oversupply
1/6/2021 8:50	0:01	SSA2	0.01469	0.35360	Oversupply
1/6/2021 8:51	0:01	SSA2	0.01469	0.09954	Oversupply
1/6/2021 8:51	3:28	BS250	Data is not available	Data is not available	Oversupply
1/6/2021 8:51	3:28	SSA3	7.61230	0.15700	Oversupply
1/6/2021 8:52	0:01	SSA2	0.01469	0.04962	Oversupply
1/6/2021 8:53	3:25	SSA2	6.82930	-0.00031	Oversupply
1/6/2021 8:53	2:31	KWPPII	42.81009	19.21064	Oversupply
1/6/2021 9:18	2:06	AWE	22.78471	21.00000	Oversupply
1/6/2021 11:25	0:43	AWE	3.21421	21.00000	Oversupply
1/6/2021 11:25	0:55	KWPPII	12.24263	18.81844	Oversupply
1/6/2021 11:25	3:21	17-2	2.06042	0.75000	Oversupply
1/6/2021 12:18	0:01	SSA2	0.04468	-0.00147	Oversupply
1/6/2021 12:18	0:02	SSA3	0.09262	0.00100	Oversupply
1/6/2021 12:19	0:01	SSA2	0.04468	0.00000	Oversupply
1/6/2021 12:20	0:01	SSA2	0.04468	0.00599	Oversupply
1/6/2021 12:20	1:09	SSA3	3.03436	0.03300	Oversupply
1/6/2021 12:21	1:05	SSA2	2.84486	0.01198	Oversupply
1/6/2021 12:21	1:07	BS250	Data is not available	Data is not available	Oversupply
1/6/2021 12:21	1:08	KWPPII	4.60414	8.95166	Oversupply
1/6/2021 12:33	0:01	AWE	0.00057	21.00000	Oversupply
1/6/2021 12:36	0:47	AWE	0.95033	21.00000	Oversupply
1/6/2021 13:26	0:01	SSA2	0.04231	0.09660	Oversupply
1/6/2021 13:27	0:01	SSA2	0.04231	0.16043	Oversupply
1/6/2021 13:28	0:01	SSA2	0.04231	0.67935	Oversupply
1/6/2021 13:29	0:01	SSA2	0.04231	1.19826	Oversupply
1/6/2021 13:29	0:02	SSA3	0.08793	1.28400	Oversupply
1/6/2021 13:30	0:01	SSA2	0.04726	0.63813	Oversupply
1/6/2021 13:31	0:01	SSA2	0.04726	0.07800	Oversupply
1/6/2021 13:31	0:40	BS250	Data is not available	Data is not available	Oversupply
1/6/2021 13:31	0:41	KWPPII	4.93119	12.79578	Oversupply
1/6/2021 13:31	0:40	SSA3	1.67036	0.07000	Oversupply
1/6/2021 13:32	0:01	SSA2	0.04726	0.03808	Oversupply
1/6/2021 13:33	0:35	SSA2	1.60488	-0.00184	Oversupply
1/6/2021 13:44	0:24	AWE	0.57878	21.00000	Oversupply
1/6/2021 14:08	0:01	SSA2	0.04480	-0.00008	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/6/2021 14:09	0:01	SSA2	0.04480	-0.00238	Oversupply
1/6/2021 14:10	0:01	SSA2	0.04480	-0.00229	Oversupply
1/6/2021 14:11	0:01	SSA2	0.04480	-0.00221	Oversupply
1/6/2021 14:11	0:02	SSA3	0.07627	0.18600	Oversupply
1/6/2021 14:12	0:01	SSA2	0.04480	0.00860	Oversupply
1/6/2021 14:13	0:01	SSA2	0.04480	0.01942	Oversupply
1/6/2021 14:13	0:28	SSA3	1.02253	0.78400	Oversupply
1/6/2021 14:14	0:01	SSA2	0.04480	0.00973	Oversupply
1/6/2021 14:14	0:28	BS250	Data is not available	Data is not available	Oversupply
1/6/2021 14:14	0:29	KWP/II	0.85952	10.14921	Oversupply
1/6/2021 14:15	0:23	SSA2	0.95744	0.00004	Oversupply
1/6/2021 14:38	0:02	SSA2	0.07366	0.00078	Oversupply
1/6/2021 14:40	0:01	SSA2	0.03683	0.01262	Oversupply
1/6/2021 14:41	0:01	SSA2	0.03683	0.02405	Oversupply
1/6/2021 14:41	0:02	SSA3	0.06562	0.04600	Oversupply
1/6/2021 14:42	0:01	SSA2	0.03683	0.26937	Oversupply
1/6/2021 14:43	0:01	SSA2	0.03683	0.51469	Oversupply
1/6/2021 14:43	0:02	SSA3	0.03585	1.05100	Oversupply
1/6/2021 14:44	0:01	SSA2	0.03683	1.38405	Oversupply
1/6/2021 21:20	0:01	KWP/II	0.00172	16.93131	Oversupply
1/6/2021 21:25	0:07	KWP/II	0.10912	18.46018	Oversupply
1/6/2021 21:33	1:10	KWP/II	12.82967	19.15974	Oversupply
1/6/2021 22:24	0:14	AWE	0.48187	12.30000	Oversupply
1/6/2021 22:45	0:28	KWP/II	6.01817	17.84843	Oversupply
1/6/2021 22:51	0:18	AWE	1.52645	16.10000	Oversupply
1/6/2021 23:15	7:11	KWP/II	121.18999	19.21064	Oversupply
1/6/2021 23:22	0:28	AWE	1.94650	19.10000	Oversupply
1/6/2021 23:52	0:01	AWE	0.00152	5.40000	Oversupply
1/6/2021 23:54	0:53	AWE	2.71677	11.20000	Oversupply
1/7/2021 0:48	0:45	AWE	3.79371	17.00000	Oversupply
1/7/2021 1:34	0:02	AWE	0.01969	2.20000	Oversupply
1/7/2021 1:37	0:06	AWE	0.07622	2.20000	Oversupply
1/7/2021 1:50	0:03	AWE	0.00059	0.20000	Oversupply
1/7/2021 1:52	0:01	KWP	0.00176	29.98681	Oversupply
1/7/2021 1:54	0:01	AWE	0.00167	0.10000	Oversupply
1/7/2021 2:04	0:01	KWP	0.00088	29.77582	Oversupply
1/7/2021 2:16	0:02	KWP	0.00176	29.45934	Oversupply
1/7/2021 2:26	0:01	KWP	0.00176	29.30110	Oversupply
1/7/2021 2:43	0:01	KWP	0.00133	28.56264	Oversupply
1/7/2021 2:46	0:01	KWP	0.00264	28.08791	Oversupply
1/7/2021 2:49	0:02	KWP	0.00527	28.40440	Oversupply
1/7/2021 2:54	0:02	KWP	0.00389	28.24615	Oversupply
1/7/2021 3:00	0:01	KWP	0.00088	28.45714	Oversupply
1/7/2021 3:04	0:03	KWP	0.00352	28.50989	Oversupply
1/7/2021 3:23	0:01	KWP	0.00088	28.40440	Oversupply
1/7/2021 3:28	0:01	KWP	0.00088	28.24615	Oversupply
1/7/2021 4:09	0:01	KWP	0.00088	29.77582	Oversupply
1/7/2021 5:16	0:24	AWE	1.62879	16.10000	Oversupply
1/7/2021 5:55	0:05	AWE	0.04982	21.00000	Oversupply
1/7/2021 6:38	2:56	KWP/II	34.08997	19.21064	Oversupply
1/7/2021 7:02	2:31	BS250	Data is not available	Data is not available	Oversupply
1/7/2021 7:03	2:31	SSA3	1.79542	-0.00200	Oversupply
1/7/2021 7:09	2:22	SSA2	0.63466	0.00871	Oversupply
1/7/2021 7:25	2:14	17-2	0.25600	0.32300	Oversupply
1/7/2021 7:52	0:01	AWE	0.00124	21.00000	Oversupply
1/7/2021 8:32	0:04	AWE	0.05854	21.00000	Oversupply
1/7/2021 8:37	0:05	AWE	0.07684	21.00000	Oversupply
1/7/2021 8:44	0:01	AWE	0.00257	21.00000	Oversupply
1/7/2021 9:27	0:06	AWE	0.14579	21.00000	Oversupply
1/7/2021 9:31	0:01	SSA2	0.00538	0.00721	Oversupply
1/7/2021 9:32	0:01	SSA2	0.00538	0.00474	Oversupply
1/7/2021 9:33	0:01	SSA2	0.00538	0.04315	Oversupply
1/7/2021 9:34	0:01	SSA2	0.00538	0.08157	Oversupply
1/7/2021 9:34	0:02	SSA3	0.03934	0.19700	Oversupply
1/7/2021 9:35	0:01	SSA2	0.00538	0.05522	Oversupply
1/7/2021 9:36	0:01	SSA2	0.00538	0.02888	Oversupply
1/7/2021 9:36	0:01	BS250	Data is not available	Data is not available	Oversupply
1/7/2021 9:36	0:02	SSA3	0.03901	0.01400	Oversupply
1/7/2021 9:37	0:01	KWP/II	0.02606	2.66254	Oversupply
1/7/2021 9:42	1:06	17-2	0.41961	0.75000	Oversupply
1/7/2021 9:42	0:02	SSA3	0.03934	0.03700	Oversupply
1/7/2021 9:47	0:01	SSA2	0.01481	0.53279	Oversupply
1/7/2021 9:47	0:02	SSA3	0.05829	1.00000	Oversupply
1/7/2021 9:48	0:01	SSA2	0.01481	0.53787	Oversupply
1/7/2021 9:49	0:01	SSA2	0.01481	0.32564	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/7/2021 9:49	0:02	SSA3	0.05734	0.15200	Oversupply
1/7/2021 9:50	0:01	SSA2	0.01481	0.11342	Oversupply
1/7/2021 9:50	0:40	BS250	Data is not available	Data is not available	Oversupply
1/7/2021 9:50	0:40	KWP11	2.79444	6.64439	Oversupply
1/7/2021 9:51	0:01	SSA2	0.01481	0.05571	Oversupply
1/7/2021 9:51	0:38	SSA3	1.38314	-0.00200	Oversupply
1/7/2021 9:52	0:34	SSA2	0.91498	-0.00200	Oversupply
1/7/2021 9:57	0:02	AWE	0.01612	21.00000	Oversupply
1/7/2021 10:00	0:26	AWE	1.73378	20.70000	Oversupply
1/7/2021 10:26	0:01	SSA2	0.02893	0.01792	Oversupply
1/7/2021 10:27	0:01	SSA2	0.02893	0.02106	Oversupply
1/7/2021 10:28	0:01	SSA2	0.02893	0.05887	Oversupply
1/7/2021 10:29	0:01	SSA2	0.02893	0.09668	Oversupply
1/7/2021 10:29	0:02	SSA3	0.07210	-0.00200	Oversupply
1/7/2021 10:30	0:01	SSA2	0.02916	0.29826	Oversupply
1/7/2021 10:31	0:01	SSA2	0.02916	0.49983	Oversupply
1/7/2021 10:31	0:02	SSA3	0.07709	-0.00200	Oversupply
1/7/2021 10:32	0:01	SSA2	0.02916	0.25775	Oversupply
1/7/2021 10:32	0:02	BS250	Data is not available	Data is not available	Oversupply
1/7/2021 10:33	0:01	SSA2	0.02916	0.01567	Oversupply
1/7/2021 10:33	0:01	KWP11	0.00634	2.38611	Oversupply
1/7/2021 10:33	0:02	SSA3	0.07709	0.03900	Oversupply
1/7/2021 10:34	0:01	SSA2	0.02916	0.00692	Oversupply
1/7/2021 10:35	0:01	SSA2	0.02916	-0.00182	Oversupply
1/7/2021 10:35	0:02	SSA3	0.07709	1.15200	Oversupply
1/7/2021 10:36	0:01	SSA2	0.02916	0.01253	Oversupply
1/7/2021 10:37	0:01	SSA2	0.02916	0.02689	Oversupply
1/7/2021 10:37	0:02	SSA3	0.07709	0.65600	Oversupply
1/7/2021 10:38	0:01	SSA2	0.02916	0.11900	Oversupply
1/7/2021 10:38	0:01	BS250	Data is not available	Data is not available	Oversupply
1/7/2021 10:39	0:01	SSA2	0.02916	0.21110	Oversupply
1/7/2021 10:39	0:02	SSA3	0.07709	0.23600	Oversupply
1/7/2021 10:40	0:01	SSA2	0.02916	0.23463	Oversupply
1/7/2021 10:40	0:01	BS250	Data is not available	Data is not available	Oversupply
1/7/2021 10:41	0:01	SSA2	0.02916	0.25817	Oversupply
1/7/2021 10:41	0:02	SSA3	0.07709	0.52100	Oversupply
1/7/2021 10:42	0:01	SSA2	0.02916	0.57487	Oversupply
1/7/2021 10:43	0:01	SSA2	0.02916	0.89157	Oversupply
1/7/2021 10:43	0:02	SSA3	0.06929	1.15500	Oversupply
1/7/2021 10:44	0:01	SSA2	0.02916	0.88014	Oversupply
1/7/2021 10:45	0:02	SSA3	0.03788	1.75700	Oversupply
1/7/2021 10:49	0:01	SSA2	0.00728	1.20359	Oversupply
1/7/2021 10:49	0:02	SSA3	0.03788	2.45300	Oversupply
1/7/2021 10:50	0:02	17-2	0.00639	0.38100	Oversupply
1/7/2021 10:55	0:01	SSA2	0.00728	1.02931	Oversupply
1/7/2021 10:55	0:02	SSA3	0.03788	1.69600	Oversupply
1/7/2021 10:56	0:01	SSA2	0.00728	0.82437	Oversupply
1/7/2021 10:56	2:30	17-2	0.88500	0.75000	Oversupply
1/7/2021 10:57	0:01	SSA2	0.00728	0.61944	Oversupply
1/7/2021 10:57	0:02	SSA3	0.03788	1.12200	Oversupply
1/7/2021 10:58	0:01	SSA2	0.00728	0.33712	Oversupply
1/7/2021 10:58	0:13	BS250	Data is not available	Data is not available	Oversupply
1/7/2021 10:59	0:01	SSA2	0.00728	0.05481	Oversupply
1/7/2021 10:59	0:04	SSA3	0.16380	0.04800	Oversupply
1/7/2021 11:00	0:01	SSA2	0.03308	0.02716	Oversupply
1/7/2021 11:00	0:04	KWP11	0.01833	2.30727	Oversupply
1/7/2021 11:01	2:10	SSA2	3.23556	-0.00049	Oversupply
1/7/2021 11:03	0:02	SSA3	0.08859	-0.00100	Oversupply
1/7/2021 11:05	0:52	SSA3	2.19555	0.00100	Oversupply
1/7/2021 11:07	0:04	KWP11	0.04805	1.75840	Oversupply
1/7/2021 11:12	0:01	AWE	0.00150	17.30000	Oversupply
1/7/2021 11:12	0:01	KWP11	0.00620	0.63171	Oversupply
1/7/2021 11:13	0:45	BS250	Data is not available	Data is not available	Oversupply
1/7/2021 11:15	0:09	KWP11	0.05046	0.81633	Oversupply
1/7/2021 11:15	1:48	AWE	7.10628	17.50000	Oversupply
1/7/2021 11:58	0:02	SSA3	0.09281	0.00100	Oversupply
1/7/2021 11:59	1:15	BS250	Data is not available	Data is not available	Oversupply
1/7/2021 12:00	1:17	SSA3	3.63710	-0.00100	Oversupply
1/7/2021 12:22	0:41	KWP11	0.23501	0.75146	Oversupply
1/7/2021 13:05	0:07	AWE	0.14960	16.80000	Oversupply
1/7/2021 13:11	0:01	SSA2	0.04757	0.06148	Oversupply
1/7/2021 13:12	0:01	SSA2	0.04757	0.10625	Oversupply
1/7/2021 13:13	0:01	SSA2	0.04757	0.11060	Oversupply
1/7/2021 13:13	0:01	AWE	0.02463	15.60000	Oversupply
1/7/2021 13:14	0:01	SSA2	0.04757	0.11496	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/7/2021 13:15	0:01	SSA2	0.02483	0.18218	Oversupply
1/7/2021 13:15	0:01	AWE	0.00702	16.10000	Oversupply
1/7/2021 13:15	0:01	BS250	Data is not available	Data is not available	Oversupply
1/7/2021 13:15	0:01	KWP11	0.00088	0.05289	Oversupply
1/7/2021 13:16	0:01	SSA2	0.02483	0.24941	Oversupply
1/7/2021 13:16	0:02	SSA3	0.02940	0.31800	Oversupply
1/7/2021 13:17	0:01	SSA2	0.02483	0.49895	Oversupply
1/7/2021 13:18	0:01	SSA2	0.02483	0.74850	Oversupply
1/7/2021 13:18	0:02	SSA3	0.02940	0.51200	Oversupply
1/7/2021 13:19	0:01	SSA2	0.02483	0.69917	Oversupply
1/7/2021 13:20	0:01	SSA2	0.02483	0.64984	Oversupply
1/7/2021 13:20	0:02	SSA3	0.02940	0.27600	Oversupply
1/7/2021 13:21	0:01	SSA2	0.02483	0.63336	Oversupply
1/7/2021 13:22	0:01	SSA2	0.02483	0.61689	Oversupply
1/7/2021 13:22	0:02	SSA3	0.02940	0.18900	Oversupply
1/7/2021 13:23	0:01	SSA2	0.02483	1.09610	Oversupply
1/7/2021 13:24	0:01	SSA2	0.02483	1.57531	Oversupply
1/7/2021 13:24	0:02	SSA3	0.02940	0.42800	Oversupply
1/7/2021 13:25	0:01	SSA2	0.02483	2.24463	Oversupply
1/7/2021 13:29	0:01	SSA2	0.02483	2.79004	Oversupply
1/7/2021 13:29	0:06	17-2	0.06490	0.75000	Oversupply
1/7/2021 13:30	0:01	SSA2	0.00399	2.74866	Oversupply
1/7/2021 13:31	0:01	SSA2	0.00399	2.71741	Oversupply
1/7/2021 13:32	0:01	SSA2	0.00399	2.68616	Oversupply
1/7/2021 13:32	0:02	SSA3	0.00543	2.81600	Oversupply
1/7/2021 13:34	0:02	SSA3	0.00548	2.65700	Oversupply
1/7/2021 14:46	0:15	17-2	0.10226	0.71100	Oversupply
1/7/2021 14:47	0:01	SSA2	0.01447	1.61786	Oversupply
1/7/2021 14:47	0:02	SSA3	0.02626	2.11600	Oversupply
1/7/2021 14:48	0:01	SSA2	0.01447	0.56089	Oversupply
1/7/2021 14:49	0:01	SSA2	0.01447	0.53597	Oversupply
1/7/2021 14:49	0:02	SSA3	0.02626	0.66100	Oversupply
1/7/2021 14:50	0:01	SSA2	0.01447	0.51104	Oversupply
1/7/2021 14:51	0:01	SSA2	0.01447	0.88240	Oversupply
1/7/2021 14:51	0:02	SSA3	0.02626	0.82100	Oversupply
1/7/2021 14:52	0:01	SSA2	0.01447	1.25376	Oversupply
1/7/2021 14:53	0:01	SSA2	0.01447	1.48351	Oversupply
1/7/2021 14:53	0:02	SSA3	0.02626	0.76600	Oversupply
1/7/2021 14:54	0:01	SSA2	0.03627	1.71326	Oversupply
1/7/2021 14:55	0:01	SSA2	0.01427	2.04733	Oversupply
1/7/2021 14:55	0:02	SSA3	0.02604	1.00900	Oversupply
1/7/2021 14:56	0:01	SSA2	-0.00073	2.38140	Oversupply
1/7/2021 14:57	0:01	SSA2	-0.01473	1.99166	Oversupply
1/7/2021 14:57	0:02	SSA3	0.02626	1.78500	Oversupply
1/7/2021 14:58	0:01	SSA2	0.01427	1.60192	Oversupply
1/7/2021 15:33	0:02	SSA3	-0.00084	1.83400	Oversupply
1/7/2021 15:35	0:01	17-2	0.00119	0.62800	Oversupply
1/7/2021 15:35	0:02	SSA3	-0.00083	1.80400	Oversupply
1/7/2021 15:37	0:03	17-2	0.01232	0.64100	Oversupply
1/8/2021 8:33	0:01	AWE	0.00167	0.10000	Oversupply
1/8/2021 8:38	0:01	AWE	0.00333	0.20000	Oversupply
1/9/2021 13:27	0:01	AWE	0.00167	0.10000	Oversupply
1/9/2021 19:50	0:10	KWP11	0.35741	19.02302	Oversupply
1/9/2021 20:04	0:08	KWP11	0.17441	17.44326	Oversupply
1/9/2021 20:25	0:02	KWP11	0.03820	16.18184	Oversupply
1/9/2021 20:30	0:08	KWP11	0.30952	18.17277	Oversupply
1/9/2021 21:02	0:12	KWP11	0.54000	18.58193	Oversupply
1/9/2021 21:18	0:22	KWP11	1.13522	17.63686	Oversupply
1/9/2021 22:30	0:03	KWP11	0.14463	9.09237	Oversupply
1/10/2021 2:14	0:14	KWP11	0.61561	15.09807	Oversupply
1/10/2021 2:30	0:02	KWP11	0.01827	10.93360	Oversupply
1/10/2021 9:22	0:01	17-2	0.00076	0.19400	Oversupply
1/10/2021 9:40	1:04	17-2	0.50916	0.75000	Oversupply
1/10/2021 9:40	0:02	SSA3	0.01123	1.89700	Oversupply
1/10/2021 9:42	0:01	SSA2	0.01125	0.24418	Oversupply
1/10/2021 9:42	0:02	SSA3	0.01123	1.46900	Oversupply
1/10/2021 9:43	0:01	SSA2	0.00925	0.37346	Oversupply
1/10/2021 9:44	0:01	SSA2	-0.01375	0.50274	Oversupply
1/10/2021 9:44	0:02	SSA3	0.03403	0.47100	Oversupply
1/10/2021 9:45	0:01	SSA2	0.02420	0.31604	Oversupply
1/10/2021 9:46	0:01	SSA2	0.02420	0.12934	Oversupply
1/10/2021 9:46	0:02	SSA3	0.05289	0.04400	Oversupply
1/10/2021 9:47	0:01	SSA2	0.02420	0.12010	Oversupply
1/10/2021 9:48	0:01	SSA2	0.02420	0.11085	Oversupply
1/10/2021 9:48	0:02	SSA3	0.05334	1.39000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/10/2021 9:49	0:01	SSA2	0.02420	0.11447	Oversupply
1/10/2021 9:50	0:01	SSA2	0.02420	0.11810	Oversupply
1/10/2021 9:50	0:02	SSA3	0.05334	0.89300	Oversupply
1/10/2021 9:51	0:01	SSA2	0.02420	0.09503	Oversupply
1/10/2021 9:52	0:01	SSA2	0.02420	0.07197	Oversupply
1/10/2021 9:52	0:02	SSA3	0.05334	0.15100	Oversupply
1/10/2021 9:53	0:01	SSA2	0.02420	0.06144	Oversupply
1/10/2021 9:53	0:01	BS250	Data is not available	Data is not available	Oversupply
1/10/2021 9:53	0:02	KWP11	0.01619	8.56246	Oversupply
1/10/2021 9:54	0:01	SSA2	0.02420	0.05092	Oversupply
1/10/2021 9:54	0:02	SSA3	0.05334	0.01800	Oversupply
1/10/2021 9:55	0:01	SSA2	0.02420	0.07055	Oversupply
1/10/2021 9:56	0:01	SSA2	0.02420	0.09019	Oversupply
1/10/2021 9:56	0:02	SSA3	0.05334	0.14400	Oversupply
1/10/2021 9:57	0:01	SSA2	0.02420	0.24203	Oversupply
1/10/2021 9:58	0:01	SSA2	0.02420	0.39387	Oversupply
1/10/2021 9:58	0:02	SSA3	0.05407	0.13000	Oversupply
1/10/2021 9:59	0:01	SSA2	0.02420	0.24077	Oversupply
1/10/2021 10:00	0:01	SSA2	0.01638	0.08766	Oversupply
1/10/2021 10:00	0:13	BS250	Data is not available	Data is not available	Oversupply
1/10/2021 10:00	0:13	KWP11	0.56345	8.59639	Oversupply
1/10/2021 10:00	0:12	SSA3	0.37657	0.00800	Oversupply
1/10/2021 10:01	0:01	SSA2	0.01638	0.04443	Oversupply
1/10/2021 10:02	0:08	SSA2	0.13103	0.00120	Oversupply
1/10/2021 10:10	0:01	SSA2	0.01638	0.00146	Oversupply
1/10/2021 10:11	0:01	SSA2	0.01638	0.15245	Oversupply
1/10/2021 10:12	0:01	SSA2	0.01638	0.30345	Oversupply
1/10/2021 10:12	0:02	SSA3	0.06285	0.06300	Oversupply
1/10/2021 10:13	0:01	SSA2	0.01638	0.28057	Oversupply
1/10/2021 10:14	0:01	SSA2	0.01638	0.25769	Oversupply
1/10/2021 10:14	0:02	SSA3	0.06483	1.25700	Oversupply
1/10/2021 10:15	0:01	SSA2	0.01196	0.15512	Oversupply
1/10/2021 10:16	0:01	SSA2	0.01196	0.05255	Oversupply
1/10/2021 10:16	0:11	BS250	Data is not available	Data is not available	Oversupply
1/10/2021 10:16	0:12	KWP11	0.38808	6.17535	Oversupply
1/10/2021 10:16	0:12	SSA3	0.42331	0.02100	Oversupply
1/10/2021 10:17	0:01	SSA2	0.01196	0.02613	Oversupply
1/10/2021 10:18	0:08	SSA2	0.09570	-0.00030	Oversupply
1/10/2021 10:26	0:01	SSA2	0.01196	0.09656	Oversupply
1/10/2021 10:27	0:01	SSA2	0.01196	0.19187	Oversupply
1/10/2021 10:28	0:01	SSA2	0.01196	0.41023	Oversupply
1/10/2021 10:28	0:02	SSA3	0.06171	0.20600	Oversupply
1/10/2021 10:29	0:01	SSA2	0.01196	0.62859	Oversupply
1/10/2021 10:30	0:01	SSA2	0.02040	0.42868	Oversupply
1/10/2021 10:30	0:02	SSA3	0.04362	0.19200	Oversupply
1/10/2021 10:31	0:01	SSA2	0.02040	0.22878	Oversupply
1/10/2021 10:31	0:01	BS250	Data is not available	Data is not available	Oversupply
1/10/2021 10:32	0:01	SSA2	0.02040	0.46753	Oversupply
1/10/2021 10:32	0:01	KWP11	0.00487	3.66549	Oversupply
1/10/2021 10:32	0:02	SSA3	0.04362	0.18500	Oversupply
1/10/2021 10:33	0:01	SSA2	0.02040	0.70629	Oversupply
1/10/2021 10:34	0:01	SSA2	0.02040	0.67487	Oversupply
1/10/2021 10:34	0:02	SSA3	0.04362	0.57900	Oversupply
1/10/2021 10:35	0:01	SSA2	0.02040	0.64345	Oversupply
1/10/2021 10:36	0:01	SSA2	0.02040	0.69453	Oversupply
1/10/2021 10:36	0:02	SSA3	0.04362	0.56700	Oversupply
1/10/2021 10:37	0:01	SSA2	0.02040	0.74562	Oversupply
1/10/2021 10:38	0:01	SSA2	0.02040	0.75392	Oversupply
1/10/2021 10:38	0:02	SSA3	0.04362	0.09600	Oversupply
1/10/2021 10:39	0:01	SSA2	0.02040	0.76222	Oversupply
1/10/2021 10:40	0:01	SSA2	0.02040	1.05702	Oversupply
1/10/2021 10:40	0:02	SSA3	0.04362	1.17300	Oversupply
1/10/2021 10:41	0:01	SSA2	0.02040	1.35183	Oversupply
1/10/2021 10:42	0:01	SSA2	0.02040	2.00615	Oversupply
1/10/2021 10:44	0:01	SSA2	0.02040	2.25211	Oversupply
1/10/2021 10:44	0:02	SSA3	0.05268	2.39300	Oversupply
1/10/2021 10:45	0:01	SSA2	0.02514	1.84374	Oversupply
1/10/2021 10:46	0:01	SSA2	0.02514	1.53511	Oversupply
1/10/2021 10:46	1:55	17-2	1.28464	0.75000	Oversupply
1/10/2021 10:46	0:02	SSA3	0.05845	0.01100	Oversupply
1/10/2021 10:47	0:01	SSA2	0.02514	1.22648	Oversupply
1/10/2021 10:48	0:01	SSA2	0.02514	1.56338	Oversupply
1/10/2021 10:48	0:02	SSA3	0.05845	1.00400	Oversupply
1/10/2021 10:49	0:01	SSA2	0.02514	1.90028	Oversupply
1/10/2021 10:50	0:01	SSA2	0.02514	2.03513	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/10/2021 10:50	0:02	SSA3	0.05845	1.62500	Oversupply
1/10/2021 10:51	0:01	SSA2	0.02514	2.16997	Oversupply
1/10/2021 10:52	0:01	SSA2	0.02514	1.85118	Oversupply
1/10/2021 10:52	0:02	SSA3	0.05845	1.62100	Oversupply
1/10/2021 10:53	0:01	SSA2	0.02514	1.53240	Oversupply
1/10/2021 10:54	0:01	SSA2	0.02514	0.83762	Oversupply
1/10/2021 10:54	0:02	SSA3	0.05845	0.18700	Oversupply
1/10/2021 10:55	0:01	SSA2	0.04167	0.14283	Oversupply
1/10/2021 10:56	0:01	SSA2	0.02514	0.08667	Oversupply
1/10/2021 10:56	0:01	BS250	Data is not available	Data is not available	Oversupply
1/10/2021 10:56	0:02	SSA3	0.05845	0.02300	Oversupply
1/10/2021 10:57	0:01	SSA2	0.02514	0.03051	Oversupply
1/10/2021 10:57	0:01	KWP11	0.00729	5.72926	Oversupply
1/10/2021 10:58	0:01	SSA2	0.02514	0.08247	Oversupply
1/10/2021 10:58	0:02	SSA3	0.05790	0.13800	Oversupply
1/10/2021 10:59	0:01	SSA2	0.02514	0.13443	Oversupply
1/10/2021 11:00	0:01	SSA2	0.02556	0.16824	Oversupply
1/10/2021 11:00	0:02	SSA3	0.06005	0.12200	Oversupply
1/10/2021 11:01	0:01	SSA2	0.02556	0.20205	Oversupply
1/10/2021 11:02	0:01	SSA2	0.02556	0.52368	Oversupply
1/10/2021 11:02	0:02	SSA3	0.06055	0.33900	Oversupply
1/10/2021 11:03	0:01	SSA2	0.02556	0.84531	Oversupply
1/10/2021 11:04	0:01	SSA2	0.02556	1.18607	Oversupply
1/10/2021 11:04	0:02	SSA3	0.06055	1.47400	Oversupply
1/10/2021 11:05	0:01	SSA2	0.02556	1.52682	Oversupply
1/10/2021 11:06	0:01	SSA2	0.02556	1.67363	Oversupply
1/10/2021 11:06	0:02	SSA3	0.06055	0.24400	Oversupply
1/10/2021 11:07	0:01	SSA2	0.02556	1.82044	Oversupply
1/10/2021 11:08	0:01	SSA2	0.02556	1.82210	Oversupply
1/10/2021 11:08	0:02	SSA3	0.06055	1.50800	Oversupply
1/10/2021 11:09	0:01	SSA2	0.02556	1.82375	Oversupply
1/10/2021 11:10	0:01	SSA2	0.02556	1.30454	Oversupply
1/10/2021 11:10	0:02	SSA3	0.06055	0.42600	Oversupply
1/10/2021 11:11	0:01	SSA2	0.02556	0.78532	Oversupply
1/10/2021 11:12	0:01	SSA2	0.02556	0.41625	Oversupply
1/10/2021 11:12	0:22	SSA3	0.95010	0.04300	Oversupply
1/10/2021 11:13	0:01	SSA2	0.02556	0.04718	Oversupply
1/10/2021 11:13	0:22	BS250	Data is not available	Data is not available	Oversupply
1/10/2021 11:14	0:01	SSA2	0.02556	0.02516	Oversupply
1/10/2021 11:14	0:23	KWP11	0.69723	4.67742	Oversupply
1/10/2021 11:15	0:18	SSA2	0.71324	0.00314	Oversupply
1/10/2021 11:25	0:01	AWE	0.00068	17.00000	Oversupply
1/10/2021 11:30	0:01	AWE	0.01522	16.80000	Oversupply
1/10/2021 11:33	0:01	SSA2	0.04010	0.00196	Oversupply
1/10/2021 11:34	0:01	SSA2	0.04010	0.01360	Oversupply
1/10/2021 11:34	0:01	AWE	0.00589	17.10000	Oversupply
1/10/2021 11:35	0:01	SSA2	0.04010	0.02524	Oversupply
1/10/2021 11:35	0:02	SSA3	0.09094	0.03900	Oversupply
1/10/2021 11:36	0:01	SSA2	0.04010	0.05053	Oversupply
1/10/2021 11:37	0:01	SSA2	0.04010	0.07582	Oversupply
1/10/2021 11:37	0:04	BS250	Data is not available	Data is not available	Oversupply
1/10/2021 11:37	0:02	SSA3	0.09094	0.08000	Oversupply
1/10/2021 11:38	0:01	SSA2	0.04010	0.08731	Oversupply
1/10/2021 11:38	0:03	KWP11	0.02412	1.01093	Oversupply
1/10/2021 11:39	0:01	SSA2	0.04010	0.09881	Oversupply
1/10/2021 11:39	0:01	AWE	0.00657	16.90000	Oversupply
1/10/2021 11:39	0:02	SSA3	0.09094	0.00000	Oversupply
1/10/2021 11:40	0:01	SSA2	0.04010	0.39873	Oversupply
1/10/2021 11:41	0:01	SSA2	0.04010	0.69865	Oversupply
1/10/2021 11:41	0:02	SSA3	0.09094	0.11000	Oversupply
1/10/2021 11:42	0:01	SSA2	0.04010	0.37474	Oversupply
1/10/2021 11:42	0:03	BS250	Data is not available	Data is not available	Oversupply
1/10/2021 11:43	0:01	SSA2	0.04010	0.05084	Oversupply
1/10/2021 11:43	0:03	KWP11	0.01260	0.39319	Oversupply
1/10/2021 11:43	0:02	SSA3	0.09024	-0.00100	Oversupply
1/10/2021 11:44	0:01	SSA2	0.04010	0.06675	Oversupply
1/10/2021 11:44	0:02	AWE	0.01551	15.80000	Oversupply
1/10/2021 11:45	0:01	SSA2	0.03149	0.08266	Oversupply
1/10/2021 11:45	0:02	SSA3	0.08253	0.04300	Oversupply
1/10/2021 11:46	0:01	SSA2	0.03149	0.04602	Oversupply
1/10/2021 11:46	0:01	BS250	Data is not available	Data is not available	Oversupply
1/10/2021 11:47	0:01	SSA2	0.03149	0.00939	Oversupply
1/10/2021 11:47	0:03	KWP11	0.02130	0.67861	Oversupply
1/10/2021 11:47	0:04	SSA3	0.16644	0.03400	Oversupply
1/10/2021 11:48	0:01	SSA2	0.03149	0.00839	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/10/2021 11:48	0:02	AWE	0.00609	17.00000	Oversupply
1/10/2021 11:48	0:02	BS250	Data is not available	Data is not available	Oversupply
1/10/2021 11:49	0:01	SSA2	0.03149	0.00739	Oversupply
1/10/2021 11:50	0:01	SSA2	0.03149	0.04831	Oversupply
1/10/2021 11:51	0:01	SSA2	0.03149	0.08923	Oversupply
1/10/2021 11:51	0:01	KWP11	0.00213	0.42413	Oversupply
1/10/2021 11:51	0:02	SSA3	0.08322	0.08800	Oversupply
1/10/2021 11:52	0:01	SSA2	0.03149	0.06644	Oversupply
1/10/2021 11:53	0:01	SSA2	0.03149	0.04365	Oversupply
1/10/2021 11:53	0:01	BS250	Data is not available	Data is not available	Oversupply
1/10/2021 11:53	0:02	SSA3	0.08322	0.01000	Oversupply
1/10/2021 11:54	0:01	SSA2	0.03149	0.23923	Oversupply
1/10/2021 11:55	0:01	SSA2	0.03149	0.43480	Oversupply
1/10/2021 11:55	0:02	SSA3	0.08322	0.61100	Oversupply
1/10/2021 11:56	0:01	SSA2	0.03149	0.37759	Oversupply
1/10/2021 11:57	0:01	SSA2	0.03149	0.32038	Oversupply
1/10/2021 11:57	0:01	KWP11	0.00694	1.28636	Oversupply
1/10/2021 11:57	0:02	SSA3	0.08322	0.03700	Oversupply
1/10/2021 11:58	0:01	SSA2	0.03149	0.76938	Oversupply
1/10/2021 11:59	0:01	SSA2	0.03149	1.21839	Oversupply
1/10/2021 11:59	0:02	SSA3	0.08913	1.05000	Oversupply
1/10/2021 12:00	0:01	SSA2	0.04378	0.66615	Oversupply
1/10/2021 12:00	0:39	BS250	Data is not available	Data is not available	Oversupply
1/10/2021 12:01	0:01	SSA2	0.04378	0.11392	Oversupply
1/10/2021 12:01	0:15	AWE	0.48935	16.20000	Oversupply
1/10/2021 12:01	0:39	KWP11	1.26990	3.91697	Oversupply
1/10/2021 12:01	0:38	SSA3	1.77656	0.00300	Oversupply
1/10/2021 12:02	0:01	SSA2	0.04378	0.05596	Oversupply
1/10/2021 12:03	0:33	SSA2	1.37205	-0.00200	Oversupply
1/10/2021 12:17	0:01	AWE	0.00068	16.00000	Oversupply
1/10/2021 12:20	0:01	AWE	0.00739	16.20000	Oversupply
1/10/2021 12:26	0:01	AWE	0.00506	16.20000	Oversupply
1/10/2021 12:30	0:01	AWE	0.00216	15.90000	Oversupply
1/10/2021 12:32	0:02	AWE	0.00674	15.20000	Oversupply
1/10/2021 12:36	0:01	SSA2	0.03416	0.00128	Oversupply
1/10/2021 12:37	0:01	SSA2	0.03416	0.00118	Oversupply
1/10/2021 12:38	0:01	SSA2	0.03416	0.06208	Oversupply
1/10/2021 12:41	0:01	SSA2	0.03416	0.11649	Oversupply
1/10/2021 12:41	0:02	SSA3	0.08705	0.14000	Oversupply
1/10/2021 12:42	0:01	SSA2	0.03416	0.28622	Oversupply
1/10/2021 12:42	0:03	17-2	0.03209	0.75000	Oversupply
1/10/2021 12:43	0:01	SSA2	0.03416	0.45596	Oversupply
1/10/2021 12:49	0:10	17-2	0.08034	0.75000	Oversupply
1/10/2021 12:49	0:02	SSA3	0.01423	2.77800	Oversupply
1/10/2021 12:51	0:02	SSA3	0.01435	2.79200	Oversupply
1/10/2021 12:53	0:01	SSA2	0.00277	1.54028	Oversupply
1/10/2021 12:53	0:02	SSA3	0.01435	1.94900	Oversupply
1/10/2021 12:54	0:01	SSA2	0.00277	2.15699	Oversupply
1/10/2021 12:55	0:01	SSA2	0.00277	2.77369	Oversupply
1/10/2021 12:55	0:02	SSA3	0.01435	2.77500	Oversupply
1/10/2021 13:00	0:05	17-2	0.03067	0.75000	Oversupply
1/10/2021 13:01	0:01	SSA2	0.00704	2.42481	Oversupply
1/10/2021 13:01	0:02	SSA3	0.01575	2.78700	Oversupply
1/10/2021 13:11	0:01	KWP11	0.00073	0.04391	Oversupply
1/10/2021 13:13	0:01	17-2	0.00229	0.43500	Oversupply
1/10/2021 13:15	0:01	SSA2	0.01063	2.76151	Oversupply
1/10/2021 13:15	0:08	17-2	0.07777	0.75000	Oversupply
1/10/2021 13:15	0:02	SSA3	0.01842	2.73200	Oversupply
1/10/2021 13:16	0:01	SSA2	0.01063	2.56880	Oversupply
1/10/2021 13:17	0:01	SSA2	0.01063	2.26730	Oversupply
1/10/2021 13:17	0:02	SSA3	0.01857	0.96700	Oversupply
1/10/2021 13:18	0:01	SSA2	0.01063	1.96579	Oversupply
1/10/2021 13:19	0:01	SSA2	0.01063	1.82794	Oversupply
1/10/2021 13:19	0:02	SSA3	0.01857	1.51100	Oversupply
1/10/2021 13:20	0:01	SSA2	0.01063	1.69009	Oversupply
1/10/2021 13:21	0:01	SSA2	0.01063	2.34200	Oversupply
1/10/2021 13:27	0:14	17-2	0.05913	0.75000	Oversupply
1/10/2021 13:34	0:02	SSA3	0.01288	2.71000	Oversupply
1/10/2021 13:36	0:02	SSA3	0.01298	1.60100	Oversupply
1/10/2021 13:37	0:01	SSA2	0.00787	2.67606	Oversupply
1/10/2021 13:38	0:01	SSA2	0.00787	2.81630	Oversupply
1/10/2021 13:46	0:02	17-2	0.00866	0.75000	Oversupply
1/10/2021 13:49	0:01	17-2	0.00146	0.25900	Oversupply
1/10/2021 13:50	0:02	SSA3	0.01355	2.66600	Oversupply
1/10/2021 13:51	0:01	SSA2	0.00965	2.12727	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/10/2021 13:51	0:32	17-2	0.32943	0.75000	Oversupply
1/10/2021 13:52	0:01	SSA2	0.00965	2.83597	Oversupply
1/10/2021 13:52	0:02	SSA3	0.01355	2.68500	Oversupply
1/10/2021 13:53	0:01	SSA2	0.00965	1.97920	Oversupply
1/10/2021 13:54	0:01	SSA2	0.00965	1.12243	Oversupply
1/10/2021 13:54	0:02	SSA3	0.01355	0.06900	Oversupply
1/10/2021 13:58	0:01	SSA2	0.00965	0.63574	Oversupply
1/10/2021 13:58	0:02	SSA3	0.01622	1.65600	Oversupply
1/10/2021 13:59	0:01	SSA2	0.00965	1.67917	Oversupply
1/10/2021 14:01	0:01	SSA2	0.02195	2.35746	Oversupply
1/10/2021 14:02	0:01	SSA2	0.02195	1.99232	Oversupply
1/10/2021 14:03	0:01	SSA2	0.02195	2.08238	Oversupply
1/10/2021 14:04	0:01	SSA2	0.02195	2.17245	Oversupply
1/10/2021 14:04	0:02	SSA3	0.04224	2.05200	Oversupply
1/10/2021 14:05	0:01	SSA2	0.02195	1.98526	Oversupply
1/10/2021 14:06	0:01	SSA2	0.02195	1.79806	Oversupply
1/10/2021 14:06	0:02	SSA3	0.04189	1.21900	Oversupply
1/10/2021 14:07	0:01	SSA2	0.02195	2.06477	Oversupply
1/10/2021 14:08	0:01	SSA2	0.02195	2.33147	Oversupply
1/10/2021 14:09	0:01	SSA2	0.02195	1.39124	Oversupply
1/10/2021 14:10	0:01	SSA2	0.02195	0.45100	Oversupply
1/10/2021 14:10	0:02	SSA3	0.04224	0.08300	Oversupply
1/10/2021 14:11	0:01	SSA2	0.02195	0.66280	Oversupply
1/10/2021 14:12	0:01	SSA2	0.02195	0.87459	Oversupply
1/10/2021 14:12	0:02	SSA3	0.04224	0.47000	Oversupply
1/10/2021 14:13	0:01	SSA2	0.02195	0.66061	Oversupply
1/10/2021 14:14	0:01	SSA2	0.02195	0.44663	Oversupply
1/10/2021 14:14	0:02	SSA3	0.04311	0.54900	Oversupply
1/10/2021 14:15	0:01	SSA2	0.02445	0.47533	Oversupply
1/10/2021 14:16	0:01	SSA2	0.02445	0.50403	Oversupply
1/10/2021 14:16	0:02	SSA3	0.04013	0.33300	Oversupply
1/10/2021 14:17	0:01	SSA2	0.02445	0.67368	Oversupply
1/10/2021 14:18	0:01	SSA2	0.02445	0.84333	Oversupply
1/10/2021 14:18	0:02	SSA3	0.04013	0.40500	Oversupply
1/10/2021 14:19	0:01	SSA2	0.02445	1.03312	Oversupply
1/10/2021 14:20	0:01	SSA2	0.02445	1.22292	Oversupply
1/10/2021 14:20	0:02	SSA3	0.04013	1.31700	Oversupply
1/10/2021 14:21	0:01	SSA2	0.02445	1.63607	Oversupply
1/10/2021 14:24	0:15	17-2	0.12782	0.75000	Oversupply
1/10/2021 14:25	0:01	SSA2	0.02445	1.81435	Oversupply
1/10/2021 14:26	0:01	SSA2	0.02445	2.13819	Oversupply
1/10/2021 14:26	0:02	SSA3	0.04013	2.45200	Oversupply
1/10/2021 14:27	0:01	SSA2	0.02445	1.31793	Oversupply
1/10/2021 14:28	0:01	SSA2	0.02445	0.49767	Oversupply
1/10/2021 14:28	0:02	SSA3	0.03753	1.18800	Oversupply
1/10/2021 14:29	0:01	SSA2	0.02445	1.10943	Oversupply
1/10/2021 14:30	0:01	SSA2	0.00800	1.72119	Oversupply
1/10/2021 14:30	0:02	SSA3	0.01218	1.97600	Oversupply
1/10/2021 14:31	0:01	SSA2	0.00800	1.74962	Oversupply
1/10/2021 14:32	0:01	SSA2	0.00800	1.77805	Oversupply
1/10/2021 14:32	0:02	SSA3	0.01218	0.96200	Oversupply
1/10/2021 14:33	0:01	SSA2	0.00800	1.86716	Oversupply
1/10/2021 14:34	0:01	SSA2	0.00800	1.95627	Oversupply
1/10/2021 14:34	0:02	SSA3	0.01208	1.59000	Oversupply
1/10/2021 14:35	0:01	SSA2	0.00800	2.40049	Oversupply
1/10/2021 14:40	0:04	17-2	0.00150	0.75000	Oversupply
1/10/2021 14:45	0:02	17-2	0.00052	0.75000	Oversupply
1/10/2021 14:49	0:01	17-2	0.00050	0.75000	Oversupply
1/10/2021 14:53	0:01	17-2	0.00050	0.75000	Oversupply
1/10/2021 14:56	0:03	17-2	0.00102	0.75000	Oversupply
1/10/2021 15:00	0:08	17-2	0.03652	0.75000	Oversupply
1/10/2021 15:04	0:02	SSA3	0.00608	0.15500	Oversupply
1/10/2021 15:36	0:02	SSA3	0.00776	1.87900	Oversupply
1/10/2021 15:37	0:04	17-2	0.01586	0.56900	Oversupply
1/10/2021 15:38	0:02	SSA3	0.00776	0.16900	Oversupply
1/10/2021 15:54	0:01	SSA2	0.00212	1.79253	Oversupply
1/10/2021 15:55	0:03	17-2	0.01505	0.54800	Oversupply
1/10/2021 15:55	0:02	SSA3	0.00191	0.36700	Oversupply
1/10/2021 22:33	0:09	KWPPI	1.03447	17.87338	Oversupply
1/10/2021 23:29	0:10	KWPPI	0.29111	17.12890	Oversupply
1/11/2021 0:07	0:03	KWPPI	0.10169	12.74688	Oversupply
1/11/2021 0:12	0:01	KWPPI	0.00181	13.23887	Oversupply
1/11/2021 0:14	0:01	KWPPI	0.01207	12.29681	Oversupply
1/11/2021 0:28	0:03	KWPPI	0.04932	13.12411	Oversupply
1/12/2021 6:06	0:01	KWPPI	0.00027	0.01597	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/13/2021 0:27	0:02	KWP11	0.01971	12.45847	Oversupply
1/13/2021 0:39	0:02	KWP11	0.02305	12.90256	Oversupply
1/13/2021 0:50	2:05	KWP11	9.75524	16.23274	Oversupply
1/13/2021 2:56	0:38	KWP11	2.20341	12.73092	Oversupply
1/13/2021 3:37	0:17	KWP11	0.74643	11.31083	Oversupply
1/13/2021 3:57	0:27	KWP11	1.21026	12.48642	Oversupply
1/13/2021 4:31	0:04	KWP11	0.12087	13.70692	Oversupply
1/13/2021 10:44	0:01	AWE	0.00167	0.10000	Oversupply
1/14/2021 7:53	0:01	BS250	Data is not available	Data is not available	Oversupply
1/14/2021 7:55	0:01	BS250	Data is not available	Data is not available	Oversupply
1/14/2021 7:55	0:01	KWP11	0.00465	17.20176	Oversupply
1/14/2021 7:55	0:05	17-2	0.00180	0.03000	Oversupply
1/14/2021 7:56	0:01	SSA2	0.00175	0.08922	Oversupply
1/14/2021 7:56	0:02	SSA3	0.00705	0.07100	Oversupply
1/14/2021 7:57	0:02	BS250	Data is not available	Data is not available	Oversupply
1/14/2021 7:57	0:03	KWP11	0.02995	16.93331	Oversupply
1/14/2021 7:58	0:02	SSA3	0.00427	0.01400	Oversupply
1/14/2021 8:01	0:04	17-2	0.00150	0.04300	Oversupply
1/14/2021 8:02	0:01	KWP11	0.00041	17.23070	Oversupply
1/14/2021 8:02	0:02	SSA3	0.00700	0.17300	Oversupply
1/14/2021 8:04	0:01	BS250	Data is not available	Data is not available	Oversupply
1/14/2021 8:04	0:01	KWP11	0.00001	17.56102	Oversupply
1/14/2021 10:29	0:03	17-2	0.01983	0.74800	Oversupply
1/14/2021 10:33	0:01	17-2	0.00774	0.74800	Oversupply
1/14/2021 10:33	0:02	SSA3	0.01934	2.40100	Oversupply
1/14/2021 10:34	0:01	SSA2	0.00876	1.15493	Oversupply
1/14/2021 10:35	0:01	SSA2	0.00876	0.32003	Oversupply
1/14/2021 10:35	0:06	17-2	0.06911	0.74800	Oversupply
1/14/2021 10:35	0:02	SSA3	0.01918	0.02600	Oversupply
1/14/2021 10:36	0:01	SSA2	0.00876	0.66786	Oversupply
1/14/2021 10:37	0:01	SSA2	0.00876	1.01570	Oversupply
1/14/2021 10:37	0:02	SSA3	0.01918	0.94600	Oversupply
1/14/2021 10:42	3:00	17-2	1.84275	0.75000	Oversupply
1/14/2021 10:43	0:01	SSA2	0.00876	2.15476	Oversupply
1/14/2021 10:43	0:02	SSA3	0.02678	2.45500	Oversupply
1/14/2021 10:44	0:01	SSA2	0.00876	1.47396	Oversupply
1/14/2021 10:45	0:01	SSA2	0.01717	0.79316	Oversupply
1/14/2021 10:45	0:02	SSA3	0.03963	1.00100	Oversupply
1/14/2021 10:46	0:01	SSA2	0.01717	0.97776	Oversupply
1/14/2021 10:47	0:01	SSA2	0.01717	1.16235	Oversupply
1/14/2021 10:47	0:02	SSA3	0.03963	1.10800	Oversupply
1/14/2021 10:48	0:01	SSA2	0.01717	1.35772	Oversupply
1/14/2021 10:49	0:01	SSA2	0.01717	1.55309	Oversupply
1/14/2021 10:49	0:02	SSA3	0.03963	1.26200	Oversupply
1/14/2021 10:50	0:01	SSA2	0.01717	1.56339	Oversupply
1/14/2021 10:51	0:01	SSA2	0.01717	1.57369	Oversupply
1/14/2021 10:52	0:01	SSA2	0.01717	1.22813	Oversupply
1/14/2021 10:52	0:02	SSA3	0.03996	1.66000	Oversupply
1/14/2021 10:53	0:01	SSA2	0.01717	0.88258	Oversupply
1/14/2021 10:54	0:01	SSA2	0.01717	1.01880	Oversupply
1/14/2021 10:54	0:02	SSA3	0.03963	0.09500	Oversupply
1/14/2021 10:55	0:01	SSA2	0.01717	1.15501	Oversupply
1/14/2021 10:56	0:01	SSA2	0.01717	1.49467	Oversupply
1/14/2021 10:56	0:02	SSA3	0.03931	1.45100	Oversupply
1/14/2021 10:57	0:01	SSA2	0.01717	1.83433	Oversupply
1/14/2021 10:58	0:01	SSA2	0.01717	1.30455	Oversupply
1/14/2021 10:58	0:02	SSA3	0.04008	2.03900	Oversupply
1/14/2021 10:59	0:01	SSA2	0.01717	0.77477	Oversupply
1/14/2021 11:00	0:01	SSA2	0.02270	1.17625	Oversupply
1/14/2021 11:00	0:02	SSA3	0.05498	1.86800	Oversupply
1/14/2021 11:01	0:01	SSA2	0.02270	1.57772	Oversupply
1/14/2021 11:02	0:01	SSA2	0.02270	1.07776	Oversupply
1/14/2021 11:02	0:02	SSA3	0.05453	0.98300	Oversupply
1/14/2021 11:03	0:01	SSA2	0.02270	0.57780	Oversupply
1/14/2021 11:04	0:01	SSA2	0.02270	0.74151	Oversupply
1/14/2021 11:04	0:02	SSA3	0.05453	0.19500	Oversupply
1/14/2021 11:05	0:01	SSA2	0.02270	0.90521	Oversupply
1/14/2021 11:06	0:01	SSA2	0.02270	0.87892	Oversupply
1/14/2021 11:06	0:02	SSA3	0.05453	1.02300	Oversupply
1/14/2021 11:07	0:01	SSA2	0.02270	0.85263	Oversupply
1/14/2021 11:08	0:01	SSA2	0.02270	1.12951	Oversupply
1/14/2021 11:08	0:02	SSA3	0.05453	0.54200	Oversupply
1/14/2021 11:09	0:01	SSA2	0.02270	1.40640	Oversupply
1/14/2021 11:10	0:01	SSA2	0.02270	1.20559	Oversupply
1/14/2021 11:10	0:02	SSA3	0.05453	0.65700	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/14/2021 11:11	0:01	SSA2	0.02270	1.00479	Oversupply
1/14/2021 11:12	0:01	SSA2	0.02270	1.35001	Oversupply
1/14/2021 11:12	0:02	SSA3	0.05453	0.41500	Oversupply
1/14/2021 11:13	0:01	SSA2	0.02270	1.69523	Oversupply
1/14/2021 11:14	0:01	SSA2	0.02270	1.09325	Oversupply
1/14/2021 11:14	0:02	SSA3	0.06102	1.28600	Oversupply
1/14/2021 11:15	0:01	SSA2	0.03398	0.49127	Oversupply
1/14/2021 11:16	0:01	SSA2	0.03398	0.29766	Oversupply
1/14/2021 11:16	0:02	SSA3	0.06955	0.47800	Oversupply
1/14/2021 11:17	0:01	SSA2	0.03398	0.10405	Oversupply
1/14/2021 11:18	0:01	SSA2	0.03398	0.13185	Oversupply
1/14/2021 11:18	0:02	SSA3	0.06955	0.52100	Oversupply
1/14/2021 11:19	0:01	SSA2	0.03398	0.15966	Oversupply
1/14/2021 11:20	0:01	SSA2	0.03398	0.30669	Oversupply
1/14/2021 11:20	0:02	SSA3	0.06955	0.26200	Oversupply
1/14/2021 11:21	0:01	SSA2	0.03398	0.45373	Oversupply
1/14/2021 11:22	0:01	SSA2	0.03398	0.73605	Oversupply
1/14/2021 11:22	0:02	SSA3	0.06897	0.92900	Oversupply
1/14/2021 11:23	0:01	SSA2	0.03398	1.01836	Oversupply
1/14/2021 11:24	0:01	SSA2	0.03398	0.60695	Oversupply
1/14/2021 11:24	0:02	SSA3	0.06955	1.18300	Oversupply
1/14/2021 11:25	0:01	SSA2	0.03398	0.19553	Oversupply
1/14/2021 11:26	0:01	SSA2	0.03398	0.09931	Oversupply
1/14/2021 11:26	0:01	BS250	Data is not available	Data is not available	Oversupply
1/14/2021 11:26	0:01	KWP11	0.00008	3.58466	Oversupply
1/14/2021 11:26	0:02	SSA3	0.06955	0.01000	Oversupply
1/14/2021 11:27	0:01	SSA2	0.03398	0.00308	Oversupply
1/14/2021 11:28	0:01	SSA2	0.03398	0.00134	Oversupply
1/14/2021 11:28	0:02	SSA3	0.06976	0.45500	Oversupply
1/14/2021 11:29	0:01	SSA2	0.03398	-0.00041	Oversupply
1/14/2021 11:30	0:01	SSA2	0.03508	0.09508	Oversupply
1/14/2021 11:30	0:02	SSA3	0.07265	0.68300	Oversupply
1/14/2021 11:31	0:01	SSA2	0.03508	0.19058	Oversupply
1/14/2021 11:32	0:01	SSA2	0.03508	0.40918	Oversupply
1/14/2021 11:32	0:02	SSA3	0.07325	1.08600	Oversupply
1/14/2021 11:33	0:01	SSA2	0.03508	0.62778	Oversupply
1/14/2021 11:34	0:01	SSA2	0.03508	0.93518	Oversupply
1/14/2021 11:34	0:02	SSA3	0.07205	0.56800	Oversupply
1/14/2021 11:35	0:01	SSA2	0.03508	1.24259	Oversupply
1/14/2021 11:36	0:01	SSA2	0.03508	0.90261	Oversupply
1/14/2021 11:36	0:02	SSA3	0.07265	1.23300	Oversupply
1/14/2021 11:37	0:01	SSA2	0.03508	0.56263	Oversupply
1/14/2021 11:38	0:01	SSA2	0.03508	0.46685	Oversupply
1/14/2021 11:38	0:02	SSA3	0.07265	0.41000	Oversupply
1/14/2021 11:39	0:01	SSA2	0.03508	0.37107	Oversupply
1/14/2021 11:40	0:01	SSA2	0.03508	0.22339	Oversupply
1/14/2021 11:40	0:02	SSA3	0.07265	0.29800	Oversupply
1/14/2021 11:41	0:01	SSA2	0.03508	0.07571	Oversupply
1/14/2021 11:41	0:04	BS250	Data is not available	Data is not available	Oversupply
1/14/2021 11:41	0:05	KWP11	0.04113	1.77137	Oversupply
1/14/2021 11:42	0:01	SSA2	0.03508	0.03685	Oversupply
1/14/2021 11:42	0:06	SSA3	0.23860	0.00400	Oversupply
1/14/2021 11:43	0:03	SSA2	0.11129	-0.00200	Oversupply
1/14/2021 11:46	0:01	SSA2	0.04112	0.06303	Oversupply
1/14/2021 11:46	0:02	BS250	Data is not available	Data is not available	Oversupply
1/14/2021 11:47	0:02	SSA2	0.08224	0.12801	Oversupply
1/14/2021 11:47	0:01	KWP11	0.00562	0.97700	Oversupply
1/14/2021 11:48	0:02	SSA3	0.08557	0.08200	Oversupply
1/14/2021 11:49	0:01	SSA2	0.04112	0.12847	Oversupply
1/14/2021 11:50	0:01	SSA2	0.04112	0.25315	Oversupply
1/14/2021 11:50	0:02	SSA3	0.08557	0.47300	Oversupply
1/14/2021 11:51	0:01	SSA2	0.04112	0.30700	Oversupply
1/14/2021 11:52	0:01	SSA2	0.04112	0.36085	Oversupply
1/14/2021 11:52	0:02	SSA3	0.08628	0.43500	Oversupply
1/14/2021 11:53	0:01	SSA2	0.04112	0.29430	Oversupply
1/14/2021 11:54	0:01	SSA2	0.04112	0.22775	Oversupply
1/14/2021 11:54	0:02	SSA3	0.08557	0.04700	Oversupply
1/14/2021 11:55	0:01	SSA2	0.04112	0.11297	Oversupply
1/14/2021 11:55	0:01	AWE	0.00723	16.20000	Oversupply
1/14/2021 11:55	0:01	KWP11	0.00157	0.17165	Oversupply
1/14/2021 11:55	0:02	BS250	Data is not available	Data is not available	Oversupply
1/14/2021 11:56	0:01	SSA2	0.04112	-0.00182	Oversupply
1/14/2021 11:56	0:02	SSA3	0.08557	0.01100	Oversupply
1/14/2021 11:57	0:01	SSA2	0.04112	-0.00191	Oversupply
1/14/2021 11:58	0:01	SSA2	0.04112	-0.00200	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/14/2021 11:58	0:02	SSA3	0.08751	0.20800	Oversupply
1/14/2021 11:59	0:01	SSA2	0.04112	-0.00178	Oversupply
1/14/2021 12:00	0:03	SSA2	0.13343	-0.00157	Oversupply
1/14/2021 12:00	0:05	BS250	Data is not available	Data is not available	Oversupply
1/14/2021 12:00	0:06	SSA3	0.28170	0.02000	Oversupply
1/14/2021 12:01	1:18	AWE	1.33536	17.40000	Oversupply
1/14/2021 12:03	0:01	SSA2	0.04448	0.00042	Oversupply
1/14/2021 12:04	0:01	SSA2	0.04448	0.00083	Oversupply
1/14/2021 12:05	0:01	SSA2	0.04448	0.00221	Oversupply
1/14/2021 12:06	0:03	SSA2	0.13343	0.00359	Oversupply
1/14/2021 12:06	0:06	BS250	Data is not available	Data is not available	Oversupply
1/14/2021 12:06	0:06	SSA3	0.28170	0.03300	Oversupply
1/14/2021 12:09	0:01	SSA2	0.04448	0.00069	Oversupply
1/14/2021 12:10	0:01	SSA2	0.04448	-0.00006	Oversupply
1/14/2021 12:11	0:01	SSA2	0.04448	0.00178	Oversupply
1/14/2021 12:12	0:01	SSA2	0.04448	0.00361	Oversupply
1/14/2021 12:12	1:09	SSA3	3.21796	0.04800	Oversupply
1/14/2021 12:13	0:01	SSA2	0.04448	0.00263	Oversupply
1/14/2021 12:13	0:03	BS250	Data is not available	Data is not available	Oversupply
1/14/2021 12:14	0:01	SSA2	0.04448	0.00165	Oversupply
1/14/2021 12:15	1:02	SSA2	2.80872	0.00075	Oversupply
1/14/2021 12:17	1:03	BS250	Data is not available	Data is not available	Oversupply
1/14/2021 13:17	0:01	SSA2	0.04512	0.00526	Oversupply
1/14/2021 13:18	0:01	SSA2	0.04512	0.01071	Oversupply
1/14/2021 13:19	0:01	SSA2	0.04512	0.09301	Oversupply
1/14/2021 13:20	0:01	SSA2	0.04512	0.17532	Oversupply
1/14/2021 13:20	0:01	KWPll	0.00042	0.02495	Oversupply
1/14/2021 13:21	0:01	SSA2	0.04512	0.09829	Oversupply
1/14/2021 13:21	0:02	BS250	Data is not available	Data is not available	Oversupply
1/14/2021 13:21	0:02	SSA3	0.09192	0.03000	Oversupply
1/14/2021 13:22	0:01	SSA2	0.04512	0.02126	Oversupply
1/14/2021 13:23	0:01	SSA2	0.04512	0.02270	Oversupply
1/14/2021 13:23	0:01	KWPll	0.00287	0.31036	Oversupply
1/14/2021 13:23	0:02	SSA3	0.09116	0.00500	Oversupply
1/14/2021 13:24	0:01	SSA2	0.04512	0.02414	Oversupply
1/14/2021 13:25	0:01	SSA2	0.04512	0.09452	Oversupply
1/14/2021 13:25	0:02	SSA3	0.09192	0.17100	Oversupply
1/14/2021 13:26	0:01	SSA2	0.04512	0.16489	Oversupply
1/14/2021 13:27	0:01	SSA2	0.04512	0.10134	Oversupply
1/14/2021 13:27	0:02	SSA3	0.09192	0.19200	Oversupply
1/14/2021 13:28	0:01	SSA2	0.04512	0.03780	Oversupply
1/14/2021 13:29	0:01	SSA2	0.04512	0.04049	Oversupply
1/14/2021 13:29	0:02	BS250	Data is not available	Data is not available	Oversupply
1/14/2021 13:29	0:02	KWPll	0.01858	1.59174	Oversupply
1/14/2021 13:29	0:02	SSA3	0.06470	0.01000	Oversupply
1/14/2021 13:30	0:01	SSA2	0.02533	0.04319	Oversupply
1/14/2021 13:31	0:01	SSA2	0.02533	0.20843	Oversupply
1/14/2021 13:31	0:02	SSA3	0.04827	0.36600	Oversupply
1/14/2021 13:32	0:01	SSA2	0.02533	0.37367	Oversupply
1/14/2021 13:33	0:01	SSA2	0.02533	0.38097	Oversupply
1/14/2021 13:33	0:02	SSA3	0.04827	1.25700	Oversupply
1/14/2021 13:34	0:01	SSA2	0.02533	0.38827	Oversupply
1/14/2021 13:35	0:01	SSA2	0.02533	0.48388	Oversupply
1/14/2021 13:35	0:02	SSA3	0.04827	0.13300	Oversupply
1/14/2021 13:36	0:01	SSA2	0.02533	0.57950	Oversupply
1/14/2021 13:37	0:01	SSA2	0.02533	0.85549	Oversupply
1/14/2021 13:37	0:02	SSA3	0.04827	0.80500	Oversupply
1/14/2021 13:38	0:01	SSA2	0.02533	1.13148	Oversupply
1/14/2021 13:39	0:01	SSA2	0.02533	1.75362	Oversupply
1/14/2021 13:39	0:02	SSA3	0.04827	1.82300	Oversupply
1/14/2021 13:41	0:01	SSA2	0.02533	2.26072	Oversupply
1/14/2021 13:42	0:01	SSA2	0.02533	2.14568	Oversupply
1/14/2021 13:43	0:01	SSA2	0.02533	2.09852	Oversupply
1/14/2021 13:43	0:04	17-2	0.04667	0.75000	Oversupply
1/14/2021 13:43	0:02	SSA3	0.04394	0.42800	Oversupply
1/14/2021 13:44	0:01	SSA2	0.02533	2.05136	Oversupply
1/14/2021 13:45	0:01	SSA2	0.01153	2.38830	Oversupply
1/14/2021 13:47	0:01	SSA2	0.01153	2.20232	Oversupply
1/14/2021 13:48	0:01	SSA2	0.01153	1.31540	Oversupply
1/14/2021 13:48	0:30	17-2	0.35097	0.75000	Oversupply
1/14/2021 13:49	0:01	SSA2	0.01153	1.00297	Oversupply
1/14/2021 13:49	0:02	SSA3	0.02599	0.05000	Oversupply
1/14/2021 13:50	0:01	SSA2	0.01153	0.69055	Oversupply
1/14/2021 13:51	0:01	SSA2	0.01153	1.18928	Oversupply
1/14/2021 13:51	0:02	SSA3	0.02621	0.72700	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/14/2021 13:52	0:01	SSA2	0.01153	1.68802	Oversupply
1/14/2021 13:53	0:01	SSA2	0.01153	1.96360	Oversupply
1/14/2021 13:53	0:02	SSA3	0.02621	2.07400	Oversupply
1/14/2021 13:54	0:01	SSA2	0.01153	2.23918	Oversupply
1/14/2021 13:55	0:01	SSA2	0.01153	2.11019	Oversupply
1/14/2021 13:55	0:02	SSA3	0.02621	2.52900	Oversupply
1/14/2021 13:56	0:01	SSA2	0.01153	1.98120	Oversupply
1/14/2021 13:57	0:01	SSA2	0.01153	2.00155	Oversupply
1/14/2021 13:57	0:02	SSA3	0.02621	2.20700	Oversupply
1/14/2021 13:58	0:01	SSA2	0.01153	2.02191	Oversupply
1/14/2021 13:59	0:01	SSA2	0.01153	1.97428	Oversupply
1/14/2021 13:59	0:02	SSA3	0.03758	1.99600	Oversupply
1/14/2021 14:00	0:01	SSA2	0.02020	1.92665	Oversupply
1/14/2021 14:01	0:01	SSA2	0.02020	1.92254	Oversupply
1/14/2021 14:01	0:02	SSA3	0.03820	2.06300	Oversupply
1/14/2021 14:02	0:01	SSA2	0.02020	1.91842	Oversupply
1/14/2021 14:03	0:01	SSA2	0.02020	1.74484	Oversupply
1/14/2021 14:03	0:02	SSA3	0.03820	1.45100	Oversupply
1/14/2021 14:04	0:01	SSA2	0.02020	1.57127	Oversupply
1/14/2021 14:05	0:01	SSA2	0.02020	1.48750	Oversupply
1/14/2021 14:05	0:02	SSA3	0.03820	1.59000	Oversupply
1/14/2021 14:06	0:01	SSA2	0.02020	1.40373	Oversupply
1/14/2021 14:07	0:01	SSA2	0.02020	1.00731	Oversupply
1/14/2021 14:07	0:02	SSA3	0.03820	0.37600	Oversupply
1/14/2021 14:08	0:01	SSA2	0.02020	0.61089	Oversupply
1/14/2021 14:09	0:01	SSA2	0.02020	0.72035	Oversupply
1/14/2021 14:09	0:02	SSA3	0.03820	0.43300	Oversupply
1/14/2021 14:10	0:01	SSA2	0.02020	0.82982	Oversupply
1/14/2021 14:11	0:01	SSA2	0.02020	1.01893	Oversupply
1/14/2021 14:11	0:02	SSA3	0.03788	0.73500	Oversupply
1/14/2021 14:12	0:01	SSA2	0.02020	1.20804	Oversupply
1/14/2021 14:13	0:01	SSA2	0.02020	1.61613	Oversupply
1/14/2021 14:13	0:02	SSA3	0.04036	1.96300	Oversupply
1/14/2021 14:14	0:01	SSA2	0.02020	2.02421	Oversupply
1/14/2021 14:21	0:01	SSA2	0.01990	1.93590	Oversupply
1/14/2021 14:21	0:24	17-2	0.17953	0.75000	Oversupply
1/14/2021 14:21	0:02	SSA3	0.04164	2.51000	Oversupply
1/14/2021 14:22	0:01	SSA2	0.01990	1.07591	Oversupply
1/14/2021 14:23	0:01	SSA2	0.01990	0.71092	Oversupply
1/14/2021 14:23	0:02	SSA3	0.04164	0.01300	Oversupply
1/14/2021 14:24	0:01	SSA2	0.01990	0.34593	Oversupply
1/14/2021 14:25	0:01	SSA2	0.01990	0.21301	Oversupply
1/14/2021 14:25	0:02	SSA3	0.04164	0.26000	Oversupply
1/14/2021 14:26	0:01	SSA2	0.01990	0.08008	Oversupply
1/14/2021 14:27	0:01	SSA2	0.01990	0.16783	Oversupply
1/14/2021 14:27	0:02	SSA3	0.04164	0.27000	Oversupply
1/14/2021 14:28	0:01	SSA2	0.01990	0.25559	Oversupply
1/14/2021 14:29	0:01	SSA2	0.01990	0.39031	Oversupply
1/14/2021 14:29	0:02	SSA3	0.01548	0.27100	Oversupply
1/14/2021 14:30	0:01	SSA2	0.00291	0.52503	Oversupply
1/14/2021 14:31	0:01	SSA2	0.00291	1.07450	Oversupply
1/14/2021 14:31	0:02	SSA3	0.00770	0.96600	Oversupply
1/14/2021 14:32	0:01	SSA2	0.00291	1.62396	Oversupply
1/14/2021 14:33	0:01	SSA2	0.00291	2.06709	Oversupply
1/14/2021 14:33	0:02	SSA3	0.00770	2.23900	Oversupply
1/15/2021 2:08	0:21	KWP11	0.19832	5.24825	Oversupply
1/16/2021 2:11	0:01	KWP11	0.00033	0.01996	Oversupply
1/16/2021 3:14	0:12	KWP11	0.51500	6.44380	Oversupply
1/16/2021 3:30	0:16	KWP11	0.21521	3.80021	Oversupply
1/16/2021 6:53	0:40	KWP11	8.17897	16.01519	Oversupply
1/16/2021 6:54	0:07	AWE	0.22220	8.90000	Oversupply
1/16/2021 7:02	0:30	BS250	Data is not available	Data is not available	Oversupply
1/16/2021 7:04	0:01	AWE	0.00019	7.50000	Oversupply
1/16/2021 7:06	0:26	SSA3	0.00946	0.00300	Oversupply
1/16/2021 7:11	0:18	AWE	0.54262	12.30000	Oversupply
1/16/2021 7:34	0:22	BS250	Data is not available	Data is not available	Oversupply
1/16/2021 7:35	0:22	KWP11	0.82978	16.20779	Oversupply
1/16/2021 7:35	0:20	SSA3	0.04476	0.00600	Oversupply
1/16/2021 7:36	0:17	SSA2	0.02503	0.00017	Oversupply
1/16/2021 7:53	0:01	SSA2	0.00194	0.00393	Oversupply
1/16/2021 7:54	0:01	SSA2	0.00194	0.00942	Oversupply
1/16/2021 7:55	0:02	SSA3	0.00819	0.00400	Oversupply
1/16/2021 10:07	0:04	17-2	0.02062	0.74000	Oversupply
1/16/2021 10:20	0:02	SSA3	0.01203	2.25900	Oversupply
1/16/2021 10:24	0:02	SSA3	0.01203	1.47800	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/16/2021 10:25	0:01	SSA2	0.00613	0.33052	Oversupply
1/16/2021 10:26	0:01	SSA2	0.00613	1.06321	Oversupply
1/16/2021 10:26	0:02	SSA3	0.01203	1.48300	Oversupply
1/16/2021 10:27	0:01	SSA2	0.00613	1.79590	Oversupply
1/16/2021 10:28	0:01	SSA2	0.00613	1.49010	Oversupply
1/16/2021 10:28	0:02	SSA3	0.02330	1.33100	Oversupply
1/16/2021 10:29	0:01	SSA2	0.00613	1.18431	Oversupply
1/16/2021 10:30	0:01	SSA2	0.02716	1.12403	Oversupply
1/16/2021 10:30	0:02	SSA3	0.05756	1.14800	Oversupply
1/16/2021 10:31	0:01	SSA2	0.02716	1.06376	Oversupply
1/16/2021 10:32	0:01	SSA2	0.02716	0.79595	Oversupply
1/16/2021 10:32	0:02	SSA3	0.05756	1.01600	Oversupply
1/16/2021 10:33	0:01	SSA2	0.02716	0.52815	Oversupply
1/16/2021 10:33	4:13	17-2	2.64976	0.75000	Oversupply
1/16/2021 10:34	0:01	SSA2	0.02716	0.53816	Oversupply
1/16/2021 10:34	0:02	SSA3	0.05756	0.46300	Oversupply
1/16/2021 10:35	0:01	SSA2	0.02716	0.54816	Oversupply
1/16/2021 10:36	0:01	SSA2	0.02716	0.56037	Oversupply
1/16/2021 10:36	0:02	SSA3	0.05756	0.64600	Oversupply
1/16/2021 10:37	0:01	SSA2	0.02716	0.57258	Oversupply
1/16/2021 10:38	0:01	SSA2	0.02716	0.64790	Oversupply
1/16/2021 10:38	0:02	SSA3	0.05756	0.94100	Oversupply
1/16/2021 10:39	0:01	SSA2	0.02716	0.72323	Oversupply
1/16/2021 10:40	0:01	SSA2	0.02716	0.47529	Oversupply
1/16/2021 10:40	0:02	SSA3	0.05756	0.22700	Oversupply
1/16/2021 10:41	0:01	SSA2	0.02716	0.22735	Oversupply
1/16/2021 10:42	0:01	SSA2	0.02716	0.28045	Oversupply
1/16/2021 10:42	0:02	SSA3	0.05756	0.50900	Oversupply
1/16/2021 10:43	0:01	SSA2	0.02716	0.33355	Oversupply
1/16/2021 10:44	0:01	SSA2	0.02716	0.35627	Oversupply
1/16/2021 10:44	0:02	SSA3	0.07327	0.63900	Oversupply
1/16/2021 10:45	0:01	SSA2	0.04056	0.37899	Oversupply
1/16/2021 10:46	0:01	SSA2	0.04056	0.25097	Oversupply
1/16/2021 10:46	0:02	SSA3	0.08135	0.27800	Oversupply
1/16/2021 10:47	0:01	SSA2	0.04056	0.12295	Oversupply
1/16/2021 10:48	0:01	SSA2	0.04056	0.09057	Oversupply
1/16/2021 10:48	0:02	SSA3	0.08135	0.02900	Oversupply
1/16/2021 10:49	0:01	SSA2	0.04056	0.05819	Oversupply
1/16/2021 10:50	0:01	SSA2	0.04056	0.03799	Oversupply
1/16/2021 10:50	3:26	SSA3	9.31852	0.18400	Oversupply
1/16/2021 10:51	0:01	SSA2	0.04056	0.01779	Oversupply
1/16/2021 10:51	3:20	AWE	22.94993	21.00000	Oversupply
1/16/2021 10:51	3:22	BS250	Data is not available	Data is not available	Oversupply
1/16/2021 10:52	0:01	SSA2	0.04056	0.00785	Oversupply
1/16/2021 10:53	3:18	SSA2	8.85712	-0.00210	Oversupply
1/16/2021 11:05	2:30	KWP11	2.57915	2.05279	Oversupply
1/16/2021 13:40	0:33	KWP11	0.19606	0.99696	Oversupply
1/16/2021 14:11	0:01	SSA2	0.04490	-0.00130	Oversupply
1/16/2021 14:12	0:01	SSA2	0.04490	-0.00388	Oversupply
1/16/2021 14:13	0:01	SSA2	0.04490	0.00217	Oversupply
1/16/2021 14:14	0:01	SSA2	0.04490	0.00823	Oversupply
1/16/2021 14:14	0:01	BS250	Data is not available	Data is not available	Oversupply
1/16/2021 14:15	0:01	SSA2	0.04049	0.02814	Oversupply
1/16/2021 14:16	0:01	SSA2	0.04049	0.04806	Oversupply
1/16/2021 14:16	0:02	SSA3	0.07432	0.25800	Oversupply
1/16/2021 14:17	0:01	SSA2	0.04049	0.02986	Oversupply
1/16/2021 14:17	0:04	BS250	Data is not available	Data is not available	Oversupply
1/16/2021 14:18	0:01	SSA2	0.04049	0.01167	Oversupply
1/16/2021 14:18	0:02	SSA3	0.07432	0.27300	Oversupply
1/16/2021 14:19	0:01	SSA2	0.04049	0.00485	Oversupply
1/16/2021 14:19	0:02	AWE	0.00218	21.00000	Oversupply
1/16/2021 14:20	0:01	SSA2	0.04049	-0.00196	Oversupply
1/16/2021 14:20	0:02	SSA3	0.07371	0.00000	Oversupply
1/16/2021 14:21	0:01	SSA2	0.04049	-0.00178	Oversupply
1/16/2021 14:22	0:01	SSA2	0.04049	-0.00159	Oversupply
1/16/2021 14:22	0:01	BS250	Data is not available	Data is not available	Oversupply
1/16/2021 14:22	0:02	SSA3	0.07432	0.00900	Oversupply
1/16/2021 14:23	0:01	SSA2	0.04049	0.02863	Oversupply
1/16/2021 14:24	0:01	SSA2	0.04049	0.05886	Oversupply
1/16/2021 14:24	0:02	SSA3	0.07432	0.14800	Oversupply
1/16/2021 14:25	0:01	SSA2	0.04049	0.36449	Oversupply
1/16/2021 14:26	0:01	SSA2	0.04049	0.67012	Oversupply
1/16/2021 14:26	0:02	SSA3	0.07432	0.91400	Oversupply
1/16/2021 14:27	0:02	SSA2	0.08098	0.49843	Oversupply
1/16/2021 14:28	0:04	SSA3	0.08288	0.50500	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/16/2021 14:29	0:01	SSA2	0.04049	0.49768	Oversupply
1/16/2021 14:30	0:01	SSA2	0.00990	0.66862	Oversupply
1/16/2021 14:31	0:01	SSA2	0.00990	0.87835	Oversupply
1/16/2021 14:32	0:01	SSA2	0.00990	1.08809	Oversupply
1/16/2021 14:32	0:02	SSA3	0.01895	0.14000	Oversupply
1/16/2021 14:33	0:01	SSA2	0.00990	1.06399	Oversupply
1/16/2021 14:34	0:01	SSA2	0.00990	1.03989	Oversupply
1/16/2021 14:34	0:02	SSA3	0.01895	1.08000	Oversupply
1/16/2021 14:35	0:01	SSA2	0.00990	1.43711	Oversupply
1/16/2021 14:36	0:01	SSA2	0.00990	1.83432	Oversupply
1/16/2021 14:36	0:02	SSA3	0.01895	2.02200	Oversupply
1/16/2021 14:37	0:01	SSA2	0.00990	2.22317	Oversupply
1/16/2021 14:38	0:01	SSA2	0.00990	2.61202	Oversupply
1/16/2021 14:38	0:02	SSA3	0.01880	2.41200	Oversupply
1/16/2021 14:42	0:02	SSA3	0.01895	2.39900	Oversupply
1/17/2021 4:20	0:01	KWPPII	0.00072	5.48476	Oversupply
1/17/2021 4:29	0:02	KWPPII	0.01270	5.25623	Oversupply
1/17/2021 5:19	0:55	KWPPII	4.54243	12.91454	Oversupply
1/17/2021 5:46	0:01	AWE	0.01668	14.10000	Oversupply
1/17/2021 9:25	0:01	17-2	0.00275	0.60600	Oversupply
1/17/2021 9:43	0:01	SSA2	0.00247	1.62026	Oversupply
1/17/2021 9:43	0:02	SSA3	0.00401	0.66600	Oversupply
1/17/2021 9:44	0:01	SSA2	0.00247	0.94534	Oversupply
1/17/2021 9:44	2:13	17-2	1.09716	0.75000	Oversupply
1/17/2021 9:45	0:01	SSA2	0.02894	0.27043	Oversupply
1/17/2021 9:45	0:02	SSA3	0.02663	0.02300	Oversupply
1/17/2021 9:46	0:01	SSA2	0.02894	0.13561	Oversupply
1/17/2021 9:46	0:02	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 9:46	0:02	KWPPII	0.01590	4.38601	Oversupply
1/17/2021 9:47	0:01	SSA2	0.02894	0.00080	Oversupply
1/17/2021 9:47	0:02	SSA3	0.02663	0.15700	Oversupply
1/17/2021 9:48	0:01	SSA2	0.02894	-0.00094	Oversupply
1/17/2021 9:49	0:01	SSA2	0.02894	-0.00267	Oversupply
1/17/2021 9:49	0:02	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 9:49	0:02	KWPPII	0.00066	4.59159	Oversupply
1/17/2021 9:49	0:04	SSA3	0.05327	0.02600	Oversupply
1/17/2021 9:50	0:01	SSA2	0.02894	0.00751	Oversupply
1/17/2021 9:51	0:01	SSA2	0.02894	0.01769	Oversupply
1/17/2021 9:52	0:01	SSA2	0.02894	0.02613	Oversupply
1/17/2021 9:52	0:14	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 9:52	0:14	KWPPII	0.45647	5.47578	Oversupply
1/17/2021 9:53	0:01	SSA2	0.02894	0.03457	Oversupply
1/17/2021 9:53	0:12	SSA3	0.14288	0.04200	Oversupply
1/17/2021 9:54	0:01	SSA2	0.02894	0.03579	Oversupply
1/17/2021 9:55	0:07	SSA2	0.17661	0.03702	Oversupply
1/17/2021 10:02	0:02	SSA2	0.03191	0.04127	Oversupply
1/17/2021 10:04	0:01	SSA2	0.01595	0.17251	Oversupply
1/17/2021 10:05	0:01	SSA2	0.01595	0.30034	Oversupply
1/17/2021 10:05	0:02	SSA3	0.02579	0.24600	Oversupply
1/17/2021 10:06	0:01	SSA2	0.01595	0.49731	Oversupply
1/17/2021 10:07	0:01	SSA2	0.01595	0.69428	Oversupply
1/17/2021 10:08	0:01	SSA2	0.01595	0.67130	Oversupply
1/17/2021 10:09	0:01	SSA2	0.01595	0.64833	Oversupply
1/17/2021 10:09	0:02	SSA3	0.02579	0.32700	Oversupply
1/17/2021 10:10	0:01	SSA2	0.01595	0.86294	Oversupply
1/17/2021 10:11	0:01	SSA2	0.01595	1.07755	Oversupply
1/17/2021 10:11	0:02	SSA3	0.02558	0.91500	Oversupply
1/17/2021 10:12	0:01	SSA2	0.01595	0.98160	Oversupply
1/17/2021 10:13	0:01	SSA2	0.01595	0.88566	Oversupply
1/17/2021 10:13	0:02	SSA3	0.03301	0.28300	Oversupply
1/17/2021 10:14	0:01	SSA2	0.01595	0.83728	Oversupply
1/17/2021 10:15	0:01	SSA2	0.02054	0.78890	Oversupply
1/17/2021 10:15	0:02	SSA3	0.04478	0.06100	Oversupply
1/17/2021 10:16	0:01	SSA2	0.02054	0.53721	Oversupply
1/17/2021 10:17	0:01	SSA2	0.02054	0.28552	Oversupply
1/17/2021 10:17	0:01	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 10:17	0:02	SSA3	0.04478	0.01600	Oversupply
1/17/2021 10:18	0:01	SSA2	0.02054	0.19676	Oversupply
1/17/2021 10:19	0:01	SSA2	0.02054	0.10800	Oversupply
1/17/2021 10:19	0:18	SSA3	0.48793	0.00800	Oversupply
1/17/2021 10:20	0:01	SSA2	0.02054	0.06369	Oversupply
1/17/2021 10:20	0:01	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 10:21	0:14	SSA2	0.25401	0.01938	Oversupply
1/17/2021 10:22	0:16	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 10:22	0:17	KWPPII	0.83766	7.25514	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/17/2021 10:32	0:03	AWE	0.04526	13.70000	Oversupply
1/17/2021 10:35	0:01	SSA2	0.01383	-0.00230	Oversupply
1/17/2021 10:36	0:01	SSA2	0.01383	-0.00160	Oversupply
1/17/2021 10:37	0:01	SSA2	0.01383	0.00788	Oversupply
1/17/2021 10:38	0:01	SSA2	0.01383	0.01736	Oversupply
1/17/2021 10:38	0:02	SSA3	0.07321	0.00600	Oversupply
1/17/2021 10:39	0:01	SSA2	0.01383	0.03355	Oversupply
1/17/2021 10:40	0:29	SSA2	0.73439	0.04975	Oversupply
1/17/2021 10:40	0:31	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 10:40	0:32	SSA3	0.68623	0.02300	Oversupply
1/17/2021 10:41	0:44	KWP11	2.28092	9.03948	Oversupply
1/17/2021 11:09	0:01	SSA2	0.03190	-0.00129	Oversupply
1/17/2021 11:10	0:01	SSA2	0.03190	-0.00004	Oversupply
1/17/2021 11:11	0:01	SSA2	0.03190	0.00020	Oversupply
1/17/2021 11:12	0:01	SSA2	0.03190	0.00044	Oversupply
1/17/2021 11:12	0:02	SSA3	0.04955	0.04000	Oversupply
1/17/2021 11:13	0:01	SSA2	0.03190	0.00149	Oversupply
1/17/2021 11:14	0:31	SSA2	1.32979	0.00254	Oversupply
1/17/2021 11:14	0:34	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 11:14	0:36	SSA3	0.47867	0.00600	Oversupply
1/17/2021 11:26	0:23	KWP11	1.11302	7.18927	Oversupply
1/17/2021 11:40	0:02	AWE	0.00393	19.20000	Oversupply
1/17/2021 11:45	0:01	SSA2	0.02471	0.00968	Oversupply
1/17/2021 11:46	0:01	SSA2	0.02471	0.02070	Oversupply
1/17/2021 11:47	0:01	SSA2	0.02471	0.04191	Oversupply
1/17/2021 11:48	0:01	SSA2	0.02471	0.06311	Oversupply
1/17/2021 11:49	0:01	SSA2	0.02471	0.04975	Oversupply
1/17/2021 11:49	0:02	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 11:50	0:01	SSA2	0.02471	0.03639	Oversupply
1/17/2021 11:50	0:02	SSA3	0.01579	0.00800	Oversupply
1/17/2021 11:51	0:01	SSA2	0.02471	0.01962	Oversupply
1/17/2021 11:52	0:01	SSA2	0.02471	0.00284	Oversupply
1/17/2021 11:52	0:03	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 11:52	0:03	KWP11	0.04161	6.54060	Oversupply
1/17/2021 11:52	0:02	SSA3	0.01579	0.00100	Oversupply
1/17/2021 11:53	0:01	SSA2	0.02471	0.00004	Oversupply
1/17/2021 11:54	0:01	SSA2	0.02471	-0.00275	Oversupply
1/17/2021 11:54	0:02	SSA3	0.01579	0.01300	Oversupply
1/17/2021 12:11	0:01	17-2	0.01188	0.75000	Oversupply
1/17/2021 12:12	0:01	SSA2	-0.00044	1.79531	Oversupply
1/17/2021 12:13	0:01	SSA2	-0.00044	1.46752	Oversupply
1/17/2021 12:13	0:04	17-2	0.03202	0.75000	Oversupply
1/17/2021 12:14	0:01	SSA2	-0.00044	1.13974	Oversupply
1/17/2021 12:14	0:02	SSA3	-0.01469	0.05000	Oversupply
1/17/2021 12:31	0:01	17-2	0.01245	0.75000	Oversupply
1/17/2021 12:32	0:02	SSA3	0.04306	0.61200	Oversupply
1/17/2021 12:33	0:01	SSA2	0.01509	0.27238	Oversupply
1/17/2021 12:33	6:25	17-2	4.76186	0.75000	Oversupply
1/17/2021 12:34	0:01	SSA2	0.01509	0.22194	Oversupply
1/17/2021 12:34	0:02	SSA3	0.04306	0.05000	Oversupply
1/17/2021 12:35	0:01	SSA2	0.01509	0.13889	Oversupply
1/17/2021 12:36	0:01	SSA2	0.01509	0.05584	Oversupply
1/17/2021 12:36	0:22	SSA3	0.61176	0.03800	Oversupply
1/17/2021 12:37	0:01	SSA2	0.01509	0.02867	Oversupply
1/17/2021 12:37	0:01	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 12:37	0:05	KWP11	0.11888	8.90575	Oversupply
1/17/2021 12:38	0:19	SSA2	0.31584	0.00150	Oversupply
1/17/2021 12:39	0:19	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 12:43	0:16	KWP11	0.83753	9.35982	Oversupply
1/17/2021 12:57	0:01	SSA2	0.01752	-0.00235	Oversupply
1/17/2021 12:58	0:01	SSA2	0.01752	-0.00300	Oversupply
1/17/2021 12:59	0:01	SSA2	0.01752	-0.00299	Oversupply
1/17/2021 12:59	0:02	SSA3	0.06239	0.00400	Oversupply
1/17/2021 13:00	0:01	SSA2	0.01194	-0.00298	Oversupply
1/17/2021 13:01	0:01	SSA2	0.01194	-0.00060	Oversupply
1/17/2021 13:01	0:08	SSA3	0.18456	0.76000	Oversupply
1/17/2021 13:02	0:01	SSA2	0.01194	0.00178	Oversupply
1/17/2021 13:02	0:13	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 13:02	0:13	KWP11	0.34086	9.89972	Oversupply
1/17/2021 13:03	0:01	SSA2	0.01194	0.00002	Oversupply
1/17/2021 13:04	0:05	SSA2	0.05971	-0.00175	Oversupply
1/17/2021 13:09	0:01	SSA2	0.01194	0.00078	Oversupply
1/17/2021 13:09	0:02	SSA3	0.04614	0.00300	Oversupply
1/17/2021 13:10	0:01	SSA2	0.01194	-0.00013	Oversupply
1/17/2021 13:11	0:01	SSA2	0.01194	-0.00133	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/17/2021 13:11	0:04	SSA3	0.09026	0.00000	Oversupply
1/17/2021 13:12	0:01	SSA2	0.01194	-0.00253	Oversupply
1/17/2021 13:13	0:01	SSA2	0.01194	0.01454	Oversupply
1/17/2021 13:14	0:01	SSA2	0.01194	0.03161	Oversupply
1/17/2021 13:15	0:01	SSA2	0.00601	0.08966	Oversupply
1/17/2021 13:15	0:02	SSA3	0.02537	0.51100	Oversupply
1/17/2021 13:16	0:02	SSA2	0.01202	0.14771	Oversupply
1/17/2021 13:17	0:03	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 13:17	0:04	SSA3	0.05117	0.11400	Oversupply
1/17/2021 13:18	0:01	SSA2	0.00601	0.14745	Oversupply
1/17/2021 13:18	0:03	KWP/II	0.04494	11.53936	Oversupply
1/17/2021 13:19	0:01	SSA2	0.00601	0.07725	Oversupply
1/17/2021 13:20	0:01	SSA2	0.00601	0.15519	Oversupply
1/17/2021 13:21	0:01	SSA2	0.00601	0.23313	Oversupply
1/17/2021 13:21	0:02	SSA3	0.02558	0.64200	Oversupply
1/17/2021 13:22	0:01	SSA2	0.00601	0.12980	Oversupply
1/17/2021 13:22	0:02	BS250	Data is not available	Data is not available	Oversupply
1/17/2021 13:23	0:01	KWP/II	0.00764	11.51141	Oversupply
1/17/2021 13:23	0:02	SSA3	0.02558	0.00700	Oversupply
1/18/2021 3:34	0:02	KWP/II	0.12215	11.46451	Oversupply
1/18/2021 3:38	0:03	KWP/II	0.01789	14.68491	Oversupply
1/18/2021 5:21	0:56	KWP/II	5.94876	19.07991	Oversupply
1/18/2021 6:50	0:25	KWP/II	0.67304	19.18469	Oversupply
1/18/2021 7:02	0:15	BS250	Data is not available	Data is not available	Oversupply
1/18/2021 7:16	0:02	KWP/II	0.00588	19.17471	Oversupply
1/18/2021 11:32	0:50	KWP/II	8.54960	19.19866	Oversupply
1/18/2021 12:39	0:01	SSA2	0.00189	0.39404	Oversupply
1/18/2021 12:39	0:48	BS250	Data is not available	Data is not available	Oversupply
1/18/2021 12:40	0:01	SSA2	0.00189	0.20355	Oversupply
1/18/2021 12:40	0:47	KWP/II	2.35088	19.00506	Oversupply
1/18/2021 12:40	1:42	17-2	0.09262	0.12300	Oversupply
1/18/2021 12:40	0:46	SSA3	0.57174	0.05600	Oversupply
1/18/2021 12:41	1:54	SSA2	0.56020	0.01307	Oversupply
1/18/2021 13:26	0:02	SSA3	0.01914	-0.00200	Oversupply
1/18/2021 13:28	0:02	SSA3	0.01914	0.03000	Oversupply
1/18/2021 13:30	1:07	BS250	Data is not available	Data is not available	Oversupply
1/18/2021 13:30	1:05	SSA3	0.59560	0.01100	Oversupply
1/18/2021 13:31	1:07	KWP/II	5.46113	19.17970	Oversupply
1/18/2021 14:35	0:01	SSA2	0.00455	0.02294	Oversupply
1/18/2021 14:35	0:02	SSA3	0.00920	0.02100	Oversupply
1/18/2021 14:36	0:01	SSA2	0.00455	0.04712	Oversupply
1/18/2021 14:37	0:01	SSA2	0.00455	0.16620	Oversupply
1/18/2021 14:43	0:02	SSA3	0.00680	0.58000	Oversupply
1/18/2021 14:59	0:23	BS250	Data is not available	Data is not available	Oversupply
1/18/2021 14:59	0:22	SSA3	0.16467	0.04400	Oversupply
1/18/2021 15:00	0:01	SSA2	0.00222	0.00292	Oversupply
1/18/2021 15:00	0:22	KWP/II	2.14740	19.17871	Oversupply
1/18/2021 15:01	0:01	SSA2	0.00222	-0.00002	Oversupply
1/18/2021 15:02	0:17	SSA2	0.03081	-0.00296	Oversupply
1/18/2021 15:09	0:10	17-2	0.00388	0.03300	Oversupply
1/18/2021 15:31	0:42	SSA3	0.28805	0.08400	Oversupply
1/18/2021 15:32	0:02	SSA2	0.00219	0.00472	Oversupply
1/18/2021 15:32	0:41	BS250	Data is not available	Data is not available	Oversupply
1/18/2021 15:33	0:40	KWP/II	2.28633	19.21064	Oversupply
1/18/2021 15:34	0:35	SSA2	0.03530	-0.00172	Oversupply
1/18/2021 16:16	0:01	BS250	Data is not available	Data is not available	Oversupply
1/18/2021 16:18	0:03	KWP/II	0.03371	19.21064	Oversupply
1/18/2021 16:18	0:10	BS250	Data is not available	Data is not available	Oversupply
1/18/2021 16:18	0:10	SSA3	0.01181	0.03200	Oversupply
1/18/2021 16:22	0:06	KWP/II	0.11040	19.21064	Oversupply
1/18/2021 16:29	0:01	BS250	Data is not available	Data is not available	Oversupply
1/18/2021 16:44	0:02	SSA3	-0.00098	0.24400	Oversupply
1/18/2021 16:45	0:01	BS250	Data is not available	Data is not available	Oversupply
1/18/2021 16:45	0:02	KWP/II	0.01292	19.21064	Oversupply
1/18/2021 16:56	0:02	SSA3	-0.00018	0.21700	Oversupply
1/18/2021 16:58	0:01	17-2	0.00012	0.02200	Oversupply
1/18/2021 20:57	2:03	KWP/II	23.76052	14.71984	Oversupply
1/18/2021 21:51	0:02	KWP	0.00703	23.28791	Oversupply
1/18/2021 22:00	0:01	KWP	0.00088	18.54066	Oversupply
1/18/2021 22:06	0:02	KWP	0.00176	16.53626	Oversupply
1/18/2021 22:09	0:01	KWP	0.00176	15.95604	Oversupply
1/18/2021 22:14	0:01	KWP	0.00088	13.89890	Oversupply
1/18/2021 22:17	0:01	KWP	0.00227	13.74066	Oversupply
1/18/2021 22:22	0:01	KWP	0.00063	12.79121	Oversupply
1/18/2021 22:24	0:01	KWP	0.00088	12.47473	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/18/2021 22:30	0:01	KWP	0.00264	16.69451	Oversupply
1/18/2021 22:32	0:01	KWP	0.00088	17.80220	Oversupply
1/18/2021 22:36	0:01	KWP	0.00264	21.17802	Oversupply
1/18/2021 22:45	0:01	KWP	0.00264	20.22857	Oversupply
1/18/2021 22:54	0:01	KWP	0.00074	21.91648	Oversupply
1/18/2021 23:03	6:04	KWP/II	39.26474	14.71984	Oversupply
1/19/2021 5:10	0:12	KWP/II	0.20313	14.71984	Oversupply
1/19/2021 5:28	0:01	KWP/II	0.00195	14.71984	Oversupply
1/19/2021 5:31	0:03	KWP/II	0.04633	14.71984	Oversupply
1/19/2021 8:20	0:01	SSA2	0.00793	0.07160	Oversupply
1/19/2021 8:20	0:36	17-2	0.13638	0.39800	Oversupply
1/19/2021 8:20	0:02	SSA3	0.00836	0.22900	Oversupply
1/19/2021 8:21	0:01	SSA2	0.00793	0.03608	Oversupply
1/19/2021 8:21	0:10	BS250	Data is not available	Data is not available	Oversupply
1/19/2021 8:22	0:11	SSA2	0.09876	0.00055	Oversupply
1/19/2021 8:22	0:11	KWP/II	0.25762	19.21064	Oversupply
1/19/2021 8:22	0:14	SSA3	0.08085	0.00200	Oversupply
1/19/2021 8:32	0:04	BS250	Data is not available	Data is not available	Oversupply
1/19/2021 8:33	0:01	SSA2	0.01178	0.01122	Oversupply
1/19/2021 8:34	0:01	SSA2	0.01178	0.00401	Oversupply
1/19/2021 8:35	0:01	SSA2	0.01178	0.05092	Oversupply
1/19/2021 8:35	0:02	KWP/II	0.01213	19.11983	Oversupply
1/19/2021 8:36	0:01	SSA2	0.01178	0.09783	Oversupply
1/19/2021 8:36	0:02	SSA3	0.01577	0.39200	Oversupply
1/19/2021 8:37	0:01	SSA2	0.01178	0.06557	Oversupply
1/19/2021 8:38	0:01	SSA2	0.01178	0.03331	Oversupply
1/19/2021 8:38	0:02	SSA3	0.01564	0.04800	Oversupply
1/19/2021 8:39	0:01	SSA2	0.01178	0.02453	Oversupply
1/19/2021 8:40	0:01	SSA2	0.01178	0.01575	Oversupply
1/19/2021 8:40	0:12	SSA3	0.08140	0.02500	Oversupply
1/19/2021 8:41	0:01	SSA2	0.01178	0.01677	Oversupply
1/19/2021 8:41	0:11	BS250	Data is not available	Data is not available	Oversupply
1/19/2021 8:41	0:12	KWP/II	0.48071	17.93126	Oversupply
1/19/2021 8:42	0:09	SSA2	0.08179	0.01779	Oversupply
1/19/2021 8:51	0:01	SSA2	0.00774	0.05386	Oversupply
1/19/2021 8:52	0:01	SSA2	0.00774	0.07502	Oversupply
1/19/2021 8:52	0:02	SSA3	0.01225	0.05200	Oversupply
1/19/2021 8:54	0:02	SSA3	0.01214	0.60200	Oversupply
1/19/2021 11:15	0:02	SSA3	0.01885	0.79700	Oversupply
1/19/2021 11:16	0:04	17-2	0.02059	0.75000	Oversupply
1/19/2021 11:17	0:01	SSA2	0.00081	1.96265	Oversupply
1/19/2021 11:18	0:01	SSA2	0.00081	2.15632	Oversupply
1/19/2021 11:23	0:39	17-2	0.31121	0.75000	Oversupply
1/19/2021 11:25	0:02	SSA3	0.01869	2.11600	Oversupply
1/19/2021 11:29	0:02	SSA3	-0.00464	2.46000	Oversupply
1/19/2021 11:35	0:02	SSA3	0.01457	2.90100	Oversupply
1/19/2021 11:36	0:01	SSA2	0.00409	1.24888	Oversupply
1/19/2021 11:37	0:01	SSA2	0.00409	1.17729	Oversupply
1/19/2021 11:37	0:02	SSA3	0.01433	1.59500	Oversupply
1/19/2021 11:38	0:01	SSA2	0.00409	1.10570	Oversupply
1/19/2021 11:39	0:01	SSA2	0.00409	1.17686	Oversupply
1/19/2021 11:39	0:02	SSA3	0.01457	2.19700	Oversupply
1/19/2021 11:41	0:02	SSA3	0.01457	1.93600	Oversupply
1/19/2021 11:43	0:01	SSA2	0.00409	0.65668	Oversupply
1/19/2021 11:43	0:02	SSA3	0.01953	2.23600	Oversupply
1/19/2021 11:44	0:01	SSA2	0.00409	0.88200	Oversupply
1/19/2021 11:45	0:01	SSA2	0.00364	0.86110	Oversupply
1/19/2021 11:45	0:02	SSA3	0.02448	1.47100	Oversupply
1/19/2021 11:46	0:01	SSA2	0.00364	0.84019	Oversupply
1/19/2021 11:47	0:01	SSA2	0.00364	1.07321	Oversupply
1/19/2021 11:47	0:02	SSA3	0.02448	2.07300	Oversupply
1/19/2021 11:48	0:01	SSA2	0.00364	1.30623	Oversupply
1/19/2021 11:49	0:01	SSA2	0.00364	1.25121	Oversupply
1/19/2021 11:49	0:02	SSA3	0.02448	1.67700	Oversupply
1/19/2021 11:50	0:01	SSA2	0.00364	1.19619	Oversupply
1/19/2021 11:51	0:01	SSA2	0.00364	1.04944	Oversupply
1/19/2021 11:51	0:02	SSA3	0.02428	2.09300	Oversupply
1/19/2021 12:03	0:07	17-2	0.06795	0.74200	Oversupply
1/19/2021 12:03	0:02	SSA3	0.01876	2.79800	Oversupply
1/19/2021 12:04	0:01	SSA2	-0.00212	1.58588	Oversupply
1/19/2021 12:05	0:01	SSA2	-0.00212	1.43421	Oversupply
1/19/2021 12:06	0:01	SSA2	-0.00212	1.28253	Oversupply
1/19/2021 12:06	0:02	SSA3	0.01861	0.78100	Oversupply
1/19/2021 12:07	0:01	SSA2	-0.00212	1.56985	Oversupply
1/19/2021 12:08	0:01	SSA2	-0.00212	1.85718	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/19/2021 12:08	0:02	SSA3	0.01861	2.77500	Oversupply
1/19/2021 12:14	0:06	17-2	0.04095	0.74200	Oversupply
1/19/2021 12:16	0:02	SSA3	0.01176	2.85000	Oversupply
1/19/2021 12:18	0:02	SSA3	0.01176	1.03200	Oversupply
1/19/2021 12:22	0:01	17-2	0.00013	0.74200	Oversupply
1/19/2021 12:27	0:01	17-2	0.00013	0.74200	Oversupply
1/19/2021 12:29	0:02	17-2	0.00102	0.74200	Oversupply
1/19/2021 12:33	0:01	17-2	0.00059	0.74200	Oversupply
1/19/2021 12:35	0:16	17-2	0.00363	0.75000	Oversupply
1/19/2021 12:57	0:03	17-2	0.00268	0.75000	Oversupply
1/19/2021 13:12	0:01	17-2	0.00300	0.75000	Oversupply
1/19/2021 18:45	0:01	KWPPII	0.01079	10.51346	Oversupply
1/19/2021 18:48	0:02	KWPPII	0.02965	12.58821	Oversupply
1/19/2021 19:06	0:01	KWPPII	0.01276	18.50209	Oversupply
1/19/2021 19:41	0:06	KWPPII	0.24704	16.23274	Oversupply
1/19/2021 19:48	0:01	KWPPII	0.01532	15.67987	Oversupply
1/20/2021 5:47	0:40	KWPPII	7.54343	16.72373	Oversupply
1/20/2021 5:53	0:11	AWE	0.43590	14.20000	Oversupply
1/20/2021 6:07	0:12	AWE	0.19003	18.30000	Oversupply
1/20/2021 6:22	0:01	AWE	0.00294	18.90000	Oversupply
1/20/2021 6:28	0:37	BS250	Data is not available	Data is not available	Oversupply
1/20/2021 6:29	0:35	KWPPII	2.85230	17.30454	Oversupply
1/20/2021 8:29	0:04	17-2	0.02019	0.36600	Oversupply
1/20/2021 8:29	0:02	BS250	Data is not available	Data is not available	Oversupply
1/20/2021 8:29	0:03	KWPPII	0.00578	15.03919	Oversupply
1/20/2021 8:30	0:02	SSA3	0.01295	0.00400	Oversupply
1/20/2021 8:31	0:01	SSA2	0.01253	0.01839	Oversupply
1/20/2021 8:36	2:00	BS250	Data is not available	Data is not available	Oversupply
1/20/2021 8:36	2:02	17-2	0.71419	0.75000	Oversupply
1/20/2021 8:36	2:01	SSA3	3.29834	0.00400	Oversupply
1/20/2021 8:37	1:59	KWPPII	26.90735	19.21064	Oversupply
1/20/2021 8:38	1:55	SSA2	2.15225	0.00175	Oversupply
1/20/2021 9:45	0:47	AWE	2.00025	16.50000	Oversupply
1/20/2021 10:33	0:01	SSA2	0.01364	-0.00008	Oversupply
1/20/2021 10:34	0:01	SSA2	0.01364	-0.00071	Oversupply
1/20/2021 10:38	0:01	SSA2	0.01364	0.00384	Oversupply
1/20/2021 10:38	0:27	BS250	Data is not available	Data is not available	Oversupply
1/20/2021 10:39	0:01	SSA2	0.01364	0.00231	Oversupply
1/20/2021 10:39	0:27	KWPPII	2.29604	16.45429	Oversupply
1/20/2021 10:39	0:29	17-2	0.23920	0.75000	Oversupply
1/20/2021 10:39	0:26	SSA3	0.92018	0.00100	Oversupply
1/20/2021 10:40	0:23	SSA2	0.48204	0.00078	Oversupply
1/20/2021 11:03	0:01	SSA2	0.01633	-0.00097	Oversupply
1/20/2021 11:04	0:01	SSA2	0.01633	-0.00151	Oversupply
1/20/2021 11:05	0:01	SSA2	0.01633	0.04653	Oversupply
1/20/2021 11:05	0:02	SSA3	0.05333	0.09900	Oversupply
1/20/2021 11:06	0:01	SSA2	0.01633	0.09456	Oversupply
1/20/2021 11:07	0:01	SSA2	0.01633	0.09512	Oversupply
1/20/2021 11:08	0:01	SSA2	0.01633	0.09567	Oversupply
1/20/2021 12:08	0:01	SSA2	0.00770	2.02562	Oversupply
1/20/2021 12:08	0:02	SSA3	0.05522	0.79200	Oversupply
1/20/2021 12:09	0:01	SSA2	0.00770	1.78613	Oversupply
1/20/2021 12:09	1:50	17-2	0.80925	0.75000	Oversupply
1/20/2021 12:10	0:01	SSA2	0.00770	0.94148	Oversupply
1/20/2021 12:10	1:11	BS250	Data is not available	Data is not available	Oversupply
1/20/2021 12:10	1:11	SSA3	2.53642	0.48400	Oversupply
1/20/2021 12:11	0:01	SSA2	0.00770	0.09682	Oversupply
1/20/2021 12:11	1:10	KWPPII	9.88757	16.38144	Oversupply
1/20/2021 12:12	0:01	SSA2	0.00770	0.04764	Oversupply
1/20/2021 12:13	1:07	SSA2	2.37526	-0.00153	Oversupply
1/20/2021 13:06	0:11	AWE	0.48015	17.00000	Oversupply
1/20/2021 13:20	0:01	SSA2	0.03485	-0.00094	Oversupply
1/20/2021 13:20	0:02	SSA3	0.05607	-0.00200	Oversupply
1/20/2021 13:21	0:01	SSA2	0.03485	-0.00152	Oversupply
1/20/2021 13:22	0:01	SSA2	0.03485	0.00715	Oversupply
1/20/2021 13:22	0:36	SSA3	1.38463	0.02700	Oversupply
1/20/2021 13:23	0:01	SSA2	0.03485	0.01582	Oversupply
1/20/2021 13:23	0:36	BS250	Data is not available	Data is not available	Oversupply
1/20/2021 13:23	0:36	KWPPII	8.52486	18.25360	Oversupply
1/20/2021 13:24	0:01	SSA2	0.03485	0.01066	Oversupply
1/20/2021 13:25	0:32	SSA2	0.93037	0.00549	Oversupply
1/20/2021 13:27	0:02	AWE	0.00346	17.20000	Oversupply
1/20/2021 13:30	0:01	AWE	0.01052	16.20000	Oversupply
1/20/2021 13:43	0:02	AWE	0.01099	17.10000	Oversupply
1/20/2021 13:49	0:02	AWE	0.00712	16.90000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/20/2021 13:57	0:01	SSA2	0.01708	0.01145	Oversupply
1/20/2021 13:58	0:01	SSA2	0.01708	0.01326	Oversupply
1/20/2021 13:59	0:01	SSA2	0.01708	0.03336	Oversupply
1/20/2021 14:01	0:01	SSA2	0.02110	0.02697	Oversupply
1/20/2021 14:01	0:11	17-2	0.02416	0.75000	Oversupply
1/20/2021 14:01	0:09	BS250	Data is not available	Data is not available	Oversupply
1/20/2021 14:01	0:10	KWP/II	0.88233	15.83955	Oversupply
1/20/2021 14:01	0:10	SSA3	0.15242	0.02400	Oversupply
1/20/2021 14:02	0:01	SSA2	0.02110	0.00049	Oversupply
1/20/2021 14:03	0:01	SSA2	0.02110	-0.00075	Oversupply
1/20/2021 14:04	0:03	SSA2	0.06329	-0.00199	Oversupply
1/20/2021 14:07	0:01	SSA2	0.02110	0.00052	Oversupply
1/20/2021 14:08	0:01	SSA2	0.02110	0.00208	Oversupply
1/20/2021 14:09	0:01	SSA2	0.02110	0.00006	Oversupply
1/20/2021 14:10	0:01	SSA2	0.02110	-0.00197	Oversupply
1/20/2021 15:37	0:01	SSA2	0.00253	0.50739	Oversupply
1/20/2021 15:37	0:02	SSA3	0.01938	1.21000	Oversupply
1/20/2021 15:38	0:01	SSA2	0.00253	0.23711	Oversupply
1/20/2021 15:38	0:05	17-2	0.01083	0.17200	Oversupply
1/20/2021 15:39	0:01	SSA2	0.00253	0.19887	Oversupply
1/20/2021 15:39	0:02	SSA3	0.01938	0.48400	Oversupply
1/20/2021 15:40	0:01	SSA2	0.00253	0.16063	Oversupply
1/20/2021 19:20	0:01	KWP/II	0.00672	19.04897	Oversupply
1/20/2021 19:38	0:23	KWP/II	0.66938	19.04897	Oversupply
1/20/2021 21:34	8:01	KWP/II	110.59270	19.21064	Oversupply
1/20/2021 23:44	0:01	AWE	0.00633	20.30000	Oversupply
1/21/2021 0:00	0:01	AWE	0.01062	19.10000	Oversupply
1/21/2021 0:02	0:02	AWE	0.01014	19.40000	Oversupply
1/21/2021 0:05	0:04	AWE	0.05146	19.90000	Oversupply
1/21/2021 0:10	0:17	AWE	0.45122	19.90000	Oversupply
1/21/2021 0:41	0:46	AWE	3.76725	19.60000	Oversupply
1/21/2021 1:29	0:24	AWE	0.61893	14.40000	Oversupply
1/21/2021 2:02	0:01	AWE	0.00382	8.90000	Oversupply
1/21/2021 2:07	0:01	AWE	0.00381	10.10000	Oversupply
1/21/2021 2:33	0:01	AWE	0.01237	10.00000	Oversupply
1/21/2021 4:27	0:09	AWE	0.17516	16.00000	Oversupply
1/21/2021 5:14	0:01	AWE	0.00419	17.20000	Oversupply
1/21/2021 5:26	0:02	AWE	0.01824	19.40000	Oversupply
1/21/2021 5:36	2:05	KWP/II	13.97618	19.21064	Oversupply
1/21/2021 7:02	0:39	BS250	Data is not available	Data is not available	Oversupply
1/21/2021 7:10	0:30	SSA3	0.03643	0.00100	Oversupply
1/21/2021 7:13	0:24	SSA2	0.01359	0.00013	Oversupply
1/21/2021 7:33	0:08	17-2	0.00213	0.01800	Oversupply
1/21/2021 7:43	0:01	BS250	Data is not available	Data is not available	Oversupply
1/21/2021 7:43	0:02	17-2	0.00032	0.01800	Oversupply
1/21/2021 7:43	0:05	SSA3	0.01392	0.00100	Oversupply
1/21/2021 7:44	0:01	KWP/II	0.00358	19.21064	Oversupply
1/21/2021 7:50	7:44	SSA3	16.15108	0.16900	Oversupply
1/21/2021 7:51	7:43	BS250	Data is not available	Data is not available	Oversupply
1/21/2021 7:51	9:19	17-2	3.16779	0.75000	Oversupply
1/21/2021 7:52	7:38	SSA2	9.82034	0.01645	Oversupply
1/21/2021 7:52	7:42	KWP/II	134.19197	19.21064	Oversupply
1/21/2021 8:50	0:08	AWE	0.29689	20.10000	Oversupply
1/21/2021 9:03	6:09	AWE	84.25284	21.00000	Oversupply
1/21/2021 10:46	0:07	5A	Data is not available	Data is not available	Oversupply
1/21/2021 10:46	0:07	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 10:47	0:02	KWP	0.00703	27.24396	Oversupply
1/21/2021 10:54	0:02	5A	Data is not available	Data is not available	Oversupply
1/21/2021 10:54	0:02	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 10:58	0:03	5A	Data is not available	Data is not available	Oversupply
1/21/2021 10:58	0:03	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 11:02	0:16	5A	Data is not available	Data is not available	Oversupply
1/21/2021 11:02	0:16	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 11:19	0:05	5A	Data is not available	Data is not available	Oversupply
1/21/2021 11:19	0:05	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 11:20	0:01	KWP	0.00088	23.97363	Oversupply
1/21/2021 11:22	0:01	KWP	0.00264	22.60220	Oversupply
1/21/2021 11:25	0:03	5A	Data is not available	Data is not available	Oversupply
1/21/2021 11:25	0:03	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 11:29	0:11	5A	Data is not available	Data is not available	Oversupply
1/21/2021 11:29	0:11	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 11:34	0:01	KWP	0.00264	20.70330	Oversupply
1/21/2021 11:37	0:01	KWP	0.00166	19.64835	Oversupply
1/21/2021 11:41	0:01	5A	Data is not available	Data is not available	Oversupply
1/21/2021 11:41	0:01	SAG	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
1/21/2021 11:43	0:05	5A	Data is not available	Data is not available	Oversupply
1/21/2021 11:43	0:05	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 11:44	0:01	KWP	0.00088	19.27912	Oversupply
1/21/2021 11:48	0:01	KWP	0.00124	17.48571	Oversupply
1/21/2021 11:50	0:01	5A	Data is not available	Data is not available	Oversupply
1/21/2021 11:50	0:01	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 11:51	0:01	KWP	0.00088	18.48791	Oversupply
1/21/2021 11:52	0:03	5A	Data is not available	Data is not available	Oversupply
1/21/2021 11:52	0:03	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 11:53	0:01	KWP	0.00176	19.06813	Oversupply
1/21/2021 11:56	0:08	5A	Data is not available	Data is not available	Oversupply
1/21/2021 11:56	0:08	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 12:05	0:01	KWP	0.00088	19.64835	Oversupply
1/21/2021 12:05	0:10	5A	Data is not available	Data is not available	Oversupply
1/21/2021 12:05	0:10	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 12:08	0:01	KWP	0.00088	20.70330	Oversupply
1/21/2021 12:12	0:01	KWP	0.00088	18.43517	Oversupply
1/21/2021 12:15	0:01	KWP	0.00176	17.85494	Oversupply
1/21/2021 12:18	0:02	5A	Data is not available	Data is not available	Oversupply
1/21/2021 12:18	0:02	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 12:21	0:03	5A	Data is not available	Data is not available	Oversupply
1/21/2021 12:21	0:03	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 12:25	0:02	5A	Data is not available	Data is not available	Oversupply
1/21/2021 12:25	0:02	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 12:31	0:01	5A	Data is not available	Data is not available	Oversupply
1/21/2021 12:31	0:01	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 12:33	0:03	5A	Data is not available	Data is not available	Oversupply
1/21/2021 12:33	0:03	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 12:35	0:01	KWP	0.00176	21.28352	Oversupply
1/21/2021 12:39	0:02	5A	Data is not available	Data is not available	Oversupply
1/21/2021 12:39	0:02	KWP	0.00440	21.49450	Oversupply
1/21/2021 12:39	0:02	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 12:45	0:02	5A	Data is not available	Data is not available	Oversupply
1/21/2021 12:45	0:02	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 12:48	0:01	5A	Data is not available	Data is not available	Oversupply
1/21/2021 12:48	0:01	KWP	0.00088	22.91868	Oversupply
1/21/2021 12:48	0:01	SAG	Data is not available	Data is not available	Oversupply
1/21/2021 15:14	0:01	AWE	0.00074	21.00000	Oversupply
1/21/2021 15:18	0:11	AWE	0.23918	21.00000	Oversupply
1/21/2021 15:30	0:02	SSA2	0.02617	-0.00141	Oversupply
1/21/2021 15:32	0:01	SSA2	0.01308	0.00063	Oversupply
1/21/2021 15:33	0:01	SSA2	0.01308	0.00312	Oversupply
1/21/2021 15:34	0:01	SSA2	0.01308	0.00096	Oversupply
1/21/2021 15:34	0:02	SSA3	0.06798	0.00300	Oversupply
1/21/2021 15:35	0:01	SSA2	0.01308	-0.00120	Oversupply
1/21/2021 15:35	1:34	BS250	Data is not available	Data is not available	Oversupply
1/21/2021 15:35	1:34	KWP11	13.35174	19.21064	Oversupply
1/21/2021 15:36	0:01	SSA2	0.01308	-0.00139	Oversupply
1/21/2021 15:36	1:33	SSA3	2.23831	-0.00100	Oversupply
1/21/2021 15:37	1:30	SSA2	2.07540	-0.00158	Oversupply
1/21/2021 17:07	0:01	SSA2	0.01745	0.00901	Oversupply
1/21/2021 17:08	0:01	SSA2	0.01745	0.01594	Oversupply
1/21/2021 17:08	0:02	SSA3	0.01571	0.18000	Oversupply
1/21/2021 17:09	0:01	SSA2	0.01745	0.12402	Oversupply
1/21/2021 17:10	0:01	SSA2	0.01745	0.23210	Oversupply
1/21/2021 17:11	0:02	17-2	0.00215	0.11300	Oversupply
1/21/2021 21:08	0:16	KWP11	0.58551	19.21064	Oversupply
1/21/2021 21:33	7:46	KWP11	139.97583	19.21064	Oversupply
1/21/2021 22:48	0:50	AWE	3.40586	21.00000	Oversupply
1/21/2021 23:39	0:01	AWE	0.00749	21.00000	Oversupply
1/21/2021 23:42	0:01	AWE	0.00063	20.60000	Oversupply
1/21/2021 23:46	4:35	AWE	42.28684	21.00000	Oversupply
1/22/2021 4:22	0:01	AWE	0.00089	9.90000	Oversupply
1/22/2021 4:24	0:50	AWE	2.97859	18.90000	Oversupply
1/22/2021 5:21	1:50	KWP11	18.85580	19.21064	Oversupply
1/22/2021 5:37	0:01	AWE	0.00247	18.90000	Oversupply
1/22/2021 5:39	0:06	AWE	0.05963	21.00000	Oversupply
1/22/2021 5:46	0:02	AWE	0.00132	21.00000	Oversupply
1/22/2021 5:49	0:01	AWE	0.00057	21.00000	Oversupply
1/22/2021 7:02	0:09	BS250	Data is not available	Data is not available	Oversupply
1/22/2021 7:14	9:17	BS250	Data is not available	Data is not available	Oversupply
1/22/2021 7:15	9:16	SSA3	18.62918	0.01300	Oversupply
1/22/2021 7:16	9:15	KWP11	145.56394	19.21064	Oversupply
1/22/2021 7:17	9:10	SSA2	18.06157	0.00004	Oversupply
1/22/2021 7:33	9:06	17-2	4.44442	0.75000	Oversupply



Maui Curtailment Report

January 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/22/2021 9:06	0:01	AWE	0.00174	21.00000	Oversupply
1/22/2021 9:10	6:26	AWE	109.77948	21.00000	Oversupply
1/22/2021 10:43	0:01	5A	Data is not available	Data is not available	Oversupply
1/22/2021 10:43	0:01	KWP	0.00088	28.61539	Oversupply
1/22/2021 10:43	0:01	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 10:47	0:01	5A	Data is not available	Data is not available	Oversupply
1/22/2021 10:47	0:01	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 10:49	0:03	5A	Data is not available	Data is not available	Oversupply
1/22/2021 10:49	0:03	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 10:52	0:01	KWP	0.00176	26.98022	Oversupply
1/22/2021 10:53	0:05	5A	Data is not available	Data is not available	Oversupply
1/22/2021 10:53	0:05	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 10:59	0:04	5A	Data is not available	Data is not available	Oversupply
1/22/2021 10:59	0:04	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 11:04	0:17	5A	Data is not available	Data is not available	Oversupply
1/22/2021 11:04	0:17	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 11:07	0:01	KWP	0.00088	25.50330	Oversupply
1/22/2021 11:22	0:08	5A	Data is not available	Data is not available	Oversupply
1/22/2021 11:22	0:08	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 11:23	0:01	KWP	0.00088	23.92088	Oversupply
1/22/2021 11:30	0:01	KWP	0.00088	22.86593	Oversupply
1/22/2021 11:31	0:15	5A	Data is not available	Data is not available	Oversupply
1/22/2021 11:31	0:15	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 11:34	0:01	KWP	0.00264	22.70769	Oversupply
1/22/2021 11:38	0:01	KWP	0.00088	22.39121	Oversupply
1/22/2021 11:42	0:01	KWP	0.00088	20.80879	Oversupply
1/22/2021 11:45	0:01	KWP	0.00088	20.70330	Oversupply
1/22/2021 11:48	0:02	5A	Data is not available	Data is not available	Oversupply
1/22/2021 11:48	0:02	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 11:51	0:13	5A	Data is not available	Data is not available	Oversupply
1/22/2021 11:51	0:13	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 11:53	0:01	KWP	0.00088	21.49450	Oversupply
1/22/2021 11:56	0:02	KWP	0.00390	21.01978	Oversupply
1/22/2021 12:05	0:01	5A	Data is not available	Data is not available	Oversupply
1/22/2021 12:05	0:01	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 12:07	0:06	5A	Data is not available	Data is not available	Oversupply
1/22/2021 12:07	0:06	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 12:14	0:02	5A	Data is not available	Data is not available	Oversupply
1/22/2021 12:14	0:02	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 12:17	0:03	5A	Data is not available	Data is not available	Oversupply
1/22/2021 12:17	0:03	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 12:18	0:01	KWP	0.00176	22.12747	Oversupply
1/22/2021 12:20	0:01	KWP	0.00088	20.38681	Oversupply
1/22/2021 12:22	0:01	5A	Data is not available	Data is not available	Oversupply
1/22/2021 12:22	0:01	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 12:24	0:03	5A	Data is not available	Data is not available	Oversupply
1/22/2021 12:24	0:03	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 12:27	0:01	KWP	0.00088	18.69890	Oversupply
1/22/2021 12:28	0:09	5A	Data is not available	Data is not available	Oversupply
1/22/2021 12:28	0:09	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 12:38	0:05	5A	Data is not available	Data is not available	Oversupply
1/22/2021 12:38	0:05	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 12:44	0:15	5A	Data is not available	Data is not available	Oversupply
1/22/2021 12:44	0:15	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 12:47	0:01	KWP	0.00088	19.06813	Oversupply
1/22/2021 12:55	0:01	KWP	0.00264	19.33187	Oversupply
1/22/2021 12:58	0:01	KWP	0.00352	19.01538	Oversupply
1/22/2021 13:00	0:01	5A	Data is not available	Data is not available	Oversupply
1/22/2021 13:00	0:01	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 13:05	0:04	5A	Data is not available	Data is not available	Oversupply
1/22/2021 13:05	0:04	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 13:10	0:01	5A	Data is not available	Data is not available	Oversupply
1/22/2021 13:10	0:01	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 13:12	0:02	5A	Data is not available	Data is not available	Oversupply
1/22/2021 13:12	0:02	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 13:15	0:06	5A	Data is not available	Data is not available	Oversupply
1/22/2021 13:15	0:06	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 13:22	0:02	5A	Data is not available	Data is not available	Oversupply
1/22/2021 13:22	0:02	KWP	0.00264	20.80879	Oversupply
1/22/2021 13:22	0:02	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 13:25	0:01	KWP	0.00088	20.49231	Oversupply
1/22/2021 13:25	0:08	5A	Data is not available	Data is not available	Oversupply
1/22/2021 13:25	0:08	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 13:31	0:02	KWP	0.00176	19.80659	Oversupply
1/22/2021 13:34	0:02	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

January 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/22/2021 13:34	0:02	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 13:39	0:19	5A	Data is not available	Data is not available	Oversupply
1/22/2021 13:39	0:19	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 13:59	0:04	5A	Data is not available	Data is not available	Oversupply
1/22/2021 13:59	0:04	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 14:04	0:04	5A	Data is not available	Data is not available	Oversupply
1/22/2021 14:04	0:04	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 14:09	0:01	KWP	0.00882	25.66154	Oversupply
1/22/2021 14:09	0:08	5A	Data is not available	Data is not available	Oversupply
1/22/2021 14:09	0:08	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 14:16	0:01	KWP	0.00088	25.87253	Oversupply
1/22/2021 14:18	0:03	5A	Data is not available	Data is not available	Oversupply
1/22/2021 14:18	0:03	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 14:23	0:02	5A	Data is not available	Data is not available	Oversupply
1/22/2021 14:23	0:02	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 14:24	0:02	KWP	0.00440	26.98022	Oversupply
1/22/2021 14:29	0:01	5A	Data is not available	Data is not available	Oversupply
1/22/2021 14:29	0:01	SAG	Data is not available	Data is not available	Oversupply
1/22/2021 14:31	0:01	KWP	0.00264	28.19341	Oversupply
1/22/2021 16:27	0:02	SSA2	0.05781	-0.00154	Oversupply
1/22/2021 16:29	0:01	SSA2	0.02891	0.00108	Oversupply
1/22/2021 16:30	0:01	SSA2	0.00893	0.00255	Oversupply
1/22/2021 16:31	0:01	SSA2	0.00893	0.05856	Oversupply
1/22/2021 16:31	0:02	SSA3	0.01377	0.16100	Oversupply
1/22/2021 16:32	0:01	SSA2	0.00893	0.11457	Oversupply
1/22/2021 16:33	0:01	SSA2	0.00893	0.21398	Oversupply
1/22/2021 16:33	0:02	SSA3	0.01389	0.21000	Oversupply
1/22/2021 16:34	0:01	SSA2	0.00893	0.31339	Oversupply
1/22/2021 16:35	0:02	SSA3	0.01389	0.55200	Oversupply
1/22/2021 21:06	8:25	KWP	130.32397	19.21064	Oversupply
1/22/2021 23:58	5:29	AWE	43.04479	21.00000	Oversupply
1/23/2021 5:33	0:07	KWP	0.32255	5.14745	Oversupply
1/23/2021 5:51	0:01	KWP	0.00040	4.59159	Oversupply
1/23/2021 6:29	0:12	KWP	0.54829	17.77558	Oversupply
1/23/2021 6:43	8:15	KWP	136.98372	19.21064	Oversupply
1/23/2021 7:02	4:08	BS250	Data is not available	Data is not available	Oversupply
1/23/2021 7:06	7:51	SSA3	15.31781	0.00200	Oversupply
1/23/2021 7:11	7:44	SSA2	8.89732	-0.00091	Oversupply
1/23/2021 7:39	7:47	17-2	2.53479	0.75000	Oversupply
1/23/2021 8:48	6:06	AWE	93.56494	21.00000	Oversupply
1/23/2021 10:38	0:05	5A	Data is not available	Data is not available	Oversupply
1/23/2021 10:38	0:05	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 10:42	0:02	KWP	0.00949	27.87692	Oversupply
1/23/2021 10:44	0:02	5A	Data is not available	Data is not available	Oversupply
1/23/2021 10:44	0:02	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 10:45	0:01	KWP	0.00440	28.24615	Oversupply
1/23/2021 10:49	0:01	5A	Data is not available	Data is not available	Oversupply
1/23/2021 10:49	0:01	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 10:51	0:05	5A	Data is not available	Data is not available	Oversupply
1/23/2021 10:51	0:05	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 10:56	0:02	KWP	0.00264	24.71209	Oversupply
1/23/2021 10:59	0:01	5A	Data is not available	Data is not available	Oversupply
1/23/2021 10:59	0:01	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 11:05	0:01	5A	Data is not available	Data is not available	Oversupply
1/23/2021 11:05	0:01	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 11:11	0:04	5A	Data is not available	Data is not available	Oversupply
1/23/2021 11:11	0:04	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 11:11	1:05	BS250	Data is not available	Data is not available	Oversupply
1/23/2021 11:14	0:01	KWP	0.00088	25.02857	Oversupply
1/23/2021 11:18	0:01	5A	Data is not available	Data is not available	Oversupply
1/23/2021 11:18	0:01	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 11:20	0:01	5A	Data is not available	Data is not available	Oversupply
1/23/2021 11:20	0:01	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 11:21	0:01	KWP	0.00264	26.98022	Oversupply
1/23/2021 11:22	0:08	5A	Data is not available	Data is not available	Oversupply
1/23/2021 11:22	0:08	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 11:24	0:01	KWP	0.00088	27.50769	Oversupply
1/23/2021 11:26	0:02	KWP	0.00527	27.03297	Oversupply
1/23/2021 11:31	0:06	5A	Data is not available	Data is not available	Oversupply
1/23/2021 11:31	0:06	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 11:35	0:01	KWP	0.00176	25.45055	Oversupply
1/23/2021 11:38	0:03	5A	Data is not available	Data is not available	Oversupply
1/23/2021 11:38	0:03	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 11:43	0:02	5A	Data is not available	Data is not available	Oversupply
1/23/2021 11:43	0:02	SAG	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

January 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/23/2021 11:46	0:08	5A	Data is not available	Data is not available	Oversupply
1/23/2021 11:46	0:08	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 11:50	0:02	KWP	0.00352	22.02198	Oversupply
1/23/2021 11:55	0:01	5A	Data is not available	Data is not available	Oversupply
1/23/2021 11:55	0:01	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 11:57	0:01	5A	Data is not available	Data is not available	Oversupply
1/23/2021 11:57	0:01	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 11:58	0:01	KWP	0.00088	18.90989	Oversupply
1/23/2021 12:02	0:08	5A	Data is not available	Data is not available	Oversupply
1/23/2021 12:02	0:08	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 12:04	0:01	KWP	0.00176	23.12967	Oversupply
1/23/2021 12:11	0:02	5A	Data is not available	Data is not available	Oversupply
1/23/2021 12:11	0:02	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 12:14	0:04	5A	Data is not available	Data is not available	Oversupply
1/23/2021 12:14	0:04	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 12:17	2:41	BS250	Data is not available	Data is not available	Oversupply
1/23/2021 12:19	0:01	5A	Data is not available	Data is not available	Oversupply
1/23/2021 12:19	0:01	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 12:22	0:01	5A	Data is not available	Data is not available	Oversupply
1/23/2021 12:22	0:01	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 12:25	0:01	5A	Data is not available	Data is not available	Oversupply
1/23/2021 12:25	0:01	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 12:26	0:03	KWP	0.00352	26.18901	Oversupply
1/23/2021 12:27	0:03	5A	Data is not available	Data is not available	Oversupply
1/23/2021 12:27	0:03	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 12:31	0:01	5A	Data is not available	Data is not available	Oversupply
1/23/2021 12:31	0:01	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 12:31	0:02	KWP	0.00527	22.28572	Oversupply
1/23/2021 12:33	0:03	5A	Data is not available	Data is not available	Oversupply
1/23/2021 12:33	0:03	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 12:38	0:02	5A	Data is not available	Data is not available	Oversupply
1/23/2021 12:38	0:02	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 12:41	0:03	5A	Data is not available	Data is not available	Oversupply
1/23/2021 12:41	0:03	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 12:44	0:01	KWP	0.00176	21.33626	Oversupply
1/23/2021 12:45	0:05	5A	Data is not available	Data is not available	Oversupply
1/23/2021 12:45	0:05	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 12:51	0:02	5A	Data is not available	Data is not available	Oversupply
1/23/2021 12:51	0:02	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 12:53	0:01	KWP	0.00176	17.85494	Oversupply
1/23/2021 12:55	0:12	5A	Data is not available	Data is not available	Oversupply
1/23/2021 12:55	0:12	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 12:56	0:01	KWP	0.00088	18.75165	Oversupply
1/23/2021 12:58	0:01	KWP	0.00176	17.90769	Oversupply
1/23/2021 13:00	0:01	KWP	0.00176	18.59341	Oversupply
1/23/2021 13:05	0:01	KWP	0.00088	17.11648	Oversupply
1/23/2021 13:08	0:01	KWP	0.00176	15.27033	Oversupply
1/23/2021 13:08	0:07	5A	Data is not available	Data is not available	Oversupply
1/23/2021 13:08	0:07	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 13:17	0:02	5A	Data is not available	Data is not available	Oversupply
1/23/2021 13:17	0:02	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 13:20	0:02	5A	Data is not available	Data is not available	Oversupply
1/23/2021 13:20	0:02	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 13:21	0:01	KWP	0.00176	18.64615	Oversupply
1/23/2021 13:23	0:03	5A	Data is not available	Data is not available	Oversupply
1/23/2021 13:23	0:03	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 13:27	0:02	5A	Data is not available	Data is not available	Oversupply
1/23/2021 13:27	0:02	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 13:31	0:02	5A	Data is not available	Data is not available	Oversupply
1/23/2021 13:31	0:02	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 13:42	0:01	5A	Data is not available	Data is not available	Oversupply
1/23/2021 13:42	0:01	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 13:44	0:01	5A	Data is not available	Data is not available	Oversupply
1/23/2021 13:44	0:01	SAG	Data is not available	Data is not available	Oversupply
1/23/2021 14:55	0:01	SSA2	0.04429	-0.00103	Oversupply
1/23/2021 14:56	0:01	SSA2	0.04429	0.00017	Oversupply
1/23/2021 14:57	0:01	SSA2	0.04429	0.13094	Oversupply
1/23/2021 14:57	0:02	SSA3	0.03631	-0.00100	Oversupply
1/23/2021 14:58	0:01	SSA2	0.04429	0.26171	Oversupply
1/23/2021 14:59	0:01	SSA2	0.04429	0.17129	Oversupply
1/23/2021 14:59	0:02	SSA3	0.03631	0.48200	Oversupply
1/23/2021 15:00	0:01	SSA2	0.02694	0.08088	Oversupply
1/23/2021 15:00	0:19	BS250	Data is not available	Data is not available	Oversupply
1/23/2021 15:00	0:20	KWP11	2.36582	18.97612	Oversupply
1/23/2021 15:01	0:01	SSA2	0.02694	0.04212	Oversupply



Maui Curtailment Report

January 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/23/2021 15:01	0:18	SSA3	0.57271	0.00200	Oversupply
1/23/2021 15:02	0:15	SSA2	0.37988	0.00337	Oversupply
1/23/2021 15:17	0:01	SSA2	0.01481	0.05224	Oversupply
1/23/2021 15:18	0:01	SSA2	0.01481	0.10567	Oversupply
1/23/2021 15:19	0:01	SSA2	0.01481	0.41152	Oversupply
1/23/2021 15:19	0:02	SSA3	0.01814	0.56000	Oversupply
1/23/2021 15:20	0:01	SSA2	0.01481	0.71737	Oversupply
1/23/2021 15:21	0:01	SSA2	0.01481	0.74102	Oversupply
1/23/2021 15:21	0:02	SSA3	0.01814	0.11100	Oversupply
1/23/2021 15:22	0:01	SSA2	0.01481	0.76466	Oversupply
1/23/2021 15:23	0:01	SSA2	0.01481	0.94453	Oversupply
1/23/2021 15:23	0:02	SSA3	0.01799	0.50400	Oversupply
1/23/2021 15:24	0:01	SSA2	0.01481	1.12440	Oversupply
1/23/2021 21:44	1:01	KWP11	12.89021	18.63382	Oversupply
1/23/2021 21:50	0:42	AWE	3.46095	21.00000	Oversupply
1/23/2021 22:36	0:03	AWE	0.03105	21.00000	Oversupply
1/24/2021 9:46	5:14	17-2	2.52300	0.75000	Oversupply
1/24/2021 9:50	0:01	SSA2	0.01195	0.97298	Oversupply
1/24/2021 9:50	0:02	SSA3	0.02807	2.03600	Oversupply
1/24/2021 9:51	0:01	SSA2	0.01195	0.32338	Oversupply
1/24/2021 9:52	0:01	SSA2	0.01195	0.55215	Oversupply
1/24/2021 9:52	0:02	SSA3	0.02807	0.48500	Oversupply
1/24/2021 9:53	0:01	SSA2	0.01195	0.78092	Oversupply
1/24/2021 9:54	0:01	SSA2	0.01195	0.77289	Oversupply
1/24/2021 9:54	0:02	SSA3	0.02807	0.94700	Oversupply
1/24/2021 9:55	0:01	SSA2	0.01195	0.76486	Oversupply
1/24/2021 9:56	0:01	SSA2	0.01195	0.57564	Oversupply
1/24/2021 9:56	0:02	SSA3	0.02807	0.88800	Oversupply
1/24/2021 9:57	0:01	SSA2	0.01195	0.38642	Oversupply
1/24/2021 9:58	0:01	SSA2	0.01195	0.37927	Oversupply
1/24/2021 9:58	0:02	SSA3	0.02951	0.58900	Oversupply
1/24/2021 9:59	0:01	SSA2	0.01195	0.37212	Oversupply
1/24/2021 10:00	0:01	SSA2	0.02828	0.33459	Oversupply
1/24/2021 10:00	0:02	SSA3	0.06837	0.41600	Oversupply
1/24/2021 10:01	0:01	SSA2	0.02828	0.29706	Oversupply
1/24/2021 10:02	0:01	SSA2	0.02828	0.28732	Oversupply
1/24/2021 10:02	0:02	SSA3	0.06837	0.16000	Oversupply
1/24/2021 10:03	0:01	SSA2	0.02828	0.27758	Oversupply
1/24/2021 10:04	0:01	SSA2	0.02828	0.15679	Oversupply
1/24/2021 10:04	0:02	SSA3	0.06781	0.06300	Oversupply
1/24/2021 10:05	0:01	SSA2	0.02828	0.03600	Oversupply
1/24/2021 10:05	0:16	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 10:06	0:01	SSA2	0.02828	0.01700	Oversupply
1/24/2021 10:06	4:28	SSA3	11.68977	0.00500	Oversupply
1/24/2021 10:07	4:23	SSA2	11.14051	-0.00200	Oversupply
1/24/2021 10:10	3:23	AWE	35.46575	21.00000	Oversupply
1/24/2021 10:22	0:05	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 10:28	0:29	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 10:58	0:46	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 11:31	3:03	KWP11	7.63962	4.96682	Oversupply
1/24/2021 11:45	0:19	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 12:05	0:20	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 12:26	0:03	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 12:30	0:16	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 12:47	0:13	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 13:01	0:12	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 13:14	0:06	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 13:21	0:03	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 13:25	0:34	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 13:35	0:33	AWE	1.95928	21.00000	Oversupply
1/24/2021 14:00	0:30	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 14:10	0:04	AWE	0.07594	21.00000	Oversupply
1/24/2021 14:17	0:07	AWE	0.24536	21.00000	Oversupply
1/24/2021 14:26	0:03	AWE	0.03459	21.00000	Oversupply
1/24/2021 14:30	0:01	SSA2	0.03233	-0.00300	Oversupply
1/24/2021 14:31	0:01	SSA2	0.03233	-0.00300	Oversupply
1/24/2021 14:31	0:02	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 14:32	0:01	SSA2	0.03233	0.00661	Oversupply
1/24/2021 14:33	0:01	SSA2	0.03233	0.01623	Oversupply
1/24/2021 14:34	0:01	SSA2	0.03233	0.07222	Oversupply
1/24/2021 14:34	0:02	SSA3	0.06686	0.19000	Oversupply
1/24/2021 14:35	0:01	SSA2	0.03233	0.12822	Oversupply
1/24/2021 14:36	0:01	SSA2	0.03233	0.10019	Oversupply
1/24/2021 14:36	0:02	SSA3	0.06686	0.77700	Oversupply
1/24/2021 14:37	0:01	SSA2	0.03233	0.07217	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/24/2021 14:37	0:01	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 14:37	0:02	KWPll	0.01761	4.01877	Oversupply
1/24/2021 14:38	0:01	SSA2	0.03233	0.25813	Oversupply
1/24/2021 14:38	0:02	SSA3	0.06686	0.00600	Oversupply
1/24/2021 14:39	0:01	SSA2	0.03233	0.44409	Oversupply
1/24/2021 14:40	0:01	SSA2	0.03233	0.46283	Oversupply
1/24/2021 14:40	0:01	BS250	Data is not available	Data is not available	Oversupply
1/24/2021 14:40	0:02	SSA3	0.06686	0.05700	Oversupply
1/24/2021 14:41	0:01	SSA2	0.03233	0.48156	Oversupply
1/24/2021 14:42	0:01	SSA2	0.03233	1.01799	Oversupply
1/24/2021 14:42	0:02	SSA3	0.06686	0.11800	Oversupply
1/24/2021 14:43	0:01	SSA2	0.03233	1.55442	Oversupply
1/24/2021 14:44	0:01	SSA2	0.03233	2.15085	Oversupply
1/24/2021 14:44	0:02	SSA3	0.04068	1.02000	Oversupply
1/24/2021 14:48	0:01	SSA2	0.01403	2.65102	Oversupply
1/24/2021 14:49	0:01	SSA2	0.01403	2.52675	Oversupply
1/24/2021 14:50	0:01	SSA2	0.01403	1.42068	Oversupply
1/24/2021 14:50	0:02	SSA3	0.02628	1.23700	Oversupply
1/24/2021 14:51	0:01	SSA2	0.01403	0.31461	Oversupply
1/24/2021 14:52	0:01	SSA2	0.01403	0.43065	Oversupply
1/24/2021 14:52	0:02	SSA3	0.02628	0.46500	Oversupply
1/24/2021 14:53	0:01	SSA2	0.01403	0.54669	Oversupply
1/24/2021 14:54	0:01	SSA2	0.01403	0.55664	Oversupply
1/24/2021 14:54	0:02	SSA3	0.02628	1.19200	Oversupply
1/24/2021 14:55	0:01	SSA2	0.01403	0.56659	Oversupply
1/24/2021 14:56	0:01	SSA2	0.01403	1.37284	Oversupply
1/24/2021 14:56	0:02	SSA3	0.02628	1.48200	Oversupply
1/24/2021 14:57	0:01	SSA2	0.01403	2.17908	Oversupply
1/24/2021 15:04	0:02	SSA3	0.00550	2.49100	Oversupply
1/24/2021 15:05	0:01	SSA2	0.00467	0.45182	Oversupply
1/24/2021 15:06	0:01	SSA2	0.00467	1.49753	Oversupply
1/24/2021 15:06	0:02	SSA3	0.00555	0.19400	Oversupply
1/25/2021 15:24	0:01	KWPll	0.00221	0.21256	Oversupply
1/26/2021 1:00	0:20	AWE	1.18208	21.00000	Oversupply
1/26/2021 1:05	0:29	KWPll	2.81084	13.23488	Oversupply
1/26/2021 1:26	3:15	AWE	40.29118	21.00000	Oversupply
1/26/2021 1:35	3:07	KWPll	48.70728	19.08490	Oversupply
1/26/2021 4:42	0:35	AWE	2.46672	21.00000	Oversupply
1/26/2021 4:46	0:42	KWPll	7.58706	15.23179	Oversupply
1/26/2021 5:22	0:02	AWE	0.02636	21.00000	Oversupply
1/26/2021 6:43	0:01	KWPll	0.00121	0.07285	Oversupply
1/26/2021 7:09	1:23	SSA3	0.22732	-0.00300	Oversupply
1/26/2021 7:11	0:27	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 7:12	1:21	KWPll	20.78341	19.20964	Oversupply
1/26/2021 7:14	7:08	SSA2	10.31978	-0.00261	Oversupply
1/26/2021 7:18	0:18	AWE	0.75961	21.00000	Oversupply
1/26/2021 7:38	7:16	17-2	3.21939	0.75000	Oversupply
1/26/2021 7:39	0:03	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 7:43	0:16	AWE	0.53295	21.00000	Oversupply
1/26/2021 7:43	0:49	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 8:01	0:26	AWE	0.61679	21.00000	Oversupply
1/26/2021 8:32	0:02	SSA3	0.01492	0.02000	Oversupply
1/26/2021 8:33	0:23	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 8:34	5:51	KWPll	93.85179	19.21064	Oversupply
1/26/2021 8:34	5:51	SSA3	11.21845	0.00100	Oversupply
1/26/2021 8:58	0:24	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 9:23	0:09	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 9:33	0:07	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 9:41	0:10	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 9:52	0:02	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 9:55	0:14	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 10:10	0:05	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 10:12	3:49	AWE	57.22456	21.00000	Oversupply
1/26/2021 10:16	0:02	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 10:19	0:30	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 10:50	0:18	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 11:09	0:05	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 11:15	0:17	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 11:33	0:19	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 11:42	0:04	5A	Data is not available	Data is not available	Oversupply
1/26/2021 11:42	0:04	SAG	Data is not available	Data is not available	Oversupply
1/26/2021 11:43	0:01	KWP	0.00060	26.08352	Oversupply
1/26/2021 11:47	0:07	5A	Data is not available	Data is not available	Oversupply
1/26/2021 11:47	0:07	SAG	Data is not available	Data is not available	Oversupply
1/26/2021 11:51	0:01	KWP	0.00176	25.45055	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/26/2021 11:54	0:12	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 11:55	0:10	5A	Data is not available	Data is not available	Oversupply
1/26/2021 11:55	0:10	SAG	Data is not available	Data is not available	Oversupply
1/26/2021 11:59	0:01	KWP	0.00088	26.08352	Oversupply
1/26/2021 12:03	0:01	KWP	0.00088	22.76044	Oversupply
1/26/2021 12:07	0:01	KWP	0.00088	24.44835	Oversupply
1/26/2021 12:07	0:06	5A	Data is not available	Data is not available	Oversupply
1/26/2021 12:07	0:06	SAG	Data is not available	Data is not available	Oversupply
1/26/2021 12:07	0:19	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 12:12	0:01	KWP	0.00088	22.44396	Oversupply
1/26/2021 12:14	0:11	5A	Data is not available	Data is not available	Oversupply
1/26/2021 12:14	0:11	SAG	Data is not available	Data is not available	Oversupply
1/26/2021 12:22	0:01	KWP	0.00176	20.43956	Oversupply
1/26/2021 12:24	0:01	KWP	0.00088	20.28132	Oversupply
1/26/2021 12:27	0:01	KWP	0.00088	20.75604	Oversupply
1/26/2021 12:27	0:11	5A	Data is not available	Data is not available	Oversupply
1/26/2021 12:27	0:11	SAG	Data is not available	Data is not available	Oversupply
1/26/2021 12:27	0:19	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 12:32	0:01	KWP	0.00129	19.91209	Oversupply
1/26/2021 12:34	0:01	KWP	0.00264	19.91209	Oversupply
1/26/2021 12:36	0:01	KWP	0.00088	18.64615	Oversupply
1/26/2021 12:39	0:01	5A	Data is not available	Data is not available	Oversupply
1/26/2021 12:39	0:01	SAG	Data is not available	Data is not available	Oversupply
1/26/2021 12:41	0:27	5A	Data is not available	Data is not available	Oversupply
1/26/2021 12:41	0:27	SAG	Data is not available	Data is not available	Oversupply
1/26/2021 12:42	0:01	KWP	0.00088	22.39121	Oversupply
1/26/2021 12:44	0:01	KWP	0.00176	22.02198	Oversupply
1/26/2021 12:47	0:13	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 12:53	0:01	KWP	0.00088	22.65495	Oversupply
1/26/2021 12:55	0:01	KWP	0.00088	21.44176	Oversupply
1/26/2021 13:01	0:11	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 13:09	0:14	5A	Data is not available	Data is not available	Oversupply
1/26/2021 13:09	0:14	SAG	Data is not available	Data is not available	Oversupply
1/26/2021 13:11	0:02	KWP	0.00176	22.65495	Oversupply
1/26/2021 13:13	0:11	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 13:17	0:01	KWP	0.00088	21.54725	Oversupply
1/26/2021 13:20	0:01	KWP	0.00088	21.12527	Oversupply
1/26/2021 13:25	0:07	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 13:33	0:25	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 13:59	0:05	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 14:05	0:10	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 14:06	0:13	AWE	0.38152	21.00000	Oversupply
1/26/2021 14:17	0:08	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 14:22	0:01	SSA2	0.02350	0.00168	Oversupply
1/26/2021 14:23	0:01	SSA2	0.02350	0.00126	Oversupply
1/26/2021 14:24	0:01	SSA2	0.02350	-0.00047	Oversupply
1/26/2021 14:25	0:01	SSA2	0.02350	-0.00220	Oversupply
1/26/2021 14:25	0:02	SSA3	0.07667	0.11900	Oversupply
1/26/2021 14:26	0:01	SSA2	0.02350	0.00446	Oversupply
1/26/2021 14:27	0:01	SSA2	0.02350	0.01111	Oversupply
1/26/2021 14:27	0:07	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 14:27	0:07	KWP	0.56531	10.97451	Oversupply
1/26/2021 14:27	0:08	SSA3	0.25604	0.00300	Oversupply
1/26/2021 14:28	0:01	SSA2	0.02350	0.00877	Oversupply
1/26/2021 14:29	0:01	SSA2	0.02350	0.00643	Oversupply
1/26/2021 14:30	0:01	SSA2	0.01655	0.00241	Oversupply
1/26/2021 14:31	0:01	SSA2	0.01655	-0.00162	Oversupply
1/26/2021 14:32	0:01	SSA2	0.01655	-0.00166	Oversupply
1/26/2021 14:33	0:01	SSA2	0.01655	-0.00170	Oversupply
1/26/2021 14:34	0:01	SSA2	0.01655	0.07693	Oversupply
1/26/2021 14:35	0:01	SSA2	0.01655	0.15555	Oversupply
1/26/2021 14:35	0:02	SSA3	0.06221	0.98300	Oversupply
1/26/2021 14:39	0:02	SSA3	0.06221	2.71600	Oversupply
1/26/2021 14:40	0:01	SSA2	0.01655	0.79196	Oversupply
1/26/2021 14:41	0:01	SSA2	0.01655	0.31878	Oversupply
1/26/2021 14:41	0:02	SSA3	0.06221	0.18400	Oversupply
1/26/2021 14:42	0:01	SSA2	0.01655	0.17786	Oversupply
1/26/2021 14:43	0:01	SSA2	0.01655	0.03694	Oversupply
1/26/2021 14:43	0:04	SSA3	0.10284	0.05700	Oversupply
1/26/2021 14:44	0:01	SSA2	0.01655	0.02051	Oversupply
1/26/2021 14:44	0:05	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 14:45	0:01	SSA2	0.01045	0.00408	Oversupply
1/26/2021 14:45	0:03	KWP	0.06739	12.01139	Oversupply
1/26/2021 14:46	0:01	SSA2	0.01045	0.00061	Oversupply
1/26/2021 14:47	0:01	SSA2	0.01045	-0.00287	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/26/2021 14:47	0:02	SSA3	0.04418	-0.00100	Oversupply
1/26/2021 14:48	0:01	SSA2	0.01045	0.02634	Oversupply
1/26/2021 14:49	0:01	SSA2	0.01045	0.05556	Oversupply
1/26/2021 14:49	0:02	SSA3	0.04381	0.34300	Oversupply
1/26/2021 14:50	0:01	SSA2	0.01045	0.25376	Oversupply
1/26/2021 14:51	0:01	SSA2	0.01045	0.45196	Oversupply
1/26/2021 14:51	0:02	SSA3	0.04418	0.84000	Oversupply
1/26/2021 14:59	0:04	17-2	0.01266	0.39800	Oversupply
1/26/2021 14:59	0:02	SSA3	0.03564	2.32100	Oversupply
1/26/2021 15:47	0:01	SSA2	0.00476	1.44490	Oversupply
1/26/2021 15:48	0:01	SSA2	0.00476	0.40032	Oversupply
1/26/2021 16:06	0:01	SSA2	0.01290	1.55933	Oversupply
1/26/2021 16:06	0:02	SSA3	0.00874	0.49400	Oversupply
1/26/2021 16:07	0:01	SSA2	0.01290	0.81788	Oversupply
1/26/2021 16:07	0:07	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 16:08	0:01	SSA2	0.01290	0.07643	Oversupply
1/26/2021 16:08	0:43	KWP11	2.75543	18.89728	Oversupply
1/26/2021 16:08	0:42	SSA3	0.29602	0.00300	Oversupply
1/26/2021 16:09	0:01	SSA2	0.01290	0.03671	Oversupply
1/26/2021 16:10	0:37	SSA2	0.76387	-0.00300	Oversupply
1/26/2021 16:15	0:03	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 16:19	0:31	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 16:23	0:30	17-2	0.08127	0.20500	Oversupply
1/26/2021 16:47	0:01	SSA2	0.00754	0.03140	Oversupply
1/26/2021 16:48	0:01	SSA2	0.00754	0.03240	Oversupply
1/26/2021 16:49	0:01	SSA2	0.00754	0.05799	Oversupply
1/26/2021 16:50	0:01	SSA2	0.00754	0.08359	Oversupply
1/26/2021 16:50	0:02	SSA3	0.00342	0.00100	Oversupply
1/26/2021 17:10	0:02	17-2	0.00044	0.08600	Oversupply
1/26/2021 17:10	0:02	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 17:10	0:02	SSA3	0.00086	0.05200	Oversupply
1/26/2021 17:11	0:01	KWP11	0.00490	15.07212	Oversupply
1/26/2021 17:18	0:01	SSA2	0.00245	0.40808	Oversupply
1/26/2021 17:19	0:01	SSA2	0.00245	0.24825	Oversupply
1/26/2021 17:20	0:01	SSA2	0.00245	0.08842	Oversupply
1/26/2021 17:20	0:01	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 17:20	0:04	17-2	0.00402	0.06500	Oversupply
1/26/2021 17:20	0:02	SSA3	0.00126	0.00600	Oversupply
1/26/2021 17:21	0:01	KWP11	0.01147	15.74274	Oversupply
1/26/2021 17:22	0:01	BS250	Data is not available	Data is not available	Oversupply
1/26/2021 19:12	0:01	KWP11	0.00146	17.71371	Oversupply
1/26/2021 19:15	1:09	KWP11	9.80480	17.71371	Oversupply
1/26/2021 20:32	0:01	KWP11	0.00091	17.55803	Oversupply
1/26/2021 21:07	0:07	KWP11	0.04589	17.28658	Oversupply
1/26/2021 21:38	1:05	KWP11	5.40368	17.71371	Oversupply
1/26/2021 22:44	0:01	KWP11	0.00281	17.31652	Oversupply
1/26/2021 22:57	6:12	KWP11	86.11988	17.70473	Oversupply
1/27/2021 0:16	0:02	AWE	0.02581	21.00000	Oversupply
1/27/2021 0:37	0:03	AWE	0.02692	21.00000	Oversupply
1/27/2021 0:51	1:26	AWE	4.07030	21.00000	Oversupply
1/27/2021 2:18	2:24	AWE	19.57107	21.00000	Oversupply
1/27/2021 4:56	0:02	AWE	0.00465	21.00000	Oversupply
1/27/2021 5:10	1:56	BS250	Data is not available	Data is not available	Oversupply
1/27/2021 5:11	1:54	KWP11	13.35860	17.70772	Oversupply
1/27/2021 5:26	0:01	AWE	0.00074	21.00000	Oversupply
1/27/2021 7:06	0:01	KWP11	0.00624	17.69075	Oversupply
1/27/2021 7:36	0:01	BS250	Data is not available	Data is not available	Oversupply
1/27/2021 7:37	0:01	SSA2	0.00178	0.06726	Oversupply
1/27/2021 7:37	0:58	SSA3	0.47509	0.04400	Oversupply
1/27/2021 7:38	0:55	SSA2	0.16406	0.00223	Oversupply
1/27/2021 7:38	0:59	17-2	0.05814	0.14600	Oversupply
1/27/2021 7:38	0:57	BS250	Data is not available	Data is not available	Oversupply
1/27/2021 7:38	0:58	KWP11	3.17867	17.71371	Oversupply
1/27/2021 8:33	0:01	SSA2	0.00206	0.00190	Oversupply
1/27/2021 8:34	0:01	SSA2	0.00206	0.00325	Oversupply
1/27/2021 8:43	0:03	17-2	0.00240	0.05100	Oversupply
1/27/2021 8:43	0:03	KWP11	0.13910	17.70872	Oversupply
1/27/2021 8:46	7:48	SSA3	17.77896	1.08700	Oversupply
1/27/2021 8:47	0:01	SSA2	0.00579	0.03526	Oversupply
1/27/2021 8:47	7:47	KWP11	117.82380	19.21064	Oversupply
1/27/2021 8:47	7:52	17-2	3.97366	0.75000	Oversupply
1/27/2021 8:48	7:42	SSA2	15.71332	0.00846	Oversupply
1/27/2021 9:19	5:33	AWE	79.70098	21.00000	Oversupply
1/27/2021 10:41	0:10	BS250	Data is not available	Data is not available	Oversupply
1/27/2021 10:55	5:39	BS250	Data is not available	Data is not available	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/27/2021 11:45	0:08	5A	Data is not available	Data is not available	Oversupply
1/27/2021 11:45	0:08	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 11:50	0:01	KWP	0.00088	28.45714	Oversupply
1/27/2021 11:52	0:01	KWP	0.00264	27.56044	Oversupply
1/27/2021 11:54	0:01	5A	Data is not available	Data is not available	Oversupply
1/27/2021 11:54	0:01	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 11:56	0:01	KWP	0.00264	28.66813	Oversupply
1/27/2021 11:56	0:12	5A	Data is not available	Data is not available	Oversupply
1/27/2021 11:56	0:12	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 12:00	0:01	KWP	0.00176	28.56264	Oversupply
1/27/2021 12:09	0:05	5A	Data is not available	Data is not available	Oversupply
1/27/2021 12:09	0:05	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 12:10	0:01	KWP	0.00352	25.13407	Oversupply
1/27/2021 12:15	0:02	5A	Data is not available	Data is not available	Oversupply
1/27/2021 12:15	0:02	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 12:20	0:10	5A	Data is not available	Data is not available	Oversupply
1/27/2021 12:20	0:10	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 12:31	0:05	5A	Data is not available	Data is not available	Oversupply
1/27/2021 12:31	0:05	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 12:32	0:02	KWP	0.00176	26.24176	Oversupply
1/27/2021 12:39	0:01	5A	Data is not available	Data is not available	Oversupply
1/27/2021 12:39	0:01	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 12:40	0:01	KWP	0.00088	25.76703	Oversupply
1/27/2021 12:41	0:02	5A	Data is not available	Data is not available	Oversupply
1/27/2021 12:41	0:02	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 12:43	0:01	KWP	0.00088	25.34505	Oversupply
1/27/2021 12:44	0:03	5A	Data is not available	Data is not available	Oversupply
1/27/2021 12:44	0:03	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 12:49	0:02	5A	Data is not available	Data is not available	Oversupply
1/27/2021 12:49	0:02	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 12:51	0:01	KWP	0.00176	24.23736	Oversupply
1/27/2021 12:52	0:02	5A	Data is not available	Data is not available	Oversupply
1/27/2021 12:52	0:02	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 12:55	0:05	5A	Data is not available	Data is not available	Oversupply
1/27/2021 12:55	0:05	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 12:57	0:01	KWP	0.00088	24.76484	Oversupply
1/27/2021 12:59	0:01	KWP	0.00176	25.34505	Oversupply
1/27/2021 13:01	0:03	5A	Data is not available	Data is not available	Oversupply
1/27/2021 13:01	0:03	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 13:05	0:04	5A	Data is not available	Data is not available	Oversupply
1/27/2021 13:05	0:04	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 13:07	0:01	KWP	0.00264	25.66154	Oversupply
1/27/2021 13:10	0:04	5A	Data is not available	Data is not available	Oversupply
1/27/2021 13:10	0:04	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 13:15	0:02	5A	Data is not available	Data is not available	Oversupply
1/27/2021 13:15	0:02	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 13:19	0:06	5A	Data is not available	Data is not available	Oversupply
1/27/2021 13:19	0:06	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 13:22	0:01	KWP	0.00088	24.65934	Oversupply
1/27/2021 13:27	0:03	5A	Data is not available	Data is not available	Oversupply
1/27/2021 13:27	0:03	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 13:34	0:02	5A	Data is not available	Data is not available	Oversupply
1/27/2021 13:34	0:02	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 13:37	0:01	5A	Data is not available	Data is not available	Oversupply
1/27/2021 13:37	0:01	SAG	Data is not available	Data is not available	Oversupply
1/27/2021 16:30	0:01	SSA2	0.01090	-0.00111	Oversupply
1/27/2021 16:31	0:01	SSA2	0.01090	-0.00189	Oversupply
1/27/2021 16:32	0:01	SSA2	0.01090	-0.00186	Oversupply
1/27/2021 16:33	0:01	SSA2	0.01090	-0.00183	Oversupply
1/27/2021 16:33	0:02	SSA3	0.01775	0.09800	Oversupply
1/27/2021 16:34	0:01	SSA2	0.01090	0.01374	Oversupply
1/27/2021 16:35	0:01	SSA2	0.01090	0.02930	Oversupply
1/27/2021 16:35	0:02	SSA3	0.01775	1.12000	Oversupply
1/27/2021 16:37	0:02	SSA3	0.01775	1.25700	Oversupply
1/27/2021 21:18	8:47	KWP	143.55614	19.21064	Oversupply
1/27/2021 23:44	0:01	AWE	0.00016	21.00000	Oversupply
1/27/2021 23:46	0:01	AWE	0.00174	21.00000	Oversupply
1/27/2021 23:49	6:10	AWE	52.17253	21.00000	Oversupply
1/28/2021 6:07	10:01	KWP	167.45388	19.21064	Oversupply
1/28/2021 7:02	9:51	BS250	Data is not available	Data is not available	Oversupply
1/28/2021 7:03	9:06	SSA3	18.49846	0.00600	Oversupply
1/28/2021 7:08	8:57	SSA2	15.36917	0.00666	Oversupply
1/28/2021 7:30	9:34	17-2	3.22877	0.75000	Oversupply
1/28/2021 8:47	0:01	AWE	0.00084	21.00000	Oversupply
1/28/2021 8:50	7:14	AWE	124.20494	21.00000	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/28/2021 10:04	0:01	5A	Data is not available	Data is not available	Oversupply
1/28/2021 10:04	0:01	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 10:07	0:08	5A	Data is not available	Data is not available	Oversupply
1/28/2021 10:07	0:08	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 10:16	0:01	5A	Data is not available	Data is not available	Oversupply
1/28/2021 10:16	0:01	KWP	0.00088	25.87253	Oversupply
1/28/2021 10:16	0:01	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 10:18	0:03	5A	Data is not available	Data is not available	Oversupply
1/28/2021 10:18	0:03	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 10:19	0:01	KWP	0.00176	23.65714	Oversupply
1/28/2021 10:21	0:01	KWP	0.00088	23.12967	Oversupply
1/28/2021 10:22	0:01	5A	Data is not available	Data is not available	Oversupply
1/28/2021 10:22	0:01	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 10:24	0:01	KWP	0.00176	24.07912	Oversupply
1/28/2021 10:24	0:02	5A	Data is not available	Data is not available	Oversupply
1/28/2021 10:24	0:02	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 10:26	0:01	KWP	0.00088	23.70989	Oversupply
1/28/2021 10:27	0:04	5A	Data is not available	Data is not available	Oversupply
1/28/2021 10:27	0:04	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 10:32	0:04	5A	Data is not available	Data is not available	Oversupply
1/28/2021 10:32	0:04	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 10:35	0:01	KWP	0.00088	19.49011	Oversupply
1/28/2021 10:37	0:10	5A	Data is not available	Data is not available	Oversupply
1/28/2021 10:37	0:10	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 10:38	0:01	KWP	0.00170	19.43736	Oversupply
1/28/2021 10:41	0:01	KWP	0.00019	20.22857	Oversupply
1/28/2021 10:46	0:01	KWP	0.00176	19.38461	Oversupply
1/28/2021 10:48	0:01	KWP	0.00176	19.91209	Oversupply
1/28/2021 10:49	0:08	5A	Data is not available	Data is not available	Oversupply
1/28/2021 10:49	0:08	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 10:53	0:01	KWP	0.00264	19.85934	Oversupply
1/28/2021 10:55	0:02	KWP	0.00527	19.54286	Oversupply
1/28/2021 10:58	0:20	5A	Data is not available	Data is not available	Oversupply
1/28/2021 10:58	0:20	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 11:02	0:01	KWP	0.00207	17.38022	Oversupply
1/28/2021 11:19	0:03	5A	Data is not available	Data is not available	Oversupply
1/28/2021 11:19	0:03	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 11:20	0:01	KWP	0.00264	17.96044	Oversupply
1/28/2021 11:23	0:01	5A	Data is not available	Data is not available	Oversupply
1/28/2021 11:23	0:01	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 11:25	0:09	5A	Data is not available	Data is not available	Oversupply
1/28/2021 11:25	0:09	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 11:27	0:02	KWP	0.00615	18.43517	Oversupply
1/28/2021 11:35	0:02	5A	Data is not available	Data is not available	Oversupply
1/28/2021 11:35	0:02	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 11:41	0:02	5A	Data is not available	Data is not available	Oversupply
1/28/2021 11:41	0:02	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 11:44	0:09	5A	Data is not available	Data is not available	Oversupply
1/28/2021 11:44	0:09	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 11:51	0:01	KWP	0.00264	17.11648	Oversupply
1/28/2021 11:53	0:02	KWP	0.00176	17.27472	Oversupply
1/28/2021 11:54	0:02	5A	Data is not available	Data is not available	Oversupply
1/28/2021 11:54	0:02	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 11:57	0:03	5A	Data is not available	Data is not available	Oversupply
1/28/2021 11:57	0:03	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 12:00	0:01	KWP	0.00086	15.42857	Oversupply
1/28/2021 12:01	0:02	5A	Data is not available	Data is not available	Oversupply
1/28/2021 12:01	0:02	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 12:02	0:01	KWP	0.00088	16.06154	Oversupply
1/28/2021 12:06	0:04	5A	Data is not available	Data is not available	Oversupply
1/28/2021 12:06	0:04	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 12:08	0:01	KWP	0.00088	16.80000	Oversupply
1/28/2021 12:10	0:01	KWP	0.00088	14.32088	Oversupply
1/28/2021 12:11	0:06	5A	Data is not available	Data is not available	Oversupply
1/28/2021 12:11	0:06	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 12:18	0:02	5A	Data is not available	Data is not available	Oversupply
1/28/2021 12:18	0:02	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 12:19	0:01	KWP	0.00088	15.48132	Oversupply
1/28/2021 12:21	0:04	5A	Data is not available	Data is not available	Oversupply
1/28/2021 12:21	0:04	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 12:24	0:01	KWP	0.00088	16.90549	Oversupply
1/28/2021 12:27	0:01	KWP	0.00088	17.74945	Oversupply
1/28/2021 12:28	0:06	5A	Data is not available	Data is not available	Oversupply
1/28/2021 12:28	0:06	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 12:29	0:01	KWP	0.00264	16.43077	Oversupply



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Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/28/2021 12:39	0:02	5A	Data is not available	Data is not available	Oversupply
1/28/2021 12:39	0:02	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 12:41	0:01	KWP	0.00088	17.96044	Oversupply
1/28/2021 12:43	0:01	KWP	0.00176	19.38461	Oversupply
1/28/2021 12:43	0:02	5A	Data is not available	Data is not available	Oversupply
1/28/2021 12:43	0:02	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 12:48	0:03	5A	Data is not available	Data is not available	Oversupply
1/28/2021 12:48	0:03	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 12:49	0:01	KWP	0.00176	23.23516	Oversupply
1/28/2021 12:52	0:12	5A	Data is not available	Data is not available	Oversupply
1/28/2021 12:52	0:12	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 12:59	0:02	KWP	0.00176	17.38022	Oversupply
1/28/2021 13:07	0:04	5A	Data is not available	Data is not available	Oversupply
1/28/2021 13:07	0:04	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 13:10	0:01	KWP	0.00176	16.27253	Oversupply
1/28/2021 13:12	0:06	5A	Data is not available	Data is not available	Oversupply
1/28/2021 13:12	0:06	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 13:15	0:01	KWP	0.00088	14.79560	Oversupply
1/28/2021 13:19	0:06	5A	Data is not available	Data is not available	Oversupply
1/28/2021 13:19	0:06	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 13:22	0:01	KWP	0.00176	12.21099	Oversupply
1/28/2021 13:28	0:02	5A	Data is not available	Data is not available	Oversupply
1/28/2021 13:28	0:02	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 13:31	0:01	5A	Data is not available	Data is not available	Oversupply
1/28/2021 13:31	0:01	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 13:34	0:09	5A	Data is not available	Data is not available	Oversupply
1/28/2021 13:34	0:09	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 13:39	0:01	KWP	0.00176	14.26813	Oversupply
1/28/2021 13:44	0:05	5A	Data is not available	Data is not available	Oversupply
1/28/2021 13:44	0:05	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 13:46	0:01	KWP	0.00088	15.16483	Oversupply
1/28/2021 13:49	0:01	KWP	0.00088	14.53187	Oversupply
1/28/2021 13:51	0:02	5A	Data is not available	Data is not available	Oversupply
1/28/2021 13:51	0:02	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 13:54	0:02	5A	Data is not available	Data is not available	Oversupply
1/28/2021 13:54	0:02	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 13:56	0:01	KWP	0.00176	16.80000	Oversupply
1/28/2021 13:57	0:02	5A	Data is not available	Data is not available	Oversupply
1/28/2021 13:57	0:02	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:00	0:02	5A	Data is not available	Data is not available	Oversupply
1/28/2021 14:00	0:02	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:01	0:01	KWP	0.00088	18.32967	Oversupply
1/28/2021 14:03	0:01	KWP	0.00088	16.32528	Oversupply
1/28/2021 14:03	0:04	5A	Data is not available	Data is not available	Oversupply
1/28/2021 14:03	0:04	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:07	0:02	KWP	0.00352	16.80000	Oversupply
1/28/2021 14:11	0:01	5A	Data is not available	Data is not available	Oversupply
1/28/2021 14:11	0:01	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:12	0:01	KWP	0.00088	17.11648	Oversupply
1/28/2021 14:14	0:03	5A	Data is not available	Data is not available	Oversupply
1/28/2021 14:14	0:03	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:15	0:01	KWP	0.00176	17.38022	Oversupply
1/28/2021 14:18	0:03	5A	Data is not available	Data is not available	Oversupply
1/28/2021 14:18	0:03	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:22	0:01	5A	Data is not available	Data is not available	Oversupply
1/28/2021 14:22	0:01	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:23	0:01	KWP	0.00264	17.53846	Oversupply
1/28/2021 14:25	0:01	KWP	0.00088	19.33187	Oversupply
1/28/2021 14:25	0:03	5A	Data is not available	Data is not available	Oversupply
1/28/2021 14:25	0:03	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:31	0:03	5A	Data is not available	Data is not available	Oversupply
1/28/2021 14:31	0:03	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:34	0:01	KWP	0.00264	17.80220	Oversupply
1/28/2021 14:35	0:01	5A	Data is not available	Data is not available	Oversupply
1/28/2021 14:35	0:01	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:37	0:02	5A	Data is not available	Data is not available	Oversupply
1/28/2021 14:37	0:02	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:41	0:04	5A	Data is not available	Data is not available	Oversupply
1/28/2021 14:41	0:04	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:46	0:01	5A	Data is not available	Data is not available	Oversupply
1/28/2021 14:46	0:01	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:48	0:01	KWP	0.00264	22.86593	Oversupply
1/28/2021 14:48	0:04	5A	Data is not available	Data is not available	Oversupply
1/28/2021 14:48	0:04	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:54	0:01	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

January 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/28/2021 14:54	0:01	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 14:56	0:01	5A	Data is not available	Data is not available	Oversupply
1/28/2021 14:56	0:01	KWP	0.00176	25.39780	Oversupply
1/28/2021 14:56	0:01	SAG	Data is not available	Data is not available	Oversupply
1/28/2021 16:05	0:01	SSA2	0.02228	0.00792	Oversupply
1/28/2021 16:06	0:01	SSA2	0.02228	-0.00011	Oversupply
1/28/2021 16:07	0:01	SSA2	0.02228	0.00114	Oversupply
1/28/2021 16:08	0:01	SSA2	0.02228	0.00240	Oversupply
1/28/2021 16:09	0:01	SSA2	0.02228	0.00119	Oversupply
1/28/2021 16:09	0:44	SSA3	0.93673	0.01100	Oversupply
1/28/2021 16:10	0:01	SSA2	0.02228	-0.00002	Oversupply
1/28/2021 16:10	0:44	KWP/II	6.24591	19.21064	Oversupply
1/28/2021 16:11	0:01	SSA2	0.02228	0.00286	Oversupply
1/28/2021 16:12	0:39	SSA2	1.15006	0.00573	Oversupply
1/28/2021 16:51	0:01	SSA2	0.02332	0.00745	Oversupply
1/28/2021 16:52	0:01	SSA2	0.02332	0.00469	Oversupply
1/28/2021 16:53	0:01	SSA2	0.02332	0.01676	Oversupply
1/28/2021 16:53	0:02	SSA3	0.03108	0.07900	Oversupply
1/28/2021 16:54	0:01	SSA2	0.02332	0.02883	Oversupply
1/28/2021 16:54	0:01	BS250	Data is not available	Data is not available	Oversupply
1/28/2021 16:55	0:01	SSA2	0.02332	0.08513	Oversupply
1/28/2021 16:55	0:02	SSA3	0.03108	0.21900	Oversupply
1/28/2021 16:56	0:01	SSA2	0.02332	0.14143	Oversupply
1/28/2021 16:57	0:01	SSA2	0.02332	0.11425	Oversupply
1/28/2021 16:57	0:02	SSA3	0.03082	0.09400	Oversupply
1/28/2021 16:58	0:01	SSA2	0.02332	0.08707	Oversupply
1/28/2021 16:59	0:01	SSA2	0.02332	0.36259	Oversupply
1/28/2021 16:59	0:02	SSA3	0.01274	0.69500	Oversupply
1/28/2021 17:00	0:01	SSA2	-0.00007	0.63812	Oversupply
1/28/2021 17:01	0:01	SSA2	-0.00007	0.89985	Oversupply
1/28/2021 17:01	0:02	SSA3	0.00441	0.72700	Oversupply
1/28/2021 17:02	0:01	SSA2	-0.00007	1.16157	Oversupply
1/28/2021 21:33	8:50	KWP/II	128.03892	19.21064	Oversupply
1/28/2021 22:09	0:01	AWE	0.00413	20.50000	Oversupply
1/29/2021 0:07	0:37	AWE	1.30219	21.00000	Oversupply
1/29/2021 0:50	2:21	AWE	7.50877	17.90000	Oversupply
1/29/2021 3:12	2:17	AWE	16.76079	21.00000	Oversupply
1/29/2021 5:31	0:02	AWE	0.00505	20.80000	Oversupply
1/29/2021 6:28	0:28	KWP/II	1.13802	17.71371	Oversupply
1/29/2021 6:57	0:04	KWP/II	0.03938	17.71371	Oversupply
1/29/2021 7:02	0:02	KWP/II	0.01325	17.71371	Oversupply
1/29/2021 8:31	7:32	17-2	1.91886	0.75000	Oversupply
1/29/2021 8:32	6:10	BS250	Data is not available	Data is not available	Oversupply
1/29/2021 8:32	6:09	SSA3	14.59089	0.02100	Oversupply
1/29/2021 8:33	6:05	SSA2	9.95336	-0.00125	Oversupply
1/29/2021 8:33	6:09	KWP/II	103.48010	17.71371	Oversupply
1/29/2021 9:15	0:02	AWE	0.00282	21.00000	Oversupply
1/29/2021 9:31	4:33	AWE	64.27729	20.90000	Oversupply
1/29/2021 10:44	0:01	5A	Data is not available	Data is not available	Oversupply
1/29/2021 10:44	0:01	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 10:48	0:01	5A	Data is not available	Data is not available	Oversupply
1/29/2021 10:48	0:01	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 11:17	0:01	5A	Data is not available	Data is not available	Oversupply
1/29/2021 11:17	0:01	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 11:19	0:02	5A	Data is not available	Data is not available	Oversupply
1/29/2021 11:19	0:02	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 11:21	0:01	KWP	0.00264	26.61099	Oversupply
1/29/2021 11:22	0:05	5A	Data is not available	Data is not available	Oversupply
1/29/2021 11:22	0:05	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 11:23	0:02	KWP	0.00527	25.23956	Oversupply
1/29/2021 11:29	0:01	5A	Data is not available	Data is not available	Oversupply
1/29/2021 11:29	0:01	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 11:29	0:02	KWP	0.00264	23.55165	Oversupply
1/29/2021 11:31	0:01	5A	Data is not available	Data is not available	Oversupply
1/29/2021 11:31	0:01	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 11:32	0:01	KWP	0.00088	21.91648	Oversupply
1/29/2021 11:34	0:01	5A	Data is not available	Data is not available	Oversupply
1/29/2021 11:34	0:01	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 11:37	0:04	5A	Data is not available	Data is not available	Oversupply
1/29/2021 11:37	0:04	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 11:42	0:04	5A	Data is not available	Data is not available	Oversupply
1/29/2021 11:42	0:04	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 11:47	0:02	5A	Data is not available	Data is not available	Oversupply
1/29/2021 11:47	0:02	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 11:50	0:02	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

January 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/29/2021 11:50	0:02	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 11:51	0:01	KWP	0.00088	26.18901	Oversupply
1/29/2021 12:21	0:07	5A	Data is not available	Data is not available	Oversupply
1/29/2021 12:21	0:07	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 12:23	0:01	KWP	0.00527	26.40000	Oversupply
1/29/2021 12:25	0:01	KWP	0.00264	23.65714	Oversupply
1/29/2021 12:30	0:03	5A	Data is not available	Data is not available	Oversupply
1/29/2021 12:30	0:03	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 12:35	0:01	KWP	0.00176	24.07912	Oversupply
1/29/2021 12:35	0:02	5A	Data is not available	Data is not available	Oversupply
1/29/2021 12:35	0:02	SAG	Data is not available	Data is not available	Oversupply
1/29/2021 14:05	0:05	AWE	0.07741	20.70000	Oversupply
1/29/2021 14:12	0:03	AWE	0.05211	20.70000	Oversupply
1/29/2021 14:16	0:03	AWE	0.02405	20.80000	Oversupply
1/29/2021 14:20	0:14	AWE	0.47205	20.70000	Oversupply
1/29/2021 14:38	0:01	SSA2	0.03011	-0.00196	Oversupply
1/29/2021 14:39	0:01	SSA2	0.03011	-0.00289	Oversupply
1/29/2021 14:40	0:01	SSA2	0.03011	-0.00001	Oversupply
1/29/2021 14:41	0:01	SSA2	0.03011	0.00288	Oversupply
1/29/2021 14:41	0:02	SSA3	0.08738	0.01400	Oversupply
1/29/2021 14:42	0:01	SSA2	0.03011	0.04121	Oversupply
1/29/2021 14:43	0:01	SSA2	0.03011	0.07955	Oversupply
1/29/2021 14:43	0:02	SSA3	0.08791	0.63700	Oversupply
1/29/2021 14:44	0:01	SSA2	0.03011	0.04328	Oversupply
1/29/2021 14:44	0:54	BS250	Data is not available	Data is not available	Oversupply
1/29/2021 14:44	0:56	KWP11	9.28575	19.21064	Oversupply
1/29/2021 14:45	0:50	SSA2	1.68633	0.00702	Oversupply
1/29/2021 14:45	0:52	SSA3	1.88204	-0.00100	Oversupply
1/29/2021 15:35	0:01	SSA2	0.03039	0.00903	Oversupply
1/29/2021 15:36	0:01	SSA2	0.03039	0.02195	Oversupply
1/29/2021 15:37	0:01	SSA2	0.03039	0.03488	Oversupply
1/29/2021 15:37	0:02	SSA3	0.05731	0.00600	Oversupply
1/29/2021 15:38	0:01	SSA2	0.03039	0.10526	Oversupply
1/29/2021 15:39	0:01	SSA2	0.03039	0.17565	Oversupply
1/29/2021 15:39	0:01	BS250	Data is not available	Data is not available	Oversupply
1/29/2021 15:39	0:02	SSA3	0.05731	0.11600	Oversupply
1/29/2021 15:40	0:01	SSA2	0.03039	0.39325	Oversupply
1/29/2021 15:41	0:01	SSA2	0.03039	0.61084	Oversupply
1/29/2021 15:41	0:02	SSA3	0.05731	0.37300	Oversupply
1/29/2021 15:42	0:01	SSA2	0.03039	0.63862	Oversupply
1/29/2021 15:43	0:01	SSA2	0.03039	0.66639	Oversupply
1/29/2021 15:43	0:02	SSA3	0.04065	0.39100	Oversupply
1/29/2021 15:44	0:01	SSA2	0.03039	0.52701	Oversupply
1/29/2021 15:45	0:01	SSA2	0.00270	0.38764	Oversupply
1/29/2021 15:59	0:02	SSA3	0.02088	1.85000	Oversupply
1/29/2021 22:23	0:09	KWP11	0.39491	19.21064	Oversupply
1/29/2021 22:53	0:12	KWP11	1.21179	19.21064	Oversupply
1/29/2021 23:12	6:45	KWP11	100.72980	17.71371	Oversupply
1/30/2021 0:58	0:24	AWE	1.02355	19.80000	Oversupply
1/30/2021 1:24	0:01	AWE	0.00228	13.50000	Oversupply
1/30/2021 1:28	0:14	AWE	0.26038	16.20000	Oversupply
1/30/2021 1:52	3:15	AWE	23.30828	20.60000	Oversupply
1/30/2021 5:10	0:39	AWE	1.81734	20.30000	Oversupply
1/30/2021 5:59	1:22	BS250	Data is not available	Data is not available	Oversupply
1/30/2021 5:59	1:23	KWP11	9.59709	17.71371	Oversupply
1/30/2021 7:25	8:59	BS250	Data is not available	Data is not available	Oversupply
1/30/2021 7:25	8:59	SSA3	18.45017	0.04100	Oversupply
1/30/2021 7:26	8:58	KWP11	137.46513	19.21064	Oversupply
1/30/2021 7:27	8:54	SSA2	14.81980	0.00407	Oversupply
1/30/2021 7:38	8:50	17-2	2.36509	0.75000	Oversupply
1/30/2021 9:20	0:01	AWE	0.00605	15.50000	Oversupply
1/30/2021 9:22	5:40	AWE	65.91654	17.60000	Oversupply
1/30/2021 10:25	0:07	5A	Data is not available	Data is not available	Oversupply
1/30/2021 10:25	0:07	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 10:28	0:01	KWP	0.00352	27.56044	Oversupply
1/30/2021 10:35	0:03	5A	Data is not available	Data is not available	Oversupply
1/30/2021 10:35	0:03	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 10:41	0:02	5A	Data is not available	Data is not available	Oversupply
1/30/2021 10:41	0:02	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 10:44	0:02	5A	Data is not available	Data is not available	Oversupply
1/30/2021 10:44	0:02	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 10:47	0:01	5A	Data is not available	Data is not available	Oversupply
1/30/2021 10:47	0:01	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 10:48	0:01	KWP	0.00088	24.65934	Oversupply
1/30/2021 10:49	0:01	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

January 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/30/2021 10:49	0:01	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 10:51	0:06	5A	Data is not available	Data is not available	Oversupply
1/30/2021 10:51	0:06	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 10:55	0:01	KWP	0.00088	22.49670	Oversupply
1/30/2021 10:58	0:01	KWP	0.00189	20.59780	Oversupply
1/30/2021 10:59	0:08	5A	Data is not available	Data is not available	Oversupply
1/30/2021 10:59	0:08	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 11:06	0:01	KWP	0.00176	19.64835	Oversupply
1/30/2021 11:08	0:01	5A	Data is not available	Data is not available	Oversupply
1/30/2021 11:08	0:01	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 11:10	0:06	5A	Data is not available	Data is not available	Oversupply
1/30/2021 11:10	0:06	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 11:14	0:02	KWP	0.00329	21.23077	Oversupply
1/30/2021 11:17	0:13	5A	Data is not available	Data is not available	Oversupply
1/30/2021 11:17	0:13	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 11:23	0:01	KWP	0.00264	19.75385	Oversupply
1/30/2021 11:25	0:01	KWP	0.00176	18.01319	Oversupply
1/30/2021 11:27	0:01	KWP	0.00142	17.96044	Oversupply
1/30/2021 11:31	0:04	5A	Data is not available	Data is not available	Oversupply
1/30/2021 11:31	0:04	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 11:33	0:01	KWP	0.00352	17.22198	Oversupply
1/30/2021 11:36	0:03	5A	Data is not available	Data is not available	Oversupply
1/30/2021 11:36	0:03	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 11:39	0:01	KWP	0.00088	15.21758	Oversupply
1/30/2021 11:40	0:02	5A	Data is not available	Data is not available	Oversupply
1/30/2021 11:40	0:02	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 11:44	0:04	5A	Data is not available	Data is not available	Oversupply
1/30/2021 11:44	0:04	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 11:49	0:01	5A	Data is not available	Data is not available	Oversupply
1/30/2021 11:49	0:01	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 11:51	0:01	5A	Data is not available	Data is not available	Oversupply
1/30/2021 11:51	0:01	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 11:53	0:02	5A	Data is not available	Data is not available	Oversupply
1/30/2021 11:53	0:02	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 11:55	0:01	KWP	0.00088	16.69451	Oversupply
1/30/2021 11:56	0:09	5A	Data is not available	Data is not available	Oversupply
1/30/2021 11:56	0:09	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 12:03	0:01	KWP	0.00176	14.74286	Oversupply
1/30/2021 12:06	0:07	5A	Data is not available	Data is not available	Oversupply
1/30/2021 12:06	0:07	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 12:14	0:03	5A	Data is not available	Data is not available	Oversupply
1/30/2021 12:14	0:03	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 12:16	0:01	KWP	0.00264	16.27253	Oversupply
1/30/2021 12:19	0:03	5A	Data is not available	Data is not available	Oversupply
1/30/2021 12:19	0:03	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 12:24	0:01	5A	Data is not available	Data is not available	Oversupply
1/30/2021 12:24	0:01	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 12:29	0:01	5A	Data is not available	Data is not available	Oversupply
1/30/2021 12:29	0:01	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 12:31	0:01	5A	Data is not available	Data is not available	Oversupply
1/30/2021 12:31	0:01	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 12:33	0:04	5A	Data is not available	Data is not available	Oversupply
1/30/2021 12:33	0:04	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 12:35	0:01	KWP	0.00088	12.31648	Oversupply
1/30/2021 12:38	0:11	5A	Data is not available	Data is not available	Oversupply
1/30/2021 12:38	0:11	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 12:50	0:04	5A	Data is not available	Data is not available	Oversupply
1/30/2021 12:50	0:04	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 12:51	0:01	KWP	0.00176	13.79341	Oversupply
1/30/2021 12:53	0:01	KWP	0.00088	13.37143	Oversupply
1/30/2021 12:55	0:01	5A	Data is not available	Data is not available	Oversupply
1/30/2021 12:55	0:01	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 12:57	0:02	5A	Data is not available	Data is not available	Oversupply
1/30/2021 12:57	0:02	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 12:58	0:04	KWP	0.00352	14.90110	Oversupply
1/30/2021 13:00	0:03	5A	Data is not available	Data is not available	Oversupply
1/30/2021 13:00	0:03	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 13:05	0:01	5A	Data is not available	Data is not available	Oversupply
1/30/2021 13:05	0:01	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 13:08	0:02	5A	Data is not available	Data is not available	Oversupply
1/30/2021 13:08	0:02	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 13:11	0:01	5A	Data is not available	Data is not available	Oversupply
1/30/2021 13:11	0:01	KWP	0.00025	15.90330	Oversupply
1/30/2021 13:11	0:01	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 13:18	0:02	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

January 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/30/2021 13:18	0:02	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 13:19	0:01	KWP	0.00176	15.48132	Oversupply
1/30/2021 13:21	0:01	5A	Data is not available	Data is not available	Oversupply
1/30/2021 13:21	0:01	SAG	Data is not available	Data is not available	Oversupply
1/30/2021 15:04	0:12	AWE	0.30496	17.50000	Oversupply
1/30/2021 16:21	0:01	SSA2	0.02591	0.00292	Oversupply
1/30/2021 16:22	0:01	SSA2	0.02591	0.00230	Oversupply
1/30/2021 16:23	0:01	SSA2	0.02591	0.03769	Oversupply
1/30/2021 16:24	0:01	SSA2	0.02591	0.07308	Oversupply
1/30/2021 16:24	0:02	SSA3	0.03610	0.19600	Oversupply
1/30/2021 16:25	0:01	SSA2	0.02591	0.32847	Oversupply
1/30/2021 21:37	1:44	KWP	19.35118	19.21064	Oversupply
1/30/2021 23:50	15:34	KWP	233.92281	19.21064	Oversupply
1/31/2021 1:17	0:03	AWE	0.02696	14.40000	Oversupply
1/31/2021 1:21	0:04	AWE	0.03804	13.80000	Oversupply
1/31/2021 1:26	0:01	AWE	0.00483	12.60000	Oversupply
1/31/2021 1:29	3:36	AWE	19.53170	17.50000	Oversupply
1/31/2021 5:06	0:11	AWE	0.10956	15.30000	Oversupply
1/31/2021 5:18	0:23	AWE	0.48696	17.60000	Oversupply
1/31/2021 5:42	0:03	AWE	0.03149	17.70000	Oversupply
1/31/2021 5:48	0:03	AWE	0.00861	17.30000	Oversupply
1/31/2021 7:00	8:24	SSA3	17.19852	0.00100	Oversupply
1/31/2021 7:02	8:11	BS250	Data is not available	Data is not available	Oversupply
1/31/2021 7:06	8:15	SSA2	14.85273	-0.00281	Oversupply
1/31/2021 7:33	7:52	17-2	3.63268	0.75000	Oversupply
1/31/2021 8:36	0:01	AWE	0.00839	17.10000	Oversupply
1/31/2021 8:40	0:05	AWE	0.04489	16.90000	Oversupply
1/31/2021 8:46	0:01	AWE	0.00135	16.40000	Oversupply
1/31/2021 8:48	6:27	AWE	66.47068	17.40000	Oversupply
1/31/2021 10:34	0:02	5A	Data is not available	Data is not available	Oversupply
1/31/2021 10:34	0:02	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 10:38	0:01	5A	Data is not available	Data is not available	Oversupply
1/31/2021 10:38	0:01	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 10:40	0:01	KWP	0.00088	16.64176	Oversupply
1/31/2021 10:44	0:01	5A	Data is not available	Data is not available	Oversupply
1/31/2021 10:44	0:01	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 10:47	0:02	5A	Data is not available	Data is not available	Oversupply
1/31/2021 10:47	0:02	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 10:54	0:02	5A	Data is not available	Data is not available	Oversupply
1/31/2021 10:54	0:02	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 10:58	0:01	5A	Data is not available	Data is not available	Oversupply
1/31/2021 10:58	0:01	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 11:15	0:01	5A	Data is not available	Data is not available	Oversupply
1/31/2021 11:15	0:01	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 11:17	0:01	KWP	0.00088	12.89670	Oversupply
1/31/2021 11:17	0:05	5A	Data is not available	Data is not available	Oversupply
1/31/2021 11:17	0:05	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 11:19	0:01	KWP	0.00020	11.68352	Oversupply
1/31/2021 11:23	0:03	5A	Data is not available	Data is not available	Oversupply
1/31/2021 11:23	0:03	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 11:26	0:01	KWP	0.00176	13.26593	Oversupply
1/31/2021 11:30	0:05	5A	Data is not available	Data is not available	Oversupply
1/31/2021 11:30	0:05	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 11:37	0:05	5A	Data is not available	Data is not available	Oversupply
1/31/2021 11:37	0:05	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 11:43	0:04	5A	Data is not available	Data is not available	Oversupply
1/31/2021 11:43	0:04	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 11:47	0:01	KWP	0.00176	9.25714	Oversupply
1/31/2021 11:48	0:04	5A	Data is not available	Data is not available	Oversupply
1/31/2021 11:48	0:04	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 11:50	0:02	KWP	0.00176	9.52088	Oversupply
1/31/2021 11:53	0:04	5A	Data is not available	Data is not available	Oversupply
1/31/2021 11:53	0:04	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 11:58	0:01	5A	Data is not available	Data is not available	Oversupply
1/31/2021 11:58	0:01	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 12:05	0:01	5A	Data is not available	Data is not available	Oversupply
1/31/2021 12:05	0:01	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 12:08	0:01	KWP	0.00176	9.25714	Oversupply
1/31/2021 12:08	0:02	5A	Data is not available	Data is not available	Oversupply
1/31/2021 12:08	0:02	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 12:20	0:01	5A	Data is not available	Data is not available	Oversupply
1/31/2021 12:20	0:01	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 12:22	0:01	5A	Data is not available	Data is not available	Oversupply
1/31/2021 12:22	0:01	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 12:26	0:06	5A	Data is not available	Data is not available	Oversupply



Maui Curtailment Report

January 2021

Start Date and Time	Duration (minutes)	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
1/31/2021 12:26	0:06	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 12:27	0:01	KWP	0.00176	11.78901	Oversupply
1/31/2021 12:33	0:02	5A	Data is not available	Data is not available	Oversupply
1/31/2021 12:33	0:02	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 12:34	0:01	KWP	0.00088	9.89011	Oversupply
1/31/2021 12:38	0:01	5A	Data is not available	Data is not available	Oversupply
1/31/2021 12:38	0:01	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 12:39	0:01	KWP	0.00176	9.67912	Oversupply
1/31/2021 12:40	0:01	5A	Data is not available	Data is not available	Oversupply
1/31/2021 12:40	0:01	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 12:41	0:01	KWP	0.00264	9.83736	Oversupply
1/31/2021 12:42	0:12	5A	Data is not available	Data is not available	Oversupply
1/31/2021 12:42	0:12	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 12:51	0:01	KWP	0.00123	9.62637	Oversupply
1/31/2021 12:55	0:01	5A	Data is not available	Data is not available	Oversupply
1/31/2021 12:55	0:01	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 12:59	0:03	5A	Data is not available	Data is not available	Oversupply
1/31/2021 12:59	0:03	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 13:04	0:01	5A	Data is not available	Data is not available	Oversupply
1/31/2021 13:04	0:01	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 13:06	0:03	5A	Data is not available	Data is not available	Oversupply
1/31/2021 13:06	0:03	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 13:09	0:01	KWP	0.00176	10.52308	Oversupply
1/31/2021 13:13	0:05	5A	Data is not available	Data is not available	Oversupply
1/31/2021 13:13	0:05	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 13:14	0:01	KWP	0.00140	10.89231	Oversupply
1/31/2021 13:19	0:06	5A	Data is not available	Data is not available	Oversupply
1/31/2021 13:19	0:06	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 13:23	0:01	KWP	0.00264	10.15385	Oversupply
1/31/2021 13:26	0:04	5A	Data is not available	Data is not available	Oversupply
1/31/2021 13:26	0:04	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 13:27	0:01	KWP	0.00352	10.57582	Oversupply
1/31/2021 13:30	0:01	KWP	0.00264	9.04615	Oversupply
1/31/2021 13:34	0:04	5A	Data is not available	Data is not available	Oversupply
1/31/2021 13:34	0:04	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 13:37	0:01	KWP	0.00088	10.41758	Oversupply
1/31/2021 13:39	0:02	5A	Data is not available	Data is not available	Oversupply
1/31/2021 13:39	0:02	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 13:42	0:06	5A	Data is not available	Data is not available	Oversupply
1/31/2021 13:42	0:06	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 13:45	0:01	KWP	0.00088	11.05055	Oversupply
1/31/2021 13:49	0:01	KWP	0.00086	10.52308	Oversupply
1/31/2021 13:49	0:03	5A	Data is not available	Data is not available	Oversupply
1/31/2021 13:49	0:03	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 13:52	0:01	KWP	0.00088	11.10330	Oversupply
1/31/2021 13:53	0:04	5A	Data is not available	Data is not available	Oversupply
1/31/2021 13:53	0:04	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 14:01	0:01	5A	Data is not available	Data is not available	Oversupply
1/31/2021 14:01	0:01	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 14:03	0:04	5A	Data is not available	Data is not available	Oversupply
1/31/2021 14:03	0:04	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 14:04	0:01	KWP	0.00176	12.58022	Oversupply
1/31/2021 14:06	0:01	KWP	0.00088	12.68571	Oversupply
1/31/2021 14:09	0:02	5A	Data is not available	Data is not available	Oversupply
1/31/2021 14:09	0:02	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 14:40	0:01	5A	Data is not available	Data is not available	Oversupply
1/31/2021 14:40	0:01	SAG	Data is not available	Data is not available	Oversupply
1/31/2021 15:21	0:01	SSA2	0.01564	-0.00017	Oversupply
1/31/2021 15:22	0:01	SSA2	0.01564	-0.00072	Oversupply
1/31/2021 15:26	0:01	SSA2	0.01564	0.17500	Oversupply
1/31/2021 15:26	0:02	SSA3	0.07822	1.92000	Oversupply
1/31/2021 15:27	0:01	SSA2	0.01564	0.10700	Oversupply
1/31/2021 15:27	0:09	BS250	Data is not available	Data is not available	Oversupply
1/31/2021 15:27	0:23	17-2	0.20796	0.75000	Oversupply
1/31/2021 15:28	0:01	SSA2	0.01564	0.03900	Oversupply
1/31/2021 15:28	0:08	KWP11	0.40063	14.12805	Oversupply
1/31/2021 15:28	0:08	SSA3	0.23030	0.02600	Oversupply
1/31/2021 15:29	0:01	SSA2	0.01564	0.01867	Oversupply
1/31/2021 15:30	0:03	SSA2	0.04644	-0.00167	Oversupply
1/31/2021 15:33	0:01	SSA2	0.01548	-0.00261	Oversupply
1/31/2021 15:34	0:01	SSA2	0.01548	-0.00222	Oversupply
1/31/2021 15:35	0:01	SSA2	0.01548	0.05405	Oversupply
1/31/2021 15:36	0:01	SSA2	0.01548	0.11032	Oversupply
1/31/2021 15:36	0:02	SSA3	0.04949	0.65300	Oversupply
1/31/2021 15:37	0:01	SSA2	0.01548	0.06801	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
1/31/2021 15:38	0:01	SSA2	0.01548	0.02569	Oversupply
1/31/2021 15:38	0:11	BS250	Data is not available	Data is not available	Oversupply
1/31/2021 15:38	0:11	KWPll	0.31626	15.98525	Oversupply
1/31/2021 15:38	0:10	SSA3	0.20389	0.00700	Oversupply
1/31/2021 15:39	0:01	SSA2	0.01548	0.01154	Oversupply
1/31/2021 15:40	0:05	SSA2	0.07741	-0.00261	Oversupply
1/31/2021 15:45	0:02	SSA2	0.03445	-0.00149	Oversupply
1/31/2021 15:47	0:01	SSA2	0.01722	-0.00267	Oversupply
1/31/2021 15:48	0:01	SSA2	0.01722	-0.00299	Oversupply
1/31/2021 15:48	0:02	SSA3	0.02006	0.00700	Oversupply
1/31/2021 15:56	0:09	17-2	0.03641	0.64100	Oversupply
1/31/2021 15:56	0:02	SSA3	0.02006	0.34400	Oversupply
1/31/2021 15:57	0:01	SSA2	0.01722	0.47100	Oversupply
1/31/2021 15:58	0:01	SSA2	0.01722	0.30653	Oversupply
1/31/2021 15:58	0:02	SSA3	0.00955	0.87200	Oversupply
1/31/2021 15:59	0:01	SSA2	0.01722	0.14207	Oversupply
1/31/2021 16:00	0:01	SSA2	0.00815	0.31950	Oversupply
1/31/2021 16:00	0:02	SSA3	0.02253	0.54500	Oversupply
1/31/2021 16:06	0:01	17-2	0.00398	0.61900	Oversupply
1/31/2021 16:10	0:02	SSA3	0.02253	1.06900	Oversupply
1/31/2021 16:11	0:01	SSA2	0.00815	0.07086	Oversupply
1/31/2021 16:11	0:39	17-2	0.31937	0.61400	Oversupply
1/31/2021 16:12	0:01	SSA2	0.00815	0.09418	Oversupply
1/31/2021 16:12	0:01	BS250	Data is not available	Data is not available	Oversupply
1/31/2021 16:12	0:02	SSA3	0.02253	0.20300	Oversupply
1/31/2021 16:13	0:01	SSA2	0.00815	0.11751	Oversupply
1/31/2021 16:14	0:01	SSA2	0.00815	0.07018	Oversupply
1/31/2021 16:14	0:22	SSA3	0.54576	0.11400	Oversupply
1/31/2021 16:15	0:23	SSA2	0.63524	0.02285	Oversupply
1/31/2021 16:15	0:24	BS250	Data is not available	Data is not available	Oversupply
1/31/2021 16:15	0:27	KWPll	1.18031	19.08490	Oversupply
1/31/2021 16:37	0:02	SSA3	0.03965	-0.00300	Oversupply
1/31/2021 16:38	0:01	SSA2	0.02991	0.03301	Oversupply
1/31/2021 16:39	0:01	SSA2	0.02991	0.05670	Oversupply
1/31/2021 16:39	0:02	SSA3	0.03965	0.00000	Oversupply
1/31/2021 16:40	0:01	SSA2	0.02991	0.13075	Oversupply
1/31/2021 16:41	0:01	SSA2	0.02991	0.20479	Oversupply
1/31/2021 16:41	0:02	SSA3	0.03965	0.37800	Oversupply
1/31/2021 16:42	0:01	SSA2	0.02991	0.19889	Oversupply
1/31/2021 16:43	0:01	SSA2	0.02991	0.19298	Oversupply
1/31/2021 16:43	0:02	SSA3	0.03702	0.09900	Oversupply
1/31/2021 16:44	0:01	SSA2	0.02991	0.46048	Oversupply
1/31/2021 16:45	0:01	SSA2	0.00123	0.72798	Oversupply
1/31/2021 16:45	0:02	SSA3	0.00423	0.07700	Oversupply
1/31/2021 16:46	0:01	SSA2	0.00123	0.63053	Oversupply
1/31/2021 16:47	0:01	SSA2	0.00123	0.53309	Oversupply
1/31/2021 16:47	0:02	SSA3	0.00423	0.27700	Oversupply
1/31/2021 22:27	0:16	KWPll	1.22274	19.13879	Oversupply
1/31/2021 22:44	0:19	KWPll	1.05505	19.14877	Oversupply
1/31/2021 23:08	0:22	KWPll	1.29961	19.20266	Oversupply
1/31/2021 23:36	0:19	KWPll	1.12053	19.16473	Oversupply
1/31/2021 23:56	0:04	KWPll	0.06264	18.42425	Oversupply
Total Estimated Curtailed MWH			5,796.131		

Notes:

- Curtailment for Kaheawa Wind Power ("KWP"), AAAAA Rent-A-Space Maui LTD ("5A"), Strategic Alliance Group ("SAG") fka Bioreal Solar, LLC ("BS"), Auwahi Wind Energy ("AWE"), Kaheawa Wind Power II ("KWPII") Bioreal Solar 250, LLC ("BS250"), Extra Spaces A ("ESA"), Extra Spaces B ("ESB"), SSA Solar of Hawaii 3 ("SSA3") fka South Maui Renewable Resources ("SMRR"), SSA Solar of HI 2 ("SSA2") fka Ku'ia Solar ("KS"), and Maui 17-2 ("17-2") may now be controlled by Maui Electric's Automatic Generation Control System ("AGC") or a Maui Electric operator-entered curtailment limit. The AGC curtailment control automatically calculates the amount of Maximum Allowable Variable Generation ("MAVG") that Maui Electric can accept into the Maui system, based on the system current available variable generation ("CAVG"), regulating reserve down requirement ("RRDR"), and available regulating reserve down ("ARRD"). Thus, the AGC MAVG - calculated is equal to CAVG less (RRDR less ARRD). Additionally, the AGC curtailment control allows the Maui Electric operator to enter an AGC MAVG value. The AGC curtailment control will employ the lesser of the AGC MAVG - calculated and AGC MAVG - entered values in the control logic.
- Curtailment signals sent to 5A, SAG (fka BS), BS250, ESA, ESB, SSA3 (fka SMRR), SSA2 (fka KS) and 17-2 during nighttime hours only are not recorded as curtailment events because no energy generation is possible during that time.
- 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.
- The data to calculate the Estimated Curtailed MWH and Peak MW Curtailed is not provided by 5A, SAG, BS 250, ESA, and ESB
- The ESA, and ESB facilities were offline for the entire month of January 2021. No curtailment events recorded. SSA 2 (fka KS) was offline the January 1, 2021 - January 4, 2021 and all events were due to a system constraint.
- The Estimated Curtailed MWH and Peak MW Curtailed are calculated with information estimated or provided by AWE, KWP, KWPII, SSA 2 (fka KS), SSA 3 (fka SMRR) and 17-2. Maui Electric does not make any representation as to its accuracy.



Lanai Curtailment Report

January 2021

Start Date and Time	Duration (h:mm)	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtailment
1/1/2021 7:50	0:32	LSR	Data is not available	Data is not available	Oversupply
1/1/2021 8:26	5:55	LSR	Data is not available	Data is not available	Oversupply
1/13/2021 8:16	0:03	LSR	Data is not available	Data is not available	Oversupply
1/13/2021 11:02	0:15	LSR	Data is not available	Data is not available	Oversupply
1/13/2021 11:18	0:13	LSR	Data is not available	Data is not available	Oversupply
1/13/2021 11:33	0:34	LSR	Data is not available	Data is not available	Oversupply
1/13/2021 12:08	0:01	LSR	Data is not available	Data is not available	Oversupply
1/13/2021 12:10	0:11	LSR	Data is not available	Data is not available	Oversupply
1/13/2021 12:23	0:40	LSR	Data is not available	Data is not available	Oversupply
1/13/2021 13:05	0:29	LSR	Data is not available	Data is not available	Oversupply
1/13/2021 13:40	0:17	LSR	Data is not available	Data is not available	Oversupply
1/13/2021 14:00	1:10	LSR	Data is not available	Data is not available	Oversupply
1/13/2021 15:26	0:02	LSR	Data is not available	Data is not available	Oversupply
1/13/2021 15:39	0:06	LSR	Data is not available	Data is not available	Oversupply
1/16/2021 14:02	0:01	LSR	Data is not available	Data is not available	Oversupply
1/16/2021 14:07	1:39	LSR	Data is not available	Data is not available	Oversupply
1/20/2021 12:09	1:00	LSR	Data is not available	Data is not available	Oversupply
1/20/2021 13:14	1:15	LSR	Data is not available	Data is not available	Oversupply
1/20/2021 14:33	0:16	LSR	Data is not available	Data is not available	Oversupply
1/21/2021 11:46	0:01	LSR	Data is not available	Data is not available	Oversupply
1/21/2021 12:06	0:26	LSR	Data is not available	Data is not available	Oversupply
1/21/2021 12:42	0:53	LSR	Data is not available	Data is not available	Oversupply
1/21/2021 13:36	0:59	LSR	Data is not available	Data is not available	Oversupply
1/21/2021 14:46	0:05	LSR	Data is not available	Data is not available	Oversupply
1/21/2021 14:55	0:07	LSR	Data is not available	Data is not available	Oversupply
1/21/2021 15:03	0:17	LSR	Data is not available	Data is not available	Oversupply
1/21/2021 15:38	0:01	LSR	Data is not available	Data is not available	Oversupply
1/21/2021 16:31	0:05	LSR	Data is not available	Data is not available	Oversupply
1/21/2021 16:39	0:01	LSR	Data is not available	Data is not available	Oversupply
1/21/2021 16:43	0:02	LSR	Data is not available	Data is not available	Oversupply
1/21/2021 16:46	0:17	LSR	Data is not available	Data is not available	Oversupply

Notes:
On June 27, 2012, Maui Electric notified 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.

Hawai'i Electric Light Company Curtailment Report January 2021

Start Date/Time	MW output prior to start of curtailment	End Date/Time	MW output after curtailment released ¹	IPP	Reason for Curtailment
01/01/21 08:38	19.8 MW	01/01/21 15:36	17.0 MW	Pakini Nui Windfarm	Facility requested
01/02/21 08:16	19.9 MW	01/02/21 13:30	17.0 MW	Pakini Nui Windfarm	Facility requested
01/06/21 03:52	1.8 MW	01/06/21 07:19	0.0 MW	Hawi Renew Dev	System Constraint
01/08/21 09:40	0.0 MW	01/08/21 16:26	0.1 MW	Hawi Renew Dev	Facility requested
01/15/21 08:41	4.4 MW	01/15/21 09:26	0.0 MW	Pakini Nui Windfarm	Facility requested
01/18/21 11:54	0.0 MW	01/18/21 11:55	0.0 MW	TGUHI	System Constraint
01/21/21 03:06	18.7 MW	01/21/21 03:29	13.6 MW	Pakini Nui Windfarm	System Constraint
01/21/21 05:16	17.9 MW	01/21/21 05:39	13.5 MW	Pakini Nui Windfarm	System Constraint
01/22/21 11:25	17.9 MW	01/23/21 06:48	15.6 MW	Pakini Nui Windfarm	Facility requested
01/24/21 11:45	19.0 MW	01/24/21 16:11	18.4 MW	Pakini Nui Windfarm	Facility requested
01/24/21 13:39	1.2 MW	01/24/21 16:11	0.2 MW	TGUHI	Oversupply
01/27/21 11:09	19.1 MW	01/27/21 14:19	19.1 MW	Pakini Nui Windfarm	Facility requested
01/28/21 08:40	19.1 MW	01/28/21 17:10	18.7 MW	Pakini Nui Windfarm	Facility requested
01/31/21 13:13	1.1 MW	01/31/21 13:20	0.2 MW	TGUHI	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.

SERVICE LIST
(Docket No. 2011-0206)

DEAN NISHINA
EXECUTIVE DIRECTOR
DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS
DIVISION OF CONSUMER ADVOCACY
P.O. Box 541
Honolulu, HI 96809

1 Copy
Electronically Transmitted

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

1 Copy
Electronically Transmitted

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

1 Copy
Electronically Transmitted

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

1 Copy
Electronically Transmitted

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

1 Copy
Electronically Transmitted

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

1 Copy
Electronically Transmitted

SERVICE LIST
(Docket No. 2011-0206)

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

1 Copy
Electronically Transmitted

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

1 Copy
Electronically Transmitted

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

1 Copy
Electronically Transmitted

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

1 Copy
Electronically Transmitted

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

1 Copy
Electronically Transmitted

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

1 Copy
Electronically Transmitted

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

1 Copy
Electronically Transmitted

SERVICE LIST
(Docket No. 2011-0206)

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

SERVICE LIST
(Docket No. 2011-0206)

ALISON SILVERSTEIN
19213 Luedtke Lane
Pflugerville, TX 78660

1 Copy
Electronically Transmitted

BRENDAN KIRBY
12011 SW Pineapple Court
Palm City, FL 34990

1 Copy
Electronically Transmitted

Chun, Marisa

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