

November 20, 2018

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2018 NOV 20 P 3: 43

PUBLIC UTILITIES COMMISSION

The Honorable Chair and Members of the Hawai'i Public Utilities Commission Kekuanaoa Building, 1st Floor 465 South King Street Honolulu, Hawai'i 96813

Dear Commissioners:

Subject: Docket No. 2011-0206

Reliability Standards Working Group

Monthly Report

Pursuant to Ordering Paragraph 3 of the Commission's Order No. 30371, filed on May 4, 2012, in the above subject proceeding, enclosed as Exhibit A is the Hawaiian Electric Companies' monthly report for October 2018 on (1) system frequency control performance during month; (2) significant system events during month; and (3) curtailment of non-dispatchable renewable resources.

In addition, an electronic copy of each report is also included with this filing. These files are voluminous, and therefore, the Companies are providing a compact disc ("CD") containing the electronic files to both the Commission and the Consumer Advocate. Copies of the CD will be available to any Party to this proceeding. Interested Parties should email Marisa Chun at marisa.chun@hawaiianelectric.com to request a copy.

If you have any questions on this matter, please contact Marisa Chun at (808) 543-4723.

Sincerely,

Kevin M. Katsura

Director

Regulatory Non-Rate Proceedings

LA. VII

Enclosure

c: Service List

¹ Hawaiian Electric Company, Inc., Hawai'i Electric Light Company, Inc., and Maui Electric Company, Limited are collectively referred to as the "Hawaiian Electric Companies" or "Companies".

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 October 31, 2018):

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, Maui Electric (Maui Division) and Hawai'i Electric Light 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, Maui Electric (Maui Division) and Hawai'i Electric Light 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 October 31, 2018):

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

Hawaiian Electric did not have any contingency reserve activations for the month of October. Maui Electric and Hawai'i Electric Light 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's under frequency load shed activations are provided in Attachment 4. Hawaiian Electric and Hawai'i Electric Light did not have any under frequency load shed activations for the month of October.

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's demand response activations for system events are provided in Attachment 5. Hawai'i Electric Light currently does not have a demand response program. Maui Electric has implemented the Fast Demand Response pilot program on a limited basis. Hawai'i Electric Light plans to use the findings of Maui Electric's pilot program to help in the evaluation and development of future demand response programs. Maui Electric executes a weekly testing protocol which measures customer participation. This program is not currently used in response to actual system events.

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

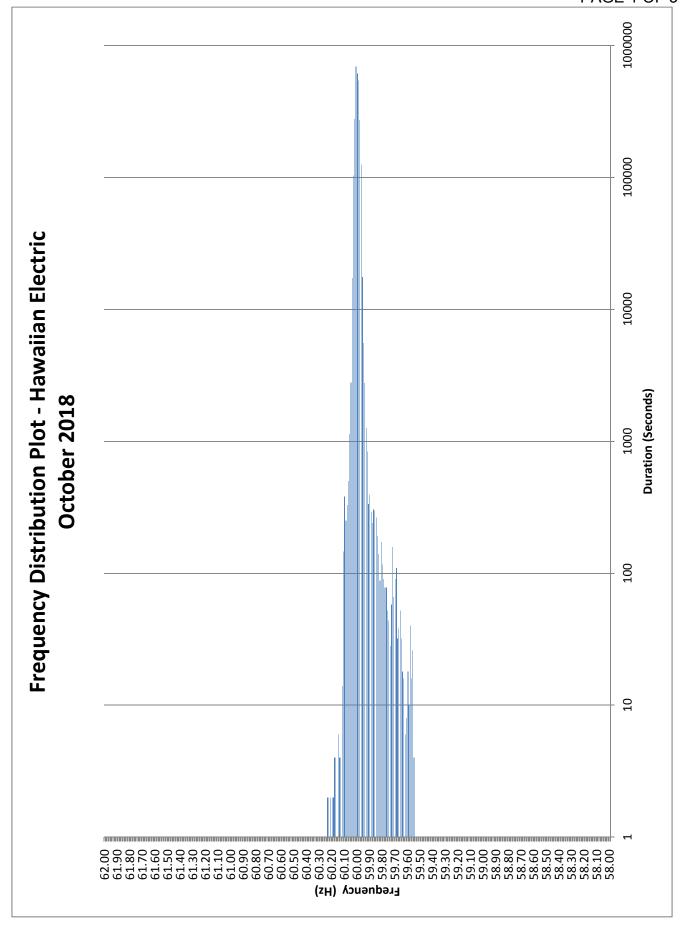
The following provides information with respect to items 3a) through 3b) – (all statements are current as of the month ending October 31, 2018):

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:

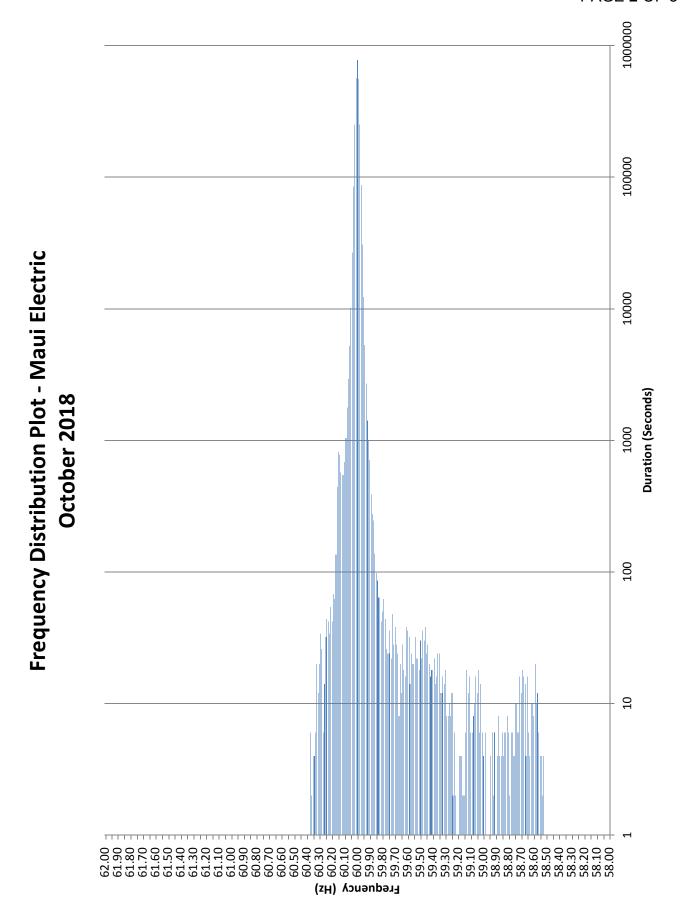
The tabulation of each curtailment event for each resource is provided in Attachment 6.

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

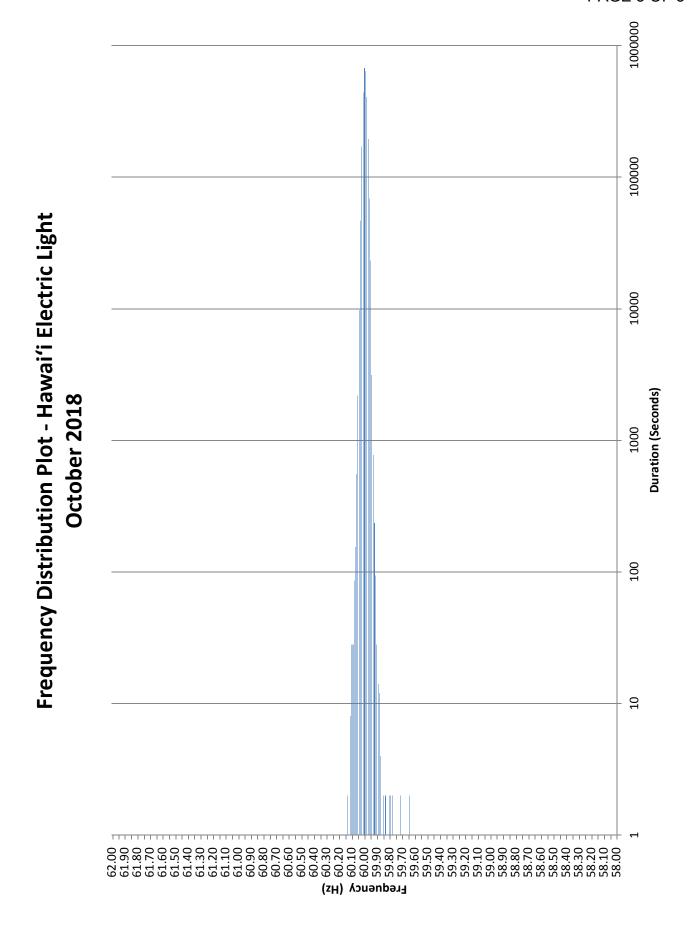
Curtailed MWH from non-dispatchable resources are difficult to determine due to the variability of the resource during curtailment periods. In some cases, the curtailed MWH estimates were provided by the IPPs under curtailment. The Hawaiian Electric Companies do not make any representations as to the 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.



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Hawaiian Electric Frequency Exc	ursion Stat	istics			
October 2018					
Data Rounded to the nearest	<59.95 Hz	>60.05 Hz			
Number of Excursions	414	176			
Maximum Duration (sec)	1016	1068			
Maximum Deviation (Hz)	59.553	60.24			
Total Duration of Excursions (sec)	10898	3528			

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Maui Electric Frequency Excursion Statistics October 2018					
	<59.95 Hz	>60.05 Hz			
Number of Excursions	2565	1959			
Maximum Duration (sec)	1538	2182			
Maximum Deviation (Hz)	58.516	60.374			
Total Duration of Excursions (sec)	19112	19876			

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Hawai'i Electric Light Frequency Excursion Statistics				
October 2018				
	<59.95 Hz	>60.05 Hz		
Number of Excursions	2879	399		
Maximum Duration (sec)	142	42		
Maximum Deviation (Hz)	59.637	60.131		
Total Duration of Excursions (sec)	14436	1590		

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MAUI ELECTRIC COMPANY, LIMITED UNDERFREQUENCY LOADSHEDDING EVENTS October 2018

					Frequency (H	z)			
				Prior to		Levels UFLS	Load Shed	Duration	
Event #	IR#	Island	Date & Time	Event	Nadir	Occurred	(MW)	(HH:MM)	Description
									A frequency depression of 53.53 Hz occurred when
			10/16/2018			58.65, 58.5,			construction workers dropped a tree across the 12kV
1	820	Lana'i	3:45 PM	60.00	53.53	57.5, 57.0	2.32	4:17	primary conductors.
2	839	Maui	10/20/2018 3:56 PM	60.00	58.38	58.7, 58.5	37.57	2:45	A frequency depression of 58.38 Hz occurred when a sudden drop in as-available wind and solar generation occurred.
3	852	Maui	10/27/2018 11:42 AM	60.00	58.49	58.7, 58.5	39.05	1:15	A frequency depression of 58.49 Hz occurred when a sudden drop in as-available wind and solar generation occurred.

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HAWAIIAN ELECTRIC COMPANY, INC. DEMAND RESPONSE EVENTS

Octobe	- 2010	
Octobe	1 4010	

		Fı	requency (H	(z)			
		Prior to			Load Shed	Duration	
Event #	Date & Time	Event	Nadir	Trigger	(MW)	(HH:MM)	Description
1	10/25/2018 16:34	59.76	59.69	59.70	NA	0:05	RDLC activated.
2	10/29/2018 22:35	59.96	59.55	59.70	NA	0:15	RDLC activated.

Hawaiian Electric Curtailment Report October 2018

			Hawaiian Ei	cctric cartaini	іені кероп Ос	10001 2010	1
					- · · · ·		
					Estimated		
				MW output	MWh of		
		MW output		after	curtailed		
S	Curtailment	prior to start	- In . /=:	curtailment	energy during		
Start Date/Time	Set Point	of curtailment	End Date/Time	released	event (1)	IPP	Reason for Curtailment
10/01/18 02:00	28.0	0.00	10/11/18 10:19	0	*	KWF	Facility Requested
10/01/18 06:10	0.0	0.00	10/01/18 06:56	0	*	Makai	System Constraints
10/01/18 06:10	0.0	0.00	10/01/18 09:16	0	*	Mauka	System Constraints
10/01/18 06:14	0.0	0.00	10/01/18 06:53	0	*	KWF	System Constraints
10/01/18 08:34	0.0	0.00	10/01/18 09:13	0	*	KWF	System Constraints
10/01/18 08:39	0.0	0.00	10/01/18 09:15	0	*	Makai	System Constraints
10/11/18 15:34	0.0	0.00	10/11/18 16:09	0		Mauka	System Constraints
10/11/18 15:38	0.0	0.50	10/11/18 16:07	0	*	North	System Constraints
10/11/18 15:39	0.0	0.10	10/11/18 16:07	0	*	South	System Constraints
10/13/18 06:00	0.0	0.00	10/13/18 07:19	0	*	Aloha	System Constraints
10/13/18 06:03	0.0	0.00	10/13/18 07:20	0	*	Waianae	System Constraints
10/13/18 14:39	0.0	6.30	10/13/18 15:27	0	*	Waianae	System Constraints
10/13/18 14:46	0.0	0.60	10/13/18 15:21	0	*	Aloha	System Constraints
10/16/18 05:48	0.0	0.00	10/16/18 08:17	0	*	Waianae	System Constraints
10/16/18 05:55	0.0	0.00	10/16/18 08:15	0	*	Aloha	System Constraints
10/16/18 14:58	0.0	27.20	10/16/18 19:50	0	*	Waianae	System Constraints
10/16/18 15:01	0.0	3.70	10/16/18 19:51	0	*	Aloha	System Constraints
10/17/18 05:26	0.0	0.00	10/17/18 07:58	0	*	Waianae	System Constraints
10/17/18 05:28	0.0	0.00	10/17/18 07:56	0	*	Aloha	System Constraints
10/17/18 11:43	0.0	12.40	10/17/18 12:06	0	*	Waianae	System Constraints
10/17/18 11:46	0.0	2.90	10/17/18 12:08	0	*	Aloha	System Constraints
10/23/18 05:07	0.0	5.00	10/23/18 05:35	0	*	KWF	System Constraints
10/23/18 05:10	0.0	0.20	10/23/18 05:34	0	*	Makai	System Constraints
10/23/18 05:10	0.0	8.30	10/23/18 13:38	0	*	Mauka	System Constraints
10/23/18 13:03	0.0	7.80	10/23/18 13:35	0	*	KWF	System Constraints
10/23/18 13:05	0.0	9.70	10/23/18 13:38	0	*	Makai	System Constraints
10/24/18 16:52	26.0	12.00	10/27/18 03:31	0	*	KWF	Facility Requested
10/25/18 20:23	0.0	0.00	10/26/18 08:41	0	*	Mauka	System Constraints
10/25/18 20:29	0.0	10.40	10/25/18 20:55	0	*	KWF	System Constraints
10/25/18 20:44	0.0	1.60	10/25/18 20:59	0	*	Makai	System Constraints
10/26/18 07:36	0.0	6.50	10/26/18 08:34	0	*	KWF	System Constraints
10/26/18 07:40	0.0	2.10	10/26/18 08:40	0	*	Makai	System Constraints
10/27/18 04:18	23.0	11.70	10/30/18 11:01	0	*	KWF	Facility Requested
10/29/18 07:29	0.0	8.60	10/29/18 08:00	0	*	KWF	System Constraints
10/29/18 07:32	0.0	1.90	10/29/18 08:04	0	*	Makai	System Constraints
10/29/18 07:32	0.0	4.80	10/29/18 13:49	0	*	Mauka	System Constraints
10/29/18 13:00	0.0	0.50	10/29/18 13:45	0	*	Makai	System Constraints
10/29/18 13:04	0.0	0.30	10/29/18 13:42	0	*	KWF	System Constraints
10/30/18 12:03	15.0	0.00	10/30/18 13:17	0	*	KWF	Facility Requested
10/30/18 13:42	22.0	0.00	10/31/18 23:46	0	*	KWF	Facility Requested

Aloha1 = Aloha Solar 1 PV Farm

KLS2 = Kalaeloa Solar 2 PV Farm

KREP = Kalaeloa Renewable Energy Park

KWF = Kahuku Wind Farm

Makai = Kawailoa Makai Wind Farm

Mauka = Kawailoa Mauka Wind Farm

North = Waihonu North PV Farm

South = Waihonu South PV Farm

Waianae = Waianae Solar PV Farm

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

^{*} Data has not been provided by IPP.

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Maui Curtailment Report

Start Date and Time Duration 10/1/2018 7:05 0:01 10/1/2018 7:06 0:01 10/1/2018 7:07 0:55 10/2/2018 6:05 0:01 10/3/2018 2:22 0:01 10/3/2018 7:45 0:01 10/4/2018 6:17 11:56 10/5/2018 6:17 11:56 10/5/2018 6:17 11:56 10/6/2018 6:17 11:56 10/6/2018 6:17 11:56 10/6/2018 6:17 1:04 10/7/2018 0:21 0:15	IPP Curtailed SMRR AWE KWP KWPII KWPII KWPII KS	Estimated Curtailed MWH Data is not available 0.013 0.000 0.000 0.001 0.001	4.500 0.000 0.010	Reasons for Curtailment Oversupply Oversupply Facility requested Oversupply Oversupply
10/1/2018 7:06 0:01 10/1/2018 7:07 0:55 10/2/2018 6:05 0:01 10/3/2018 2:22 0:01 10/3/2018 7:45 0:01 10/4/2018 6:17 11:56 10/5/2018 8:08 0:04 10/6/2018 6:17 11:56 10/6/2018 6:17 11:56	AWE KWP KWPII KWPII KWPII KWPII	0.013 0.000 0.000 0.001 0.001	4.500 0.000 0.010 0.037	Oversupply Facility requested Oversupply Oversupply
10/1/2018 7:07 0:55 10/2/2018 6:05 0:01 10/3/2018 2:22 0:01 10/3/2018 7:45 0:01 10/4/2018 6:17 11:56 10/5/2018 6:17 11:56 10/5/2018 6:17 11:56 10/6/2018 6:17 11:56	KWP KWPII KWPII KWPII KS	0.000 0.000 0.001 0.001	0.000 0.010 0.037	Facility requested Oversupply Oversupply
10/2/2018 6:05 0:01 10/3/2018 2:22 0:01 10/3/2018 7:45 0:01 10/4/2018 6:17 11:56 10/5/2018 6:17 11:56 10/5/2018 18:08 0:04 10/6/2018 6:17 11:56 10/6/2018 6:17 11:56	KWPII KWPII KWPII KS	0.000 0.001 0.001	0.010 0.037	Oversupply Oversupply
10/3/2018 2:22 0:01 10/3/2018 7:45 0:01 10/4/2018 6:17 11:56 10/5/2018 6:17 11:56 10/5/2018 18:08 0:04 10/6/2018 6:17 11:56 10/6/2018 6:17 1:04	KWPII KWPII KS	0.001 0.001	0.037	Oversupply
10/3/2018 7:45 0:01 10/4/2018 6:17 11:56 10/5/2018 6:17 11:56 10/5/2018 18:08 0:04 10/6/2018 6:17 11:56 10/6/2018 6:17 1:04	KWPII KS	0.001		
10/4/2018 6:17 11:56 10/5/2018 6:17 11:56 10/5/2018 18:08 0:04 10/6/2018 6:17 11:56 10/6/2018 6:17 1:04	KS			Overgunnly
10/5/2018 6:17 11:56 10/5/2018 18:08 0:04 10/6/2018 6:17 11:56 10/6/2018 6:17 1:04			Data is not available	Oversupply
10/5/2018 18:08 0:04 10/6/2018 6:17 11:56 10/6/2018 6:17 1:04		Data is not available		
10/6/2018 6:17 11:56 10/6/2018 6:17 1:04		Data is not available		Oversupply
10/6/2018 6:17 1:04	SMRR	Data is not available	Data is not available	Oversupply
	KS	Data is not available		Oversupply
10/7/2018 0:21 0:15	SMRR	Data is not available		Oversupply
	KWPII	0.766		Oversupply
10/7/2018 6:17 11:56	KS	Data is not available		Oversupply
10/8/2018 15:47 0:01	KWPII	0.020		Oversupply
10/9/2018 0:11 0:01	KWPII	0.001		Oversupply
10/9/2018 0:25 0:04	KWPII	0.025		Oversupply
10/9/2018 0:33 0:07	KWPII	0.089		Oversupply
10/9/2018 0:41 0:02	KWPII	0.018		Oversupply
10/9/2018 0:49 0:04	KWPII	0.069	20.644	Oversupply
10/9/2018 0:54 0:01	KWPII	0.000	20.641	Oversupply
10/9/2018 1:10 0:01	KWPII	0.002	20.673	Oversupply
10/9/2018 1:32 0:05	KWPII	0.064	20.698	Oversupply
10/9/2018 1:44 0:02	KWPII	0.007		Oversupply
10/9/2018 2:24 0:05	KWPII	0.046		Oversupply
10/9/2018 2:36 0:04	KWPII	0.047		Oversupply
10/9/2018 2:44 0:12	KWPII	0.224		Oversupply
10/9/2018 3:28 0:05	KWPII	0.063		Oversupply
10/9/2018 3:47 0:03	KWPII	0.029		Oversupply
10/9/2018 6:21 0:01	KS	Data is not available		Oversupply
10/9/2018 6:21 3:21	KS	Data is not available	Data is not available	Oversupply
10/9/2018 9:42 0:01	KS	Data is not available Data is not available		
10/9/2018 9:42 0:01	SMRR	Data is not available Data is not available		Oversupply Oversupply
		Data is not available Data is not available	Data is not available	Oversupply
10/9/2018 9:44 0:01	SMRR			117
10/9/2018 9:44 0:01	KS	Data is not available	Data is not available	Oversupply
10/9/2018 9:44 0:45	KS	Data is not available	Data is not available	Oversupply
10/9/2018 10:30 0:01	KS	Data is not available	Data is not available	Oversupply
10/9/2018 10:30 0:01	SMRR	Data is not available		Oversupply
10/9/2018 10:30 0:01	KS	Data is not available		Oversupply
10/9/2018 10:31 0:01	SMRR	Data is not available	Data is not available	Oversupply
10/9/2018 10:31 0:01	KS	Data is not available	Data is not available	Oversupply
10/9/2018 10:32 0:01	SMRR	Data is not available	Data is not available	Oversupply
10/9/2018 10:32 0:01	KS	Data is not available	Data is not available	Oversupply
10/9/2018 10:32 0:01	SMRR	Data is not available	Data is not available	Oversupply
10/9/2018 10:33 0:01	KS	Data is not available	Data is not available	Oversupply
10/9/2018 10:33 0:01	SMRR	Data is not available	Data is not available	Oversupply
10/9/2018 10:33 0:01	KS	Data is not available	Data is not available	Oversupply
10/9/2018 10:34 0:01	SMRR	Data is not available		Oversupply
10/9/2018 10:34 0:01	KS	Data is not available		Oversupply
10/9/2018 10:35 0:01	SMRR	Data is not available		Oversupply
10/9/2018 10:35 0:01	KS	Data is not available		Oversupply
10/9/2018 10:35 0:01	SMRR	Data is not available		Oversupply
10/9/2018 10:36 0:01	KS	Data is not available		Oversupply
10/9/2018 10:36 0:01	SMRR	Data is not available		Oversupply
10/9/2018 10:36 0:01	KS	Data is not available		Oversupply
10/9/2018 10:37 0:01	SMRR	Data is not available Data is not available		Oversupply
10/9/2018 10:37 0:01	KS	Data is not available Data is not available	Data is not available Data is not available	Oversupply
10/9/2018 10:37 0:01	SMRR	Data is not available Data is not available		
10/9/2018 10:38 0:01	KS	Data is not available		Oversupply Oversupply
		Data is not available		
10/9/2018 10:38 0:01	SMRR	Data is not available		Oversupply
10/9/2018 10:39 0:01	KS	Data is not available		Oversupply
10/9/2018 10:39 0:01	SMRR	Data is not available		Oversupply
10/9/2018 10:39 0:01	KS	Data is not available		Oversupply
10/9/2018 10:40 0:01	SMRR	Data is not available		Oversupply
10/9/2018 10:40 0:01	KS	Data is not available		Oversupply
10/9/2018 10:41 0:01	SMRR	Data is not available		Oversupply
10/9/2018 10:41 0:01	KS	Data is not available		Oversupply
10/9/2018 10:42 0:14	BS250	Data is not available		Oversupply
10/9/2018 10:42 0:04	ESA	Data is not available		Oversupply
10/9/2018 10:42 0:04	ESA	Data is not available	Data is not available	Oversupply
10/9/2018 10:42 0:14	ESB	Data is not available	Data is not available	Oversupply
10/9/2018 10:42 0:15	SMRR	Data is not available	Data is not available	Oversupply
10/9/2018 10:42 0:14	KS	Data is not available		Oversupply
10/9/2018 10:43 0:14	KWPII	0.422		Oversupply
10/9/2018 10:56 0:01	KS	Data is not available		Oversupply
10/9/2018 10:56 0:01	SMRR	Data is not available		Oversupply
10/9/2018 10:57 0:01	KS	Data is not available		Oversupply
10/9/2018 10:57 0:01	SMRR	Data is not available		Oversupply
10/9/2018 10:57 0:01	KS	Data is not available Data is not available		Oversupply
10/9/2018 10:57 0:01	SMRR	Data is not available Data is not available		Oversupply
	KS SMRR	Data is not available		Oversupply
10/9/2018 10:58 0:01	SMRK	Data is not available	Data is not available	Oversupply
10/9/2018 10:58 0:01 10/9/2018 10:58 0:01		Data ta and 11 11 1	Data to not as 19.11	
10/9/2018 10:58 0:01 10/9/2018 10:58 0:01 10/9/2018 10:59 0:01	KS	Data is not available	Data is not available	Oversupply
10/9/2018 10:58 0:01 10/9/2018 10:58 0:01 10/9/2018 10:59 0:01 10/9/2018 10:59 0:01	KS SMRR	Data is not available	Data is not available	Oversupply
10/9/2018 10:58 0:01 10/9/2018 10:58 0:01 10/9/2018 10:59 0:01	KS		Data is not available Data is not available	

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Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/9/2018 11:02	0:01	SMRR		Data is not available	Oversupply
10/9/2018 11:03	0:01	SMRR		Data is not available	Oversupply
10/9/2018 11:04	0:01	SMRR		Data is not available	Oversupply
10/9/2018 11:04	0:01	SMRR		Data is not available	Oversupply
	0:01	SMRR			
10/9/2018 11:05				Data is not available	Oversupply
10/9/2018 11:06	0:01	SMRR		Data is not available	Oversupply
10/9/2018 11:07	0:01	SMRR		Data is not available	Oversupply
10/9/2018 11:07	0:01	SMRR		Data is not available	Oversupply
10/9/2018 11:08	0:01	SMRR		Data is not available	Oversupply
10/9/2018 11:09	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/9/2018 11:10	0:01	SMRR	Data is not available -	Data is not available	Oversupply
10/9/2018 11:11	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/9/2018 11:11	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/9/2018 11:12	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/9/2018 11:13	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/9/2018 11:14	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/9/2018 11:14	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/9/2018 11:15	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/9/2018 11:16	0:03	BS250	Data is not available	Data is not available	Oversupply
10/9/2018 11:16	0:03	ESB		Data is not available	Oversupply
10/9/2018 11:16	0:03	SMRR		Data is not available	Oversupply
10/9/2018 11:17	0:02	KWPII	0.082		Oversupply
10/9/2018 11:19	0:02	SMRR		Data is not available	Oversupply
10/9/2018 11:19	0:01	SMRR			
	0:01	SMRR		Data is not available	Oversupply Oversupply
10/9/2018 11:22				Data is not available	
10/9/2018 11:23	0:01	SMRR		Data is not available	Oversupply
10/9/2018 11:24	0:01	SMRR		Data is not available	Oversupply
10/9/2018 11:24	0:01	SMRR		Data is not available	Oversupply
10/9/2018 22:55	0:11	KWPII	0.805		System constraint
10/12/2018 11:20	0:01	SMRR		Data is not available	Oversupply
10/12/2018 11:49	0:01	AWE	0.002		Oversupply
10/13/2018 8:07	0:01	AWE	0.002	0.100	Oversupply
10/13/2018 12:26	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:26	0:01	KS	Data is not available	Data is not available	Oversupply
10/13/2018 12:27	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:27	0:01	KS	Data is not available	Data is not available	Oversupply
10/13/2018 12:28	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:28	0:01	KS	Data is not available	Data is not available	Oversupply
10/13/2018 12:28	0:01	SMRR		Data is not available	Oversupply
10/13/2018 12:29	0:01	KS		Data is not available	Oversupply
10/13/2018 12:29	0:01	SMRR		Data is not available	Oversupply
10/13/2018 12:29	0:01	KS		Data is not available	Oversupply
10/13/2018 12:30	0:01	SMRR		Data is not available	
10/13/2018 12:30	0:01	KS		Data is not available	Oversupply Oversupply
10/13/2018 12:31	0:01	SMRR		Data is not available	Oversupply
10/13/2018 12:31	0:01	KS		Data is not available	Oversupply
10/13/2018 12:31	0:01	SMRR		Data is not available	Oversupply
10/13/2018 12:32	0:01	KS		Data is not available	Oversupply
10/13/2018 12:32	0:01	SMRR		Data is not available	Oversupply
10/13/2018 12:32	0:01	KS		Data is not available	Oversupply
10/13/2018 12:33	0:01	SMRR		Data is not available	Oversupply
10/13/2018 12:33	0:01	KS	Data is not available	Data is not available	Oversupply
10/13/2018 12:34	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:34	0:01	KS	Data is not available	Data is not available	Oversupply
10/13/2018 12:34	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:35	0:01	KS	Data is not available	Data is not available	Oversupply
10/13/2018 12:35	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:35	0:01	KS	Data is not available	Data is not available	Oversupply
10/13/2018 12:36	0:01	SMRR		Data is not available	
10/13/2018 12:36					Oversupply
	0:01			Data is not available	
		KS	Data is not available	Data is not available	Oversupply
10/13/2018 12:37	0:01	KS SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/13/2018 12:37 10/13/2018 12:37	0:01 0:02	KS SMRR KS	Data is not available Data is not available Data is not available	Data is not available Data is not available Data is not available	Oversupply Oversupply Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38	0:01 0:02 0:01	KS SMRR KS BS250	Data is not available	Data is not available Data is not available Data is not available Data is not available	Oversupply Oversupply Oversupply Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38	0:01 0:02 0:01 0:01	KS SMRR KS BS250 ESB	Data is not available	Data is not available Data is not available Data is not available Data is not available Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38	0:01 0:02 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38	0:01 0:02 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38	0:01 0:02 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:39	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS SMRR KS SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:40 10/13/2018 12:40	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS SMRR KS SMRR KS SMRR KS SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:40 10/13/2018 12:40	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS SMRR KS SMRR KS SMRR KS SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:40 10/13/2018 12:40 10/13/2018 12:41 10/13/2018 12:41	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:40 10/13/2018 12:40	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS SMRR KS SMRR KS SMRR KS SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:40 10/13/2018 12:40 10/13/2018 12:41 10/13/2018 12:41	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:40 10/13/2018 12:40 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:41	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:40 10/13/2018 12:40 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:45	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:40 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:45 10/13/2018 12:45	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:40 10/13/2018 12:40 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:45 10/13/2018 12:45 10/13/2018 12:45 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:40 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:45 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:56 10/13/2018 12:56 10/13/2018 12:56	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:40 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:45 10/13/2018 12:55 10/13/2018 12:56 10/13/2018 12:56 10/13/2018 12:56 10/13/2018 12:56	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR SMRR KS	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:40 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:47 10/13/2018 12:45 10/13/2018 12:45 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:45 10/13/2018 12:45 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:40 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:45 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:57 10/13/2018 12:57 10/13/2018 12:57	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 12:37 10/13/2018 12:37 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:38 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:39 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:41 10/13/2018 12:45 10/13/2018 12:45 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55 10/13/2018 12:55	0:01 0:02 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS BS250 ESB SMRR SMRR KS	Data is not available	Data is not available	Oversupply

DOCKET NO. 2011-0206 ORDER NO. 30371 I.C.(3)(a)&(b) ATTACHMENT 6 PAGE 4 OF 20



Maui Curtailment Report

tart Date and Time 10/13/2018 12:59	Duration 0:01	IPP Curtailed KS	Estimated Curtailed MWH Data is not available	Peak MW Curtailed Data is not available	Reasons for Curtailmo Oversupply
10/13/2018 12:59	0:01	SMRR	Data is not available	Data is not available Data is not available	Oversupply
10/13/2018 13:00	0:01	SMRR	Data is not available	Data is not available Data is not available	Oversupply
10/13/2018 13:01	0:01	KS	Data is not available	Data is not available	Oversupply
10/13/2018 13:01	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 13:02	0:01	KS	Data is not available	Data is not available	Oversupply
10/13/2018 13:02	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 13:03	0:01	ESB	Data is not available	Data is not available	Oversupply
10/13/2018 13:03	0:01	KS	Data is not available	Data is not available	Oversupply
10/13/2018 13:03	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 13:03	0:01	KS		Data is not available	Oversupply
10/13/2018 13:03	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 13:04	0:01	KS		Data is not available	Oversupply
10/13/2018 13:04	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 13:05	0:01	SMRR		Data is not available	Oversupply
10/13/2018 13:06	0:01	KS	Data is not available	Data is not available	Oversupply
10/13/2018 13:06	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/13/2018 19:31	0:01	KWPII	0.001	0.083	Oversupply
10/14/2018 14:08	0:01	KWPII	0.001	0.059	Oversupply
10/15/2018 8:29	0:01	AWE	0.003	0.200	Oversupply
10/15/2018 10:33	0:01	KWPII	0.063	18.903	Oversupply
10/15/2018 12:59	0:01	BS250	Data is not available	Data is not available	Oversupply
10/15/2018 12:59	0:01	ESB	Data is not available	Data is not available	Oversupply
10/15/2018 13:01	0:05	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:01	0:05	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:02	0:06	KWPII	0.314		System constraint
10/15/2018 13:07	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:07	0:01	KS		Data is not available	Oversupply
10/15/2018 13:07	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:08	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:08	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:09	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:09	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:10	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:10	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:11	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:11	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:12	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:15	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:15	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:16	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:17	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:17	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:17	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:17	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:18	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:18	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:19	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:19	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:20	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:20	0:01	SMRR		Data is not available	Oversupply
10/15/2018 13:20	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:20	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:21	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:21	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:22	0:01	KS	Data is not available	Data is not available	Oversupply
10/15/2018 13:22	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/15/2018 13:23	0:01	KS		Data is not available	Oversupply
10/15/2018 13:23	0:01 0:01	SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/15/2018 13:24 10/15/2018 13:24	0:01	SMRR KS		Data is not available Data is not available	Oversupply
10/15/2018 13:24	0:15	SMRR	Data is not available	Data is not available Data is not available	Oversupply
10/15/2018 13:25	0:06	BS250		Data is not available Data is not available	Oversupply
10/15/2018 13:25	0:06	ESB	Data is not available	Data is not available	Oversupply
10/15/2018 13:25	0:06	KWPII	0.102		Oversupply
10/16/2018 1:08	0:06	KWPII	0.102		Oversupply
10/16/2018 10:23	2:04	KWPII	21.133		System constraint
10/16/2018 10:46	0:10	BS250	Data is not available	Data is not available	Oversupply
10/16/2018 10:46	0:10	ESB	Data is not available	Data is not available	Oversupply
10/16/2018 12:31	0:48	KWPII	2.455		System constraint
10/16/2018 13:52	0:03	SMRR	Data is not available	Data is not available	Oversupply
10/16/2018 13:55	0:03	BS250	Data is not available	Data is not available	Oversupply
10/16/2018 13:55	0:01	SMRR		Data is not available	Oversupply
10/16/2018 13:56	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/16/2018 13:57	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/16/2018 13:58	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/16/2018 13:58	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/16/2018 13:58	0:01	SMRR		Data is not available Data is not available	Oversupply
10/16/2018 14:00	0:01	SMRR	Data is not available	Data is not available Data is not available	Oversupply
10/16/2018 14:00	0:02	SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply
10/16/2018 14:01	0:01	SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply
10/16/2018 14:02	0:01	SMRR		Data is not available Data is not available	Oversupply
					Oversupply
10/16/2018 14:04 10/16/2018 14:05	0:01 0:01	SMRR SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply
				Data is not available Data is not available	Oversupply
10/16/2018 14:05	0:01	SMRR	Data is not available		

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Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/16/2018 14:07	0:01	SMRR	Data is not available		Oversupply
10/17/2018 8:16	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 8:17	0:01	SMRR	Data is not available		Oversupply
10/17/2018 8:18	0:01 0:36	SMRR KS	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/17/2018 8:18 10/17/2018 8:18	0:01	SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply
10/17/2018 8:19	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 8:20	0:53	KWPII	5.589		Facility Requested
10/17/2018 9:17	0:06	KWPII	0.143	1	Facility Requested
10/17/2018 9:23	0:03	BS250	Data is not available	Data is not available	Oversupply
10/17/2018 9:23	0:03	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 9:44	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 9:49	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 9:50	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 9:52	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 9:53	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 9:54	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 9:55	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 9:56	0:01	SMRR	Data is not available		Oversupply
10/17/2018 9:56	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 9:57	0:01	SMRR	Data is not available		Oversupply
10/17/2018 9:58 10/17/2018 10:02	0:01 0:01	SMRR SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/17/2018 10:02	0:01	SMRR	Data is not available		Oversupply
10/17/2018 10:06	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 10:07	0:01	SMRR	Data is not available		Oversupply
10/17/2018 10:08	0:01	SMRR	Data is not available		Oversupply
10/17/2018 10:09	0:01	SMRR	Data is not available		Oversupply
10/17/2018 10:09	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 10:10	0:12	BS250	Data is not available	Data is not available	Oversupply
10/17/2018 10:10	0:13	KWPII	0.451	1	Oversupply
10/17/2018 10:10	0:12	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 10:22	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 10:23	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 10:24	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 10:25	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 10:25	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 10:26	0:01	SMRR	Data is not available		Oversupply
10/17/2018 10:27	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 10:28	0:01	SMRR	Data is not available		Oversupply
10/17/2018 10:28 10/17/2018 10:29	0:01 0:01	SMRR SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/17/2018 10:30	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 10:31	0:02	SMRR	Data is not available		Oversupply
10/17/2018 10:32	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 10:57	0:01	SMRR	Data is not available		Oversupply
10/17/2018 11:56	0:01	SMRR	Data is not available		Oversupply
10/17/2018 11:57	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 11:58	0:01	SMRR	Data is not available		Oversupply
10/17/2018 11:59	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 11:59	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 12:00	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 12:01	0:01	SMRR	Data is not available		Oversupply
10/17/2018 12:02	0:01	SMRR	Data is not available		Oversupply
10/17/2018 12:03	0:05	BS250	Data is not available	Data is not available	Oversupply
10/17/2018 12:03	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 12:03	0:03	SMRR	Data is not available	1	Oversupply
10/17/2018 12:04	0:03	KWPII	0.055		Oversupply
10/17/2018 12:06	0:01	SMRR	Data is not available		Oversupply
10/17/2018 12:06 10/17/2018 12:07	0:20 0:01	KS SMRR	Data is not available	Data is not available	Oversupply Oversupply
10/17/2018 12:07	0:01	SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply
10/17/2018 12:08	0:01	BS250	Data is not available Data is not available	Data is not available Data is not available	Oversupply
10/17/2018 12:09	0:03	KWPII	0.028		Oversupply
10/17/2018 12:09	0:03	SMRR	Data is not available	1	Oversupply
10/17/2018 12:12	0:01	SMRR	Data is not available		Oversupply
10/17/2018 12:13	0:01	SMRR	Data is not available		Oversupply
10/17/2018 12:13	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/17/2018 12:14	0:02	SMRR	Data is not available	1	Oversupply
10/17/2018 12:15	0:01	BS250	Data is not available	1	Oversupply
		KWPII	0.006		Oversupply
10/17/2018 12:15	0:01			Data is not available	Oversupply
	0:01	SMRR	Data is not available		
10/17/2018 12:15 10/17/2018 12:16 10/17/2018 12:16	0:01 0:01	SMRR SMRR	Data is not available Data is not available	Data is not available	Oversupply
10/17/2018 12:15 10/17/2018 12:16 10/17/2018 12:16 10/17/2018 12:17	0:01 0:01 0:01	SMRR SMRR SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply
10/17/2018 12:15 10/17/2018 12:16 10/17/2018 12:16 10/17/2018 12:17 10/17/2018 12:17	0:01 0:01 0:01 0:01	SMRR SMRR SMRR SMRR	Data is not available Data is not available Data is not available	Data is not available Data is not available Data is not available	Oversupply Oversupply
10/17/2018 12:15 10/17/2018 12:16 10/17/2018 12:16 10/17/2018 12:17 10/17/2018 12:18 10/17/2018 12:18	0:01 0:01 0:01 0:01 0:01	SMRR SMRR SMRR SMRR SMRR SMRR	Data is not available Data is not available Data is not available Data is not available	Data is not available	Oversupply Oversupply Oversupply
10/17/2018 12:15 10/17/2018 12:16 10/17/2018 12:16 10/17/2018 12:17 10/17/2018 12:19 10/17/2018 12:19 10/17/2018 12:19	0:01 0:01 0:01 0:01 0:01 0:01	SMRR SMRR SMRR SMRR SMRR SMRR SMRR	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply
10/17/2018 12:15 10/17/2018 12:16 10/17/2018 12:16 10/17/2018 12:17 10/17/2018 12:18 10/17/2018 12:19 10/17/2018 12:19 10/17/2018 12:19	0:01 0:01 0:01 0:01 0:01 0:01 0:01	SMRR SMRR SMRR SMRR SMRR SMRR SMRR KWPII	Data is not available 0.007	Data is not available 18.327	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/17/2018 12:15 10/17/2018 12:15 10/17/2018 12:16 10/17/2018 12:17 10/17/2018 12:18 10/17/2018 12:19 10/17/2018 12:19 10/17/2018 12:19 10/20/2018 3:43 10/20/2018 5:02	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	SMRR SMRR SMRR SMRR SMRR SMRR SMRR SMRR	Data is not available 0.007 0.004	Data is not available 18.327 19.867	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/17/2018 12:15 10/17/2018 12:16 10/17/2018 12:16 10/17/2018 12:17 10/17/2018 12:18 10/17/2018 12:19 10/17/2018 12:19 10/20/2018 3:43 10/20/2018 5:02	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	SMRR SMRR SMRR SMRR SMRR SMRR SMRR KWPII KWPII	Data is not available 0.007 0.004	Data is not available 18.327 19.867 20.144	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/17/2018 12:15 10/17/2018 12:16 10/17/2018 12:16 10/17/2018 12:17 10/17/2018 12:18 10/17/2018 12:19 10/17/2018 12:19 10/20/2018 3:43 10/20/2018 5:02 10/20/2018 5:04	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	SMRR SMRR SMRR SMRR SMRR SMRR SMRR KWPII KWPII KWPII	Data is not available 0.007 0.004 0.005 Data is not available	Data is not available 18.327 19.867 20.144 Data is not available	Oversupply
10/17/2018 12:15 10/17/2018 12:16 10/17/2018 12:16 10/17/2018 12:17 10/17/2018 12:18 10/17/2018 12:19 10/17/2018 12:19 10/20/2018 3:43 10/20/2018 5:04 10/20/2018 5:04 10/20/2018 10:21	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	SMRR SMRR SMRR SMRR SMRR SMRR SMRR KWPII KWPII KWPII KS	Data is not available 0.007 0.004 Data is not available Data is not available	Data is not available 18.327 19.867 20.144 Data is not available	Oversupply
10/17/2018 12:15 10/17/2018 12:15 10/17/2018 12:16 10/17/2018 12:17 10/17/2018 12:19 10/17/2018 12:19 10/17/2018 12:19 10/17/2018 12:19 10/20/2018 3:43 10/20/2018 5:02 10/20/2018 10:21 10/20/2018 10:21	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	SMRR SMRR SMRR SMRR SMRR SMRR SMRR KWPII KWPII KS KS KS	Data is not available 0.007 0.004 0.005 Data is not available Data is not available	Data is not available 18.327 19.867 20.144 Data is not available Data is not available Data is not available	Oversupply
10/17/2018 12:15 10/17/2018 12:16 10/17/2018 12:16 10/17/2018 12:17 10/17/2018 12:18 10/17/2018 12:19 10/17/2018 12:19 10/20/2018 3:43 10/20/2018 5:04 10/20/2018 5:04 10/20/2018 10:21	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	SMRR SMRR SMRR SMRR SMRR SMRR SMRR KWPII KWPII KWPII KS	Data is not available 0.007 0.004 Data is not available Data is not available	Data is not available 18.327 19.867 20.144 Data is not available	Oversupply

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Maui Curtailment Report

10/20/2018 10:43	Duration 0:01	IPP Curtailed KS	Estimated Curtailed MWH Data is not available	Peak MW Curtailed Data is not available	Reasons for Curtailme Oversupply
10/20/2018 10:43	1:13	BS250	Data is not available Data is not available	Data is not available Data is not available	Oversupply
10/20/2018 10:44					
	1:12	KWPII	13.831		Oversupply
10/20/2018 11:34	0:19	AWE	0.149		Oversupply
10/20/2018 11:57	0:01	KS	Data is not available	Data is not available	Oversupply
10/20/2018 11:58	0:17	KS	Data is not available	Data is not available	Oversupply
10/20/2018 11:59	0:16	BS250	Data is not available	Data is not available	Oversupply
10/20/2018 11:59	0:17	KWPII	1.901		Oversupply
10/20/2018 12:16	0:05	KS	Data is not available	Data is not available	Oversupply
10/20/2018 12:17	0:03	BS250	Data is not available	Data is not available	Oversupply
10/20/2018 12:17	0:04	KWPII	0.087		Oversupply
10/20/2018 12:20	0:01	KS	Data is not available	Data is not available	Oversupply
10/20/2018 12:21	0:01	KS	Data is not available	Data is not available	Oversupply
10/20/2018 14:19	0:01	KS	Data is not available	Data is not available	Oversupply
10/20/2018 14:20	0:01	KS	Data is not available	Data is not available	Oversupply
10/20/2018 14:21	0:01	KS	Data is not available	Data is not available	Oversupply
10/20/2018 14:23	0:01	KS	Data is not available	Data is not available	Oversupply
10/20/2018 14:31	0:01	KS	Data is not available	Data is not available	Oversupply
10/20/2018 14:32	0:01	KS	Data is not available	Data is not available	Oversupply
10/20/2018 14:34	0:01	AWE	0.002	2.200	Oversupply
10/20/2018 14:41	0:01	KS	Data is not available	Data is not available	Oversupply
10/20/2018 14:47	0:01	KS	Data is not available	Data is not available	Oversupply
10/20/2018 14:47	0:01	KS	Data is not available	Data is not available	Oversupply
10/20/2018 14:49	0:01	KWPII	0.015		Oversupply
10/20/2018 14:49	0:02	KS	Data is not available	Data is not available	Oversupply
10/20/2018 14:50	0:01	AWE	0.001		Oversupply
10/20/2018 14:52	0:05	AWE	0.009		Oversupply
10/20/2018 15:00	0:07	AWE	0.003		Oversupply
10/21/2018 8:56	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 8:57	0:01	KS KS	Data is not available Data is not available	Data is not available Data is not available	Oversupply
		KS KS	Data is not available Data is not available		
10/21/2018 8:58 10/21/2018 8:59	0:01 0:01	KS KS		Data is not available	Oversupply
				Data is not available	Oversupply
10/21/2018 8:59	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:00	0:01	KS		Data is not available	Oversupply
10/21/2018 9:01	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:02	0:07	KWPII	0.346		Facility Requested
10/21/2018 9:02	9:11	SMRR	Data is not available	Data is not available	Oversupply
10/21/2018 9:02	0:01	KS		Data is not available	Oversupply
10/21/2018 9:02	0:01	KS		Data is not available	Oversupply
10/21/2018 9:03	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:05	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:08	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:12	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:27	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:27	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:28	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:29	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:30	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:30	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:31	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:32	0:01	KS		Data is not available	Oversupply
10/21/2018 9:33	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:33	0:01	KS KS	Data is not available Data is not available	Data is not available	Oversupply
10/21/2018 9:34		KS KS		Data is not available	Oversupply
	0:01		Data is not available		
10/21/2018 9:35	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:36	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:37	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 9:37	0:17	KS		Data is not available	Oversupply
10/21/2018 9:38	0:12	BS250	Data is not available	Data is not available	Oversupply
10/21/2018 9:38	0:37	KWPII	0.980		Oversupply
10/21/2018 9:51	0:04	BS250	Data is not available	Data is not available	Oversupply
10/21/2018 9:55	0:01	KS		Data is not available	Oversupply
10/21/2018 9:55	0:08	KS		Data is not available	Oversupply
10/21/2018 9:56	0:08	BS250	Data is not available	Data is not available	Oversupply
10/21/2018 10:04	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 10:04	0:09	KS	Data is not available	Data is not available	Oversupply
10/21/2018 10:05	0:09	BS250	Data is not available	Data is not available	Oversupply
10/21/2018 10:13	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 10:14	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 10:15	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 10:16	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 10:16	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 10:17	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 10:17	0:04	BS250	Data is not available Data is not available	Data is not available	Oversupply
10/21/2018 10:18	0:04	KS			
			Data is not available	Data is not available	Oversupply
10/21/2018 10:19	0:03	KWPII	0.068		Oversupply
10/21/2018 10:21	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 10:22	0:01	KS		Data is not available	Oversupply
10/21/2018 10:22	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 10:23	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 10:24	1:02	BS250	Data is not available	Data is not available	Oversupply
10/21/2018 10:24	0:01	KWPII	0.008	17.755	Oversupply
10/21/2018 10:24	0:01	KS	Data is not available	Data is not available	Oversupply
	1:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 10:25					I
10/21/2018 10:25 10/21/2018 10:26	1:02	KWPII	12.961	20.234	Oversupply

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Elecuic					
Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/21/2018 11:05	0:17	AWE	0.165		Oversupply
10/21/2018 11:26	0:01		Data is not available		Oversupply
		KS	Data is not available Data is not available	Data is not available	
10/21/2018 11:27	0:01	KS		Data is not available	Oversupply
10/21/2018 11:27	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 11:28	0:24	KS	Data is not available	Data is not available	Oversupply
10/21/2018 11:29	0:24	BS250	Data is not available	Data is not available	Oversupply
10/21/2018 11:29	0:35	KWPII	2.431	1	Oversupply
10/21/2018 11:52	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 11:53	0:08	KS	Data is not available	Data is not available	Oversupply
10/21/2018 11:54	0:09	BS250	Data is not available	Data is not available	Oversupply
10/21/2018 12:01	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:02	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:03	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:04	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:04	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:05	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:06	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:07	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:07	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:08	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:09	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:10	0:01	KS	Data is not available	Data is not available	Oversupply
				1	
10/21/2018 12:10	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:11	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:12	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:13	0:01	BS250	Data is not available	Data is not available	Oversupply
10/21/2018 12:13	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:13	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:14	0:01	KWPII	0.005	1	Oversupply
10/21/2018 12:14	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:15	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:16	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:16	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:17	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:18	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:19	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:19	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:20	0:04	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:21	0:04	BS250	Data is not available	Data is not available	Oversupply
10/21/2018 12:22	0:03	KWPII	0.091		Oversupply
10/21/2018 12:24	0:03	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:25	0:01	KS	Data is not available	Data is not available	Oversupply
				1	
10/21/2018 12:25	0:03	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:26	0:03	BS250	Data is not available	Data is not available	Oversupply
10/21/2018 12:26	0:05	KWPII	0.050		Oversupply
10/21/2018 12:28	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:29	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:30	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:31	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:31	0:02	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:32	0:02	BS250	Data is not available	Data is not available	Oversupply
10/21/2018 12:32	0:03	KWPII	0.034	16.823	Oversupply
10/21/2018 12:34	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:34	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:35	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:36	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:37	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:37	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:38	0:01	KS	Data is not available		Oversupply
10/21/2018 12:39	0:01	KS	Data is not available		Oversupply
10/21/2018 12:40	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:40	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:41	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:42	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:43	0:01	KS	Data is not available Data is not available	Data is not available	Oversupply
10/21/2018 12:43	0:01	KS			Oversupply
		KS KS	Data is not available	Data is not available	
10/21/2018 12:44	0:01		Data is not available	Data is not available	Oversupply
10/21/2018 12:45	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 12:46	0:17	BS250	Data is not available	Data is not available	Oversupply
10/21/2018 12:46	0:17	KWPII	1.018		Oversupply
10/21/2018 12:46	0:17	KS	Data is not available	Data is not available	Oversupply
10/21/2018 13:02	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 13:03	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 13:04	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 13:05	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 13:05	0:13	KS	Data is not available	Data is not available	Oversupply
			Data is not available	Data is not available	Oversupply
10/21/2018 13:06		DOZOU			Oversupply
10/21/2018 13:06 10/21/2018 13:06	0:13	BS250 KWPII	0.440	17 266	
10/21/2018 13:06	0:13 0:13	KWPII	0.440 Data is not available		
10/21/2018 13:06 10/21/2018 13:18	0:13 0:13 0:01	KWPII KS	Data is not available	Data is not available	Oversupply
10/21/2018 13:06 10/21/2018 13:18 10/21/2018 13:19	0:13 0:13 0:01 0:01	KWPII KS KS	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/21/2018 13:06 10/21/2018 13:18 10/21/2018 13:19 10/21/2018 13:20	0:13 0:13 0:01 0:01 0:01	KWPII KS KS KS	Data is not available Data is not available Data is not available	Data is not available Data is not available Data is not available	Oversupply Oversupply Oversupply
10/21/2018 13:06 10/21/2018 13:18 10/21/2018 13:19 10/21/2018 13:20 10/21/2018 13:20	0:13 0:13 0:01 0:01 0:01 0:01	KWPII KS KS KS KS	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply
10/21/2018 13:06 10/21/2018 13:18 10/21/2018 13:19 10/21/2018 13:20 10/21/2018 13:20 10/21/2018 13:20	0:13 0:13 0:01 0:01 0:01 0:01 0:01	KWPII KS KS KS KS KS	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/21/2018 13:06 10/21/2018 13:18 10/21/2018 13:19 10/21/2018 13:20 10/21/2018 13:20 10/21/2018 13:21 10/21/2018 13:21	0:13 0:13 0:01 0:01 0:01 0:01 0:01 0:01	KWPII KS KS KS KS KS KS	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/21/2018 13:06 10/21/2018 13:18 10/21/2018 13:19 10/21/2018 13:20 10/21/2018 13:20 10/21/2018 13:20 10/21/2018 13:21 10/21/2018 13:22 10/21/2018 13:23	0:13 0:13 0:01 0:01 0:01 0:01 0:01 0:01	KWPII KS KS KS KS KS KS KS	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/21/2018 13:06 10/21/2018 13:18 10/21/2018 13:19 10/21/2018 13:20 10/21/2018 13:20 10/21/2018 13:21 10/21/2018 13:21	0:13 0:13 0:01 0:01 0:01 0:01 0:01 0:01	KWPII KS KS KS KS KS KS	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply

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Maui Curtailment Report

	D diam	IDD Contailed	Fatire at a d Ourtaille d MANU	De al-MMA Occidents	Decree for Ourtellerent
Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/21/2018 13:24	0:01	KS		Data is not available	Oversupply
10/21/2018 13:25		KS		Data is not available	Oversupply
10/21/2018 13:26		KS		Data is not available	Oversupply
10/21/2018 13:26		KS		Data is not available	Oversupply
10/21/2018 13:27	0:01	KS		Data is not available	Oversupply
10/21/2018 13:28		KS		Data is not available	Oversupply
10/21/2018 13:29		KS	Data is not available	Data is not available	Oversupply
10/21/2018 13:29	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 13:30	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 13:31	0:01	KS	Data is not available	Data is not available	Oversupply
10/21/2018 13:32		KS	1	Data is not available	Oversupply
10/21/2018 13:33		KS	1	Data is not available	Oversupply
10/21/2018 22:58		KWPII	0.071		Oversupply
	0:01	KWPII	0.003		Oversupply
10/21/2018 23:11					
10/21/2018 23:16		KWPII	0.000		Oversupply
10/21/2018 23:26		KWPII	0.004		Oversupply
10/22/2018 1:05		KWPII	0.740		Oversupply
10/22/2018 1:46		KWPII	0.013	19.062	Oversupply
10/22/2018 1:56	0:03	KWPII	0.040	19.160	Oversupply
10/22/2018 2:00	0:01	KWPII	0.013	18.920	Oversupply
10/22/2018 2:02	0:32	KWPII	1.020	18.822	Oversupply
10/22/2018 2:38	0:01	KWPII	0.004	18.860	Oversupply
10/22/2018 2:40		KWPII	0.625		Oversupply
10/22/2018 3:10	0:01	KWPII	0.001		Oversupply
10/22/2018 3:28		KWPII	0.160		Oversupply
			1		Oversupply
10/22/2018 3:38		KWPII	0.003		,
10/22/2018 3:43		KWPII	0.011		Oversupply
10/22/2018 6:17	0:34	SMRR		Data is not available	Oversupply
10/22/2018 6:59		SMRR		Data is not available	Oversupply
10/22/2018 8:38	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 8:39	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 8:44		KS	1	Data is not available	Oversupply
10/22/2018 8:44	0:01	SMRR		Data is not available	Oversupply
10/22/2018 8:44		KS		Data is not available	Oversupply
10/22/2018 8:45		SMRR	1	Data is not available	Oversupply
		KS	1		Oversupply
10/22/2018 8:45				Data is not available	1
10/22/2018 8:45		SMRR	1	Data is not available	Oversupply
10/22/2018 8:46		BS250		Data is not available	Oversupply
10/22/2018 8:46	1:43	KS	Data is not available	Data is not available	Oversupply
10/22/2018 8:46	1:44	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 8:47	3:51	KWPII	50.940	19.211	Facility Requested
10/22/2018 9:42	0:02	AWE	0.026	16.400	Oversupply
10/22/2018 9:49	0:05	AWE	0.121	17.400	Oversupply
10/22/2018 9:55		AWE	0.603		Oversupply
10/22/2018 10:18	0:12	BS250		Data is not available	Oversupply
	0:01	KS			
10/22/2018 10:29				Data is not available	Oversupply
10/22/2018 10:30	0:01	KS	1	Data is not available	Oversupply
10/22/2018 10:30	0:01	SMRR	1	Data is not available	Oversupply
10/22/2018 10:31	1:16	AWE	5.482		System constraint
10/22/2018 10:31	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 10:31	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:31	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 10:32	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:32		KS		Data is not available	Oversupply
10/22/2018 10:32	0:01	SMRR		Data is not available	Oversupply
10/22/2018 10:33		KS		Data is not available	Oversupply
		SMRR			
10/22/2018 10:33				Data is not available	Oversupply
10/22/2018 10:34	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 10:34					
10/22/2018 10:34		SMRR	1	Data is not available	Oversupply
	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 10:35	0:01 0:01	KS SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/22/2018 10:35	0:01 0:01 0:01	KS SMRR KS	Data is not available Data is not available Data is not available	Data is not available	Oversupply
	0:01 0:01 0:01	KS SMRR	Data is not available Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/22/2018 10:35	0:01 0:01 0:01 0:01	KS SMRR KS	Data is not available	Data is not available Data is not available Data is not available	Oversupply Oversupply Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36	0:01 0:01 0:01 0:01 0:01	KS SMRR KS SMRR KS	Data is not available	Data is not available Data is not available Data is not available Data is not available Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36	0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS SMRR KS SMRR KS SMRR	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37	0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS SMRR KS SMRR KS SMRR KS	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS SMRR KS SMRR KS SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS SMRR KS SMRR KS SMRR KS SMRR KS	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS SMRR KS SMRR KS SMRR KS SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:39 10/22/2018 10:39	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:40	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:41 10/22/2018 10:45	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:39 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:44 10/22/2018 10:54 10/22/2018 10:55 10/22/2018 10:55	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:41 10/22/2018 10:55 10/22/2018 10:55	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:55 10/22/2018 10:55 10/22/2018 10:55	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:39 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:55 10/22/2018 10:57 10/22/2018 10:57 10/22/2018 10:57	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:39 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:55 10/22/2018 10:57 10/22/2018 10:57 10/22/2018 10:57 10/22/2018 10:57	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:39 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:55 10/22/2018 10:57 10/22/2018 10:57 10/22/2018 10:57	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:39 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:55 10/22/2018 10:57 10/22/2018 10:57 10/22/2018 10:57 10/22/2018 10:57	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:35 10/22/2018 10:36 10/22/2018 10:36 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:37 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:38 10/22/2018 10:40 10/22/2018 10:40 10/22/2018 10:41 10/22/2018 10:55 10/22/2018 10:57 10/22/2018 10:57 10/22/2018 10:57 10/22/2018 10:57 10/22/2018 10:57	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR SMRR	Data is not available	Data is not available	Oversupply

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Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/22/2018 11:00	0:02	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:00	0:01	KS KS	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/22/2018 11:01 10/22/2018 11:01	0:01 0:02	SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply
10/22/2018 11:01	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:02	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:03	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:03	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:04	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:04	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:04	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:04 10/22/2018 11:05	0:01 0:01	KS SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/22/2018 11:05	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:06	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:06	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:07	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:07	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:07	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:07	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:08	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:08	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:09 10/22/2018 11:09	0:01 0:01	SMRR KS	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/22/2018 11:10	0:01	SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply
10/22/2018 11:10	0:02	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:11	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:11	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:11	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:12	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:12	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:13	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:13	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:14	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:14	0:13	BS250	Data is not available	Data is not available	Oversupply Oversupply
10/22/2018 11:14 10/22/2018 11:14	0:13 0:12	KS SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply
10/22/2018 11:14	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:26	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:27	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:27	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:28	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:28	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:29	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:29	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:29	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:30	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:30 10/22/2018 11:30	0:01 0:01	KS SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/22/2018 11:31	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:32	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:32	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:33	0:02	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:34	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:35	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:36	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:36	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:36	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:37	0:02	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:37 10/22/2018 11:38	0:01 0:01	SMRR BS250	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/22/2018 11:38	0:01	SMRR	Data is not available	Data is not available Data is not available	Oversupply
10/22/2018 11:39	0:01	SMRR	Data is not available Data is not available	Data is not available	Oversupply
10/22/2018 11:39	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:39	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:46	0:11	BS250	Data is not available	Data is not available	Oversupply
10/22/2018 11:46	0:11	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:46	0:11	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:56	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 11:57	0:04	AWE	0.037		System constraint
10/22/2018 11:57	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:57 10/22/2018 11:58	0:01 0:01	KS SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/22/2018 11:58	0:01	KS	Data is not available	Data is not available Data is not available	Oversupply
10/22/2018 11:59	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 11:59	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 12:00	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 12:03	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 12:04	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 12:04	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 12:05	0:21	AWE	0.736		System constraint
10/22/2018 12:27	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 12:29	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 12:30	0:01	KS	Data is not available	Data is not available	Oversupply
10/22/2018 12:30	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/22/2018 12:48	0:01	KS	Data is not available	Data is not available	Oversupply

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Maui Curtailment Report

	Start Data and Time	Duration	IDD Custoiled	Fetimeted Custoiled MANUL	Deal MM Custoiled	December Custoilment
	Start Date and Time 10/22/2018 12:48	0:01	IPP Curtailed SMRR	Estimated Curtailed MWH Data is not available	Peak MW Curtailed Data is not available	Reasons for Curtailment Oversupply
	10/22/2018 12:48	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 12:49		SMRR		Data is not available	Oversupply
	10/22/2018 12:49		KS	Data is not available	Data is not available	Oversupply
	10/22/2018 12:50	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 12:50	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 12:51	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 12:51	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 12:51	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 12:52	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 12:52	0:01	KS	Data is not available -	Data is not available	Oversupply
	10/22/2018 12:53	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 12:55	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 12:56	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 12:57	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 12:57	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:02	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 13:04	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 13:04	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:05	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 13:05	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:06	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 13:06	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:07	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 13:07	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:07	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 13:07	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:08	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 13:08	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:09	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:10	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:46	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:46	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 13:46		SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:49	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 13:50	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:50	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 13:51	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:52	0:01	KS	Data is not available	Data is not available	Oversupply
	10/22/2018 13:52	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:53	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/22/2018 13:54	0:41	KWPII	6.789		Facility Requested
	10/22/2018 14:37	0:53	KWPII	5.791		Facility Requested
	10/22/2018 22:49	0:36	KWPII	1.398		Oversupply
	10/22/2018 23:29	0:13	KWPII	0.714		Oversupply
	10/22/2018 23:44	0:22	KWPII	1.025		Oversupply
	10/23/2018 0:07	0:01	KWPII	0.001		Oversupply
	10/23/2018 0:16	0:01	KWPII	0.000		Oversupply
	10/23/2018 0:22	4:28	KWPII	38.510		Oversupply
	10/23/2018 4:55	0:11	KWPII	0.310		Oversupply
	10/23/2018 7:50	0:25	BS250	Data is not available	Data is not available	Oversupply
	10/23/2018 7:50	2:33	KWPII	15.003		Facility Requested
	10/23/2018 7:50	0:24	KS	Data is not available	Data is not available	Oversupply
	10/23/2018 7:50	0:24	SMRR	Data is not available	Data is not available	Oversupply
	10/23/2018 8:16	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/23/2018 8:17	0:01	KS	Data is not available	Data is not available	Oversupply
	10/23/2018 8:17	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/23/2018 8:18	0:01	KS	Data is not available	Data is not available	Oversupply
	10/23/2018 8:18	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/23/2018 8:19	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/23/2018 8:20	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/23/2018 8:21	0:10	AWE	0.554		Oversupply
	10/23/2018 8:30	1:04	BS250	Data is not available	Data is not available	Oversupply
	10/23/2018 8:30	1:03	KS	Data is not available	Data is not available	Oversupply
	10/23/2018 8:30	1:03	SMRR	Data is not available	Data is not available	Oversupply
	10/23/2018 9:28		AWE	3.361		Oversupply
	10/23/2018 9:33	0:01	KS	Data is not available	Data is not available	Oversupply
	10/23/2018 9:34	0:01	KS		Data is not available	Oversupply
	10/23/2018 9:34		SMRR		Data is not available	Oversupply
	10/23/2018 9:34	0:01	KS		Data is not available	Oversupply
	10/23/2018 9:35	0:01	SMRR	Data is not available	Data is not available	Oversupply
	10/23/2018 9:35	0:01	SMRR		Data is not available	Oversupply
	10/23/2018 9:36	0:01	KS	Data is not available	Data is not available	Oversupply
	10/23/2018 9:36		SMRR	Data is not available	Data is not available	Oversupply
	10/23/2018 9:48		KS	Data is not available	Data is not available	Oversupply
	10/23/2018 10:05		BS250	Data is not available	Data is not available	Oversupply
			KS	Data is not available	Data is not available	Oversupply
1	10/23/2018 10:05		SMRR	Data is not available	Data is not available	Oversupply
	10/23/2018 10:05 10/23/2018 10:05					Oversupply
	10/23/2018 10:05	0:16		0.205	20 100	
	10/23/2018 10:05 10/23/2018 10:18	0:16 0:04	AWE	0.205 Data is not available		1
	10/23/2018 10:05 10/23/2018 10:18 10/23/2018 10:21	0:16 0:04 0:01	AWE SMRR	Data is not available	Data is not available	Oversupply
	10/23/2018 10:05 10/23/2018 10:18 10/23/2018 10:21 10/23/2018 10:22	0:16 0:04 0:01 0:01	AWE SMRR KS	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
	10/23/2018 10:05 10/23/2018 10:18 10/23/2018 10:21 10/23/2018 10:22 10/23/2018 10:22	0:16 0:04 0:01 0:01 0:01	AWE SMRR KS SMRR	Data is not available Data is not available Data is not available	Data is not available Data is not available Data is not available	Oversupply Oversupply Oversupply
	10/23/2018 10:05 10/23/2018 10:18 10/23/2018 10:21 10/23/2018 10:22 10/23/2018 10:22 10/23/2018 10:23	0:16 0:04 0:01 0:01 0:01 0:01	AWE SMRR KS SMRR KS	Data is not available	Data is not available Data is not available Data is not available Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply
	10/23/2018 10:05 10/23/2018 10:18 10/23/2018 10:21 10/23/2018 10:22 10/23/2018 10:22	0:16 0:04 0:01 0:01 0:01 0:01	AWE SMRR KS SMRR	Data is not available Data is not available Data is not available	Data is not available Data is not available Data is not available	Oversupply Oversupply Oversupply

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Elecuic					
Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/23/2018 10:24	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 10:24	0:52	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 10:25	0:52	KWPII	4.398		Oversupply
10/23/2018 11:15	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 11:16	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 11:16	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 11:17	0:37	BS250	Data is not available	Data is not available	Oversupply
10/23/2018 11:17	0:37	KS	Data is not available	Data is not available	Oversupply
10/23/2018 11:17	0:37	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 11:18	0:37	KWPII	1.241	15.389	Oversupply
10/23/2018 11:54	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 11:55	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 11:55	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 11:55	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 11:55	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 11:56	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 11:56	0:05	KS		Data is not available	Oversupply
10/23/2018 11:57	0:04	BS250	Data is not available	Data is not available	Oversupply
10/23/2018 11:57	0:05	KWPII	0.066		Oversupply
10/23/2018 11:57	0:05	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:01	0:01	KS		Data is not available	Oversupply
10/23/2018 12:01	0:01	SMRR		Data is not available	Oversupply
10/23/2018 12:02	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:02	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:02	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:03	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:03	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:04	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:04	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:05	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:05	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:05	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:05	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:06	0:02	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:06	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:07	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:08	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:08	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:08	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:11	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:11	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:11	0:01	SMRR		Data is not available	Oversupply
10/23/2018 12:12	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:13	0:01	KS		Data is not available	Oversupply
10/23/2018 12:13	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:14	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:14	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:14	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:14	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:15	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:15	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:16	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:16	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:17	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:17	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:17	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:17	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:18	0:01	BS250	Data is not available	Data is not available	Oversupply
10/23/2018 12:18	0:01	KS		Data is not available	Oversupply
10/23/2018 12:18	0:01	SMRR		Data is not available	Oversupply
10/23/2018 12:19	0:01	KS		Data is not available Data is not available	Oversupply
10/23/2018 12:19	0:01	SMRR			
			Data is not available	Data is not available	Oversupply
10/23/2018 12:20	0:02	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:20	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:21	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:21	0:05	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:21	0:01	SMRR		Data is not available	Oversupply
10/23/2018 12:22	0:04	BS250	Data is not available	Data is not available	Oversupply
10/23/2018 12:22	0:05	KWPII	0.075		Oversupply
10/23/2018 12:22	0:15	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:26	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:26	0:07	KS		Data is not available	Oversupply
10/23/2018 12:27	0:09	BS250	Data is not available	Data is not available	Oversupply
10/23/2018 12:28	0:06	KWPII	0.107		Oversupply
10/23/2018 12:33	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:34	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:35	0:02	KWPII	0.006		Oversupply
10/23/2018 12:35	0:02				Oversupply
		KS	Data is not available	Data is not available	
10/23/2018 12:35	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:36	0:01	KS		Data is not available	Oversupply
10/23/2018 12:37	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:37	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:37	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:38	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:38	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:38	0:01	KS	Data is not available	Data is not available	Oversupply
					

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Maui Curtailment Report

Otant Data and Time	Describer	IDD Ourtelled	Fatire at a d Ocean all a d MANUL	Deal MW Ourtelled	December 1 Contains and
Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/23/2018 12:39	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:39	0:03	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:40		BS250	Data is not available	Data is not available	Oversupply
10/23/2018 12:40	0:03	KWPII	0.053		Oversupply
10/23/2018 12:40	0:03	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:42	0:01 0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:43		SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:43	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:43	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:44	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:44	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:44	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:45	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:45	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:46		SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:46		KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:47	0:01	BS250	Data is not available	Data is not available	Oversupply
10/23/2018 12:47	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:47	0:01	KWPII	0.010		Oversupply
10/23/2018 12:47	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:47	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:47	0:01	KS		Data is not available	Oversupply
10/23/2018 12:48	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:48	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:49	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:49	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:50	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:50	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:50	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:51	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:53	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:53	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:53	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:54	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:55	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:56	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 12:58	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 12:59	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:00	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:01	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 13:02	0:01	KS	1	Data is not available	Oversupply
10/23/2018 13:02	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:03	0:01	SMRR	1	Data is not available	Oversupply
10/23/2018 13:03	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 13:03	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:04	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:05	0:01	KS	1	Data is not available	Oversupply
10/23/2018 13:05	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:06	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 13:06	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:06	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 13:06	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:07	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 13:07	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:08	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 13:08	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:09	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:09	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 13:09	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:10	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:11	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:15		KS	Data is not available	Data is not available	Oversupply
10/23/2018 13:16	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:16	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 13:16		SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:17	0:01	KS		Data is not available	Oversupply
10/23/2018 13:17	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:18		KS		Data is not available	Oversupply
10/23/2018 13:18		SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:18	0:01	KS		Data is not available	Oversupply
10/23/2018 13:19	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:19	0:01	KS		Data is not available	Oversupply
10/23/2018 13:19	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:20	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 13:20	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:21	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 13:21	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:21	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 13:22	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:22		KS	Data is not available	Data is not available	Oversupply
10/23/2018 13:22	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/23/2018 13:23	0:01	KS	Data is not available	Data is not available	Oversupply
10/23/2018 13:23	0:01	SMRR	Data is not available	Data is not available	Oversupply
				Date to and assetted t	Output and the second of the s
10/23/2018 13:24	0:01	KS	Data is not available	Data is not available	Oversupply
				Data is not available Data is not available Data is not available	Oversupply Oversupply Oversupply

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10/23/2018 13:25	Duration 0:01	IPP Curtailed SMRR	Estimated Curtailed MWH Data is not available	Peak MW Curtailed Data is not available	Reasons for Curtailme Oversupply
10/23/2018 13:25	0:01	SMRR		Data is not available Data is not available	Oversupply
10/23/2018 13:26	0:01	KS		Data is not available Data is not available	Oversupply
10/23/2018 13:26	0:01	SMRR		Data is not available	Oversupply
10/23/2018 13:33	0:01	SMRR		Data is not available	Oversupply
10/23/2018 13:33	0:01	KS		Data is not available	Oversupply
10/23/2018 13:34	0:01	SMRR		Data is not available	Oversupply
10/23/2018 15:41	0:01	KS		Data is not available	Oversupply
10/23/2018 15:42	0:01	SMRR		Data is not available	Oversupply
10/23/2018 15:42	0:02	KS		Data is not available	Oversupply
10/23/2018 15:43	0:01	SMRR		Data is not available	Oversupply
10/23/2018 15:44		SMRR		Data is not available Data is not available	Oversupply
10/23/2018 15:44	0:01	KS		Data is not available	Oversupply
10/23/2018 15:44	0:01	SMRR		Data is not available	Oversupply
10/23/2018 15:45	0:01	BS250		Data is not available	Oversupply
10/23/2018 15:45	0:01	KS		Data is not available	Oversupply
10/23/2018 15:45	0:01	SMRR		Data is not available	Oversupply
10/23/2018 15:45	0:01	KS		Data is not available	Oversupply
10/23/2018 15:46	0:01	KWPII	0.006		Oversupply
10/23/2018 15:46		SMRR		Data is not available	Oversupply
10/23/2018 15:47	0:01	KS		Data is not available	Oversupply
10/23/2018 15:47	0:02	SMRR		Data is not available	Oversupply
10/23/2018 23:03	0:28	KWPII	1.111		Oversupply
10/24/2018 0:16		KWPII	0.001		Oversupply
10/24/2018 0:19	4:13	KWPII	28.277		Oversupply
10/24/2018 4:45	0:06	KWPII	0.069		Oversupply
10/24/2018 5:07	0:03	KWPII	0.021		Oversupply
10/24/2018 8:30	0:43	KWPII	5.235		Facility Requested
10/24/2018 9:14	3:00	KWPII	19.816	19.195	Facility Requested
10/24/2018 9:34	0:01	KS	Data is not available	Data is not available	Oversupply
10/24/2018 9:35	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/24/2018 9:36	0:01	KS	Data is not available	Data is not available	Oversupply
10/24/2018 9:37	0:01	KS	Data is not available	Data is not available	Oversupply
10/24/2018 9:38	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:40	0:01	KS		Data is not available	Oversupply
10/24/2018 9:40	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:40	0:01	KS		Data is not available	Oversupply
10/24/2018 9:41	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:41	0:01	KS		Data is not available	Oversupply
10/24/2018 9:41	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:42	0:01	KS		Data is not available	Oversupply
10/24/2018 9:42	0:02	SMRR		Data is not available	Oversupply
10/24/2018 9:44	0:01	KS		Data is not available	Oversupply
10/24/2018 9:44	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:47	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:47	0:01	KS		Data is not available Data is not available	Oversupply Oversupply
10/24/2018 9:47	0:01 0:01	SMRR			
10/24/2018 9:48		SMRR		Data is not available	Oversupply
10/24/2018 9:49	0:01	KS		Data is not available	Oversupply
10/24/2018 9:49	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:49	0:01	KS		Data is not available	Oversupply
10/24/2018 9:50	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:50	0:01	KS		Data is not available	Oversupply
10/24/2018 9:50	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:51	0:01	KS		Data is not available	Oversupply
10/24/2018 9:51	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:52	0:01	KS		Data is not available	Oversupply
10/24/2018 9:52		SMRR		Data is not available	Oversupply
10/24/2018 9:52	0:01	KS		Data is not available	Oversupply
10/24/2018 9:53	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:53	0:01	KS		Data is not available	Oversupply
10/24/2018 9:54	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:54	0:01	KS		Data is not available	Oversupply
10/24/2018 9:54	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/24/2018 9:55	0:01	KS	Data is not available	Data is not available	Oversupply
10/24/2018 9:55	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/24/2018 9:55		KS		Data is not available	Oversupply
10/24/2018 9:56	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:56		KS		Data is not available	Oversupply
10/24/2018 9:57	0:01	KS		Data is not available	Oversupply
10/24/2018 9:57	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:58	0:01	KS		Data is not available	Oversupply
10/24/2018 9:58	0:01	SMRR		Data is not available	Oversupply
10/24/2018 9:58		KS		Data is not available Data is not available	Oversupply
10/24/2018 9:59	0:01	SMRR		Data is not available Data is not available	
	0:01	KS			Oversupply
10/24/2018 9:59				Data is not available	Oversupply
10/24/2018 10:00	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:00	0:01	KS		Data is not available	Oversupply
10/24/2018 10:00	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:01	0:01	KS		Data is not available	Oversupply
10/24/2018 10:01	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:01	0:01	KS		Data is not available	Oversupply
10/24/2018 10:02	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/24/2018 10:02		KS		Data is not available	Oversupply
	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/24/2018 10:03	0.0.1				

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0: 10: 17	- · ·	100 0	5	5 1 1 1 1 1	
Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/24/2018 10:03	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:04	0:01	KS		Data is not available	Oversupply
10/24/2018 10:04	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:04	0:01	KS		Data is not available	Oversupply
10/24/2018 10:05	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:05	0:01	KS		Data is not available	Oversupply
10/24/2018 10:06	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:06	0:01	KS		Data is not available	Oversupply
10/24/2018 10:07	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:07	0:01	KS		Data is not available	Oversupply
10/24/2018 10:07	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:07	0:01	KS		Data is not available	Oversupply
10/24/2018 10:08	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:08	0:01	KS		Data is not available	Oversupply
10/24/2018 10:09	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:09	0:01	KS		Data is not available	Oversupply
10/24/2018 10:10	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:10	0:01	KS		Data is not available	Oversupply
10/24/2018 10:10	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:10	0:01	KS		Data is not available	Oversupply
10/24/2018 10:11	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:12	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/24/2018 10:12	0:02	KS	Data is not available	Data is not available	Oversupply
10/24/2018 10:13	0:01	SMRR		Data is not available	Oversupply
10/24/2018 10:13	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/24/2018 10:23	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/24/2018 10:49	0:01	KS	Data is not available	Data is not available	Oversupply
10/24/2018 10:49	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/24/2018 13:28	0:01	KWPII	0.000	0.002	Oversupply
10/25/2018 1:22	0:10	KWPII	0.296	17.492	Oversupply
10/25/2018 1:33	1:11	KWPII	6.379	17.685	Oversupply
10/25/2018 2:45	1:11	KWPII	3.961	17.710	Oversupply
10/25/2018 3:59	0:07	KWPII	0.105		Oversupply
10/25/2018 4:08		KWPII	0.003		Oversupply
10/25/2018 4:12	0:06	KWPII	0.097	17.668	Oversupply
10/25/2018 4:22	0:44	KWPII	2.045		Oversupply
10/25/2018 9:58	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 9:59	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:02	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:02	0:01	KS		Data is not available	Oversupply
10/25/2018 10:03	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:03	0:01	KS		Data is not available	Oversupply
10/25/2018 10:04	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:04	0:01	KS		Data is not available	Oversupply
10/25/2018 10:05	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:05	0:01	KS		Data is not available	Oversupply
10/25/2018 10:05	0:02	KS		Data is not available	Oversupply
10/25/2018 10:05	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:06	0:02	BS250		Data is not available	Oversupply
10/25/2018 10:06	0:02	SMRR		Data is not available	Oversupply
10/25/2018 10:07	0:01	KWPII	0.004		Oversupply
				Data is not available	Oversupply
10/25/2018 10:08	0:01	KS			
10/25/2018 10:08	0:01	KS		Data is not available	Oversupply
10/25/2018 10:09	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:09	0:01	KS		Data is not available	Oversupply
10/25/2018 10:09	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:10	0:03	KS		Data is not available	Oversupply
10/20/2010 10:10	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 10:11	0:02	BS250		Data is not available	Oversupply
10/25/2018 10:11	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:12	0:02	KWPII	0.011		Oversupply
10/25/2018 10:12	0:02	SMRR		Data is not available	Oversupply
10/25/2018 10:13	0:01	KS		Data is not available	Oversupply
10/25/2018 10:13	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:14	0:01	KS		Data is not available	Oversupply
10/25/2018 10:14	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:15	0:01	KS		Data is not available	Oversupply
10/25/2018 10:15	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:15		KS		Data is not available	Oversupply
10/25/2018 10:15	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:16		SMRR		Data is not available	Oversupply
10/25/2018 10:17	0:01	KS		Data is not available	Oversupply
10/25/2018 10:17	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:49	0:01	KS		Data is not available	Oversupply
10/25/2018 10:50	0:01	SMRR		Data is not available	Oversupply
10/25/2018 10:50	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 10:50	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 10:51	0:01	KS	Data is not available	Data is not available	Oversupply
	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 10:51		SMRR		Data is not available	Oversupply
10/25/2018 10:51 10/25/2018 10:52	0:01				Oversupply
	0:01 0:01	SMRR	Data is not available	Data is not available	
10/25/2018 10:52		SMRR SMRR		Data is not available	
10/25/2018 10:52 10/25/2018 10:53 10/25/2018 10:54	0:01 0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 10:52 10/25/2018 10:53 10/25/2018 10:54 10/25/2018 10:54	0:01 0:01 0:01	SMRR KS	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/25/2018 10:52 10/25/2018 10:53 10/25/2018 10:54	0:01 0:01	SMRR	Data is not available Data is not available Data is not available	Data is not available	Oversupply

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Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/25/2018 10:55	0:01	KS KS	Data is not available	Data is not available	Oversupply
10/25/2018 10:56	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 10:56		KS		Data is not available	Oversupply
10/25/2018 10:57	0:01	SMRR	Data is not available Data is not available	Data is not available	Oversupply
10/25/2018 10:57	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 10:57	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 10:57	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 10:58	0:02	BS250	Data is not available	Data is not available	Oversupply
10/25/2018 10:58	0:02	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 10:58	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 10:59	0:01	KWPII	0.013		Oversupply
10/25/2018 10:59	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 11:00	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 11:00	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 11:00	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 11:00	0:01	KS		Data is not available	Oversupply
10/25/2018 11:01	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 11:01	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 11:02	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 11:02	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 11:03	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 11:03	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 11:03	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 11:04	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 11:04	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 11:05	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 11:05	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 11:06	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 11:07	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 11:07	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 11:08	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 11:08	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 11:09	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 13:18	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 13:19	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 13:19	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 13:20	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 13:20	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 13:21	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 13:21	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 13:21	0:01	KS	Data is not available	Data is not available	Oversupply
10/25/2018 13:22	0:06	BS250	Data is not available	Data is not available	Oversupply
10/25/2018 13:22	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 13:22	0:02	KS	Data is not available	Data is not available	Oversupply
10/25/2018 13:23	0:02	KWPII	0.030	17.014	Oversupply
10/25/2018 13:23	0:02	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 13:25	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 13:25	0:03	KS	Data is not available	Data is not available	Oversupply
10/25/2018 13:26	0:03	KWPII	0.017	17.018	Oversupply
10/25/2018 13:26	0:03	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 13:29	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/25/2018 16:23	0:22	KWPII	1.264	17.714	System constraint
10/25/2018 16:59	0:24	KWPII	0.553	17.714	System constraint
10/25/2018 17:46	0:04	KWPII	0.222	19.159	Facility Requested
10/25/2018 23:37	0:02	KWPII	0.004	19.060	Oversupply
10/25/2018 23:43	0:19	KWPII	0.492		Oversupply
10/26/2018 0:03	0:03	KWPII	0.033		Oversupply
10/26/2018 0:07	0:09	KWPII	0.186		Oversupply
10/26/2018 1:58		KWPII	0.041		Oversupply
10/26/2018 2:30	0:54	KWPII	4.313		Oversupply
10/26/2018 3:44	0:55	KWPII	2.390		Oversupply
10/26/2018 7:57	0:01	AWE	0.005		Oversupply
10/26/2018 9:53	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 9:53	0:01	KS	Data is not available	Data is not available	Oversupply
10/26/2018 9:54	0:01	BS250	Data is not available	Data is not available	Oversupply
10/26/2018 9:54	0:02	KWPII	0.012		Oversupply
10/26/2018 9:54	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 9:54	0:01	SMRR		Data is not available	Oversupply
10/26/2018 9:54	0:01	KS		Data is not available	Oversupply
10/26/2018 9:55	0:01	SMRR		Data is not available	Oversupply
10/26/2018 9:55	0:01	KS	Data is not available	Data is not available	Oversupply
10/26/2018 9:56	0:01	SMRR KS		Data is not available	Oversupply
			Data is not available	Data is not available Data is not available	Oversupply
10/26/2018 9:57	0:01			u ara is nor avallable	Oversupply
10/26/2018 9:57	0:01 0:01	SMRR	Data is not available		Overgupply
10/26/2018 9:57 10/26/2018 9:57	0:01 0:01 0:01	SMRR KS	Data is not available	Data is not available	Oversupply
10/26/2018 9:57 10/26/2018 9:57 10/26/2018 9:58	0:01 0:01 0:01 0:01	SMRR KS SMRR	Data is not available Data is not available	Data is not available Data is not available	Oversupply
10/26/2018 9:57 10/26/2018 9:57 10/26/2018 9:58 10/26/2018 9:58	0:01 0:01 0:01 0:01 0:01	SMRR KS SMRR KS	Data is not available Data is not available Data is not available	Data is not available Data is not available Data is not available	Oversupply Oversupply
10/26/2018 9:57 10/26/2018 9:57 10/26/2018 9:58 10/26/2018 9:58 10/26/2018 9:59	0:01 0:01 0:01 0:01 0:01 0:01	SMRR KS SMRR KS SMRR	Data is not available	Data is not available	Oversupply Oversupply Oversupply
10/26/2018 9:57 10/26/2018 9:57 10/26/2018 9:58 10/26/2018 9:58 10/26/2018 9:59 10/26/2018 9:59	0:01 0:01 0:01 0:01 0:01 0:01 0:01	SMRR KS SMRR KS SMRR KS SMRR	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply
10/26/2018 9:57 10/26/2018 9:57 10/26/2018 9:58 10/26/2018 9:58 10/26/2018 9:59 10/26/2018 9:59 10/26/2018 10:00	0:01 0:01 0:01 0:01 0:01 0:01 0:01	SMRR KS SMRR KS SMRR KS SMRR KS KS	Data is not available 0.004	Data is not available 15.770	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/26/2018 9:57 10/26/2018 9:57 10/26/2018 9:58 10/26/2018 9:58 10/26/2018 9:59 10/26/2018 9:59 10/26/2018 10:00 10/26/2018 10:00	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	SMRR KS SMRR KS SMRR KS SMRR KS SMRR SMRR	Data is not available 0.004 Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/26/2018 9:57 10/26/2018 9:57 10/26/2018 9:58 10/26/2018 9:58 10/26/2018 9:59 10/26/2018 9:59 10/26/2018 10:00 10/26/2018 10:00	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	SMRR KS SMRR KS SMRR KS SMRR KS SMRR SMRR	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/26/2018 9:57 10/26/2018 9:57 10/26/2018 9:58 10/26/2018 9:58 10/26/2018 9:59 10/26/2018 9:59 10/26/2018 10:00 10/26/2018 10:00 10/26/2018 10:00 10/26/2018 10:00	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	SMRR KS SMRR KS SMRR KS SMRR KS KWPII SMRR SMRR SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 9:57 10/26/2018 9:57 10/26/2018 9:58 10/26/2018 9:58 10/26/2018 9:59 10/26/2018 9:59 10/26/2018 10:00 10/26/2018 10:00 10/26/2018 10:00 10/26/2018 10:00 10/26/2018 10:00	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	SMRR KS SMRR KS SMRR KS SMRR KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 9:57 10/26/2018 9:57 10/26/2018 9:58 10/26/2018 9:58 10/26/2018 9:59 10/26/2018 9:59 10/26/2018 10:00 10/26/2018 10:00 10/26/2018 10:00 10/26/2018 10:00	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	SMRR KS SMRR KS SMRR KS SMRR KS KWPII SMRR SMRR SMRR	Data is not available	Data is not available	Oversupply

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Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/26/2018 10:16	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 10:38	0:01	KS	Data is not available	Data is not available	Oversupply
10/26/2018 10:39	0:01	KS KS		Data is not available	Oversupply
10/26/2018 10:39	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 10:40	0:01	KS	Data is not available	Data is not available	Oversupply
10/26/2018 10:40	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 10:41	0:01	KS	Data is not available	Data is not available	Oversupply
10/26/2018 10:42	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 10:44	0:01	KS	Data is not available	Data is not available	Oversupply
10/26/2018 10:45	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 10:47	0:01	KS	Data is not available -	Data is not available	Oversupply
10/26/2018 10:48	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 10:48	0:01	KS	Data is not available	Data is not available	Oversupply
10/26/2018 10:49	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 10:49	0:01	KS	Data is not available	Data is not available	Oversupply
10/26/2018 10:49	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 10:49	0:01	KS		Data is not available	Oversupply
10/26/2018 10:50	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 10:50	0:01	KS		Data is not available	Oversupply
10/26/2018 10:51	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 10:51	0:01	KS		Data is not available	Oversupply
	0:01	SMRR			
10/26/2018 10:52				Data is not available	Oversupply
10/26/2018 10:52	0:01	KS	Data is not available	Data is not available	Oversupply
10/26/2018 10:52	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 10:53	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 10:53	0:01	KS	Data is not available	Data is not available	Oversupply
10/26/2018 10:54	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 11:25	0:01	KS	Data is not available	Data is not available	Oversupply
10/26/2018 11:26	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 11:26		KS	Data is not available	Data is not available	Oversupply
10/26/2018 11:27	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 11:28	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 11:31	0:01	KS	Data is not available	Data is not available	Oversupply
10/26/2018 14:56	0:01	KS		Data is not available	Oversupply
10/26/2018 14:57	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/26/2018 22:52	0:08	KWPII	0.053		Oversupply
10/26/2018 23:53	0:01	KWPII	0.001		Oversupply
10/27/2018 0:08	0:17	KWPII	0.309		Oversupply
10/27/2018 0:26	1:10	KWPII	5.831		Oversupply
10/27/2018 1:37	0:12	KWPII	0.274		Oversupply
10/27/2018 1:54	0:05	KWPII	0.060		Oversupply
10/27/2018 2:05	0:10	KWPII	0.289		Oversupply
10/27/2018 2:26	0:09	KWPII	0.175		Oversupply
10/27/2018 2:41	0:11	KWPII	0.364	16.217	Oversupply
10/27/2018 3:19	1:50	KWPII	7.083		Oversupply
10/27/2018 5:15	0:01	KWPII	0.002	16.174	Oversupply
10/27/2018 5:17	0:01	KWPII	0.004	16.139	Oversupply
	0.01		Data is not available	Data is not available	Oversupply
10/27/2018 7:55	0:01	SMRR	Data is not available		
		SMRR KS	Data is not available Data is not available	Data is not available	
10/27/2018 7:55 10/27/2018 7:55	0:01 0:01	KS	Data is not available		Oversupply
10/27/2018 7:55 10/27/2018 7:55 10/27/2018 7:56	0:01 0:01 0:01	KS SMRR	Data is not available Data is not available	Data is not available	Oversupply Oversupply
10/27/2018 7:55 10/27/2018 7:55 10/27/2018 7:56 10/27/2018 8:07	0:01 0:01 0:01 0:01	KS SMRR KS	Data is not available Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply Oversupply
10/27/2018 7:55 10/27/2018 7:55 10/27/2018 7:56 10/27/2018 8:07 10/27/2018 8:07	0:01 0:01 0:01 0:01 0:01	KS SMRR KS KS	Data is not available Data is not available Data is not available Data is not available	Data is not available Data is not available Data is not available	Oversupply Oversupply Oversupply Oversupply
10/27/2018 7:55 10/27/2018 7:55 10/27/2018 7:56 10/27/2018 8:07 10/27/2018 8:07 10/27/2018 8:08	0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS KS SMRR	Data is not available	Data is not available Data is not available Data is not available Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/27/2018 7:55 10/27/2018 7:55 10/27/2018 7:56 10/27/2018 8:07 10/27/2018 8:07 10/27/2018 8:08 10/27/2018 8:08	0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS KS SMRR KS	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/27/2018 7:55 10/27/2018 7:55 10/27/2018 7:56 10/27/2018 8:07 10/27/2018 8:07 10/27/2018 8:08 10/27/2018 8:08	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS KS SMRR KS SMRR	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/27/2018 7:55 10/27/2018 7:55 10/27/2018 7:56 10/27/2018 8:07 10/27/2018 8:07 10/27/2018 8:08 10/27/2018 8:08 10/27/2018 8:08	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS KS SMRR KS SMRR KS SMRR BS250	Data is not available	Data is not available	Oversupply
10/27/2018 7:55 10/27/2018 7:55 10/27/2018 7:55 10/27/2018 8:07 10/27/2018 8:08 10/27/2018 8:08 10/27/2018 8:08 10/27/2018 8:08 10/27/2018 8:09 10/27/2018 8:09	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS KS SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 7:55 10/27/2018 7:55 10/27/2018 7:55 10/27/2018 8:07 10/27/2018 8:07 10/27/2018 8:08 10/27/2018 8:08 10/27/2018 8:08 10/27/2018 8:09 10/27/2018 8:09	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS KS SMRR KS SMRR KS SMRR KS SMRR BS250 KS	Data is not available	Data is not available	Oversupply
10/27/2018 7:55 10/27/2018 7:55 10/27/2018 7:56 10/27/2018 8:07 10/27/2018 8:07 10/27/2018 8:08 10/27/2018 8:08 10/27/2018 8:09 10/27/2018 8:09 10/27/2018 8:09 10/27/2018 8:09	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS KS SMRR KS SMRR KS SMRR BS250 KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 7:55 10/27/2018 7:55 10/27/2018 7:56 10/27/2018 8:07 10/27/2018 8:07 10/27/2018 8:08 10/27/2018 8:08 10/27/2018 8:08 10/27/2018 8:09 10/27/2018 8:09 10/27/2018 8:09 10/27/2018 8:09 10/27/2018 8:09	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:04 0:04	KS SMRR KS KS SMRR KS SMRR KS SMRR BS250 KS SMRR SMRR	Data is not available	Data is not available	Oversupply
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10/27/2018 7:55 10/27/2018 7:55 10/27/2018 7:56 10/27/2018 8:07 10/27/2018 8:07 10/27/2018 8:07 10/27/2018 8:08 10/27/2018 8:08 10/27/2018 8:08 10/27/2018 8:09 10/27/2018 8:09 10/27/2018 8:09 10/27/2018 8:09 10/27/2018 8:09 10/27/2018 8:10 10/27/2018 8:13 10/27/2018 8:13 10/27/2018 8:13 10/27/2018 8:14 10/27/2018 8:14 10/27/2018 8:14 10/27/2018 8:14 10/27/2018 8:15 10/27/2018 8:17 10/27/2018 8:27 10/27/2018 8:27 10/27/2018 8:29 10/27/2018 8:29 10/27/2018 8:29 10/27/2018 8:29 10/27/2018 8:29 10/27/2018 8:30 10/27/2018 8:40 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:56 10/27/2018 8:56 10/27/2018 8:56	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS KS SMRR KS SMRR KS SMRR BS250 KS SMRR SMRR KWPII KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 7:55 10/27/2018 7:55 10/27/2018 7:56 10/27/2018 8:07 10/27/2018 8:07 10/27/2018 8:07 10/27/2018 8:08 10/27/2018 8:08 10/27/2018 8:09 10/27/2018 8:09 10/27/2018 8:09 10/27/2018 8:09 10/27/2018 8:09 10/27/2018 8:10 10/27/2018 8:11 10/27/2018 8:11 10/27/2018 8:13 10/27/2018 8:14 10/27/2018 8:14 10/27/2018 8:14 10/27/2018 8:15 10/27/2018 8:14 10/27/2018 8:14 10/27/2018 8:15 10/27/2018 8:16 10/27/2018 8:28 10/27/2018 8:28 10/27/2018 8:28 10/27/2018 8:30 10/27/2018 8:30 10/27/2018 8:40 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:50 10/27/2018 8:50	0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS SMRR KS KS SMRR KS SMRR KS SMRR BS250 KS SMRR SMRR SMRR KWPII KS SMRR BS250 KWPII KS SMRR BS250 KWPII KS SMRR BS250 KWPII KS SMRR KS SMRR KS SMRR KS SMRR KS SMRR SMRR	Data is not available	Data is not available	Oversupply

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Maui Curtailment Report

Start Date and Time					
	Duration	IPP Curtailed	Estimated Curtailed MWH	Peak MW Curtailed	Reasons for Curtailment
10/27/2018 9:03		KS	Data is not available	Data is not available	
10/27/2018 9:03		SMRR	Data is not available	Data is not available	
10/27/2018 9:04		SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 9:07	0:01	KS	Data is not available	Data is not available	Oversupply
10/27/2018 9:07	0:01	KS	Data is not available	Data is not available	Oversupply
10/27/2018 9:08	0:07	BS250	Data is not available	Data is not available	Oversupply
10/27/2018 9:08		KS	Data is not available	Data is not available	
10/27/2018 9:08		KS	Data is not available	Data is not available	,
10/27/2018 9:08		SMRR	Data is not available	Data is not available	
			1		
10/27/2018 9:09		KWPII	0.207		Oversupply
10/27/2018 9:09		SMRR	Data is not available	Data is not available	
10/27/2018 9:15		KS	Data is not available	Data is not available	
10/27/2018 9:15	0:01	KS	Data is not available	Data is not available	Oversupply
10/27/2018 9:15	0:01	KS	Data is not available	Data is not available	Oversupply
10/27/2018 9:16	0:01	BS250	Data is not available	Data is not available	Oversupply
10/27/2018 9:17	0:01	KS	Data is not available	Data is not available	Oversupply
10/27/2018 9:17		KS	Data is not available	Data is not available	
10/27/2018 9:17		SMRR	Data is not available	Data is not available	
10/27/2018 9:18		SMRR	Data is not available	Data is not available	
10/27/2018 9:18		KS	Data is not available	Data is not available	
10/27/2018 9:18		KS	Data is not available	Data is not available	
10/27/2018 9:19		SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 9:20		KS	Data is not available	Data is not available	Oversupply
10/27/2018 9:20	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 9:21	0:01	KS	Data is not available	Data is not available	Oversupply
10/27/2018 9:21		KS	Data is not available	Data is not available	
10/27/2018 9:22		SMRR	Data is not available	Data is not available	
10/27/2018 9:28		KS	Data is not available	Data is not available	
10/27/2018 9:28		SMRR	Data is not available	Data is not available	
10/27/2018 9:28		KS	Data is not available	Data is not available	
10/27/2018 9:28		KS	Data is not available	Data is not available	
10/27/2018 9:28	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 9:29	0:35	BS250	Data is not available	Data is not available	Oversupply
10/27/2018 9:29	0:35	KWPII	5.140	16.142	Oversupply
10/27/2018 9:29		SMRR	Data is not available	Data is not available	
10/27/2018 9:45		AWE	0.075		Oversupply
10/27/2018 9:52	0:08	AWE	0.402		Oversupply
10/27/2018 10:04		KS			
			Data is not available	Data is not available	
10/27/2018 10:04		KS	Data is not available	Data is not available	
10/27/2018 10:05		SMRR	Data is not available	Data is not available	
10/27/2018 10:05	0:08	KS	Data is not available	Data is not available	Oversupply
10/27/2018 10:05	0:08	KS	Data is not available	Data is not available	Oversupply
10/27/2018 10:06	0:08	BS250	Data is not available	Data is not available	Oversupply
10/27/2018 10:06	0:08	KWPII	0.765	14.789	Oversupply
10/27/2018 10:06		SMRR	Data is not available	Data is not available	
10/27/2018 10:14		KS	Data is not available	Data is not available	
10/27/2018 10:14		KS	Data is not available	Data is not available	
			1		
10/27/2018 10:14		KS	Data is not available	Data is not available	
10/27/2018 10:14		KS	Data is not available	Data is not available	
10/27/2018 10:14		SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 10:15	0:01	KS	Data is not available	Data is not available	Oversupply
10/27/2018 10:15	0:01	KS	Data is not available	Data is not available	Oversupply
10/27/2018 10:15	0:01	SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 10:16		BS250	Data is not available	Data is not available	
		KS	Data is not available	Data is not available	
10/27/2018 10:16					
10/27/2018 10:16		KS	Data is not available	Data is not available	
10/27/2018 10:16		SMRR	Data is not available	Data is not available	LUVERSUDDIV
10/27/2018 10:17	0:09	KWPII			
10/27/2018 10:17			0.570	10.000	Oversupply
		SMRR	0.570 Data is not available	Data is not available	Oversupply Oversupply
10/27/2018 10:26		SMRR KS	0.010	Data is not available Data is not available	Oversupply Oversupply Oversupply
	0:01		Data is not available	Data is not available	Oversupply Oversupply Oversupply
10/27/2018 10:26 10/27/2018 10:26	0:01 0:01	KS	Data is not available Data is not available	Data is not available Data is not available Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26	0:01 0:01 0:01	KS KS KS	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26	0:01 0:01 0:01 0:01	KS KS KS KS	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27	0:01 0:01 0:01 0:01 0:01 0:32	KS KS KS KS BS250	Data is not available	Data is not available	Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27	0:01 0:01 0:01 0:01 0:01 0:02	KS KS KS KS BS250 SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27	0:01 0:01 0:01 0:01 0:01 0:32 0:01 0:32	KS KS KS KS BS250 SMRR KS	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27	0:01 0:01 0:01 0:01 0:01 0:32 0:01 0:32	KS KS KS KS BS250 SMRR KS	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27	0:01 0:01 0:01 0:01 0:32 0:01 0:32 0:32 0:32	KS KS KS KS SS250 SMRR KS KS SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28	0:01 0:01 0:01 0:01 0:32 0:01 0:32 0:32 0:32	KS KS KS KS KS BS250 SMRR KS KS KS KS	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27	0:01 0:01 0:01 0:01 0:32 0:01 0:32 0:32 0:32	KS KS KS KS SS250 SMRR KS KS SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28	0:01 0:01 0:01 0:01 0:32 0:01 0:32 0:32 0:32 0:11	KS KS KS KS KS BS250 SMRR KS KS KS KS KS KS	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:26 10/27/2018 10:28	0:01 0:01 0:01 0:01 0:01 0:02 0:032 0:01 0:032 0:032 0:01 0:11 0:031 0:010 0:010	KS KS KS KS KS BS250 SMRR KS KS KS KS KS KS	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28 10/27/2018 10:38 10/27/2018 10:48 10/27/2018 10:48	0:01 0:01 0:01 0:01 0:01 0:32 0:02 0:32 0:01 0:32 0:01 0:01 0:01 0:01 0:01 0:01 0:01	KS KS KS KS BS250 SMRR KS KS SMRR KS SMRR SMRR KWPII SMRR SMRR SMRR SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:38	0:01 0:01 0:01 0:01 0:01 0:02 0:02 0:01 0:32 0:03 0:01 0:03 0:01 0:01 0:01 0:01 0:00	KS KS KS KS KS BS250 SMRR KS KS SMRR KS SMRR KS SMRR KWPII SMRR SMRR SMRR SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28 10/27/2018 10:38 10/27/2018 10:38	0:01 0:01 0:01 0:01 0:01 0:01 0:02 0:02	KS KS KS KS BS250 SMRR KS KS SMRR KS SMRR KWPII SMRR SMRR SMRR SMRR SMRR SMRR SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:58 10/27/2018 10:58 10/27/2018 10:58	0:01 0:01 0:01 0:01 0:01 0:02 0:032 0:032 0:032 0:031 0:11 0:01 0:01 0:01 0:00 0:00 0:0	KS KS KS KS BS250 SMRR KS KS SMRR KS SMRR KWPII SMRR SMRR SMRR SMRR SMRR SMRR SMRR SM	Data is not available	Data is not available and a is not available Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28 10/27/2018 10:28 10/27/2018 10:36 10/27/2018 10:36 10/27/2018 10:45 10/27/2018 10:59 10/27/2018 10:59 10/27/2018 10:59 10/27/2018 11:00	0:01 0:01 0:01 0:01 0:01 0:02 0:02 0:032 0:01 0:032 0:01 0:01 0:01 0:001 0:001 0:001 0:001 0:001	KS KS KS KS SS250 SMRR KS KS KS SMRR KS SMRR KWPII SMRR SMRR SMRR SMRR SMRR SMRR KS SMRR KS	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28 10/27/2018 10:28 10/27/2018 10:28 10/27/2018 10:36 10/27/2018 10:59 10/27/2018 10:59 10/27/2018 11:00 10/27/2018 11:00	0:01 0:01 0:01 0:01 0:01 0:01 0:32 0:01 0:32 0:11 0:31 0:01 0:19 0:02 0:01 0:01 0:01 0:01 0:01	KS KS KS KS KS BS250 SMRR KS KS SMRR KS SMRR KWPII SMRR SMRR SMRR SMRR SMRR SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:36 10/27/2018 10:55 10/27/2018 10:55 10/27/2018 11:05 10/27/2018 11:05 10/27/2018 11:05 10/27/2018 11:05	0:01 0:01 0:01 0:01 0:01 0:01 0:02 0:02	KS KS KS KS KS BS250 SMRR KS KS SMRR KS SMRR KWPII SMRR SMRR SMRR SMRR SMRR KWPII SMRR SMRR SMRR SMRR KKS SMRR SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28 10/27/2018 10:28 10/27/2018 10:28 10/27/2018 10:36 10/27/2018 10:59 10/27/2018 10:59 10/27/2018 11:00 10/27/2018 11:00	0:01 0:01 0:01 0:01 0:01 0:01 0:02 0:02	KS KS KS KS KS BS250 SMRR KS KS SMRR KS SMRR KWPII SMRR SMRR SMRR SMRR SMRR SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:36 10/27/2018 10:55 10/27/2018 10:55 10/27/2018 11:05 10/27/2018 11:05 10/27/2018 11:05 10/27/2018 11:05	0:01 0:01 0:01 0:01 0:01 0:01 0:02 0:02	KS KS KS KS KS BS250 SMRR KS KS SMRR KS SMRR KWPII SMRR SMRR SMRR SMRR SMRR KWPII SMRR SMRR SMRR SMRR KKS SMRR SMRR KS SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:44 10/27/2018 10:59 10/27/2018 10:59 10/27/2018 10:59 10/27/2018 10:59 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00	0:01 0:01 0:01 0:01 0:01 0:01 0:32 0:32 0:01 0:11 0:31 0:01 0:01 0:01 0:01 0:01	KS KS KS KS KS BS250 SMRR KS KS SMRR KS SMRR KWPII SMRR SMRR SMRR SMRR SMRR KS SMRR KS SMRR KS SMRR KS SMRR KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:59 10/27/2018 10:59 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:01 10/27/2018 11:01 10/27/2018 11:01	0:01 0:01 0:01 0:01 0:01 0:01 0:02 0:032 0:032 0:032 0:11 0:031 0:01 0:01 0:01 0:01 0:01 0:0	KS KS KS KS KS BS250 SMRR KS KS SMRR KS SMRR KWPII SMRR SMRR SMRR SMRR SMRR SMRR SMRR SM	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:58 10/27/2018 10:58 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00	0:01 0:01 0:01 0:01 0:01 0:01 0:02 0:02	KS KS KS KS KS KS BS250 SMRR KS KS SMRR KS SMRR KWPII SMRR SMRR SMRR SMRR SMRR SMRR SMRR KS SMRR KS SMRR KS SMRR KS SMRR SMRR	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:39 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00	0:01 0:01 0:01 0:01 0:01 0:01 0:02 0:02	KS KS KS KS KS KS BS250 SMRR KS KS SMRR KS SMRR KWPII SMRR SMRR SMRR SMRR SMRR SMRR KS KS SMRR KS KS KS KS SMRR KS KS KS KS KS SMRR KS KS KS KS KS KS	Data is not available	Data is not available	Oversupply
10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:26 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:27 10/27/2018 10:28 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:38 10/27/2018 10:58 10/27/2018 10:58 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00 10/27/2018 11:00	0:01 0:01 0:01 0:01 0:01 0:01 0:02 0:02	KS KS KS KS KS KS BS250 SMRR KS KS SMRR KS SMRR KWPII SMRR SMRR SMRR SMRR SMRR SMRR SMRR KS SMRR KS SMRR KS SMRR KS SMRR SMRR	Data is not available	Data is not available	Oversupply

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Maui Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated Curtailed MWH		ons for Curtailmen
10/27/2018 11:18	0:01	KS	Data is not available	Data is not available Oversupply	
10/27/2018 11:18	0:01	KS	Data is not available	Data is not available Oversupply	
10/27/2018 11:19	0:01	SMRR	Data is not available	Data is not available Oversupply	
10/27/2018 11:19	0:01	KS	Data is not available	Data is not available Oversupply	
10/27/2018 11:19	0:01	KS	Data is not available	Data is not available Oversupply	
10/27/2018 11:19	0:01	SMRR	Data is not available	Data is not available Oversupply	•
10/27/2018 11:20	0:01	KS	Data is not available	Data is not available Oversupply	•
10/27/2018 11:20	0:01	KS	Data is not available	Data is not available Oversupply	,
10/27/2018 11:20	0:01	SMRR	Data is not available	Data is not available Oversupply	,
10/27/2018 11:21	0:01	KS	Data is not available	Data is not available Oversupply	,
10/27/2018 11:21	0:01	SMRR	Data is not available	Data is not available Oversupply	,
10/27/2018 11:21	0:01	KS	Data is not available	Data is not available Oversupply	,
10/27/2018 11:21	0:01	KS	Data is not available	Data is not available Oversupply	,
10/27/2018 11:27	0:01	KS	Data is not available	Data is not available Oversupply	,
10/27/2018 12:19	0:17	BS250	Data is not available	Data is not available Oversupply	,
10/27/2018 12:20	0:16	KWPII	1.745	12.809 Oversupply	
10/27/2018 12:22	0:01	AWE	0.038	19.800 Oversupply	
10/27/2018 12:27	0:02	AWE	0.008	20.500 Oversupply	
10/27/2018 12:37	0:18	BS250	Data is not available	Data is not available Oversupply	
10/27/2018 12:38	0:17	KWPII	1.591	12.828 Oversupply	
10/27/2018 12:51	0:01	AWE	0.004	19.400 Oversupply	
10/27/2018 12:57	0:23	BS250	Data is not available	Data is not available Oversupply	
10/27/2018 12:57	0:02	KWPII	0.026	12.324 Oversupply	
10/27/2018 13:00	0:21	KWPII	1.665	13.363 Oversupply	
10/27/2018 13:24	0:01	KWPII	0.002	9.573 Oversupply	
10/27/2018 13:26	0:02	BS250	Data is not available	Data is not available Oversupply	
10/27/2018 13:26	0:02	KWPII	0.023	9.842 Oversupply	
10/27/2018 13:31	0:02	BS250	Data is not available	Data is not available Oversupply	
	0:02	KWPII	0.010	9,917 Oversupply	
10/27/2018 13:31 10/27/2018 15:47	0:02	KWPII	0.001	0.057 Oversupply	
	0:03		0.001		
10/28/2018 1:01		KWPII		11.414 Oversupply	
10/28/2018 1:06	0:02	KWPII	0.020	11.731 Oversupply	
10/28/2018 1:09	0:21	KWPII	0.656	14.679 Oversupply	
10/28/2018 1:39	1:19	KWPII	6.553	16.013 Oversupply	
10/28/2018 2:41	0:01	AWE	0.003	20.300 Oversupply	
10/28/2018 3:15	0:05	KWPII	0.130	15.533 Oversupply	
10/28/2018 3:27	0:28	KWPII	1.462	15.434 Oversupply	
10/28/2018 4:06	0:03	KWPII	0.063	13.919 Oversupply	
10/28/2018 4:17	1:50	KWPII	9.610	16.207 Oversupply	
10/28/2018 6:11	0:01	KWPII	0.002	16.176 Oversupply	
10/28/2018 7:11	0:04	BS250	Data is not available	Data is not available Oversupply	
10/28/2018 7:11	0:04	KWPII	0.034	16.214 Oversupply	
10/28/2018 8:41	0:01	KWPII	0.013	15.117 Oversupply	
10/28/2018 8:42	0:19	BS250	Data is not available	Data is not available Oversupply	
10/28/2018 8:43	0:19	KWPII	0.984	15.465 Oversupply	
10/28/2018 9:07	0:02	BS250	Data is not available	Data is not available Oversupply	
10/28/2018 9:08	0:01	KWPII	0.017	10.141 Oversupply	
10/28/2018 12:18	0:01	SMRR	Data is not available	Data is not available Oversupply	•
10/29/2018 9:38	0:01	SMRR	Data is not available	Data is not available Oversupply	
10/29/2018 9:41	0:01	SMRR	Data is not available	Data is not available Oversupply	
10/29/2018 12:19	0:15	KWPII	0.175	2.662 Facility Red	quested
10/30/2018 13:12	0:30	KWPII	2.711	9.733 Facility Red	quested
10/30/2018 13:44	0:27	KWPII	2.201	14.379 Facility Red	quested
10/30/2018 14:18	0:09	BS250	Data is not available	Data is not available Oversupply	
10/30/2018 14:18	0:08	KS	Data is not available	Data is not available Oversupply	
10/30/2018 14:18	0:08	KS	Data is not available	Data is not available Oversupply	
10/30/2018 14:18	0:08	SMRR	Data is not available	Data is not available Oversupply	
10/30/2018 15:21	0:15	KWPII	1.950	14.084 Facility Red	
10/30/2018 15:37	0:10	KWPII	0.980	15.319 Facility Red	
10/30/2018 16:17	0:01	BS250	Data is not available	Data is not available Oversupply	
10/30/2018 16:18	0:01	SMRR	Data is not available Data is not available	Data is not available Oversupply	

Lanai Curtailment Report

Start Date and Time	Duration	IPP Curtailed	Estimated MWh Curtailed	Peak MW Curtailed	Reasons for Curtail
10/2/2018 14:00	0:16		Data is not available	Data is not available	Oversupply
10/2/2018 15:01	0:11		Data is not available	Data is not available	Oversupply
10/3/2018 15:36	0:01		Data is not available	Data is not available	Oversupply
10/3/2018 15:38	0:01		Data is not available	Data is not available	Oversupply
10/3/2018 15:57 10/3/2018 16:00	0:18 0:02		Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/3/2018 16:15	0:02		Data is not available	Data is not available	Oversupply
10/3/2018 16:18	0:02		Data is not available	Data is not available	Oversupply
10/4/2018 9:46	1:46		Data is not available	Data is not available	Oversupply
10/8/2018 14:59	0:08		Data is not available	Data is not available	Oversupply
10/8/2018 15:15	0:13	LSR	Data is not available	Data is not available	Oversupply
10/9/2018 8:50	0:04		Data is not available	Data is not available	Oversupply
10/9/2018 8:57	0:05		Data is not available	Data is not available	Oversupply
10/9/2018 9:06	0:06		Data is not available	Data is not available	Oversupply
10/9/2018 9:15	0:06	LSR	Data is not available Data is not available	Data is not available	Oversupply
10/9/2018 9:29 10/9/2018 9:52	0:04		Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/9/2018 10:02	0:03		Data is not available	Data is not available	Oversupply
10/9/2018 10:07	0:02		Data is not available	Data is not available	Oversupply
10/9/2018 10:10	0:01		Data is not available	Data is not available	Oversupply
10/9/2018 10:18	0:03		Data is not available	Data is not available	Oversupply
10/9/2018 10:21	0:01		Data is not available	Data is not available	Oversupply
10/9/2018 10:26	0:04		Data is not available	Data is not available	Oversupply
10/9/2018 11:12	0:36		Data is not available	Data is not available	Oversupply
10/9/2018 11:25	0:11		Data is not available	Data is not available	Oversupply
10/9/2018 11:38	0:07		Data is not available	Data is not available	Oversupply
10/9/2018 11:53	0:02		Data is not available	Data is not available	Oversupply
10/9/2018 12:03	0:09		Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/9/2018 12:17	0:01 0:04				- '''
10/9/2018 12:25 10/9/2018 12:32	0:04		Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/9/2018 14:44	0:44		Data is not available	Data is not available	Oversupply
10/10/2018 11:11	0:03		Data is not available	Data is not available	Oversupply
10/10/2018 11:23	0:01		Data is not available	Data is not available	Oversupply
10/10/2018 11:27	0:03		Data is not available	Data is not available	Oversupply
10/10/2018 12:36	0:03		Data is not available	Data is not available	Oversupply
10/10/2018 13:24	0:05		Data is not available	Data is not available	Oversupply
10/10/2018 14:07	0:01		Data is not available	Data is not available	Oversupply
10/11/2018 11:16	0:01		Data is not available	Data is not available	Oversupply
10/11/2018 11:32	0:03	LSR	Data is not available	Data is not available	Oversupply
10/11/2018 13:02	0:04	LSR	Data is not available	Data is not available	Oversupply
10/11/2018 13:08	0:01	LSR	Data is not available	Data is not available	Oversupply
10/11/2018 13:14	0:01		Data is not available	Data is not available	Oversupply
10/13/2018 12:28	0:05		Data is not available	Data is not available	Oversupply
10/13/2018 12:45	0:04		Data is not available	Data is not available	Oversupply
10/13/2018 12:51	0:02		Data is not available	Data is not available	Oversupply
10/13/2018 13:01	0:01		Data is not available	Data is not available	Oversupply
10/13/2018 13:03	0:01		Data is not available	Data is not available	Oversupply
10/13/2018 13:12	0:05		Data is not available	Data is not available	Oversupply
10/13/2018 13:40 10/13/2018 13:54	0:02 0:08		Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/13/2018 13:56		LSR	Data is not available Data is not available	Data is not available Data is not available	Oversupply
10/13/2018 14:12	0:01		Data is not available	Data is not available	Oversupply
10/13/2018 14:19		LSR	Data is not available	Data is not available	Oversupply
10/13/2018 14:31		LSR	Data is not available	Data is not available	Oversupply
10/13/2018 14:42		LSR	Data is not available	Data is not available	Oversupply
10/14/2018 9:18		LSR	Data is not available	Data is not available	Oversupply
10/14/2018 9:23	0:03	LSR	Data is not available	Data is not available	Oversupply
10/14/2018 9:30	0:06	LSR	Data is not available	Data is not available	Oversupply
10/14/2018 11:58	0:05	LSR	Data is not available	Data is not available	Oversupply
10/14/2018 12:02	0:03		Data is not available	Data is not available	Oversupply
10/14/2018 12:06		LSR	Data is not available	Data is not available	Oversupply
10/14/2018 12:10		LSR	Data is not available	Data is not available	Oversupply
10/14/2018 12:34	0:03		Data is not available	Data is not available	Oversupply
10/14/2018 12:38		LSR	Data is not available	Data is not available	Oversupply
10/14/2018 12:40	0:01		Data is not available	Data is not available	Oversupply
10/14/2018 13:45	0:09		Data is not available	Data is not available	Oversupply
10/16/2018 9:17		LSR	Data is not available	Data is not available	Oversupply
10/16/2018 9:28	0:08		Data is not available	Data is not available	Oversupply
10/16/2018 12:16		LSR	Data is not available	Data is not available	Oversupply
10/16/2018 12:42 10/16/2018 13:52		LSR LSR	Data is not available Data is not available	Data is not available Data is not available	Oversupply Oversupply
10/16/2018 13:55		LSR	Data is not available	Data is not available Data is not available	Oversupply
10/16/2018 14:02		LSR	Data is not available	Data is not available	Oversupply
10/23/2018 11:12		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 50 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.

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Hawai'i Electric Light Company Curtailment Report October 2018

Start Date/Time	MW output prior to start of curtailment	End Date/Time	MW output after curtailment released1	IPP	Reason for Curtailment
10/02/18 13:17	4.8 MW	10/02/18 18:32	2.8 MW	Hawi Renewable Dev	System constraint
10/02/18 19:00	4.9 MW	10/03/18 17:42	1.9 MW	Hawi Renewable Dev	System constraint
10/04/18 14:04	4.5 MW	10/04/18 16:56	2.4 MW	Hawi Renewable Dev	Facility requested
10/21/18 22:18	13.0 MW	10/21/18 22:38	12.2 MW	Pakini Nui Windfarm	System constraint
10/26/18 08:09	9.1 MW	10/26/18 09:00	9.0 MW	Pakini Nui Windfarm	System constraint
10/26/18 12:58	18.1 MW	10/26/18 16:11	9.8 MW	Pakini Nui Windfarm	System constraint
10/30/18 08:06	17.5 MW	10/30/18 08:50	17.5 MW	Pakini Nui Windfarm	System constraint
10/30/18 11:32	17.5 MW	10/30/18 12:20	17.5 MW	Pakini Nui Windfarm	System constraint

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 and Wailuku may take longer to return to scheduled or full available output levels.

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