

LED

2015 JUL 27 P 4: 02

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

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 June 2015 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 Company is 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 <a href="mailto:marisa.chun@heco.com">marisa.chun@heco.com</a> to request a copy.

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

Sincerely,

Daniel G. Brown

Manager

Regulatory Non-Rate Proceedings

Enclosure

cc: Service List

<sup>&</sup>lt;sup>1</sup> 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".

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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 June 30, 2015):

# 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.

## <u>1b)</u> 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 June 30, 2015):

## 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 in the month of June. 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:

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

# 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 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.

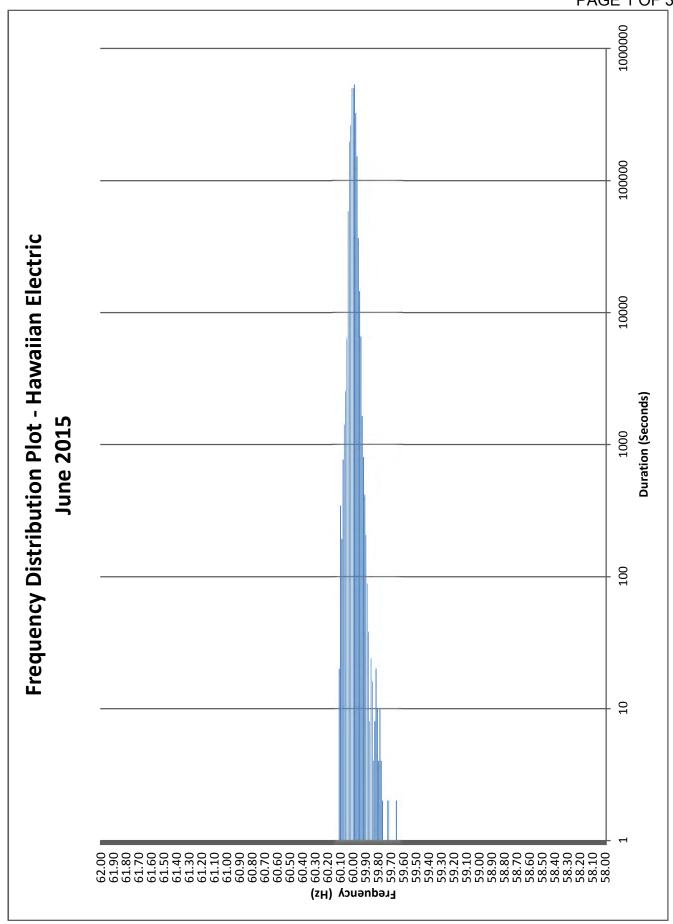
The following provides information with respect to items 3a) through 3b) – (all statements are current as of the month ending June 30, 2015):

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

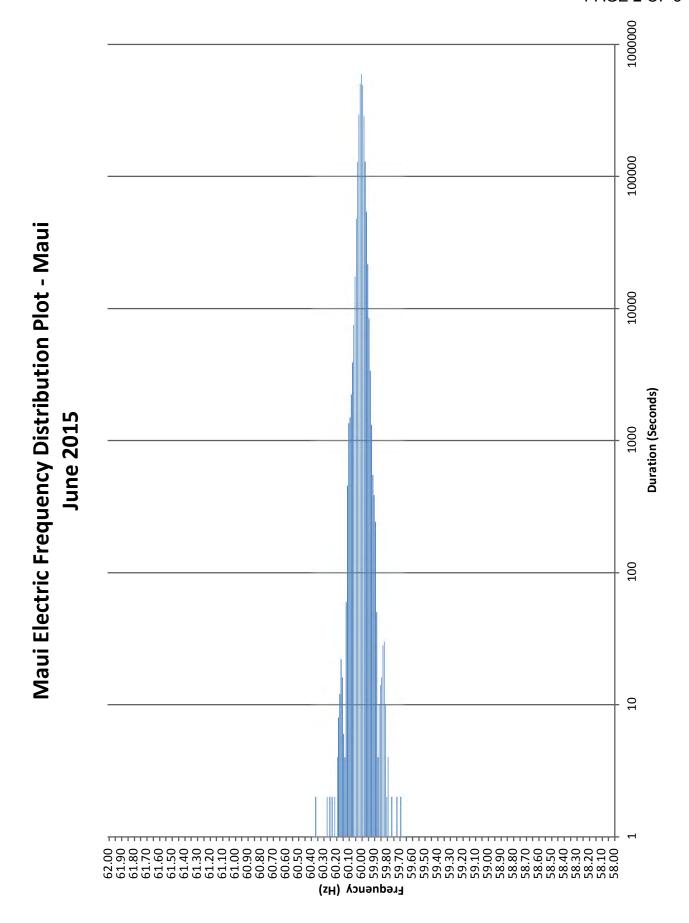
The tabulation of each curtailment event for each resource is provided in Attachment 6.

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

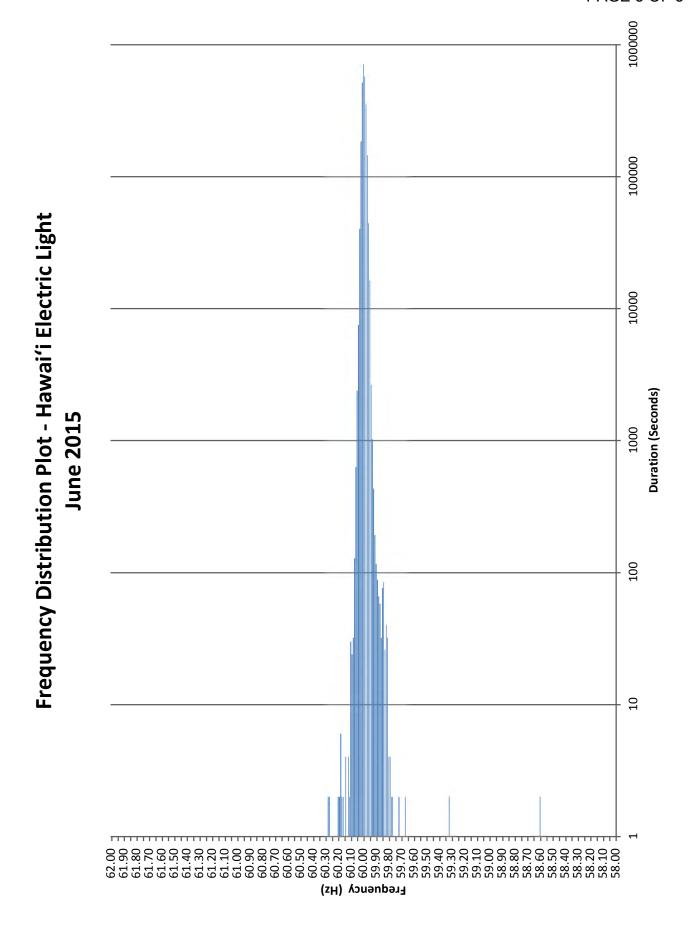
Hawai'i Electric Light did not curtail any non-dispatchable renewable resources in the month of June. Curtailed MWH from non-dispatchable resources are difficult to determine due to the variability of the resource during curtailment periods. In some cases, the curtailed MWH estimates were provided by 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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DOCKET NO. 2011-0206 ORDER NO. 30371 I.C.(1)(a) ATTACHMENT 1 PAGE 3 OF 3



DOCKET NO. 2011-0206 ORDER NO. 30371 9.C.(1)(b) ATTACHMENT 2 PAGE 1 OF 3

| Hawaiian Electric Frequency Exc    | ursion Stat | istics    |  |  |  |  |  |
|------------------------------------|-------------|-----------|--|--|--|--|--|
| June 2015                          |             |           |  |  |  |  |  |
| Data Rounded to the nearest        | <59.95 Hz   | >60.05 Hz |  |  |  |  |  |
| Number of Excursions               | 995         | 382       |  |  |  |  |  |
| Maximum Duration (sec)             | 650         | 924       |  |  |  |  |  |
| Maximum Deviation (Hz)             | 59.663      | 60.108    |  |  |  |  |  |
| Total Duration of Excursions (sec) | 14754       | 6862      |  |  |  |  |  |

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| Maui Electric Frequency Excursion Statistics |           |           |  |  |  |  |
|--|-----------|-----------|--|--|--|--|
| June 2015                                    |           |           |  |  |  |  |
|  | <59.95 Hz | >60.05 Hz |  |  |  |  |
| Number of Excursions                         | 4785      | 3499      |  |  |  |  |
| Maximum Duration (sec)                       | 144       | 466       |  |  |  |  |
| Maximum Deviation (Hz)                       | 59.6921   | 60.3606   |  |  |  |  |
| Total Duration of Excursions (sec)           | 22560     | 23568     |  |  |  |  |

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| Hawai'i Electric Light Frequency Excursion Statistics |           |           |  |  |  |  |
|---|-----------|-----------|--|--|--|--|
| June 2015   |           |           |  |  |  |  |
|   | <59.95 Hz | >60.05 Hz |  |  |  |  |
| Number of Excursions                                  | 1881      | 366       |  |  |  |  |
| Maximum Duration (sec)                                | 316       | 52        |  |  |  |  |
| Maximum Deviation (Hz)                                | 58.602    | 60.277    |  |  |  |  |
| Total Duration of Excursions (sec)                    | 12592     | 1848      |  |  |  |  |

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# HAWAII ELECTRIC LIGHT COMPANY, INC. UNDERFREQUENCY LOAD SHEDDING EVENTS JUNE 2015

|         |           |            |          | requency (Hz | 1          | I         | ı        |                              |
|---------|-----------|------------|----------|--------------|------------|-----------|----------|------------------------------|
|         |           |            | Prior to | requency (nz | Level UFLS | Load Shed | Duration |                              |
| F 4     | D-4-      | <b>T</b> : |          | N 12         |            |           |          | Description.                 |
| Event # | Date      | Time       | Event    | Nadir        | Occurred   | (MW)      | (HH:MM)  | Description                  |
| 1       | 6/25/2015 | 10:17 AM   | 60.00    | 58.46        | 58.50      | 24.66     | 00:46    | Keahole CT-4 tripped offline |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              | ·          |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |
|         |           |            |          |              |            |           |          |                              |

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#### HAWAIIAN ELECTRIC COMPANY, INC. DEMAND RESPONSE EVENTS JUNE 2015

|         |                | Frequency (Hz)    |        |         |                      |                     |   |
|---------|----------------|-------------------|--------|---------|----------------------|---------------------|---|
| Event # | Date & Time    | Prior to<br>Event | Nadir  | Trigger | Load<br>Shed<br>(MW) | Duration<br>(HH:MM) | Description   |
| 1       | 06/02/15 15:24 | 59.975            | 59.663 | 59.70   | NA                   | 1 0.07              | K1 tripped offline while generating ~40 MW. RDLC was activated. |
|         |                |                   |        |         |                      |                     |   |
|         |                |                   | •      |         | ·                    |                     |   |
|         | ·              |                   |        |         |                      |                     |   |

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Hawaiian Electric Curtailment Report June 2015

|                 |             |                |                |             | Estimated     |       |                        |
|-----------------|-------------|----------------|----------------|-------------|---------------|-------|------------------------|
|                 |             |                |                | MW output   | MWh of        |       |                        |
|                 |             | MW output      |                | after       | curtailed     |       |                        |
|                 | Curtailment | prior to start |                | curtailment | energy during |       |                        |
| Start Date/Time | Set Point   | of curtailment | End Date/Time  | released    | event (1)     | IPP   | Reason for Curtailment |
| 06/08/15 06:39  | 0.0         | 0.20           | 06/08/15 07:26 | 0           | *             | KREP  | Replacement work       |
| 06/08/15 19:08  | 0.0         | 0.00           | 06/08/15 19:21 | 0           | *             | KREP  | Replacement work       |
| 06/09/15 06:46  | 0.0         | 0.20           | 06/09/15 07:55 | 0           | *             | KREP  | Replacement work       |
| 06/09/15 18:49  | 0.0         | 0.00           | 06/09/15 18:59 | 0           | *             | KREP  | Replacement work       |
| 06/10/15 18:54  | 0.0         | 0.00           | 06/10/15 19:28 | 0           | *             | KREP  | Replacement work       |
| 06/16/15 07:12  | 0.0         | 7.00           | 06/16/15 07:41 | 0           | *             | KWF   | Replacement work       |
| 06/16/15 07:13  | 0.0         | 0.50           | 06/16/15 07:41 | 0           | *             | Makai | Replacement work       |
| 06/16/15 14:59  | 0.0         | 8.40           | 06/16/15 15:38 | 0           | *             | KWF   | Replacement work       |
| 06/16/15 15:00  | 0.0         | 10.00          | 06/16/15 15:38 | 0           | *             | Makai | Replacement work       |
| 06/30/15 18:31  | 0.0         | 0.20           | 06/30/15 20:33 | 0           | *             | KREP  | Replacement work       |
|                 |             |                |                |             |               |       |                        |

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

<sup>(1)</sup> 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.

<sup>\*</sup> Data has not been provided by IPP.

## DOCKET NO. 2011-0206 ORDER NO. 30371 I.C.(3)(a)&(b) ATTACHMENT 6 PAGE 2 OF 8

| ATATA   | Maul     |
|---------|----------|
| - C- C- | Electric |

| Start Date and Time  |  |  |  |  | PAGE 2 U  |
|--|--|--|--|--|---|
|  |  | IPP Curtailed  |  |  | Reasons for Curtailment   |
| 6/1/2015 2:04<br>6/1/2015 3:11   | 0:18<br>0:04   | KWPII  | 1.370<br>0.076   |  | AGC MAVG - calculated AGC MAVG - calculated   |
| 6/1/2015 3:16  |  | KWPII  | 0.070  |  | AGC MAVG - calculated   |
| 6/1/2015 3:19  |  | KWPII  | 0.026  | 4.312  | AGC MAVG - calculated   |
| 6/1/2015 3:31  | 0:01   | KWPII  | 0.013  | 5.290  | AGC MAVG - calculated   |
| 6/1/2015 3:34  | 0:01   | KWPII  | 0.012  |  | AGC MAVG - calculated   |
| 6/1/2015 3:37  | 0:27<br>0:22   | KWPII<br>AWE   | 1.226<br>0.932   |  | AGC MAVG - calculated   |
| 6/1/2015 3:41<br>6/1/2015 9:53   | 0:22   | KWPII  | 0.932  |  | AGC MAVG - calculated AGC MAVG - calculated and Good Engineering and Operating Practices  |
| 6/1/2015 10:09   | 0:01   | KWPII  | 0.035  | 15.033   | AGC MAVG - calculated and Good Engineering and Operating Practices  |
| 6/1/2015 11:28   |  | KWPII  | 0.114  | 14.599   | AGC MAVG - calculated and Good Engineering and Operating Practices  |
| 6/1/2015 11:33   | 0:07   | KWPII  | 0.573  |  | AGC MAVG - calculated, Good Engineering and Operating Practices, and Testing  |
| 6/1/2015 11:42   | 0:01   | KWPII  | 0.027  |  | AGC MAVG - calculated and Good Engineering and Operating Practices  |
| 6/1/2015 11:47   |  | KWPII  | 0.419  |  | AGC MAVG - calculated and Good Engineering and Operating Practices  |
| 6/1/2015 11:55<br>6/1/2015 13:26   | 0:02<br>0:53   | KWPII  | 0.098<br>3.054   | 13.204   | AGC MAVG - calculated and Good Engineering and Operating Practices  AGC MAVG - calculated   |
| 6/1/2015 14:22   | 0:04   | KWPII  | 0.086  | 18.877   | AGC MAVG - calculated   |
| 6/1/2015 14:31   | 0:10   | KWPII  | 0.467  | 19.723   | AGC MAVG - calculated   |
| 6/1/2015 14:43   | 0:28   | KWPII  | 1.644  |  | AGC MAVG - calculated   |
| 6/1/2015 15:27   | 0:03   | KWPII  | 0.053  |  | AGC MAVG - calculated   |
| 6/1/2015 15:40<br>6/1/2015 16:16   | 0:01<br>0:02   | KWPII  | 0.002<br>0.009   |  | AGC MAVG - calculated AGC MAVG - calculated   |
| 6/1/2015 22:13   | 0:02   | KWPII  | 0.406  |  | AGC MAVG - calculated   |
| 6/1/2015 22:32   | 0:02   | KWPII  | 0.013  |  | AGC MAVG - calculated   |
| 6/1/2015 22:36   |  | KWPII  | 19.402   |  | AGC MAVG - calculated   |
| 6/2/2015 0:40  |  | KWPII  | 2.395  |  | AGC MAVG - calculated   |
| 6/2/2015 1:09  |  | KWPII<br>KWPII   | 17.082   | 20.328   | AGC MAVG - calculated AGC MAVG - calculated   |
| 6/2/2015 3:31<br>6/2/2015 4:49   | 0:24<br>0:01   | KWPII  | 2.713<br>0.011   | 19.737   | AGC MAVG - calculated   |
| 6/2/2015 6:40  | 0:03   | KWPII  | 0.061  |  | AGC MAYG - calculated   |
| 6/2/2015 6:46  | 0:01   | KWPII  | 0.010  | 19.234   | AGC MAVG - calculated   |
| 6/2/2015 10:07   | 0:41   | KWPII  | 7.342  | 16.407   | AGC MAVG - calculated, AGC MAVG - entered, AGC MAVG - entered - Maintaining Regulating Reserves, and AGC MAVG -   |
| 6/2/2015 10:43   | 0:03   | AWE  | 0.017  |  | AGC MAVG - calculated   |
| 6/2/2015 10:51<br>6/2/2015 10:59   | 0:05<br>0:03   | KWPII<br>KWPII   | 0.485<br>0.110   |  | AGC MAVG - calculated AGC MAVG - calculated   |
| 6/2/2015 10:59   | 0:03   | KWPII  | 0.110  |  | AGC MAVG - calculated   |
| 6/2/2015 11:40   |  | KWPII  | 0.026  |  | AGC MAVG - calculated   |
| 6/2/2015 12:08   | 0:03   | KWPII  | 0.106  | 15.625   | AGC MAVG - calculated and Testing   |
| 6/2/2015 12:13   | 2:31   | KWPII  | 13.323   | 20.185   | AGC MAVG - calculated and Testing   |
| 6/2/2015 14:45   | 0:02   | KWPII  | 0.015  |  | AGC MAVG - calculated   |
| 6/2/2015 14:50   | 0:03   | KWPII  | 0.016  |  | AGC MAVG - calculated   |
| 6/2/2015 14:55<br>6/2/2015 15:38   | 0:03<br>0:01   | KWPII  | 0.025<br>0.001   |  | AGC MAVG - calculated AGC MAVG - calculated   |
| 6/2/2015 15:40   | 0:01   | KWPII  | 0.023  |  | AGC MAVG - calculated   |
| 6/2/2015 18:35   | 0:02   | KWPII  | 0.038  |  | AGC MAVG - calculated   |
| 6/2/2015 22:47   | 0:18   | KWPII  | 0.865  |  | AGC MAVG - calculated   |
| 6/2/2015 23:48   | 0:02   | KWPII  | 0.038  |  | AGC MAVG - calculated   |
| 6/2/2015 23:51   | 1:42   | KWPII  | 19.547   |  | AGC MAVG - calculated   |
| 6/3/2015 1:00<br>6/3/2015 1:22   | 0:05<br>0:05   | AWE<br>AWE   | 0.215<br>0.295   |  | AGC MAVG - calculated AGC MAVG - calculated   |
| 6/3/2015 1:35  | 1:05   | KWPII  | 15.960   |  | AGC MAVG - calculated   |
| 6/3/2015 1:58  |  | AWE  | 0.046  |  | AGC MAYG - calculated   |
| 6/3/2015 2:22  | 0:06   | AWE  | 0.204  |  | AGC MAVG - calculated   |
| 6/3/2015 2:32  |  | AWE  | 0.040  |  | AGC MAVG - calculated   |
| 6/3/2015 2:43  | 0:19   | KWPII  | 1.815  |  | AGC MAVG - calculated   |
| 6/3/2015 3:04  | 0:01   | KWPII<br>KWPII   | 0.012  |  | AGC MAVG - calculated   |
| 6/3/2015 4:17<br>6/3/2015 4:24   | 0:03<br>0:22   | KWPII  | 0.121<br>1.495   |  | AGC MAVG - calculated AGC MAVG - calculated   |
| 6/3/2015 4:47  | 0:07   | KWPII  | 0.136  |  | AGC MAVG - calculated   |
| 6/3/2015 4:55  | 0:01   | KWPII  | 0.013  |  | AGC MAVG - calculated   |
| 6/3/2015 4:58  |  | KWPII  | 0.083  |  | AGC MAVG - calculated   |
| 6/3/2015 5:05  | 0:01   | KWPII  | 0.028  |  | AGC MAVG - calculated   |
| 6/3/2015 5:10  | 0:25   | KWPII  | 1.637<br>0.185   |  | AGC MAVG - calculated AGC MAVG - calculated   |
| 6/3/2015 5:36<br>6/3/2015 5:43   | 0:06<br>0:01   | KWPII  | 0.183  |  | AGC MAVG - calculated   |
| 6/3/2015 6:31  | 0:01   | AWE  | 0.000  |  | AGC MAVG - calculated   |
| 6/3/2015 7:07  | 0:14   | KWPII  | 0.746  | 6.497  | AGC MAVG - calculated   |
| 6/3/2015 7:10  | 0:06   | AWE  | 0.174  |  | AGC MAVG - calculated   |
| 6/3/2015 7:17  | 0:01   | AWE  | 0.028  |  | AGC MAVG - calculated   |
| 6/3/2015 7:26  | 0:56<br>0:03   | KWPII  | 5.722  |  | AGC MAVG - calculated   |
| 6/3/2015 8:23<br>6/3/2015 8:28   |  | ZWDII  | 0.077  |  |   |
| 6/3/2015 8:40  |  | KWPII  | 0.077  |  | AGC MAVG - calculated   |
|  | 0:03   | KWPII<br>KWPII<br>KWPII  | 0.079<br>0.060   | 12.061   | AGC MAVG - calculated AGC MAVG - calculated AGC MAVG - calculated   |
| 6/3/2015 8:46  | 0:03<br>0:25   | KWPII<br>KWPII<br>KWPII  | 0.079<br>0.060<br>1.831  | 12.061<br>8.591<br>16.158  | AGC MAVG - calculated AGC MAVG - calculated AGC MAVG - calculated   |
|  | 0:03   | KWPII<br>KWPII   | 0.079<br>0.060   | 12.061<br>8.591<br>16.158<br>15.532  | AGC MAVG - calculated   |
| 6/3/2015 8:46<br>6/3/2015 10:17<br>6/3/2015 10:42  | 0:03<br>0:25<br>0:24<br>2:10   | KWPII<br>KWPII<br>KWPII<br>KWPII   | 0.079<br>0.060<br>1.831<br>0.994<br>24.869   | 12.061<br>8.591<br>16.158<br>15.532<br>18.984  | AGC MAYG - Calculated   |
| 6/3/2015 8:46<br>6/3/2015 10:17<br>6/3/2015 10:42<br>6/3/2015 11:48  | 0:03<br>0:25<br>0:24<br>2:10<br>0:01   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>KWPII  | 0.079<br>0.060<br>1.831<br>0.994<br>24.869<br>0.001  | 12.061<br>8.591<br>16.158<br>15.532<br>18.984<br>21.000  | AGC MAVG - calculated   |
| 6/3/2015 8:46<br>6/3/2015 10:17<br>6/3/2015 10:42  | 0:03<br>0:25<br>0:24<br>2:10   | KWPII<br>KWPII<br>KWPII<br>KWPII   | 0.079<br>0.060<br>1.831<br>0.994<br>24.869   | 12.061<br>8.591<br>16.158<br>15.532<br>18.984<br>21.000  | AGC MAYG - Calculated   |
| 6/3/2015 8:46<br>6/3/2015 10:17<br>6/3/2015 10:42<br>6/3/2015 11:48<br>6/3/2015 11:51  | 0:03<br>0:25<br>0:24<br>2:10<br>0:01<br>0:08   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE   | 0.079<br>0.060<br>1.831<br>0.994<br>24.889<br>0.001  | 12.061<br>8.591<br>16.158<br>15.532<br>18.984<br>21.000<br>21.000  | AGC MAYG - Calculated   |
| 6/3/2015 8:46<br>6/3/2015 10:17<br>6/3/2015 10:42<br>6/3/2015 11:48<br>6/3/2015 11:51<br>6/3/2015 12:04  | 0:03<br>0:25<br>0:24<br>2:10<br>0:01<br>0:08   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE<br>AWE  | 0.079<br>0.060<br>1.831<br>0.994<br>24.869<br>0.001<br>0.001<br>0.001<br>0.001   | 12.061<br>8.591<br>16.188<br>15.532<br>18.984<br>21.000<br>21.000<br>19.740<br>20.227<br>20.333  | AGC MAYG - Calculated   |
| 6/3/2015 8:46<br>6/3/2015 10:17<br>6/3/2015 10:42<br>6/3/2015 11:48<br>6/3/2015 11:51<br>6/3/2015 12:04<br>6/3/2015 12:05<br>6/3/2015 12:05  | 0:03<br>0:25<br>0:24<br>2:10<br>0:01<br>0:08<br>0:01<br>0:01<br>0:01   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>AVVE<br>AVVE<br>AVVE<br>AVVE<br>AVVE<br>AVVE   | 0.079 0.000 1.331 0.994 24.869 0.001 0.001 0.001 0.005 0.008   | 12.081<br>8.591<br>16.158<br>15.532<br>18.984<br>21.000<br>21.000<br>19.740<br>20.027<br>20.333  | AGC MAYG - Calculated   |
| 6/3/2015 8:46 6/3/2015 10:17 6/3/2015 10:17 6/3/2015 11:48 6/3/2015 11:51 6/3/2015 11:51 6/3/2015 12:09 6/3/2015 12:27 6/3/2015 12:27 6/3/2015 12:23   | 0:03<br>0:25<br>0:24<br>2:10<br>0:01<br>0:01<br>0:01<br>0:01<br>0:02<br>0:02   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE   | 0.079<br>0.060<br>1.831<br>0.994<br>24.869<br>0.001<br>0.071<br>0.001<br>0.009<br>0.009  | 12.061<br>8.591<br>16.158<br>15.532<br>18.984<br>21.000<br>21.000<br>19.740<br>20.027<br>20.333<br>20.847<br>21.000  | AGC MAYG - Calculated   |
| 6/3/2015 8/46 6/3/2015 10:17 6/3/2015 10:17 6/3/2015 10:14 6/3/2015 11:48 6/3/2015 11:49 6/3/2015 12:09 6/3/2015 12:09 6/3/2015 12:29 6/3/2015 12:25 6/3/2015 12:25 6/3/2015 12:33   | 0:03<br>0:25<br>0:24<br>2:10<br>0:01<br>0:01<br>0:01<br>0:01<br>0:02<br>0:02<br>0:15   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>KWPII  | 0.079 0.080 1.831 0.994 24.889 0.001 0.001 0.001 0.002 0.009 0.009 0.059 0.059   | 12.051 8.591 16.158 15.532 18.994 21.000 21.000 19.740 20027 20.333 20.847 21.000 15.216   | AGC MAYG - Calculated   |
| 6/3/2015 8/46 6/3/2015 10:17 6/3/2015 10:17 6/3/2015 10:17 6/3/2015 11:48 6/3/2015 11:51 6/3/2015 12:09 6/3/2015 12:09 6/3/2015 12:09 6/3/2015 12:05 6/3/2015 12:05 6/3/2015 12:05   | 0:03<br>0:25<br>0:24<br>2:10<br>0:01<br>0:08<br>0:01<br>0:01<br>0:01<br>0:02<br>0:15   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE<br>AWE<br>AVE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE  | 0.079 0.080 1.831 0.994 24.889 0.001 0.071 0.005 0.009 0.009 0.033 6.771 0.017   | 12.061<br>8.591<br>16.158<br>15.532<br>18.994<br>21.000<br>19.740<br>20.027<br>20.333<br>20.847<br>21.000<br>15.216<br>20.900  | AGC MAVG - Calculated   |
| 6/3/2015 8/46 6/3/2015 10:17 6/3/2015 10:17 6/3/2015 10:14 6/3/2015 11:48 6/3/2015 11:49 6/3/2015 12:09 6/3/2015 12:09 6/3/2015 12:29 6/3/2015 12:25 6/3/2015 12:25 6/3/2015 12:33   | 0:03<br>0:25<br>0:24<br>2:10<br>0:01<br>0:01<br>0:01<br>0:01<br>0:02<br>0:02<br>0:15   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>KWPII  | 0.079 0.080 1.831 0.994 24.889 0.001 0.001 0.001 0.002 0.009 0.009 0.059 0.059   | 12.061<br>8.591<br>16.158<br>15.522<br>18.994<br>21.000<br>21.000<br>19.740<br>20027<br>20.333<br>20.847<br>21.000<br>15.216<br>20.900<br>21.000   | AGC MAYG - Calculated   |
| 6/3/2015 8:46 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 11:35 6/3/2015 11:35 6/3/2015 12:34 6/3/2015 12:37 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 12:35   | 0:03<br>0:25<br>0:24<br>2:10<br>0:01<br>0:01<br>0:01<br>0:01<br>0:02<br>0:15<br>0:02<br>0:02   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE   | 0.079 0.060 1.831 0.994 24.869 0.001 0.071 0.001 0.009 0.0393 0.353 6.711 0.017  | 12.061 8.591 16.158 15.532 18.994 21.000 21.000 19.740 20.027 20.333 20.884 21.000 15.216 20.900 21.000 21.000   | AGC MAVG - Calculated   |
| 6/3/2015 8:46 6/3/2015 10:42 6/3/2015 10:42 6/3/2015 11:45 6/3/2015 11:45 6/3/2015 12:45 6/3/2015 12:27 6/3/2015 12:27 6/3/2015 12:25 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35   | 0:03<br>0:25<br>0:24<br>2:10<br>0:01<br>0:01<br>0:01<br>0:02<br>0:15<br>0:02<br>0:04<br>0:05<br>0:02<br>0:04                           | KWPII KWPII KWPII KWPII KWPII AWE  | 0.079 0.080 1.831 0.994 24.889 0.001 0.001 0.005 0.009 0.039 0.353 6.711 0.017 0.017 0.027   | 12.061 8.591 16.188 15.532 18.984 21.000 21.000 19.740 20.027 20.333 20.847 21.000 15.216 20.900 21.000 21.000 21.000  | AGC MAYG - Calculated   |
| 6/3/2015 8/46<br>6/3/2015 10/42<br>6/3/2015 11/46<br>6/3/2015 11/37<br>6/3/2015 12/37<br>6/3/2015 12/37<br>6/3/2015 12/37<br>6/3/2015 12/37<br>6/3/2015 12/37<br>6/3/2015 13/37<br>6/3/2015 13/37<br>6/3/2015 13/37<br>6/3/2015 13/37<br>6/3/2015 13/37<br>6/3/2015 13/37  | 0:03 0:25 0:24 2:10 0:01 0:01 0:01 0:01 0:02 0:05 0:05 0:02 0:05 0:05 0:05 0:05  | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE AWE AWE AWE AWE KWPII AWE KWPII AWE KWPII KWPII KWPII KWE  | 0.079 0.060 1.831 0.994 24.869 0.001 0.001 0.001 0.003 0.0333 6.711 0.012 0.022 0.032  | 12.061 8.591 16.158 15.532 18.994 21.000 21.000 19.740 20.027 20.333 20.847 21.000 15.216 20.990 21.000 21.000 21.000 21.000   | AGC MAYG - Calculated   |
| 6/3/2015 8/46 6/3/2015 10/3/2 6/3/2015 10/3/2 6/3/2015 11/3/2 6/3/2015 11/3/2 6/3/2015 11/3/2 6/3/2015 12/3/2 6/3/2015 12/3/2 6/3/2015 12/3/2 6/3/2015 12/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 15/3/2 6/3/2015 15/3/2 6/3/2015 15/3/2  | 0.03 0.25 0.24 2.10 0.01 0.01 0.01 0.01 0.02 0.15 0.03 0.03 0.04 0.05 0.05 0.05 0.05 0.05 0.05 0.05                                    | RWPII KWPII KWPII KWPII KWPII AWE  | 0.079 0.060 1.831 0.994 24.869 0.001 0.071 0.003 0.009 0.353 6.711 0.017 0.002 0.002 0.002 0.003   | 12.061 8.591 16.158 15.532 18.934 21.000 21.000 19.740 200.27 20.333 20.847 21.000 21.000 21.000 21.000 21.000 17.802  | AGC MAVG - Calculated   |
| 6/3/2015 8:45 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 11:35 6/3/2015 12:39 6/3/2015 12:39 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35  | 0:03 0:25 0:24 2:10 0:01 0:01 0:01 0:01 0:02 0:05 0:05 0:02 0:05 0:05 0:05 0:05  | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE AWE AWE AWE AWE KWPII AWE KWPII AWE KWPII KWPII KWPII KWE  | 0.079 0.060 1.831 0.994 24.869 0.001 0.001 0.001 0.003 0.0333 6.711 0.012 0.022 0.032  | 12.061 8.591 16.158 15.532 18.994 21.000 21.000 19.740 20.027 20.333 20.847 21.000 15.216 20.990 21.000 21.000 21.000 17.802 16.572 16.572 16.572 18.313   | AGC MAYG - Calculated   |
| 6/3/2015 8/46 6/3/2015 10/3/2 6/3/2015 10/3/2 6/3/2015 11/3/2 6/3/2015 11/3/2 6/3/2015 11/3/2 6/3/2015 12/3/2 6/3/2015 12/3/2 6/3/2015 12/3/2 6/3/2015 12/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 15/3/2 6/3/2015 15/3/2 6/3/2015 15/3/2  | 0.03 0.25 0.24 2.10 0.08 0.01 0.00 0.01 0.00 0.00 0.00 0   | R WP-II R WP-I | 0.079 0.080 1.831 0.994 24.889 0.001 0.001 0.009 0.009 0.009 0.003 0.353 6.771 0.017 0.012 0.027 0.004 0.004 0.004   | 12.061 8.591 16.158 15.532 18.994 21.000 21.000 19.740 20.027 20.333 20.847 21.000 21.000 21.000 21.000 21.000 21.000 17.802 16.572  | AGC MAVG - Calculated   |
| 6/3/2015 8/46 6/3/2015 10/3/2 6/3/2015 10/3/2 6/3/2015 11/3/2 6/3/2015 11/3/2 6/3/2015 11/3/2 6/3/2015 12/3/2 6/3/2015 12/3/2 6/3/2015 12/3/2 6/3/2015 12/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 13/3/2 6/3/2015 15/3/2 6/3/2015 15/3/2 6/3/2015 16/3/2 6/3/2015 16/3/2 6/3/2015 16/3/2 6/3/2015 16/3/2 6/3/2015 16/3/2 6/3/2015 16/3/2 6/3/2015 16/3/2 6/3/2015 16/3/2 6/3/2015 16/3/2 6/3/2015 16/3/2 6/3/2015 16/3/2  | 0.03 0.03 0.02 0.02 0.03 0.00 0.00 0.00  | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE AWE AWE AWE AWE KWPII AWE KWPII KWPII KWPII KWPII KWPII  | 0.079 0.060 1.831 0.994 24.869 0.001 0.001 0.003 0.003 0.033 0.711 0.017 0.017 0.017 0.017 0.017 0.017 0.017 0.017 0.017 0.017 0.017 0.017   | 12.061 8.591 16.158 15.532 18.984 21.000 21.000 19.740 20.027 20.333 20.847 21.000 15.216 20.990 21.000 21.000 21.000 21.000 17.802 16.575 19.837  | AGC MAYG - Calculated   |
| 6/3/2015 8/3/<br>6/3/2015 10:17<br>6/3/2015 10:17<br>6/3/2015 11:35<br>6/3/2015 11:35<br>6/3/2015 12:39<br>6/3/2015 12:39<br>6/3/2015 12:39<br>6/3/2015 12:35<br>6/3/2015 12:35<br>6/3/2015 13:35<br>6/3/2015 13:35<br>6/3/2015 13:35<br>6/3/2015 16:35<br>6/3/2015 16:35<br>6/3/2015 16:35<br>6/3/2015 16:35<br>6/3/2015 16:35<br>6/3/2015 16:35<br>6/3/2015 16:35<br>6/3/2015 16:35  | 0.03 0.22 0.22 0.03 0.00 0.00 0.00 0.00  | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE AWE AWE AWE AWE KWPII  | 0.079 0.080 1.331 0.994 24.889 0.001 0.001 0.005 0.009 0.039 0.039 0.039 0.039 0.039 0.039 0.001 0.010 0.011 0.017 | 12.061 8.591 16.188 16.532 18.984 21.000 21.000 19.740 20.027 20.333 20.847 21.000 21.000 21.000 21.000 21.000 21.000 17.802 16.672 18.313 12.687 19.887 21.000 18.890   | AGC MAYG - Calculated   |
| 6/3/2015 8/46 6/3/2015 10/32 6/3/2015 10/32 6/3/2015 11/35 6/3/2015 11/35 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 13/35 6/3/2015 13/35 6/3/2015 13/35 6/3/2015 13/35 6/3/2015 13/35 6/3/2015 13/35 6/3/2015 15/37 6/3/2015 15/37 6/3/2015 15/37 6/3/2015 15/37 6/3/2015 15/37 6/3/2015 15/37 6/3/2015 15/37 6/3/2015 13/35 6/3/2015 13/35 6/3/2015 13/35 6/3/2015 13/35 6/3/2015 13/35 6/3/2015 13/35 6/3/2015 13/35 6/3/2015 13/35 6/3/2015 13/35 6/3/2015 13/35   | 0.03 0.25 0.24 2.10 0.08 0.00 0.01 0.01 0.01 0.02 0.05 0.05 0.05 0.05 0.05 0.05 0.05   | RWPII RWPII RWPII RWPII RWPII RWPII AWE AWE AWE AWE AWE AWE AWE RWPII AWE  | 0.079 0.060 1.831 0.994 24.869 0.001 0.001 0.001 0.003 0.033 0.353 6.711 0.017 0.012 0.027 0.004 0.007 0.001 0.007 0.007 0.001 0.007 | 12.061 8.591 16.158 15.532 18.994 21.000 21.000 19.740 20.027 20.333 20.847 21.000 21.000 21.000 21.000 21.000 21.000 21.000 15.216 20.990 21.000 17.802 16.672 18.313 12.657 19.887 21.000 18.090 21.000  | AGC MAYG - Calculated   |
| 6/3/2015 8/3/<br>6/3/2015 10:17<br>6/3/2015 10:14<br>6/3/2015 11:35<br>6/3/2015 11:35<br>6/3/2015 12:39<br>6/3/2015 12:39<br>6/3/2015 12:39<br>6/3/2015 12:35<br>6/3/2015 13:35<br>6/3/2015 13:35<br>6/3/2015 16:35<br>6/3/2015 16:35<br>6/3/2015 16:35<br>6/3/2015 16:35<br>6/3/2015 16:35<br>6/3/2015 16:35<br>6/3/2015 16:35<br>6/3/2015 16:35<br>6/3/2015 16:35<br>6/3/2015 16:35  | 0.03 0.22 0.22 0.08 0.00 0.01 0.01 0.01 0.02 0.01 0.02 0.03 0.02 0.03 0.03 0.03 0.03 0.03  | R WP-II R WP-I | 0.079 0.080 1.331 0.994 24.889 0.0071 0.0071 0.008 0.008 0.039 0.353 6.7171 0.017 0. | 12.061 8.591 16.188 16.532 18.984 21.000 21.000 19.740 20.027 20.333 20.847 21.000  | AGC MAYG - Calculated   |
| 6/3/2015 8:49 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 11:35 6/3/2015 12:39 6/3/2015 12:39 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 12:35   | 0.03 0.22 0.22 0.03 0.00 0.00 0.00 0.00  | RWPII RWPII RWPII RWPII RWPII RWPII RWPII RWPII AWE AWE AWE AWE AWE AWE AWE RWPII RWPII RWPII RWPII RWPII RWPII AWE RWPII  | 0.079 0.060 1.831 0.994 24.869 0.001 0.001 0.002 0.003 0.353 6.771 0.017 0.012 0.027 0.004 0.007 0.009 0.007 0.007 0.017 0.017 0.017 0.017 0.017 0.017 0.017 0.07 0.0  | 12.061 8.591 16.158 15.532 18.994 21.000 21.000 19.740 20.027 21.033 20.847 21.000 21.000 21.000 21.000 21.000 15.216 16.572 18.313 12.657 19.887 21.000 18.090 21.000 5.594 6.672 18.090 5.594 6.672 19.887   | AGC MAYG - Calculated   |
| 6/3/2015 8:86 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 11:31 6/3/2015 11:31 6/3/2015 12:32 6/3/2015 12:32 6/3/2015 12:33 6/3/2015 12:33 6/3/2015 13:33 6/3/2015 13:33 6/3/2015 13:33 6/3/2015 13:33 6/3/2015 13:33 6/3/2015 13:33 6/3/2015 15:33 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 22:24 6/3/2015 22:24 6/3/2015 22:24 6/3/2015 12:24  | 0.03 0.22 0.22 2.10 0.08 0.07 0.07 0.07 0.07 0.07 0.07 0.0   | RWPII RWPII RWPII RWPII RWPII RWPII RWPII AWE AWE AWE AWE AWE AWE AWE RWPII  | 0.079 0.060 1.831 0.994 24.869 0.001 0.001 0.003 0.003 0.033 0.571 0.017 0.017 0.007 | 12.061 8.591 16.158 16.532 18.994 21.000 21.000 19.740 20.027 20.333 20.847 21.000  | AGC MAYG - Calculated   |
| 6/3/2015 8:49 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 11:35 6/3/2015 12:39 6/3/2015 12:39 6/3/2015 12:33 6/3/2015 12:33 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 19:45 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 12:35  | 0.03 0.22 0.22 0.03 0.00 0.00 0.00 0.00  | RWPII RWPII RWPII RWPII RWPII RWPII RWPII RWPII AWE AWE AWE AWE AWE AWE AWE RWPII RWPII RWPII RWPII RWPII RWPII AWE RWPII  | 0.079 0.060 1.831 0.994 24.869 0.001 0.001 0.002 0.003 0.353 6.771 0.017 0.012 0.027 0.004 0.007 0.009 0.007 0.007 0.017 0.017 0.017 0.017 0.017 0.017 0.017 0.07 0.0  | 12.061 8.591 16.158 15.532 18.994 21.000 21.000 19.740 20.027 21.000 15.216 20.990 21.000  | AGC MAYG - Calculated   |
| 6/3/2015 8:46 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 11:35 6/3/2015 12:39 6/3/2015 12:39 6/3/2015 12:39 6/3/2015 12:39 6/3/2015 12:39 6/3/2015 12:39 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 15:35  | 0.03 0.22 0.22 0.00 0.00 0.00 0.00 0.00  | RWPII RWPII RWPII RWPII RWPII RWPII RWPII RWPII AWE AWE AWE AWE AWE AWE RWPII  | 0.079 0.080 1.831 0.994 24.889 0.001 0.001 0.003 0.003 0.033 0.353 6.771 0.017   | 12.061 8.591 16.158 16.532 18.994 21.000 21.000 19.740 20.027 20.333 20.847 21.000 21.000 21.000 21.000 21.000 21.000 17.802 16.612 18.313 12.657 19.887 21.000 18.099 21.000 19.202 10.002 10. | AGC MAYG - Calculated   |
| 6/3/2015 8/46 6/3/2015 10/32 6/3/2015 10/32 6/3/2015 10/32 6/3/2015 10/32 6/3/2015 11/30 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 16/37 6/3/2015 16/37 6/3/2015 16/37 6/3/2015 16/37 6/3/2015 16/37 6/3/2015 19/35 6/3/201 | 0.03 0.22 0.22 0.23 0.00 0.00 0.00 0.00  | RWPII RWPII RWPII RWPII RWPII RWPII RWPII RWPII AWE AWE AWE AWE AWE AWE AWE RWPII  | 0.079 0.080 1.831 0.994 24.889 0.001 0.001 0.005 0.005 0.005 0.005 0.007 | 12.061 8.591 16.158 16.532 18.994 21.000 19.740 20.027 20.333 20.847 21.000  | AGC MAYG - Calculated   |
| 6/3/2015 8/3/20 6/3/2015 10:17 6/3/2015 10:17 6/3/2015 10:12 6/3/2015 11:31 6/3/2015 11:35 6/3/2015 12:39 6/3/2015 12:39 6/3/2015 12:39 6/3/2015 12:39 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 16:35 6/3/2 | 0.03 0.22 0.22 0.08 0.00 0.01 0.01 0.01 0.02 0.01 0.02 0.03 0.02 0.04 0.03 0.03 0.04 0.03 0.04 0.03 0.05 0.05 0.05 0.05 0.05 0.05 0.05 | R WP-II R WP-I | 0.079 0.080 1.831 0.994 24.889 0.001 0.001 0.003 0.003 0.0353 6.711 0.017 0.01 | 12.061 8.591 16.188 16.518 16.518 17.502 18.984 21.000 21.000 19.740 20.027 20.333 20.847 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 17.802 18.313 12.657 19.887 21.000 18.090 21.000 17.802 17.000 18.1000 18.200 18.200 18.200 18.200 21.000 21.000 21.000 21.000 21.000  | AGC MAYG - Calculated   |
| 6/3/2015 8:49 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 11:35 6/3/2015 12:39 6/3/2015 12:39 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 12:35  | 0.03 0.22 0.22 0.02 0.00 0.00 0.00 0.00  | RWPII RWPII RWPII RWPII RWPII RWPII RWPII RWPII RWPII AWE  | 0.079 0.080 1.831 0.994 24.889 0.001 0.007 0.002 0.003 0.353 6.771 0.017 0.012 0.027 0.027 0.027 0.018 0.017 0.017 0.012 0.027 0.027 0.027 0.027 0.028 0.028 0.027 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029   | 12.061 8.591 16.158 15.532 18.994 21.000 21.000 19.740 20.027 21.033 20.847 21.000 21.000 21.000 21.000 21.000 15.216 20.990 21.000 21.000 17.802 16.572 18.313 12.657 19.887 21.000 21.000 5.594 8.204 17.281 17.281 21.000 14.535 21.000 21.000  | AGC MAYG - Calculated   |
| 6/3/2015 8/3/2015 10:17 6/3/2015 10:17 6/3/2015 10:14 6/3/2015 11:31 6/3/2015 11:35 6/3/2015 12:29 6/3/2015 12:29 6/3/2015 12:29 6/3/2015 12:29 6/3/2015 12:29 6/3/2015 12:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 16: | 0.03 0.22 2.10 0.08 0.07 0.07 0.07 0.07 0.07 0.07 0.0  | RWPII RWPII RWPII RWPII RWPII RWPII RWPII RWPII AWE  | 0.079 0.089 0.089 1.331 0.994 24.889 0.0001 0.001 0.002 0.0039 0.353 6.711 0.017 0.0 | 12.061 8.591 16.188 16.532 18.984 21.000 21.000 19.740 20.027 20.333 20.847 21.000  | AGC MAYG - Calculated   |
| 6/3/2015 8:49 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 10:74 6/3/2015 11:35 6/3/2015 12:29 6/3/2015 12:29 6/3/2015 12:29 6/3/2015 12:29 6/3/2015 12:33 6/3/2015 13:33 6/3/2015 13:35 6/3/2015 13:32 6/3/2015 13:32 6/3/2015 13:32 6/3/2015 13:32 6/3/2015 13:32 6/3/2015 13:32 6/3/2015 13:32 6/3/2015 13:32 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 16:34 6/3/2015 12:25 6/3/2015 22:25  | 0.03 0.22 0.22 0.00 0.00 0.00 0.00 0.00  | RWPII RWPII RWPII RWPII RWPII RWPII RWPII RWPII RWPII AWE  | 0.079 0.080 1.831 0.994 24.889 0.001 0.007 0.002 0.003 0.353 6.771 0.017 0.012 0.027 0.027 0.027 0.018 0.017 0.017 0.012 0.027 0.027 0.027 0.027 0.028 0.028 0.027 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029   | 12.061 8.591 16.158 15.532 18.994 21.000 21.000 19.740 20.333 20.847 21.000  | AGC MAYG - Calculated   |
| 6/3/2015 8/3/20 6/3/2015 10:17 6/3/2015 10:17 6/3/2015 11:31 6/3/2015 11:35 6/3/2015 11:35 6/3/2015 12:29 6/3/2015 12:29 6/3/2015 12:29 6/3/2015 12:29 6/3/2015 12:35 6/3/2015 12:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 13:35 6/3/2015 16:35 6/3/2 | 0.03 0.22 2.10 0.08 0.07 0.07 0.07 0.07 0.07 0.07 0.0  | RWPII  | 0.079 0.080 1.831 0.994 24.889 0.001 0.007 0.002 0.003 0.0353 6.771 0.017 0.012 0.027 0.044 0.047 0.017 0.0172 0.058 0.058 0.078 0.088 0.088 0.088 0.088 0.088 0.088 0.088 0.088   | 12.061 8.591 16.158 16.158 16.532 18.994 21.000 21.000 19.740 20.333 20.847 21.000  | AGC MAYG - Calculated   |
| 6/3/2015 8/46 6/3/2015 10/34 6/3/2015 11/34 6/3/2015 11/34 6/3/2015 11/34 6/3/2015 11/35 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 16/3/ 6/3/2015 16/3/ 6/3/2015 16/3/ 6/3/2015 16/3/ 6/3/2015 16/3/ 6/3/2015 16/3/ 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 22/37 6/4/2015 11/3 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37  | 0.03 0.22 0.22 0.21 0.03 0.00 0.01 0.01 0.01 0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03   | RWPII  | 0.079 0.080 1.831 0.994 24.889 0.001 0.001 0.001 0.003 0.033 0.353 6.711 0.017 0.012 0.027 0.028 0.028 0.028 0.028 0.028 0.028 0.028 0.028 0.028 0.028 0.034 0.034 0.034   | 12.061 8.591 16.158 16.158 16.552 18.994 21.000 19.740 20.027 21.333 20.847 21.000 20.057 11.080 21.000 20.730 20.457 11.080 20.737 11.080  | AGC MAYG - Calculated |
| 6/3/2015 8:49 6/3/2015 10:17 6/3/2015 10:17 6/3/2015 10:14 6/3/2015 11:31 6/3/2015 11:31 6/3/2015 11:31 6/3/2015 12:32 6/3/2015 12:33 6/3/2015 12:33 6/3/2015 12:33 6/3/2015 13:33 6/3/2015 13:33 6/3/2015 13:33 6/3/2015 13:33 6/3/2015 16:33 6/3/2015 16:33 6/3/2015 16:33 6/3/2015 16:33 6/3/2015 16:34 6/3/2015 16:35 6/3/2015 16:30   | 0.03 0.22 0.22 0.08 0.00 0.00 0.01 0.01 0.02 0.01 0.02 0.03 0.02 0.04 0.03 0.04 0.03 0.04 0.03 0.05 0.05 0.05 0.05 0.05 0.05 0.05      | RWPII RWPII RWPII RWPII RWPII RWPII RWPII RWPII AWE  | 0.079 0.080 1.831 0.994 24.889 0.001 0.001 0.003 0.003 0.033 0.353 6.771 0.017 0.001   | 12.061 8.391 16.188 16.532 18.984 21.000 21.000 19.740 20.323 20.847 21.000 15.216 20.990 21.000 18.313 12.657 19.887 21.000 18.090 21.000   | AGC MAYG - Calculated                       |
| 6/3/2015 8/46 6/3/2015 10/34 6/3/2015 11/34 6/3/2015 11/34 6/3/2015 11/34 6/3/2015 11/35 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 12/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 13/37 6/3/2015 16/3/ 6/3/2015 16/3/ 6/3/2015 16/3/ 6/3/2015 16/3/ 6/3/2015 16/3/ 6/3/2015 16/3/ 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 19/35 6/3/2015 22/37 6/4/2015 11/3 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37 6/4/2015 23/37  | 0.03 0.22 0.22 0.08 0.00 0.00 0.01 0.01 0.02 0.01 0.02 0.03 0.02 0.04 0.03 0.04 0.03 0.04 0.03 0.05 0.05 0.05 0.05 0.05 0.05 0.05      | RWPII  | 0.079 0.080 1.831 0.994 24.889 0.001 0.001 0.001 0.003 0.033 0.353 6.711 0.017 0.012 0.027 0.028 0.028 0.028 0.028 0.028 0.028 0.028 0.028 0.028 0.028 0.034 0.034 0.034   | 12.061 8.591 16.158 15.532 18.994 21.000 21.000 19.740 20.027 21.033 20.847 21.000 20.007 11.000 20.007 11.000 20.007 11.000 20.007 11.000 20.007 11.000 20.007 11.000 20.007 11.000 20.007 11.000 20.007 11.000 20.007 11.000 20.007 11.000 20.007 11.000 20.007 11.000 20.007 11.000 20.007 11.000 20.007 11.000 20.007 20. | AGC MAYG - Calculated |

| +++ | Maul<br>Electric |
|-----|------------------|

| Electric   |  |   |  |  | PAGE 3 OF  |
|--|--|---|--|--|--|
| Start Date and Time  |  | IPP Curtailed   |  | Peak MW Curtailed  | Reasons for Curtailment  |
| 6/7/2015 0:10<br>6/7/2015 1:00   | 0:48<br>0:01   | KWPII<br>KWPII  | 3.134<br>0.010   |  | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/7/2015 1:19  | 0:02   | KWPII   | 0.039  |  | AGC MAVG - calculated  |
| 6/7/2015 1:24  | 3:09   | KWPII   | 39.887   | 19.172   | AGC MAVG - calculated  |
| 6/7/2015 3:06  | 0:48   | MH  | Data is not available  | Data is not available  | AGC MAVG - calculated and AGC MAVG - entered - Maintaining Regulating Reserves   |
| 6/7/2015 3:06  | 0:19   | KWP   | 0.850  | 25.809   | AGC MAVG - entered - Maintaining Regulating Reserves   |
| 6/7/2015 3:07<br>6/7/2015 3:17   | 0:09<br>0:13   | AWE<br>AWE  | 0.074<br>0.042   |  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves  |
| 6/7/2015 3:17  | 0:03   | KWP   | 0.042  |  | AGC MAVG - entered - Maintaining Regulating Reserves   |
| 6/7/2015 3:30  | 0:01   | KWP   | 0.014  | 24.864   | AGC MAVG - entered - Maintaining Regulating Reserves   |
| 6/7/2015 3:32  | 0:15   | KWP   | 0.202  | 25.282   | AGC MAVG - entered - Maintaining Regulating Reserves   |
| 6/7/2015 4:36  | 0:05   | KWPII   | 0.491  |  | AGC MAVG - calculated  |
| 6/7/2015 6:24  | 0:01   | KWPII   | 0.016  |  | AGC MAVG - calculated  |
| 6/7/2015 6:32<br>6/7/2015 6:45   | 1:30<br>0:05   | KWPII<br>5A   | Data is not available  | 18.698<br>Data is not available  | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/7/2015 6:45  | 0:05   | BS  | Data is not available  |  | AGC MAVG - calculated  |
| 6/7/2015 8:05  | 0:02   | KWPII   | 0.061  |  | AGC MAVG - calculated  |
| 6/7/2015 9:09  | 0:18   | KWPII   | 1.142  |  | AGC MAVG - calculated  |
| 6/7/2015 9:29<br>6/7/2015 9:38   | 0:05   | KWPII<br>KWPII  | 0.164  | 11.635   | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/7/2015 10:22   | 0:36<br>0:04   | KWPII   | 3.081<br>0.124   |  | AGC MAVG - calculated  |
| 6/7/2015 10:32   | 0:09   | KWPII   | 0.290  |  | AGC MAVG - calculated  |
| 6/7/2015 10:42   | 0:11   | KWPII   | 0.247  | 9.954  | AGC MAVG - calculated  |
| 6/7/2015 10:54   | 0:07   | KWPII   | 0.253  |  | AGC MAVG - calculated  |
| 6/7/2015 11:08   | 0:01<br>0:03   | KWPII<br>KWPII  | 0.018<br>0.105   |  | AGC MAVG - calculated  |
| 6/7/2015 11:12<br>6/7/2015 11:16   | 0:03   | KWPII   | 0.105  |  | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/7/2015 11:19   | 0:02   | KWPII   | 0.195  |  | AGC MAVG - calculated  |
| 6/7/2015 11:28   | 0:01   | KWPII   | 0.011  | 10.051   | AGC MAVG - calculated  |
| 6/7/2015 11:31   | 1:54   | KWPII   | 9.837  |  | AGC MAVG - calculated  |
| 6/7/2015 13:29   | 0:02   | KWPII   | 0.051  | 10.603   | AGC MAVG - calculated  |
| 6/7/2015 13:39<br>6/7/2015 16:07   | 0:03   | KWPII   | 0.074<br>0.062   |  | AGC MAVG - calculated and Good Engineering and Operating Practices AGC MAVG - calculated   |
| 6/7/2015 16:13   | 0:05   | KWPII   | 0.169  |  | AGC MAVG - calculated  |
| 6/7/2015 16:20   | 0:03   | KWPII   | 0.080  | 20.430   | AGC MAVG - calculated  |
| 6/7/2015 17:28   | 0:01   | KWPII   | 0.009  | 19.656   | AGC MAVG - calculated and Good Engineering and Operating Practices   |
| 6/7/2015 17:55   | 0:31   | KWPII   | 2.724  | 20.671   | AGC MAVG - entered - Maintaining Regulating Reserves and AGC MAVG - calculated   |
| 6/7/2015 21:14<br>6/7/2015 21:21   | 0:01<br>0:01   | KWPII<br>KWPII  | 0.008<br>0.017   |  | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/7/2015 21:21   | 0:01   | KWPII   | 0.017  |  | AGC MAVG - calculated  AGC MAVG - calculated   |
| 6/7/2015 21:30   | 0:03   | KWPII   | 0.087  |  | AGC MAVG - calculated  |
| 6/7/2015 21:37   | 0:01   | KWPII   | 0.003  | 12.023   | AGC MAVG - calculated  |
| 6/7/2015 21:53   | 0:20   | KWPII   | 1.280  |  | AGC MAVG - calculated  |
| 6/7/2015 23:33<br>6/8/2015 0:51  | 3:41   | KWPII   | 51.853   |  | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/8/2015 0:53  | 0:01<br>0:15   | AWE   | 0.011<br>0.632   |  | AGC MAVG - calculated  |
| 6/8/2015 1:09  | 0:57   | AWE   | 1.916  | 5.377  | AGC MAVG - calculated and AGC MAVG - entered - Maintaining Regulating Reserves   |
| 6/8/2015 1:16  | 0:48   | MH  | Data is not available  | Data is not available  | AGC MAVG - entered - Maintaining Regulating Reserves   |
| 6/8/2015 1:42  | 0:19   | KWP   | 0.846  |  | AGC MAVG - entered - Maintaining Regulating Reserves   |
| 6/8/2015 2:10  | 0:02   | AWE   | 0.020  |  | AGC MAVG - calculated  |
| 6/8/2015 2:17<br>6/8/2015 2:29   | 0:04<br>0:01   | AWE<br>AWE  | 0.080<br>0.023   |  | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/8/2015 2:35  | 0:01   | AWE   | 0.025  |  | AGC MAVG - calculated  |
| 6/8/2015 2:38  | 0:01   | AWE   | 0.016  |  | AGC MAVG - calculated  |
| 6/8/2015 2:40  | 0:19   | AWE   | 0.817  |  | AGC MAVG - calculated  |
| 6/8/2015 3:00  | 0:01   | AWE   | 0.027  | 2.730  |  |
| 6/8/2015 3:04<br>6/8/2015 3:15   | 0:09<br>0:21   | AWE<br>MH   | 0.284 Data is not available  | Data is not available  | AGC MAVG - calculated AGC MAVG - entered - Maintaining Regulating Reserves   |
| 6/8/2015 3:16  | 4:50   | KWPII   | 61.259   |  |  |
|  |  |   |  |  |  |
| 6/8/2015 3:17  | 0:21   | AWE   | 0.664  |  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves  |
| 6/8/2015 3:17<br>6/8/2015 3:20   | 0:21<br>0:04   | AWE<br>KWP  | 0.664<br>0.043   | 6.403<br>26.261  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves  |
| 6/8/2015 3:17<br>6/8/2015 3:20<br>6/8/2015 8:14  | 0:21<br>0:04<br>2:54   | AWE<br>KWP<br>KWPII   | 0.664<br>0.043<br>41.842   | 6.403<br>26.261<br>20.296  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:17<br>6/8/2015 3:20<br>6/8/2015 8:14<br>6/8/2015 9:01   | 0:21<br>0:04<br>2:54<br>0:01   | AWE<br>KWP<br>KWPII<br>AWE  | 0.664<br>0.043<br>41.842<br>0.015  | 6.403<br>26.261<br>20.296<br>19.120  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated AGC MAVG - calculated  |
| 6/8/2015 3:17<br>6/8/2015 3:20<br>6/8/2015 8:14<br>6/8/2015 9:01<br>6/8/2015 9:42  | 0:21<br>0:04<br>2:54<br>0:01<br>0:01   | AWE<br>KWP<br>KWPII<br>AWE<br>AWE   | 0.664<br>0.043<br>41.842<br>0.015<br>0.021   | 6.403<br>26.261<br>20.296<br>19.120<br>17.913  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated AGC MAVG - calculated AGC MAVG - calculated  |
| 6/8/2015 3:17<br>6/8/2015 3:20<br>6/8/2015 8:14<br>6/8/2015 9:01   | 0:21<br>0:04<br>2:54<br>0:01   | AWE<br>KWP<br>KWPII<br>AWE  | 0.664<br>0.043<br>41.842<br>0.015  | 6.403<br>26.261<br>20.296<br>19.120<br>17.913<br>18.290<br>20.563  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:17<br>6/8/2015 3:20<br>6/8/2015 3:20<br>6/8/2015 9:01<br>6/8/2015 9:01<br>6/8/2015 9:05<br>6/8/2015 10:15<br>6/8/2015 10:15   | 0:21<br>0:04<br>2:54<br>0:01<br>0:01<br>0:01<br>0:06<br>0:02   | AWE<br>KWP<br>KWPII<br>AWE<br>AWE<br>AWE<br>AWE   | 0.664<br>0.043<br>41.842<br>0.015<br>0.021<br>0.025<br>0.238   | 6.403<br>26.261<br>20.296<br>19.120<br>17.913<br>18.290<br>20.563<br>18.167  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:17<br>6/8/2015 3:20<br>6/8/2015 8:14<br>6/8/2015 9:01<br>6/8/2015 9:56<br>6/8/2015 10:15<br>6/8/2015 10:25<br>6/8/2015 10:26  | 0:21<br>0:04<br>2:54<br>0:01<br>0:01<br>0:01<br>0:06<br>0:02   | AWE KWP KWPII AWE AWE AWE AWE AWE AWE AWE AWE AWE   | 0.664<br>0.043<br>41.842<br>0.015<br>0.025<br>0.025<br>0.238<br>0.011  | 6.403<br>26.261<br>20.296<br>19.122<br>17.913<br>18.290<br>20.563<br>18.167<br>18.147  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:17<br>6/8/2015 3:20<br>6/8/2015 8:14<br>6/8/2015 9:01<br>6/8/2015 9:42<br>6/8/2015 10:15<br>6/8/2015 10:23<br>6/8/2015 10:23<br>6/8/2015 10:23  | 0:21<br>0:04<br>2:54<br>0:01<br>0:01<br>0:01<br>0:06<br>0:02<br>0:01   | AWE KWPI AWE  | 0.694 0.043 41.842 0.015 0.021 0.025 0.238 0.011 0.011   | 6.403<br>26.261<br>20.296<br>19.120<br>17.913<br>18.290<br>20.563<br>18.167<br>18.147  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:17 6/8/2015 3:20 6/8/2015 8:20 6/8/2015 9:31 6/8/2015 9:32 6/8/2015 9:32 6/8/2015 10:15 6/8/2015 10:25 6/8/2015 10:26 6/8/2015 10:26 6/8/2015 10:28   | 0:21<br>0:04<br>2:54<br>0:01<br>0:01<br>0:01<br>0:06<br>0:02<br>0:01<br>0:06   | AWE KWP KWPII AWE   | 0.664 0.043 41.842 0.015 0.021 0.025 0.238 0.011 0.010 0.140 0.095   | 6,403<br>26,261<br>20,296<br>19,120<br>17,913<br>18,290<br>20,563<br>18,167<br>18,147<br>19,337  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:17<br>6/8/2015 3:20<br>6/8/2015 8:14<br>6/8/2015 9:01<br>6/8/2015 9:42<br>6/8/2015 10:15<br>6/8/2015 10:23<br>6/8/2015 10:23<br>6/8/2015 10:23  | 0:21<br>0:04<br>2:54<br>0:01<br>0:01<br>0:01<br>0:06<br>0:02<br>0:01   | AWE KWPI AWE  | 0.694 0.043 41.842 0.015 0.021 0.025 0.238 0.011 0.011   | 6,403<br>26,281<br>20,296<br>19,120<br>17,913<br>18,290<br>20,563<br>18,167<br>18,147<br>19,337<br>19,200<br>20,625  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:70<br>6/8/2015 3:20<br>6/8/2015 8:40<br>6/8/2015 9:01<br>6/8/2015 9:05<br>6/8/2015 10:05<br>6/8/2015 10:05<br>6/8/2015 10:26<br>6/8/2015 10:26<br>6/8/2015 10:26<br>6/8/2015 11:70<br>6/8/2015 11:70<br>6/8/2015 15:41  | 0:21<br>0:04<br>2:54<br>0:01<br>0:01<br>0:01<br>0:02<br>0:01<br>0:06<br>0:03<br>4:28<br>0:01<br>0:28   | AWE KWPII AWE   | 0.694 0.043 41.842 0.015 0.021 0.025 0.238 0.011 0.010 0.340 0.098 55.832 0.000 1.199  | 6.403 26.281 20.296 19.120 17.913 18.299 20.563 18.167 19.337 19.200 20.625 21.000 19.044  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:70 6/8/2015 3:70 6/8/2015 9:70 6/8/2015 9:74 6/8/2015 9:74 6/8/2015 9:75 6/8/2015 9:75 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:70 6/8/2015 15:75  | 0:21<br>0:04<br>2:54<br>0:01<br>0:01<br>0:06<br>0:02<br>0:01<br>0:06<br>0:03<br>4:28<br>0:01<br>0:28   | AWE KWPII AWE AWE AWE AWE AWE AWE AWE AWE AWE KWPII AWE KWPII KWPII   | 0.694 0.043 41.842 0.015 0.021 0.025 0.238 0.011 0.010 0.140 0.095 55.832 0.000 1.199 0.005  | 6 403 26 261 20 296 19:120 17:913 18:299 20:563 18:167 18:147 19:337 19:200 20:625 21:000 19:044 20:708  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:7/<br>6/8/2015 3:20<br>6/8/2015 8:41<br>6/8/2015 9:41<br>6/8/2015 9:05<br>6/8/2015 10:15<br>6/8/2015 10:25<br>6/8/2015 10:25<br>6/8/2015 10:28<br>6/8/2015 11:70<br>6/8/2015 11:70<br>6/8/2015 15:45<br>6/8/2015 15:45<br>6/8/2015 15:45  | 0:21<br>0:04<br>2:54<br>0:01<br>0:01<br>0:06<br>0:02<br>0:01<br>0:06<br>0:03<br>4:28<br>0:01<br>0:28   | AWE KWPI KWPII AWE AWE AWE AWE AWE AWE KWPII AWE KWPII KWPII KWPII  | 0.694 0.043 41.842 0.015 0.021 0.025 0.238 0.011 0.010 0.340 0.098 55.832 0.000 1.199  | 6.403 28.281 20.296 19.120 17.913 18.299 20.563 18.167 19.327 19.327 19.320 20.825 21.000 19.044 20.708  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:70 6/8/2015 3:70 6/8/2015 9:70 6/8/2015 9:74 6/8/2015 9:74 6/8/2015 9:75 6/8/2015 9:75 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:70 6/8/2015 15:75  | 0:21<br>0:04<br>2:54<br>0:01<br>0:01<br>0:06<br>0:02<br>0:01<br>0:06<br>0:03<br>4:28<br>0:01<br>0:28   | AWE KWPII AWE AWE AWE AWE AWE AWE AWE AWE AWE KWPII AWE KWPII KWPII   | 0.694 0.043 41.842 0.015 0.025 0.025 0.031 0.010 0.140 0.095 55.832 0.000 1.199 0.005  | 6 403 26 281 20 296 19.120 17.913 18.299 20.563 18.167 19.337 19.200 20.625 21.000 19.044 20.708 20.707 20.707   | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 9:40 6/8/2015 9:41 6/8/2015 9:01 6/8/2015 9:02 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:10 6/8/2015 11:41 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 22:34   | 0:21<br>0:04<br>2:54<br>0:01<br>0:01<br>0:05<br>0:02<br>0:03<br>4:28<br>0:01<br>0:06<br>0:06<br>0:06<br>0:06<br>0:06<br>0:06<br>0:06   | AWE KWP KWPII AWE AWE AWE AWE AWE AWE KWPII AWE KWPII KWPII KWPII KWPII KWPII KWPII KWPII KWPII KWPII   | 0.664 0.043 41.842 0.015 0.021 0.025 0.238 0.011 0.010 0.140 0.095 55.832 0.000 1.199 0.005 0.003 0.005  | 6.403 28.281 20.296 19.120 17.913 18.299 20.563 18.187 19.337 19.200 20.625 21.000 19.044 20.708 20.707 20.642 20.681  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:70 6/8/2015 3:70 6/8/2015 9:70 6/8/2015 9:71 6/8/2015 9:72 6/8/2015 9:72 6/8/2015 9:72 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:70 6/8/2015 21:34 6/8/2015 21:34 6/8/2015 21:34 6/8/2015 21:34 6/8/2015 21:34 6/8/2015 21:34 6/8/2015 21:34 6/8/2015 21:34   | 0:21<br>0:04<br>2:554<br>0:01<br>0:01<br>0:06<br>0:02<br>0:03<br>4:28<br>0:01<br>0:03<br>0:03<br>0:03<br>0:05<br>0:05<br>0:05<br>0:05<br>0:05  | AWE KWPI KWPII AWE AWE AWE AWE AWE AWE AWE KWPII AWE KWPII KWPII KWPII KWPII KWPII KWPII KWPII KWPII  | 0.644 0.043 41.842 0.015 0.027 0.027 0.028 0.031 0.010 0.140 0.095 55.832 0.000 1.199 0.003 0.0403 0.0403 0.0403 0.0403  | 6 403 26.261 20.296 19.120 17.913 18.290 20.563 18.167 18.147 19.337 19.200 20.625 21.000 19.044 20.708 20.707 20.707 20.642 20.681 20.708   | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 8:40 6/8/2015 9:41 6/8/2015 9:01 6/8/2015 9:01 6/8/2015 10:15 6/8/2015 10:15 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:70 6/8/2015 11:70 6/8/2015 11:70 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37   | 0:21<br>0:04<br>2:54<br>0:01<br>0:01<br>0:01<br>0:01<br>0:02<br>0:03<br>4:28<br>0:02<br>0:01<br>0:06<br>0:05<br>0:05<br>0:05<br>0:05<br>0:05<br>0:05<br>0:05   | AWE KWP KWPII AWE AWE AWE AWE AWE AWE KWPII   | 0.664 0.043 41.842 0.015 0.025 0.025 0.028 0.011 0.010 0.140 0.095 55.832 0.000 1.199 0.005 0.003 0.463 0.076 0.001  | 6.403 28.281 20.296 19.120 17.913 18.299 20.563 18.167 18.147 19.337 19.200 20.625 21.000 19.044 20.708 20.707 20.707 20.707 20.707 20.625 21.000 19.044   | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:70 6/8/2015 9:72 6/8/2015 9:14 6/8/2015 9:14 6/8/2015 9:15 6/8/2015 9:15 6/8/2015 10:15 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:10 6/8/2015 12:134 6/8/2015 21:34 6/8/2015 21:34 6/8/2015 21:34 6/8/2015 21:34 6/8/2015 21:34 6/8/2015 21:34 6/8/2015 21:34 6/8/2015 21:34 6/8/2015 21:34 6/8/2015 21:34   | 0:21 0:21 0:21 0:01 0:01 0:01 0:01 0:01  | AWE KWPI KWPII AWE AWE AWE AWE AWE AWE AWE KWPII AWE KWPII KWPII KWPII KWPII KWPII KWPII KWPII KWPII  | 0.694 0.043 41.842 0.015 0.021 0.025 0.235 0.011 0.011 0.010 0.140 0.095 55.832 0.000 1.199 0.005 0.003 0.463 0.078 0.007 99.434 5.919 Data is not available   | 6 403 26.261 20.296 19.120 17.913 18.290 20.563 18.167 18.147 19.337 19.200 20.625 21.000 19.044 20.708 20.707 20.707 20.642 20.681 20.708   | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated AGC MAVG - entered - Maintaining Regulating Reserves  |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 8:40 6/8/2015 9:41 6/8/2015 9:01 6/8/2015 9:01 6/8/2015 10:15 6/8/2015 10:15 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:70 6/8/2015 11:70 6/8/2015 11:70 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37   | 0:21<br>0:04<br>2:54<br>0:01<br>0:01<br>0:01<br>0:01<br>0:02<br>0:03<br>4:28<br>0:02<br>0:01<br>0:06<br>0:05<br>0:05<br>0:05<br>0:05<br>0:05<br>0:05<br>0:05   | AWE KWPI KWPII AWE AWE AWE AWE AWE AWE AWE KWPII AWE KWPII  | 0.664 0.043 41.842 0.015 0.025 0.025 0.028 0.011 0.010 0.140 0.095 55.832 0.000 1.199 0.005 0.003 0.463 0.076 0.001  | 6 403 26 281 20 296 19:120 17:913 18:299 20:563 18:167 19:337 19:200 20:625 21:000 20:025 20:707 20:042 20:881 20:708 20:707 20:642 20:681 20:708 20:707 20:642 20:681 20:708 20:707 20:642 20:681 20:708 20:709 20:642 20:681 20:708 20:709 20:642 20:681 20:708 20:709 20:642 20:681 20:708 20:709 20:642 20:681 20:708 20:709 20:642 20:681 20:708 20:709 20:642 20:681 20:708 20:709 20:642 20:681 20:708 20:709 20:642 20:681 20:708 20:709 20:642 20:681 20:708 20:709 20:642 20:681 20:708 20:708 20:709 20:642 20:681 20:708 20:708 20:709 20:642 20:681 20:708 20: | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 8:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:45 6/8/2015 9:45 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:35 6/8/2015 11:35 6/8/2015 13:44 6/8/2015 13:44 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/9/2015 11:40   | 0:21<br>0:04<br>2:54<br>0:01<br>0:01<br>0:01<br>0:05<br>0:05<br>0:03<br>0:03<br>0:03<br>0:03<br>0:05<br>0:05   | AWE KWP KWPII AWE AWE AWE AWE AWE AWE AWE AWE AWE KWPII | 0.643 0.043 41.842 0.015 0.025 0.025 0.031 0.010 0.040 0.055 55.832 0.000 1.199 0.005 0.003 0.0463 0.0463 0.009 0. | 6,403 26,281 20,296 19,120 17,913 18,299 20,563 18,167 18,147 19,337 19,200 20,625 21,000 19,044 20,708 20,707 20,707 20,707 20,707 20,708  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves   |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 9:41 6/8/2015 9:41 6/8/2015 9:01 6/8/2015 9:01 6/8/2015 9:02 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:70 6/8/2015 11:70 6/8/2015 12:37 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 22:25 6/8/2015 22:25 6/8/2015 3:30 6/9/2015 3:30 6/9/2015 3:30 6/9/2015 3:30 6/9/2015 3:30 6/9/2015 3:30   | 0:21 0:04 0:05 0:05 0:07 0:07 0:07 0:08 0:09 0:09 0:09 0:09 0:09 0:09 0:09   | AWE KWP KWPII AWE AWE AWE AWE AWE AWE AWE AWE KWPII AWE   | 0.694 0.043 41,842 0.0115 0.021 0.025 0.238 0.011 0.010 0.140 0.140 0.140 0.095 55,832 0.000 1.199 0.003 0.463 0.003 0.463 0.007 99,494 5,919 Data is not available 5,936 0.000 6,9366 6,9366  | 6.403 28.281 20.296 19.120 17.913 18.299 20.563 18.187 19.337 19.200 20.625 21.000 20.625 21.000 20.707 20.647 20.707 20.647 20.7081 20.707 20.648 20.707 20.648 20.7081 20.7081 20.7081 20.7082 20.681 20.7082 20.681 20.7082 20.681 20.7082 20.681 20.7082 20.681 20.7082 20.681 20.7082 20.681 20.7082 20.681 20.7082 20.681 20.7082 20.681 20.7082 20.681 20.7082 20.681   | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated AGC MAVG - calculated   |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 8:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:43 6/8/2015 9:45 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:35 6/8/2015 11:35 6/8/2015 11:35 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30  | 0:21<br>0:04<br>2:54<br>0:01<br>0:01<br>0:01<br>0:06<br>0:02<br>0:01<br>0:03<br>4:28<br>0:02<br>0:01<br>0:05<br>0:01<br>0:05<br>0:01<br>0:05<br>0:01<br>0:05<br>0:01<br>0:05<br>0:01<br>0:05<br>0:01<br>0:05<br>0:05 | AWE KWP KWPII AWE   | 0.643 0.043 41.842 0.0715 0.027 0.025 0.031 0.010 0.140 0.140 0.055 55.832 0.000 0.003 0.043 0.003 0.043 0.003 0.043 0.003 0.043 0.003 0.043 0.003 0.043 0.003 0.043 0.003 0.043 0.003 0.003   | 6,403  26,261  20,298  19,120  17,913  18,290  20,563  18,167  18,147  19,337  19,200  20,625  21,000  19,0044  20,708  20,707  20,707  20,707  20,707  20,707  20,708  20,682  20,681  20,708   | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated  |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 9:41 6/8/2015 9:41 6/8/2015 9:01 6/8/2015 9:01 6/8/2015 9:02 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:70 6/8/2015 11:70 6/8/2015 12:37 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 22:25 6/8/2015 22:25 6/8/2015 3:30 6/9/2015 3:30 6/9/2015 3:30 6/9/2015 3:30 6/9/2015 3:30 6/9/2015 3:30   | 0:21 0:04 0:05 0:05 0:07 0:07 0:07 0:08 0:09 0:09 0:09 0:09 0:09 0:09 0:09   | AWE KWP KWPII AWE AWE AWE AWE AWE AWE AWE AWE KWPII AWE   | 0.694 0.043 41,842 0.0115 0.021 0.025 0.238 0.011 0.010 0.140 0.140 0.140 0.095 55,832 0.000 1.199 0.003 0.463 0.003 0.463 0.007 99,494 5,919 Data is not available 5,936 0.000 6,9366 6,9366  | 6.403 28.281 20.296 19.120 17.913 18.299 20.583 18.167 18.147 19.337 19.200 20.625 21.000 19.044 20.708 20.707 20.707 20.801 20.707 20.802 20.803   | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated AGC MAVG - calculated   |
| 6/8/2015 3:20 6/8/2015 3:20 6/8/2015 9:40 6/8/2015 9:40 6/8/2015 9:40 6/8/2015 9:00 6/8/2015 10:15 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:10 6/8/2015 11:30 6/8/2015 12:37 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 22:26 6/8/2015 22:26 6/8/2015 22:26 6/9/2015 10:36 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37  | 0:21 0:04 0:05 0:05 0:07 0:07 0:07 0:08 0:08 0:08 0:08 0:08  | AWE KWP KWPII AWE   | 0.694 0.043 41.842 0.015 0.025 0.025 0.028 0.011 0.010 0.140 0.095 55.832 0.000 1.199 0.005 0.003 0.463 0.076 0.001 0.003 0.463 0.078 0.001 99.494 0.001 99.494 0.001 99.494 0.001 69.366 12.344 0.001   | 6.403 28.281 20.296 19.120 17.913 18.299 20.563 18.167 18.147 19.337 19.200 20.625 21.000 19.044 20.708 20.707 20.707 20.642 20.681 20.708 20.707 20.625 21.000 20.707 20.707 20.642 20.681 20.708 20.707 20.642 20.681 20.708 20.708 20.671 16.623 16.520 17.047  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated   |
| 6/8/2015 3:72 6/8/2015 3:20 6/8/2015 9:41 6/8/2015 9:41 6/8/2015 9:42 6/8/2015 9:05 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:10 6/8/2015 11:10 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37   | 0:21 0:04 0:05 0:07 0:07 0:07 0:07 0:07 0:08 0:08 0:08   | AWE KWP KWPII AWE   | 0.694 0.003 41.842 0.015 0.021 0.025 0.228 0.010 0.010 0.010 0.010 0.010 0.005 0.000 0.000 0.000 0.000 0.001 | 6, 403 26, 281 20, 296 19, 120 17, 913 18, 299 20, 563 18, 187 19, 200 20, 625 21, 200 20, 625 21, 200 20, 625 21, 200 20, 625 21, 200 20, 625 21, 200 20, 625 21, 200 20, 625 21, 200 20, 625 21, 200 20, 625 20, 707 20, 642 20, 681 20, 708 20, 707 20, 642 20, 681 20, 708 | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated   |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 8:40 6/8/2015 9:41 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 11:75 6/8/2015 11:75 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 11:05 6/9/2015 11:10 6/9/2015 11:10 6/9/2015 11:10 6/9/2015 11:10 6/9/2015 11:10   | 0:21 0:04 0:05 0:06 0:07 0:07 0:07 0:08 0:08 0:08 0:08 0:08  | AWE KWP KWPII AWE AWE AWE AWE AWE AWE AWE AWE AWE KWPII AWE   | 0.694 0.043 41.842 0.015 0.025 0.025 0.021 0.010 0.010 0.035 0.031 0.010 0.040 0.085 0.003 0.040 0.003 0.040 0.003 0.040 0.003 0.040 0.003 0.040 0.001 0.003 0.040 0.001 0.003 | 6.403 28.281 20.296 19.120 17.913 18.299 20.563 18.167 18.147 19.337 19.200 20.825 21.000 19.044 20.708 20.707 20.707 20.707 20.707 20.708 20.825 20.825 21.000 19.044 20.881 20.708 20.707 20.707 20.707 20.707 20.708 20.821 20.881 20.708 20.871 16.623 18.953 16.320 17.047 20.708   | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated AGC MAVG - calculated MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated   |
| 6/8/2015 3:72 6/8/2015 3:20 6/8/2015 9:41 6/8/2015 9:41 6/8/2015 9:42 6/8/2015 9:05 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:10 6/8/2015 11:10 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37   | 0:21 0:04 0:05 0:07 0:07 0:07 0:07 0:08 0:09 0:09 0:09 0:09 0:09 0:09 0:09   | AWE KWP KWPII AWE   | 0.694 0.043 41,842 0.015 0.025 0.028 0.021 0.010 0.010 0.010 0.010 0.010 0.010 0.003 | 6.403 28.281 20.296 19.120 17.913 18.299 20.563 18.187 19.337 19.200 20.625 21.000 20.625 21.000 20.707 20.647 20.708 20.707 20.648 20.707 20.648 20.707 20.648 20.707 20.648 20.707 20.651 10.293 0.650 20.708 20.707 10.293 10.2 | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated   |
| 6/8/2015 3:72 6/8/2015 3:20 6/8/2015 9:41 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:03 6/8/2015 9:05 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:03 6/8/2015 11:10 6/8/2015 12:37 6/8/2015 12:37 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 11:10 6/9/2015 11:10  | 0:21 0:04 0:05 0:06 0:07 0:07 0:07 0:08 0:08 0:08 0:08 0:08  | AWE KWP KWPII AWE AWE AWE AWE AWE AWE AWE AWE AWE KWPII AWE   | 0.694 0.043 41.842 0.015 0.025 0.025 0.021 0.010 0.010 0.035 0.031 0.010 0.040 0.085 0.003 0.040 0.003 0.040 0.003 0.040 0.003 0.040 0.003 0.040 0.003 0.040 0.001 0.003 0.040 0.001 0.003 0.040 0.001 0.003 | 6,403 26,281 20,296 191,202 17,913 18,290 20,563 18,167 18,147 19,337 19,200 20,625 21,000 19,004 20,707 20,707 20,707 20,707 20,707 20,707 20,707 20,707 20,707 20,707 20,707 20,707 20,707 20,707 20,707 20,707 20,707 20,708 20,621 20,681 20,682 20,682 20,683 10,293 Data is not available 20,708 2 | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated   |
| 6/8/2015 3:70 6/8/2015 3:70 6/8/2015 3:70 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:45 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:35 6/8/2015 10:35 6/8/2015 11:35 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:35 6/9/2015 21:35 6/9/2015 21:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35   | 0:21 0:04 0:05 0:07 0:07 0:07 0:07 0:07 0:08 0:02 0:07 0:08 0:09 0:09 0:09 0:09 0:09 0:09 0:09   | AWE KWP KWPII AWE   | 0.643 0.043 11.842 0.0115 0.027 0.025 0.027 0.037 0.0110 0.140 0.150 0.055 0.000 0.003   | 6.403 26.261 26.262 19.120 17.913 18.290 20.563 18.167 18.147 19.337 19.200 20.652 21.000 19.044 20.708 20.707 20.707 20.707 20.707 20.707 20.707 20.708 20.612 20.681 20.682 20.681 20.682 20.681 20.708 20. | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated   |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 3:20 6/8/2015 9:41 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 12:37 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31  | 0:21 0:04 0:05 0:07 0:07 0:07 0:07 0:08 0:08 0:08 0:08   | AWE KWP KWPII AWE   | 0.684 0.043 41.842 0.015 0.021 0.025 0.238 0.011 0.010 0.038 0.039 0.003 1.199 0.005 0.003 0.078 0.001 0.003 0.0483 0.078 0.001 0.003 0.003 0.078 0.003 0.003 0.078 0.003  | 6.403 28.281 20.296 19.120 17.913 18.299 20.563 18.167 18.147 19.337 19.200 20.625 21.000 19.044 20.708 20.707 20.707 20.707 20.642 20.681 20.708 20.708 20.707 20.642 20.681 20.708 20.708 20. | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated   |
| 6/8/2015 3:70 6/8/2015 3:70 6/8/2015 3:70 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:45 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:35 6/8/2015 11:35 6/8/2015 11:35 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 22:28 6/8/2015 22:28 6/8/2015 22:28 6/8/2015 22:28 6/8/2015 22:28 6/8/2015 22:28 6/8/2015 22:28 6/8/2015 22:28 6/8/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 11:32  | 0:21 0:04 0:04 0:05 0:07 0:07 0:07 0:07 0:08 0:02 0:07 0:08 0:08 0:08 0:09 0:09 0:09 0:09 0:09   | AWE KWP KWPII AWE   | 0.684 0.043 1.842 0.0715 0.027 0.027 0.027 0.038 0.010 0.040 0.050 | 6.403 28.281 20.296 19.120 17.913 18.299 20.563 18.187 19.337 19.200 20.625 21.000 20.625 21.000 20.625 21.000 20.625 21.000 20.625 20.707 20.647 20.707 20.642 20.681 20.708 20.707 20.640 20.681 20.708 20.707 20.640 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.671 10.293 16.293 17.047 20.708 16.593 16.320 17.047 20.708 16.593 16.300 17.1501 15.303  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated   |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 3:20 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:03 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:25 6/8/2015 12:37 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35 6/9/2015 11:35   | 0:21 0:04 0:05 0:06 0:07 0:07 0:07 0:08 0:08 0:08 0:08 0:08  | AWE KWP KWPII AWE   | 0.684 0.043 41.842 0.015 0.025 0.025 0.027 0.017 0.010 0.040 0.035 55.832 0.000 1.189 0.005 0.003 0.048 0.048 0.091 0.001 0.003 0.058 0.001 0.003  | 6.403 28.281 20.296 19.120 17.913 18.299 20.563 18.167 18.147 19.337 19.200 20.625 21.000 19.044 20.708 20.707 20.642 20.681 20.708 20.707 20.642 20.682 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.708 20.707 20.708 20. | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated   |
| 6/8/2015 3:70 6/8/2015 3:70 6/8/2015 3:70 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:45 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:35 6/8/2015 11:35 6/8/2015 11:35 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 22:28 6/8/2015 22:28 6/8/2015 22:28 6/8/2015 22:28 6/8/2015 22:28 6/8/2015 22:28 6/8/2015 22:28 6/8/2015 22:28 6/8/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 11:32  | 0:21 0:04 0:04 0:05 0:07 0:07 0:07 0:07 0:08 0:02 0:07 0:08 0:08 0:08 0:09 0:09 0:09 0:09 0:09   | AWE KWP KWPII AWE   | 0.684 0.043 1.842 0.0715 0.027 0.027 0.027 0.038 0.010 0.040 0.050 | 6.403 28.281 20.296 19.120 17.913 18.299 20.583 18.187 19.337 19.200 20.625 21.000 19.044 20.707 20.647 20.707 20.647 20.707 20.647 20.707 20.647 20.707 20.647 20.707 20.647 20.707 20.647 20.707 20.647 20.707 20.647 20.707 20.647 20.7081 20.709 20.707 20.647 20.7081   | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated   |
| 6/8/2015 3:72 6/8/2015 3:20 6/8/2015 9:41 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:03 6/8/2015 9:03 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 11:75 6/8/2015 11:75 6/8/2015 11:75 6/8/2015 12:37 6/8/2015 12:37 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:34 6/8/2015 22:35 6/8/2015 22:35 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 11:17   | 0:21 0:04 0:04 0:05 0:07 0:07 0:07 0:08 0:09 0:09 0:09 0:09 0:09 0:09 0:09   | AWE KWP KWPII AWE   | 0.684 0.043 41.842 0.015 0.025 0.025 0.028 0.016 0.017 0.010 0.010 0.010 0.010 0.010 0.003   | 6.403 28.281 20.296 19.120 17.913 18.299 20.563 18.167 18.147 19.337 19.200 20.825 21.000 19.044 20.708 20.707 20.707 20.707 20.707 20.707 20.707 20.708 20.825 20.828  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated               |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 3:20 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 11:75 6/8/2015 11:75 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 11:35   | 0:21 0:04 0:05 0:07 0:07 0:07 0:07 0:08 0:02 0:07 0:08 0:07 0:08 0:07 0:08 0:07 0:08 0:08  | AWE KWP KWPII AWE AWE AWE AWE AWE AWE AWE AWE KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE AWE KWPII KWPII KWPII KWPII KWPII AWE   | 0.694 0.043 41.842 0.015 0.025 0.025 0.027 0.017 0.010 0.048 0.057 0.003 0.048 0.003 0.048 0.003 0.048 0.003 0.048 0.001 0.003 0.048 0.001 0.003 0.048 0.001 0.003   | 6.403 28.281 20.296 19.120 17.913 18.299 20.583 18.187 19.337 19.200 20.625 21.000 19.044 20.708 20.707 20.647 20.708 20.707 20.648 20.707 20.648 20.707 20.648 20.707 20.648 20.707 20.648 20.708 10.293 10. | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated   |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 8:40 6/8/2015 9:41 6/8/2015 9:42 6/8/2015 9:41 6/8/2015 9:03 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 10:35 6/9/2015 11:41 6/9/2015 11:41 6/9/2015 11:41 6/9/2015 11:41 6/9/2015 11:43 6/9/2015 23:30 6/9/2015 23:30 6/9/2015 23:30  | 0:21 0:04 0:05 0:06 0:06 0:06 0:06 0:06 0:07 0:07 0:07   | AWE KWP KWPII AWE   | 0.694 0.043 41.842 0.015 0.025 0.025 0.027 0.017 0.010 0.140 0.036 0.037 0.007   | 6.403 28.281 20.296 19.120 17.913 18.299 20.583 18.167 18.147 19.337 19.200 20.625 21.000 19.044 20.708 20.625 21.000 20.625 20.707 20.707 20.642 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.681 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708  | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated               |
| 6/8/2015 3:70 6/8/2015 3:70 6/8/2015 3:70 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 11:75 6/8/2015 11:75 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 11:75 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 11:75 6/9/2015 12:25 6/9/2015 22:25 6/9/2015 22:25 6/9/2015 23:25 6/9/2015 23:25 6/9/2015 23:25   | 0:21 0:04 0:04 0:05 0:07 0:07 0:07 0:07 0:08 0:09 0:09 0:09 0:09 0:09 0:09 0:09  | AWE KWP KWPII AWE   | 0.643 0.043 11.842 0.0715 0.027 0.025 0.027 0.037 0.010 0.010 0.039 0.055 0.031 0.003 0.043 0.003 0.043 0.003 0.043 0.003 0.043 0.003 0.043 0.003  | 6.403 28.281 20.289 19.120 17.913 18.290 20.563 18.167 18.147 19.337 19.200 20.652 21.000 19.004 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.708 20.618 20.708 20.618 20.708 20.618 10.293 20.618 20.708 20.618 10.293 10. | AGC MAYG - entered - Maintaining Regulating Reserves AGC MAYG - calculated AGC MAYG - ca |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 3:20 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:03 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 11:70 6/8/2015 15:43 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 12:33 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32  | 0:21 0:04 0:05 0:06 0:06 0:06 0:06 0:06 0:07 0:07 0:07   | AWE KWP KWPII AWE   | 0.684 0.043 41.842 0.015 0.025 0.025 0.021 0.010 0.010 0.010 0.035 55.832 0.000 1.199 0.005 0.031 0.040 0.989 0.001 0.010 0.003 0.0483 0.078 0.003 0.003 0.078 0.003   | 6.403 28.281 20.296 19.120 17.913 18.299 20.583 18.187 19.337 19.200 20.625 21.000 19.044 20.708 20.625 21.000 20.625 20.707 20.707 20.642 20.681 20.708 20.671 16.623 16.320 17.940 17.950 18.007 17.940 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708   | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated AGC MAVG - ca |
| 6/8/2015 3:79 6/8/2015 3:79 6/8/2015 3:79 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 11:75 6/8/2015 11:75 6/8/2015 11:75 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 11:35 6/9/2015 12:35 6/9/2015 22:35 6/9/2015 22:35 6/9/2015 23:35 6/9/2015 23:35 6/9/2015 23:35 6/9/2015 23:35 6/9/2015 23:35 6/9/2015 23:35 6/9/2015 23:35 6/9/2015 23:35 6/9/2015 23:35 6/9/2015 23:35  | 0:21 0:04 0:04 0:05 0:07 0:07 0:07 0:08 0:08 0:09 0:09 0:09 0:09 0:09 0:09   | AWE KWP KWPII AWE   | 0.684 0.043 1.842 0.0715 0.027 0.027 0.027 0.037 0.040 0.040 0.050 0.060   | 6.403 28.281 20.296 19.120 17.913 18.299 20.583 18.187 19.337 19.200 20.625 21.000 19.044 20.708 20.625 21.000 20.625 20.707 20.707 20.642 20.681 20.708 20.671 16.623 16.320 17.940 17.950 18.007 17.940 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 18.007 17.950 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708 20.708   | AGC MAYG - entered - Maintaining Regulating Reserves AGC MAYG - calculated AGC MAYG - ca |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 3:20 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:03 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 11:70 6/8/2015 15:43 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 10:38 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:31 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 11:32 6/9/2015 12:33 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32 6/9/2015 23:32  | 0:21 0:04 0:05 0:06 0:06 0:06 0:06 0:06 0:07 0:07 0:07   | AWE KWP KWPII AWE   | 0.684 0.043 41.842 0.015 0.025 0.025 0.021 0.010 0.010 0.010 0.035 55.832 0.000 1.199 0.005 0.031 0.040 0.989 0.001 0.010 0.003 0.0483 0.078 0.003 0.003 0.078 0.003   | 6,403  82,81  82,821  19,120  11,191  18,197  18,197  19,337  19,200  20,525  21,000  19,044  20,708  20,707  20,707  20,707  20,707  20,707  20,707  20,707  20,707  20,707  20,707  20,708  20,682  20,682  20,683  20,708   | AGC MAVG - entered - Maintaining Regulating Reserves AGC MAVG - calculated AGC MAVG - ca |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 8:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 10:33 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 11:30 6/9/2015 23:30 6/9/2015 33:30 6/9/2015 33:30 6/9/2015 33:30 6/9/2015 33:30 6/9/2015 33:3 | 0:21 0:21 0:04 0:04 0:05 0:07 0:07 0:07 0:08 0:09 0:07 0:08 0:07 0:08 0:07 0:08 0:08 0:08  | AWE KWP KWPII AWE   | 0.644 0.043 41.842 0.075 0.025 0.025 0.027 0.075 0.071 0.070 0.083 0.083 0.093   | 6.403 28.281 20.296 19.120 17.913 18.290 20.563 18.167 18.147 19.337 19.200 20.625 21.000 19.044 20.708 20.707 20.707 20.707 20.707 20.708 20.625 20.825 20.825 20.708 20.825 20.825 20.708 20.825 20.825 20.708 20.825 20.825 20.825 20.825 20.825 20.825 20.708 20.825 20. | AGC MAYG - entered - Maintaining Regulating Reserves AGC MAYG - calculated AGC MAYG - ca |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 9:42 6/8/2015 9:43 6/8/2015 9:43 6/8/2015 9:45 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 10:37 6/9/2015 11:41 6/9/2015 11:41 6/9/2015 11:41 6/9/2015 11:42 6/9/2015 11:43 6/9/2015 11: | 0:21 0:04 0:05 0:06 0:06 0:06 0:06 0:06 0:07 0:07 0:07   | AWE KWP KWPII AWE   | 0.684 41.842 0.015 0.025 0.025 0.027 0.027 0.017 0.010 0.010 0.030 0.031 0.031 0.031 0.033 0.078 0.001 0.033 0.078 0.001 0.033 0.078 0.001 0.002 0.003   | 6.403  28.281  20.296  19.120  17.913  18.299  20.583  18.167  18.147  19.337  19.200  20.625  21.000  19.044  20.708  20.625  21.000  10.293  Data is not available  29.882  20.681  20.707  20.671  16.623  18.953  16.320  17.980  17.980  17.980  17.980  17.980  17.980  20.708   | AGC MAYG - entered - Maintaining Regulating Reserves AGC MAYG - calculated AGC MAYG - ca |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 3:20 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:35 6/8/2015 11:35 6/8/2015 13:44 6/8/2015 13:44 6/8/2015 13:44 6/8/2015 13:44 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/9/2015 13:35 6/9/2015 23:35 6/9/2015 23:35 6/9/2015 23:35 6/9/2015 23:35 6/9/2015 3:35 6/10/2015 3:35 6/10/2015 3:35 6/10/2015 3:35 6/10/2015 3:35 6/10/2015 3:35 6/10/2015 3:35 6/10/2015 3:35 6/10/2015 3:35  | 0:21 0:21 0:04 0:04 0:05 0:07 0:07 0:07 0:08 0:02 0:07 0:08 0:09 0:09 0:09 0:09 0:09 0:09 0:09   | AWE KWP KWPII AWE   | 0.643 0.043 41.842 0.0715 0.025 0.027 0.025 0.0311 0.010 0.0 | 6.403 28.281 20.296 19.120 17.913 18.290 20.563 18.167 18.147 19.337 19.200 20.625 21.000 19.000 19.000 19.000 19.000 10.293 Data is not available 20.708 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.707 20.708 20.621 20.681 20.708 20.681 20.708 20 | AGC MAYG - entered - Maintaining Regulating Reserves AGC MAYG - calculated AGC MAYG - ca |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 9:42 6/8/2015 9:43 6/8/2015 9:43 6/8/2015 9:43 6/8/2015 9:03 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 10:25 6/8/2015 11:70 6/8/2015 12:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 21:37 6/8/2015 10:25 6/8/2015 10:25 6/9/2015 10:25 6/9/2015 10:25 6/9/2015 10:25 6/9/2015 10:25 6/9/2015 10:25 6/9/2015 10:25 6/9/2015 10:25 6/9/2015 10:25 6/9/2015 10:25 6/9/2015 11:21 6/9/2015 11:21 6/9/2015 11:21 6/9/2015 11:21 6/9/2015 11:25 6/9/2015 23:35 6/9/2015 23:3 | 0:21 0:04 0:05 0:06 0:06 0:06 0:06 0:06 0:07 0:07 0:07   | AWE KWP KWPII AWE   | 0.684 0.043 41.842 0.015 0.025 0.025 0.027 0.017 0.010 0.010 0.036 0.037 0.001 0.003   | 6.403 28.281 20.296 19.120 17.913 18.299 20.583 18.167 19.337 19.200 20.625 21.000 19.044 20.708 20.625 21.000 20.625 20.707 20.707 20.642 20.681 20.708 20.671 16.623 16.320 17.390 18.307 17.390 18.307 17.390 17. | AGC MAYG - entered - Maintaining Regulating Reserves AGC MAYG - calculated AGC MAYG - ca |
| 6/8/2015 3:70 6/8/2015 3:20 6/8/2015 3:20 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 9:42 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:75 6/8/2015 10:35 6/8/2015 11:35 6/8/2015 13:44 6/8/2015 13:44 6/8/2015 13:44 6/8/2015 13:44 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/8/2015 21:35 6/9/2015 13:35 6/9/2015 23:35 6/9/2015 23:35 6/9/2015 23:35 6/9/2015 23:35 6/9/2015 3:35 6/10/2015 3:35 6/10/2015 3:35 6/10/2015 3:35 6/10/2015 3:35 6/10/2015 3:35 6/10/2015 3:35 6/10/2015 3:35 6/10/2015 3:35  | 0:21 0:21 0:04 0:05 0:06 0:02 0:07 0:06 0:02 0:07 0:06 0:08 0:07 0:08 0:08 0:08 0:08 0:08 0:08   | AWE KWP KWPII AWE   | 0.643 0.043 41.842 0.0715 0.025 0.027 0.025 0.0311 0.010 0.0 | 6.403 28.281 20.286 19.120 17.913 18.290 20.563 18.167 18.147 19.337 19.200 20.652 21.000 19.000 19.000 19.000 19.000 19.000 10.293 20.610 20. | AGC MAYG - entered - Maintaining Regulating Reserves AGC MAYG - calculated AGC MAYG - ca |

## DOCKET NO. 2011-0206 ORDER NO. 30371 I.C.(3)(a)&(b) ATTACHMENT 6 PAGE 4 OF 8

|   | Y. | Y  | Maul     |
|---|----|----|----------|
| 7 | Y. | X. | Electric |

| Property   10   20   200   | Start Date and Time              |      |                |                       |                       | Reasons for Curtailment  |
|--|----------------------------------|------|----------------|-----------------------|-----------------------|--|
| Company   Comp   | 6/10/2015 7:36<br>6/10/2015 7:46 | 0:02 | KWPII<br>KWPII | 0.016<br>0.564        |                       |  |
| Committee   Comm   | 6/10/2015 8:11                   | 0:19 | KWPII          | 0.741                 | 20.594                | AGC MAVG - calculated  |
| Column   C   |                                  |      |                |                       |                       |  |
| Property   15   2.4   World   330   1500   | 6/10/2015 8:46                   | 3:09 | KWPII          | 31.305                | 20.567                | AGC MAVG - calculated  |
| Property 12   Column   Colum   |                                  |      |                |                       |                       |  |
| \$1.000.000.000.000.000.000.000.000.000.0  | 6/10/2015 12:53                  | 0:02 | KWPII          | 0.010                 | 16.588                | AGC MAVG - calculated  |
| Property 116   100   1   |                                  |      |                |                       |                       |  |
| Property   1.50   200   200   1.50   200   | 6/10/2015 14:05                  | 0:03 | KWPII          | 0.071                 | 19.738                | AGC MAVG - calculated  |
| Principle   1,000      |                                  |      |                |                       |                       |  |
| Property 1.07   100      |                                  |      |                |                       | 18.790                | AGC MAVG - calculated and Good Engineering and Operating Practices             |
| Property 2 cols  | 6/10/2015 15:16                  | 1:59 | KWPII          | 11.383                | 20.702                | AGC MAVG - calculated  |
| PRINCIPLE   1975   19   | 6/10/2015 17:27                  |      |                |                       |                       |  |
| 0   0   0   0   0   0   0   0   0   0  | 6/10/2015 23:14                  | 0:02 | KWPII          | 0.009                 | 20.398                | AGC MAVG - calculated  |
| ##   ##   ##   ##   ##   ##   ##   #   |                                  |      |                |                       | 20.368                | AGC MAVG - calculated AGC MAVG - calculated                                    |
| Property 27.4   Cost   Nove  | 6/10/2015 23:33                  | 0:02 | KWPII          | 0.025                 | 20.378                | AGC MAVG - calculated  |
| ## 1970/1975 20   17   KNOP  ## 27 20   26   50   50   50   50   50   50   50   5  | 6/10/2015 23:36                  |      |                |                       |                       |  |
| CHI   COLOR   AVE  |                                  |      |                |                       |                       |  |
| CHINGS 22   COM   AVE  |                                  |      |                |                       |                       |  |
| CHICAGE 248   C.C.   AVE.  |                                  |      |                |                       | 0.007                 | AGC MAVG - entered - Maintaining Regulating Reserves                           |
| CHI   100    | 6/11/2015 2:32                   | 0:22 |                | 0.075                 | 0.587                 | AGC MAVG - entered - Maintaining Regulating Reserves                           |
| OF     Color     Color     Color     Color     Color     Color     Color       Color   |                                  |      |                |                       |                       |  |
| CHI 100718-2383   CO   | 6/11/2015 2:52                   |      |                |                       | 28.307                | AGC MAVG - entered - Maintaining Regulating Reserves                           |
| BYTOOTS 2.50   10  |                                  |      |                |                       |                       |  |
| STITUTES SEED  | 6/11/2015 3:13                   | 0:02 | KWP            | 0.003                 | 28.377                | AGC MAVG - calculated  |
| BYT   1975   1   |                                  |      |                |                       |                       |  |
| OFFICE   Company   Compa   | 6/11/2015 5:45                   | 0:03 | 5A             | Data is not available | Data is not available | AGC MAVG - calculated and AGC MAVG - entered - Maintaining Regulating Reserves |
| B11/2019 18/32   133   KWPII   |                                  |      |                |                       | Data is not available | AGC MAVG - calculated and AGC MAVG - entered - Maintaining Regulating Reserves |
| B11/2015 937   1.32   NAVIII   | 6/11/2015 9:35                   | 0:01 | KWPII          | 0.010                 | 13.354                | AGC MAVG - calculated  |
| BT172075 1127   COURT   NOVEL   NOVEL   COURT   COUR   |                                  |      |                |                       |                       |  |
| 611/2015 11/28   0.11   XVPPI  |                                  |      |                |                       |                       |  |
| 611/2015 27:32   00  | 6/11/2015 11:28                  | 0:11 | KWPII          | 0.305                 | 16.002                | AGC MAVG - calculated  |
| 611/2015 22:92   0.00   KKVPI  |                                  |      |                |                       |                       |  |
| 611/2015 (222) 0.01 KWPII 0.011 15.55 KMC MAYO - calculated (1.17.00) 2.02 KWPII 0.011 15.55 KMC MAYO - calculated (1.17.00) 2.02 KWPII 0.011 15.55 KMC MAYO - calculated (1.17.00) 2.02 KWPII 0.011 15.55 KMC MAYO - calculated (1.17.00) 2.02 KWPII 0.012 15.50 KMC MAYO - calculated (1.17.00) 2.02 KWPII 0.012 15.50 KMC MAYO - calculated (1.17.00) 2.02 KWPII 0.02 KW | 6/11/2015 22:01                  | 0:08 | KWPII          | 0.342                 | 15.412                | AGC MAVG - calculated  |
| 611/2015 22-35   0.00   NVPH   |                                  |      |                |                       |                       |  |
| 6 11/2015 23:56 0 034  |                                  |      |                |                       |                       |  |
| B122015 013  |                                  |      |                |                       |                       |  |
| B1/22015 0.37  |                                  |      |                |                       |                       |  |
| B1/22015 13/0   Col.   KMPP    C.395   T.2875 KCC MAVE - calculated  | 6/12/2015 0:07                   | 0:07 | KWPII          | 0.224                 | 15.069                | AGC MAVG - calculated  |
| B11/2015 13   10   |                                  |      |                |                       |                       |  |
| 611/2015 2:25   CIU.   AVIE   C.   D.   C.   S.   P.   P.   P.   P.   P.   P.   P  | 6/12/2015 1:06                   | 0:04 | KWPII          | 0.092                 | 11.815                | AGC MAVG - calculated  |
| 61/22015 27-82   |                                  |      |                |                       |                       |  |
| 61122015-323   | 6/12/2015 2:42                   | 0:01 | AWE            | 0.026                 | 4.673                 | AGC MAVG - calculated  |
| 61722015-428   0.07   KWPI   |                                  |      |                |                       |                       |  |
| 617/2015 52:34   0.07  |                                  | 0:07 | KWPII          |                       | 13.227                | AGC MAVG - calculated  |
| 61722015 2125   0.00   |                                  |      |                |                       |                       |  |
| 61722015 2754   0.01   WPII   0.003   19.983   AGC MAYG - calculated   |                                  |      |                |                       |                       |  |
| 6/12/2015 27:55   0.07   |                                  |      |                |                       |                       |  |
| 6/12/2015 22:29   0.05   KWPI    0.005   20.35   AGC MAVG - Calculated   |                                  |      |                |                       |                       |  |
| 61/3/2015 2/31   0.71  | 6/12/2015 22:05                  | 0:02 | KWPII          | 0.005                 | 20.338                | AGC MAVG - calculated  |
| B-13/2015 12-95   0.03   KWPI   0.087   0.08   |                                  |      |                |                       |                       |  |
| Brit   Superior   Brit   Bri   | 6/13/2015 0:16                   | 0:01 | KWPII          | 0.004                 | 9.274                 | AGC MAVG - calculated  |
| 613/2015 15:00 U.0 KWPII U.11 10.518 AGC MAVG - calculated 613/2015 19:44 U.01 KWPII U.005 15:577 AGC MAVG - calculated 613/2015 21:48 U.01 KWPII U.006 17.620 AGC MAVG - calculated 613/2015 21:49 U.01 KWPII U.006 17.620 AGC MAVG - calculated 613/2015 21:49 U.01 KWPII U.006 17.620 AGC MAVG - calculated 613/2015 21:49 U.01 KWPII U.006 18:213 AGC MAVG - calculated 613/2015 21:50 U.03 KWPII U.028 18:213 AGC MAVG - calculated and Uperating Londitions on Company's System 614/2015 4:49 U.04 KWPII U.110 5.752 AGC MAVG - calculated and Uperating Conditions on Company's System 614/2015 5:27 U.12 KWPII U.159 7.89 AGC MAVG - calculated and Uperating Conditions on Company's System 614/2015 5:27 U.12 KWPII U.159 7.89 AGC MAVG - calculated and Uperating Conditions on Company's System 614/2015 7:28 U.38 KWPII U.159 7.89 AGC MAVG - calculated and Uperating Conditions on Company's System 614/2015 8:05 U.31 KWPII U.159 7.89 AGC MAVG - calculated and Uperating Conditions on Company's System 614/2015 8:05 U.03 KWPII U.025 13.696 AGC MAVG - calculated 614/2015 11:00 U.03 KWPII U.025 14:537 AGC MAVG - calculated 614/2015 11:00 U.01 KWPII U.025 14:537 AGC MAVG - calculated 614/2015 11:00 U.01 KWPII U.024 15:347 AGC MAVG - calculated 614/2015 11:00 U.01 KWPII U.025 14:537 AGC MAVG - calculated 614/2015 11:00 U.01 KWPII U.025 14:537 AGC MAVG - calculated 614/2015 11:00 U.01 KWPII U.025 15:348 AGC MAVG - calculated 614/2015 11:00 U.01 KWPII U.025 15:348 AGC MAVG - calculated 615/2015 19:19 U.13 KWPII U.158 19:14 AGC MAVG - calculated 615/2015 19:19 U.13 KWPII U.148 U.036 AGC MAVG - calculated 615/2015 20:39 U.01 KWPII U.148 U.036 AGC MAVG - calculated 615/2015 20:30 U.02 KWPII U.148 U.036 AGC MAVG - calculated 615/2015 20:30 U.02 KWPII U.105 20:352 AGC MAVG - calculated 615/2015 20:30 U.02 KWPII U.036 AGC MAVG - calculated 615/2015 20:30 U.02 KWPII U.036 AGC MAVG - calculated 615/2015 20:30 U.02 KWPII U.036 AGC MAVG - calculated 615/2015 20:30 U.02 KWPII U.036 AGC MAVG - calculated 615/2015 20:30 U.02 KWPII U.036 AGC MAVG - calculated 61 |                                  |      |                |                       |                       |  |
| 6/13/2015 1/13/20 6/13/2015 2/13/20 6/13/2015 1/ | 6/13/2015 15:00                  | 0:04 | KWPII          | 0.111                 | 10.518                | AGC MAVG - calculated  |
| 613/2015 21:48 U.01 KWPII U.005 18-213 AGC MAYOS - calculated 613/2015 21:48 U.01 KWPII U.011 5.782 AGC MAYOS - calculated 614/2015 4:45 U.02 KWPII U.013 7.416 AGC MAYOS - calculated and Operating Conditions on Company's System 614/2015 4:45 U.01 KWPII U.013 7.416 AGC MAYOS - calculated and Operating Conditions on Company's System 614/2015 5:27 U.72 KWPII U.758 9.784 AGC MAYOS - calculated and operating Conditions on Company's System 614/2015 6:11 U.07 KWPII U.759 7.884 AGC MAYOS - calculated and operating Conditions on Company's System 614/2015 7:28 U.35 KWPII U.159 7.884 AGC MAYOS - calculated and operating Conditions on Company's System 614/2015 7:39 U.35 KWPII U.159 7.884 AGC MAYOS - calculated and Operating Conditions on Company's System 614/2015 8:05 U.31 KWPII 4.024 15.484 AGC MAYOS - calculated 614/2015 8:05 U.31 KWPII 4.024 15.484 AGC MAYOS - calculated 614/2015 11:06 U.01 KWPII U.025 14.537 AGC MAYOS - calculated 614/2015 11:06 U.01 KWPII U.024 15.343 AGC MAYOS - calculated 614/2015 11:00 U.01 KWPII U.034 15.347 AGC MAYOS - calculated 614/2015 11:10 U.75 KWPII 3.480 15.944 AGC MAYOS - calculated 614/2015 11:10 U.75 KWPII 3.480 15.944 AGC MAYOS - calculated 614/2015 11:10 U.75 KWPII 3.480 15.944 AGC MAYOS - calculated 614/2015 11:10 U.75 KWPII 3.480 15.944 AGC MAYOS - calculated 614/2015 11:10 U.75 KWPII 3.480 15.944 AGC MAYOS - calculated 614/2015 11:20 U.75 KWPII 0.75 AGC MAYOS - calculated 615/2015 20:39 U.07 KWPII 0.105 20:582 AGC MAYOS - calculated 615/2015 20:39 U.07 KWPII 0.105 20:582 AGC MAYOS - calculated 615/2015 20:30 U.02 KWPII 0.004 20:594 AGC MAYOS - calculated 615/2015 20:30 U.02 KWPII 0.004 20:594 AGC MAYOS - calculated 615/2015 20:30 U.02 KWPII 0.004 20:594 AGC MAYOS - calculated 615/2015 20:30 U.02 KWPII 0.004 20:594 AGC MAYOS - calculated 615/2015 20:30 U.03 KWPII 0.004 20:594 AGC MAYOS - calculated 615/2015 20:30 U.03 KWPII 0.004 20:594 AGC MAYOS - calculated 615/2015 20:30 U.03 KWPII 0.004 20:594 AGC MAYOS - calculated 615/2015 20:50 U.03 KWPII 0.004 20:594 AGC MAYOS - calculated 6 |                                  |      |                |                       |                       |  |
| 10.14/2015 4:45   U.04   KWPII   U.110   S.782 AGC MAYG - calculated and Operating Conditions on Company's System  | 6/13/2015 21:48                  | 0:01 | KWPII          | 0.006                 | 17.620                | AGC MAVG - calculated  |
| 6/14/2015 15:27   U.12   KWPII   U.758   9.784   AGC MAVG - calculated and Uperating Conditions on Company's System   U.758   9.784   AGC MAVG - calculated and Uperating Conditions on Company's System   U.159   7.884   AGC MAVG - calculated and Uperating Conditions on Company's System   U.159   7.884   AGC MAVG - calculated and Uperating Conditions on Company's System   U.159   7.884   AGC MAVG - calculated and Uperating Conditions on Company's System   U.159   7.884   AGC MAVG - calculated and Uperating Conditions on Company's System   U.758   G.74/2015   G.728   G.738   G   |                                  |      |                |                       |                       |  |
| 1974/2015 5727   0.712   KWPII   0.758   9.784   AGC MAYO - calculated and Operating Conditions on Company's System   0.159   7.884   AGC MAYO - calculated and Operating Conditions on Company's System   0.147/2015 7728   0.738   KWPII   0.159   7.884   AGC MAYO - calculated and Operating Conditions on Company's System   0.147/2015 870   0.702   KWPII   0.024   15.494   AGC MAYO - calculated   0.147/2015 870   0.022   KWPII   0.025   14.537   AGC MAYO - calculated   0.147/2015 1710   0.001   KWPII   0.004   10.139   AGC MAYO - calculated   0.147/2015 1710   0.001   KWPII   0.004   10.139   AGC MAYO - calculated   0.147/2015 1710   0.001   KWPII   0.004   10.139   AGC MAYO - calculated   0.147/2015 1710   0.001   KWPII   0.004   10.139   AGC MAYO - calculated   0.147/2015 1710   0.001   KWPII   0.001      |                                  |      | KWPII          |                       | 7.416                 | AGC MAVG - calculated and Operating Conditions on Company's System             |
| 13.695   1   |                                  |      |                |                       |                       |  |
| 16,14/2015 8/US  |                                  |      | KWPII          | 2.632                 |                       |  |
| B14/2015 11:05   |                                  |      |                |                       |                       |  |
| S14/2/015 11:08  |                                  |      |                |                       | 10.139                | AGC MAVG - calculated  |
| 6/14/2015 11/31  |                                  | 0:11 | KWPII          | 1.234                 | 15.337                | AGC MAVG - calculated  |
| 6/15/2015 19/15   U.13   KWPI  U.105   19/14   AGC MAVG - calculated and Good Engineering and Operating Practices  |                                  |      |                |                       |                       |  |
| SI15/2015 27:58   U.U2   KWPII   U.U8   ZU.585   AGC MAVG - Calculated   | 6/15/2015 19:19                  | 0:13 | KWPII          | 0.738                 | 19.104                | AGC MAVG - calculated and Good Engineering and Operating Practices             |
| 6/15/2015 22:20  |                                  |      |                |                       |                       |  |
| 6/15/2015 22/35 U.29 KWPII 1.5/9 ZU.599 /AGC MAYC5 - Calculated 6/15/2015 62/35 KWPII 8.9355 ZU.7U2 /AGC MAYC5 - Calculated 6/16/2015 6:55 U.03 KWPII U.014 ZU.669 /AGC MAYC5 - calculated 6/16/2015 6:55 U.03 KWPII U.014 ZU.669 /AGC MAYC5 - calculated 6/16/2015 7:44 U.13 KWPII U.301 ZU.699 /AGC MAYC5 - calculated 6/16/2015 8:37 U.21 KWPII U.301 ZU.699 /AGC MAYC5 - calculated  | 6/15/2015 22:03                  | 0:24 | KWPII          | 1.408                 | 20.689                | AGC MAVG - calculated  |
| 6/15/2015 23:07 6:49 KWPII 80.956 20.702 AGC MAYG - calculated 6/16/2015 6:55 U.03 KWPII U.014 20.669 AGC MAYG - calculated 6/16/2015 7:44 U.13 KWPII U.301 20.699 AGC MAYG - calculated 6/16/2015 8:37 U.21 KWPII U.881 20.677 AGC MAYG - calculated  |                                  |      |                |                       |                       |  |
| 6/16/2015 7:34 U:13 KWPII U:301 20.699 AGC MAVG - calculated 6/16/2015 8:37 U:21 KWPII U:881 20.677 AGC MAVG - calculated  | 6/15/2015 23:07                  | 6:49 | KWPII          | 80.956                | 20.702                | AGC MAVG - calculated  |
| 6/16/2015 8:37 U:21 KWPII U.881 ZU.67/ IAGC MAVG - Calculated  |                                  |      |                |                       |                       |  |
|  |                                  |      |                |                       |                       |  |
|  | 6/16/2015 9:11                   | 0:07 | KWPII          | 0.258                 | 20.696                | AGC MAVG - calculated  |
| 6/16/2015 9:20 1:36 KWPII 17.678 20.697 AGC MAVG - calculated 6/16/2015 10:57 0:01 KWPII 0.006 18.429 AGC MAVG - calculated  |                                  |      |                |                       |                       |  |
| 6/16/2015 10:59 0:02 KWPII 0.042 18.988 AGC MAVG - calculated  | 6/16/2015 10:59                  | 0:02 | KWPII          | 0.042                 | 18.988                | AGC MAVG - calculated  |
| 6/16/2/15 11:108 U.07 KWPII U.224 18.616 AGC MAYG - Calculated   |                                  |      |                |                       |                       |  |
| 6/15/2015 11:40 U:25 KWPII 2.513 19.622 AGC MAVG - calculated and Good Engineering and Operating Practices   | 6/16/2015 11:40                  | 0:25 | KWPII          | 2.513                 | 19.622                | AGC MAVG - calculated and Good Engineering and Operating Practices             |
| 6/16/2015 16:05 U:04 KWPII U:044 20:246 AGC MAVG - calculated and Good Engineering and Operating Practices 6/16/2015 16:11 U:02 KWPII U:021 20:096 AGC MAVG - calculated and Good Engineering and Operating Practices  |                                  |      |                |                       | 20.246                | AGC MAVG - calculated and Good Engineering and Operating Practices             |
| 6/16/2015 16:14 0:04 KWPII 0:060 20:565 AGC MAVG - calculated, Good Engineering and Operating Practices, and Testing   | 6/16/2015 16:14                  | 0:04 | KWPII          | 0.060                 | 20.565                | AGC MAVG - calculated, Good Engineering and Operating Practices, and Testing   |
| 6/16/2015 16:19 0:03 KWPII 0.010 20:597 AGC MAVG - calculated, Good Engineering and Operating Practices, and Testing   | 6/16/2015 16:19                  |      |                |                       | 20.597                | AGC MAVG - calculated, Good Engineering and Operating Practices, and Testing   |
| 6/16/2015 16:23 0:53 KWPII 4.297 20.692 AGC MAVG - calculated and Good Engineering and Operating Practices   | 0/10/2015 16:23                  | 0:53 | NVVPII         | 4.297                 | 20.692                | NOO MAYO - calculated and Good Engineering and Operating Practices             |

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| Start Date and Time                | Duration     | IPP Curtailed  | Estimated Curtailed MWH | Peak MW Curtailed | Reasons for Curtailment  |
|------------------------------------|--------------|----------------|-------------------------|-------------------|--|
| 6/16/2015 17:17                    | 0:08         | KWPII          | 0.047                   |                   | AGC MAVG - calculated  |
| 6/16/2015 17:49<br>6/16/2015 17:54 | 0:02<br>0:01 | KWPII<br>KWPII | 0.005<br>0.007          |                   | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/16/2015 17:54                    | 0:01         | KWPII          | 0.007                   |                   | AGC MAVG - calculated  |
| 6/16/2015 18:13                    | 0:05         | KWPII          | 0.050                   |                   | AGC MAVG - calculated and Good Engineering and Operating Practices                                   |
| 6/16/2015 21:19                    |              | KWPII          | 0.001                   | 20.704            | AGC MAVG - calculated  |
| 6/16/2015 21:37                    |              | KWPII          | 72.642                  |                   | AGC MAVG - calculated  |
| 6/17/2015 0:53                     | 1:43         | AWE            | 9.821                   |                   | AGC MAVG - calculated  |
| 6/17/2015 2:45<br>6/17/2015 2:56   | 2:31<br>0:09 | KWPII<br>AWE   | 40.796<br>0.324         |                   | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/17/2015 3:07                     | 0:03         | AWE            | 0.038                   |                   | AGC MAVG - calculated  |
| 6/17/2015 3:21                     | 0:04         | AWE            | 0.162                   |                   | AGC MAVG - calculated  |
| 6/17/2015 3:27                     | 1:06         | AWE            | 7.363                   |                   | AGC MAVG - calculated  |
| 6/17/2015 4:35                     | 0:32         | AWE            | 1.823                   | 19.993            | AGC MAVG - calculated  |
| 6/17/2015 5:18                     | 0:43         | KWPII          | 9.207                   |                   | AGC MAVG - calculated  |
| 6/17/2015 6:02                     | 0:03         | KWPII          | 0.011                   |                   | AGC MAVG - calculated  |
| 6/17/2015 6:13<br>6/17/2015 9:12   | 2:11<br>5:07 | KWPII<br>KWPII | 14.695<br>35.479        |                   | AGC MAVG - calculated AGC MAVG - calculated and Good Engineering and Operating Practices             |
| 6/17/2015 14:20                    | 0:40         | KWPII          | 2.946                   |                   | AGC MAVG - calculated  |
| 6/17/2015 15:01                    | 0:41         | KWPII          | 2.468                   |                   | AGC MAVG - calculated  |
| 6/17/2015 15:43                    | 0:03         | KWPII          | 0.097                   | 20.545            | AGC MAVG - calculated  |
| 6/17/2015 15:47                    | 0:25         | KWPII          | 0.543                   |                   |  |
| 6/17/2015 16:13                    | 0:02         | KWPII          | 0.010                   |                   |  |
| 6/17/2015 19:06                    | 0:02         | KWPII          | 0.020                   |                   |  |
| 6/17/2015 21:21<br>6/17/2015 21:25 | 0:02<br>0:02 | KWPII<br>KWPII | 0.004<br>0.005          |                   | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/17/2015 21:28                    | 8:10         | KWPII          | 92.712                  |                   | AGC MAVG - calculated  |
| 6/18/2015 0:20                     | 0:05         | AWE            | 0.117                   |                   | AGC MAVG - calculated  |
| 6/18/2015 0:26                     |              | AWE            | 0.008                   |                   | AGC MAVG - calculated  |
| 6/18/2015 0:35                     | 0:25         | AWE            | 2.119                   | 19.407            | AGC MAVG - calculated  |
| 6/18/2015 1:02                     |              | AWE            | 0.455                   |                   | AGC MAVG - calculated  |
| 6/18/2015 1:14                     |              | AWE            | 2.802                   |                   | AGC MAVG - calculated  |
| 6/18/2015 1:47                     |              | AWE<br>AWE     | 0.130<br>0.003          |                   | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/18/2015 1:53<br>6/18/2015 1:57   |              | AWE            | 0.003                   |                   | AGC MAVG - calculated  |
| 6/18/2015 2:06                     |              | AWE            | 0.203                   |                   |  |
| 6/18/2015 2:09                     | 0:01         | AWE            | 0.001                   |                   | AGC MAVG - calculated  |
| 6/18/2015 2:12                     | 0:03         | AWE            | 0.079                   | 9.310             | AGC MAVG - calculated  |
| 6/18/2015 2:17                     | 0:13         | AWE            | 0.616                   |                   |  |
| 6/18/2015 3:35                     | 0:01         | AWE            | 0.007                   |                   |  |
| 6/18/2015 5:39<br>6/18/2015 9:08   | 0:03<br>0:18 | KWPII          | 0.045<br>0.843          |                   | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/18/2015 9:08                     | 0:18         | KWPII          | 0.843                   |                   | AGC MAVG - calculated  |
| 6/18/2015 9:59                     | 0:01         | KWPII          | 0.002                   |                   | AGC MAVG - calculated  |
| 6/18/2015 10:03                    | 0:02         | KWPII          | 0.029                   |                   |  |
| 6/18/2015 10:38                    | 0:22         | KWPII          | 1.116                   | 20.072            |  |
| 6/18/2015 11:05                    | 0:07         | KWPII          | 0.195                   |                   | AGC MAVG - calculated  |
| 6/18/2015 11:15                    |              | KWPII          | 0.139                   |                   | AGC MAVG - calculated  |
| 6/18/2015 11:25                    | 0:02         | KWPII          | 0.043                   |                   | AGC MAVG - calculated  |
| 6/18/2015 11:44<br>6/18/2015 11:48 | 0:03<br>0:01 | KWPII<br>KWPII | 0.118<br>0.024          |                   | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/18/2015 12:26                    | 0:01         | KWPII          | 0.027                   |                   | AGC MAYG - calculated  |
| 6/18/2015 12:32                    | 0:05         | KWPII          | 0.066                   |                   | AGC MAVG - calculated  |
| 6/18/2015 12:46                    | 0:01         | KWPII          | 0.008                   | 18.830            | AGC MAVG - calculated  |
| 6/18/2015 12:49                    | 0:05         | KWPII          | 0.102                   |                   | AGC MAVG - calculated  |
| 6/18/2015 13:08                    | 0:02         | KWPII          | 0.011                   |                   | AGC MAVG - calculated  |
| 6/18/2015 13:11                    | 0:02         | KWPII          | 0.068                   |                   | AGC MAVG - calculated  |
| 6/18/2015 13:26<br>6/18/2015 13:44 | 0:02         | KWPII          | 0.040                   |                   | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/18/2015 13:47                    | 0:02         | KWPII          | 0.103                   |                   | AGC MAVG - calculated  |
| 6/18/2015 14:00                    | 0:02         | KWPII          | 0.048                   |                   | AGC MAVG - calculated  |
| 6/18/2015 22:06                    | 0:15         | KWPII          | 0.553                   |                   | AGC MAVG - calculated  |
| 6/18/2015 22:44                    | 0:47         | KWPII          | 3.823                   |                   |  |
| 6/18/2015 23:33                    | 5:24         | KWPII          | 60.952                  |                   |  |
| 6/19/2015 4:34                     | 0:08         | AWE<br>KWPII   | 0.362                   |                   |  |
| 6/19/2015 4:59<br>6/19/2015 5:21   | 0:21<br>0:29 | KWPII          | 1.628<br>0.766          |                   | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/19/2015 6:05                     | 1:22         | KWPII          | 9.413                   |                   | AGC MAYG - calculated  |
| 6/19/2015 7:34                     | 0:08         | KWPII          | 0.195                   |                   | AGC MAVG - calculated  |
| 6/19/2015 7:49                     | 0:26         | KWPII          | 1.744                   |                   | AGC MAVG - calculated  |
| 6/19/2015 8:18                     | 0:27         | KWPII          | 2.178                   |                   |  |
| 6/19/2015 8:47                     | 0:38         | KWPII          | 2.334                   |                   |  |
| 6/19/2015 9:38                     | 1:49         | KWPII          | 7.766                   |                   |  |
| 6/19/2015 11:30<br>6/19/2015 12:04 | 0:20<br>3:04 | KWPII          | 1.463<br>23.919         |                   | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/19/2015 12:04                    | 0:06         | KWPII          | 0.150                   |                   |  |
| 6/19/2015 15:45                    | 0:38         | KWPII          | 2.414                   | 20.675            | AGC MAVG - calculated  |
| 6/19/2015 16:30                    | 0:13         | KWPII          | 0.385                   |                   | AGC MAVG - calculated  |
| 6/19/2015 20:04                    | 0:01         | KWPII          | 0.012                   | 20.515            | AGC MAVG - calculated  |
| 6/19/2015 20:42                    |              | KWPII          | 0.000                   |                   | AGC MAVG - calculated  |
| 6/19/2015 20:46                    |              | KWPII          | 0.002                   |                   | AGC MAVG - calculated  |
| 6/19/2015 21:19                    |              | KWPII          | 0.116<br>0.921          |                   | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/19/2015 22:25<br>6/19/2015 23:10 | 0:17         | KWPII          | 0.921                   |                   | AGC MAVG - calculated  |
| 6/19/2015 23:15                    | 3:30         | KWPII          | 45.839                  |                   | AGC MAVG - calculated  |
| 6/20/2015 2:19                     | 0:04         | AWE            | 0.218                   |                   | AGC MAVG - calculated  |
| 6/20/2015 2:34                     | 0:03         | AWE            | 0.084                   | 6.260             | AGC MAVG - calculated  |
| 6/20/2015 2:47                     | 3:31         | KWPII          | 40.977                  | 19.211            |  |
| 6/20/2015 6:39                     | 0:23         | KWPII          | 1.428                   |                   |  |
| 6/20/2015 7:19                     | 0:02         | KWPII          | 0.005<br>1.870          |                   | AGC MAVG - calculated  |
| 6/20/2015 7:29                     | 0:31         | KWPII          | 0.062                   |                   | AGC MAVG - calculated  |
| 6/20/2015 8:05                     | 0.03         | KWPII          | 3.447                   |                   | AGC MAVG - calculated  |
| 6/20/2015 8:51                     | 0:26         | KWPII          | 2.407                   |                   | AGC MAVG - calculated  |
| 6/20/2015 9:36                     | 0:06         | KWPII          | 0.126                   |                   | AGC MAVG - calculated  |
| 6/20/2015 9:45                     | 0:13         | KWPII          | 0.774                   | 18.993            |  |
| 6/20/2015 10:01                    | 1:25         | KWPII          | 8.216                   | 19.200            |  |
| 6/20/2015 11:28                    | 0:02         | KWPII          | 0.084                   | 17.633            |  |
| 6/20/2015 11:34<br>6/20/2015 15:51 | 4:16<br>0:02 | KWPII          | 44.662<br>0.014         | 20.680            | AGC MAVG - entered - Maintaining Regulating Reserves and AGC MAVG - calculated AGC MAVG - calculated |
| 6/20/2015 15:51                    | 0:02         | KWPII          | 0.014                   | 20.592            | AGC MAVG - calculated  |
| 6/20/2015 21:58                    | 0:01         | KWPII          | 0.002                   | 20.683            | AGC MAVG - calculated  |
| 6/20/2015 22:21                    | 0:43         | KWPII          | 1.477                   |                   |  |
| 6/20/2015 23:05                    | 4:09         | KWPII          | 31.499                  | 20.692            | AGC MAVG - calculated  |
| 6/21/2015 3:23                     | 2:25         | KWPII          | 21.813                  |                   | AGC MAVG - calculated  |
| 6/21/2015 5:55                     | 0:02         | KWPII          | 0.004                   |                   | AGC MAVG - calculated  |
| 6/21/2015 6:06                     | 0:01         | KWPII          | 0.002                   |                   | AGC MAVG - calculated  |
| 6/21/2015 6:35                     | 0:26         | KWPII          | 1.319                   |                   | AGC MAVG - calculated  |
| 6/21/2015 7:13                     | 0:01         | KWPII          | 0.003                   |                   |  |
| 6/21/2015 7:41                     | 0:10         | KWPII          | 0.215                   |                   |  |
| 6/21/2015 8:02                     | 0:03         | KWPII          | 0.027                   |                   |  |
| 6/21/2015 9:20                     | 0:02         | KWPII          | 0.075                   |                   |  |
| 6/21/2015 9:39                     | 0:01         | KWPII          | 0.006                   | 18.463            | AGC MAVG - calculated  |
|                                    |              |                |                         |                   |  |

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| Start Date and Time  |  | IPP Curtailed  | Estimated Curtailed MWH  | Peak MW Curtailed  | Reasons for Curtailment  |
| 6/21/2015 9:41   | 0:05   | KWPII  | 0.146  |  | AGC MAVG - calculated  |
| 6/21/2015 9:50   | 0:23   | KWPII  | 1.255  |  | AGC MAVG - calculated  |
| 6/21/2015 10:15  | 0:01   | KWPII<br>KWPII   | 0.026  |  | AGC MAVG - calculated  |
| 6/21/2015 23:12  | 0:01<br>0:01   | KWPII  | 0.000  |  | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/21/2015 23:14  |  |  | 0.000  |  |  |
| 6/21/2015 23:21  | 2:59<br>0:01   | KWPII<br>AWE   | 37.092<br>0.015  |  | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/22/2015 1:42   |  | AWE  |  |  |  |
| 6/22/2015 1:48<br>6/22/2015 2:06   | 0:17   | AWE  | 0.885<br>0.046   |  | AGC MAVG - calculated  |
| 6/22/2015 2:06   | 0:02<br>0:01   | AWE  | 0.046  | 7.503  | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/22/2015 2:11   | 3:17   | KWPII  | 47.358   |  | AGC MAVG - calculated  |
| 6/22/2015 2:41   | 0:01   | AWE  | 0.038  |  | AGC MAVG - calculated  |
|  |  |  |  |  |  |
| 6/22/2015 2:44   | 0:04   | AWE  | 0.123  |  | AGC MAVG - calculated  |
| 6/22/2015 2:51   | 0:02   | AWE  | 0.024  |  | AGC MAVG - calculated  |
| 6/22/2015 2:54   | 0:01   | AWE  | 0.007  | 4.887  | AGC MAVG - calculated AGC MAVG - calculated  |
| 6/22/2015 3:08   | 0:40   | AWE  | 5.830  |  |  |
| 6/22/2015 3:51   | 1:34   | AWE  | 8.341  |  | AGC MAVG - calculated  |
| 6/22/2015 5:26   | 0:12   | AWE  | 0.366  |  | AGC MAVG - calculated  |
| 6/22/2015 5:41   | 0:03   | KWPII  | 0.103  |  | AGC MAVG - calculated  |
| 6/22/2015 5:46   | 0:03   | KWPII  | 0.149  |  | AGC MAVG - calculated  |
| 6/22/2015 6:05   | 0:09   | KWPII  | 0.560  |  | AGC MAVG - calculated  |
| 6/22/2015 6:17   | 0:07   | KWPII  | 0.238  |  | AGC MAVG - calculated  |
| 6/22/2015 6:25   | 0:02   | KWPII  | 0.033  |  | AGC MAVG - calculated  |
| 6/22/2015 6:28   | 0:07   | KWPII  | 0.239  |  | AGC MAVG - calculated  |
| 6/22/2015 6:37   | 0:12   | KWPII  | 0.286  |  |  |
| 6/22/2015 10:09  | 0:01   | KWPII  | 0.039  |  | AGC MAVG - calculated  |
| 6/22/2015 14:46  | 0:06   | KWPII  | 0.212  |  | AGC MAVG - calculated  |
| 6/22/2015 21:48  | 2:19   | KWPII  | 26.418   |  | AGC MAVG - calculated  |
| 6/22/2015 23:48  | 0:11   | AWE  | 0.431  |  | AGC MAVG - calculated  |
| 6/23/2015 0:01   | 0:01   | AWE  | 0.010  |  | AGC MAVG - calculated  |
| 6/23/2015 0:09   | 0:41   | KWPII  | 11.883   |  | AGC MAVG - calculated  |
| 6/23/2015 0:25   | 0:02   | AWE  | 0.025  | 10.700   | AGC MAVG - calculated  |
| 6/23/2015 0:28   | 0:02   | AWE  | 0.046  |  | AGC MAVG - calculated  |
| 6/23/2015 0:31   | 0:03   | AWE  | 0.077  |  | AGC MAVG - calculated  |
| 6/23/2015 0:42   | 0:01   | AWE  | 0.018  | 9.100  | AGC MAVG - calculated  |
| 6/23/2015 0:51   | 4:06   | KWPII  | 71.223   | 19,211   | AGC MAVG - calculated  |
| 6/23/2015 1:12   | 0:01   | AWE  | 0.004  |  | AGC MAVG - calculated  |
| 6/23/2015 1:15   | 0:02   | AWE  | 0.042  |  | AGC MAVG - calculated  |
| 6/23/2015 1:53   | 0:01   | AWE  | 0.010  |  | AGC MAVG - calculated  |
| 6/23/2015 1:58   | 0:08   | AWE  | 0.263  |  | AGC MAVG - calculated  |
| 6/23/2015 1:38   | 0:06   | AWE  | 0.203  |  | AGC MAVG - calculated  |
| 6/23/2015 2:16   | 0:00   | AWE  | 0.003  |  | AGC MAVG - calculated  |
| 6/23/2015 2:44   | 0:02   | AWE  | 0.053  |  | AGC MAVG - calculated  |
| 6/23/2015 2:44   | 0:02   | AWE  | 0.033  |  | AGC MAVG - calculated  |
| 6/23/2015 2:59   | 1:07   | AWE  | 4.156  |  | AGC MAVG - calculated  |
|  |  |  |  |  | AGC MAYG - calculated  |
| 6/23/2015 4:21   | 0:20   | AWE  | 0.771  |  |  |
| 6/23/2015 4:59   | 1:02   | KWPII  | 13.944   |  | AGC MAVG - calculated  |
| 6/23/2015 5:33   | 0:01   | AWE  |  |  | AGC MAVG - calculated  |
| 6/23/2015 5:36   | 0:15   | AWE  | 0.060  |  | AGC MAVG - calculated  |
| 6/23/2015 6:03   | 0:20   | KWPII  | 2.115  |  | AGC MAVG - calculated  |
| 6/23/2015 6:27   | 0:01   | KWPII  | 0.004  |  | AGC MAVG - calculated  |
| 6/23/2015 6:33   | 2:50   | KWPII  | 18.903   |  | AGC MAVG - calculated and Testing  |
| 6/23/2015 9:31   | 0:01   | KWPII  | 0.012  |  |  |
| 6/23/2015 9:33   | 0:01   | KWPII  | 0.002  |  | AGC MAVG - calculated and Testing  |
|  |  |  |  |  |  |
| 6/23/2015 9:43   | 0:01   | KWPII  | 0.004  |  | AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46   | 0:01   | KWPII  | 0.001  | 19.021   | AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46<br>6/23/2015 9:49   | 0:01<br>0:01   | KWPII<br>KWPII   | 0.001<br>0.001   | 19.021<br>19.044   | AGC MAVG - calculated and Testing AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46<br>6/23/2015 9:49<br>6/23/2015 9:51   | 0:01   | KWPII  | 0.001  | 19.021<br>19.044   | AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46<br>6/23/2015 9:49   | 0:01<br>0:01   | KWPII<br>KWPII<br>KWPII<br>KWPII   | 0.001<br>0.001   | 19.021<br>19.044<br>19.032   | AGC MAVG - calculated and Testing AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46<br>6/23/2015 9:49<br>6/23/2015 9:51<br>6/23/2015 9:58<br>6/23/2015 10:12  | 0:01<br>0:01<br>0:01<br>0:01<br>2:51   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>KWPII  | 0.001<br>0.001<br>0.001<br>0.020<br>32.816   | 19.021<br>19.044<br>19.032<br>18.805<br>20.373   | AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46<br>6/23/2015 9:49<br>6/23/2015 9:51<br>6/23/2015 9:51<br>6/23/2015 10:12<br>6/23/2015 10:35   | 0:01<br>0:01<br>0:01<br>0:01<br>2:51<br>0:02   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE   | 0.001<br>0.001<br>0.001<br>0.020<br>32.816<br>0.001  | 19.021<br>19.044<br>19.032<br>18.805<br>20.373<br>21.000   | AGC MAVG - calculated and Testing AGC MAVG - calculated and resting AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46<br>6/23/2015 9:49<br>6/23/2015 9:51<br>6/23/2015 9:58<br>6/23/2015 10:12  | 0:01<br>0:01<br>0:01<br>0:01<br>2:51   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>KWPII  | 0.001<br>0.001<br>0.001<br>0.020<br>32.816   | 19.021<br>19.044<br>19.032<br>18.805<br>20.373<br>21.000<br>21.000   | AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46<br>6/23/2015 9:49<br>6/23/2015 9:51<br>6/23/2015 9:51<br>6/23/2015 10:12<br>6/23/2015 10:35   | 0:01<br>0:01<br>0:01<br>0:01<br>2:51<br>0:02   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE   | 0.001<br>0.001<br>0.001<br>0.020<br>32.816<br>0.001  | 19.021<br>19.044<br>19.032<br>18.805<br>20.373<br>21.000<br>21.000   | AGC MAVG - calculated and Testing AGC MAVG - calculated and resting AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46<br>6/23/2015 9:49<br>6/23/2015 9:51<br>6/23/2015 9:58<br>6/23/2015 10:12<br>6/23/2015 10:35<br>6/23/2015 10:38  | 0:01<br>0:01<br>0:01<br>0:01<br>2:51<br>0:02<br>0:01   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE   | 0.001<br>0.001<br>0.001<br>0.020<br>32.816<br>0.001  | 19.021<br>19.044<br>19.032<br>18.805<br>20.373<br>21.000<br>21.000   | AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46<br>6/23/2015 9:49<br>6/23/2015 9:51<br>6/23/2015 9:58<br>6/23/2015 10:12<br>6/23/2015 10:38<br>6/23/2015 10:38<br>6/23/2015 10:38   | 0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>2:51<br>0:02<br>0:01<br>0:03   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE<br>AWE  | 0.001<br>0.001<br>0.001<br>0.020<br>32.816<br>0.001<br>0.002   | 19.021<br>19.044<br>19.032<br>18.805<br>20.373<br>21.000<br>21.000<br>21.000<br>21.000   | AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46<br>6/23/2015 9:49<br>6/23/2015 9:51<br>6/23/2015 9:58<br>6/23/2015 10:32<br>6/23/2015 10:38<br>6/23/2015 10:38<br>6/23/2015 10:53   | 0:01<br>0:01<br>0:01<br>0:01<br>2:51<br>0:02<br>0:01<br>0:03<br>0:22   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE<br>AWE<br>AWE  | 0.001<br>0.001<br>0.001<br>0.020<br>32.816<br>0.001<br>0.002<br>0.009<br>0.144   | 19.021<br>19.044<br>19.032<br>18.805<br>20.373<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000   | AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46<br>6/23/2015 9:49<br>6/23/2015 9:51<br>6/23/2015 10:12<br>6/23/2015 10:35<br>6/23/2015 10:38<br>6/23/2015 10:38<br>6/23/2015 10:53<br>6/23/2015 10:53   | 0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>2:51<br>0:02<br>0:01<br>0:03<br>0:22<br>0:01   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE  | 0.001<br>0.001<br>0.001<br>0.020<br>32.816<br>0.001<br>0.002<br>0.002<br>0.004<br>0.144  | 19.021<br>19.044<br>19.032<br>18.805<br>20.373<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000   | AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46<br>6/23/2015 9:49<br>6/23/2015 9:51<br>6/23/2015 9:58<br>6/23/2015 10:35<br>6/23/2015 10:35<br>6/23/2015 10:39<br>6/23/2015 10:31<br>6/23/2015 10:53<br>6/23/2015 10:53<br>6/23/2015 10:53  | 0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>2:51<br>0:02<br>0:01<br>0:03<br>0:22<br>0:01<br>0:01   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE  | 0.001<br>0.001<br>0.001<br>0.020<br>32.816<br>0.001<br>0.002<br>0.009<br>0.144<br>0.003<br>0.002   | 19.021<br>19.044<br>19.032<br>18.805<br>20.373<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000   | AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46<br>6/23/2015 9:49<br>6/23/2015 9:51<br>6/23/2015 9:58<br>6/23/2015 10:12<br>6/23/2015 10:38<br>6/23/2015 10:38<br>6/23/2015 10:49<br>6/23/2015 11:16<br>6/23/2015 11:16<br>6/23/2015 11:18  | 0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>0:02<br>0:01<br>0:03<br>0:22<br>0:01<br>0:01   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE  | 0.001<br>0.001<br>0.001<br>0.020<br>32.816<br>0.001<br>0.002<br>0.009<br>0.144<br>0.003<br>0.002   | 19,021<br>19,044<br>19,032<br>18,805<br>20,373<br>21,000<br>21,000<br>21,000<br>21,000<br>21,000<br>21,000<br>21,000   | AGC MAVG - calculated and Testing  |
| 6/23/2015 9:49 6/23/2015 9:49 6/23/2015 9:35 6/23/2015 9:35 6/23/2015 9:35 6/23/2015 10:32 6/23/2015 10:30 6/23/2015 10:39 6/23/2015 10:39 6/23/2015 11:16 6/23/2015 11:16 6/23/2015 11:16   | 0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>0:02<br>0:01<br>0:03<br>0:22<br>0:01<br>0:01<br>0:01   | KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE AWE AWE AWE KWPII  | 0.001<br>0.001<br>0.001<br>0.022<br>32.816<br>0.001<br>0.002<br>0.009<br>0.144<br>0.003<br>0.002<br>0.001  | 19.021<br>19.044<br>19.032<br>18.805<br>20.373<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000   | AGC MAVG - calculated and Testing  |
| 6/23/2015 9:46 6/23/2015 9:49 6/23/2015 9:35 6/23/2015 9:35 6/23/2015 9:35 6/23/2015 10:32 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 11:36 6/23/2015 11:36 6/23/2015 11:36 6/23/2015 11:36 6/23/2015 11:36 6/23/2015 11:36 6/23/2015 11:36 6/23/2015 11:36 6/23/2015 11:36 6/23/2015 15:36   | 0:01<br>0:01<br>0:01<br>0:01<br>0:02<br>0:02<br>0:03<br>0:03<br>0:02<br>0:01<br>0:01<br>0:01<br>0:01<br>0:01   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>KWPII<br>KWPII  | 0.001<br>0.001<br>0.001<br>0.022<br>32.816<br>0.001<br>0.002<br>0.003<br>0.144<br>0.003<br>0.002<br>0.001<br>0.002<br>0.001  | 19.021<br>19.044<br>19.032<br>18.805<br>20.373<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000   | AGC MAVG - calculated and Testing AGC MAVG - calculated AGC MAVG - calculated AGC MAVG - calculated  |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:43 6/23/2015 9:58 6/23/2015 9:58 6/23/2015 10:72 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28   | 0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>2:51<br>0:02<br>0:01<br>0:03<br>0:22<br>0:01<br>0:01<br>0:01   | KWPII<br>KWPII<br>KWPII<br>KWPII<br>KWPII<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>AWE<br>KWPII<br>KWPII  | 0.001<br>0.001<br>0.001<br>0.020<br>32.816<br>0.001<br>0.002<br>0.144<br>0.003<br>0.003<br>0.002<br>0.001  | 19.021<br>19.044<br>19.032<br>18.805<br>20.373<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>20.325<br>17.732<br>20.076   | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:46 6/23/2015 9:49 6/23/2015 9:51 6/23/2015 9:55 6/23/2015 10:12 6/23/2015 10:35 6/23/2015 10:35 6/23/2015 10:35 6/23/2015 10:35 6/23/2015 10:35 6/23/2015 11:35 6/23/2015 11:44 6/23/2015 15:05 6/23/2015 15:05 6/23/2015 15:05 6/23/2015 15:05 6/23/2015 15:05 6/23/2015 15:05  | 0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>0:02<br>0:01<br>0:03<br>0:22<br>0:01<br>0:01<br>0:01<br>0:01<br>0:03<br>0:03   | KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE AWE KWPII KWPII KWPII KWPII KWPII  | 0.001<br>0.001<br>0.001<br>0.020<br>32.816<br>0.001<br>0.002<br>0.144<br>0.003<br>0.002<br>0.001<br>0.002<br>0.001<br>0.002<br>0.001   | 19.021<br>19.044<br>19.032<br>18.805<br>20.373<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>21.000<br>20.325<br>11.732<br>20.076<br>20.077<br>20.077<br>20.0772  | AGC MAVG - calculated and Testing AGC MAVG - calculated AGC MAVG - calculated AGC MAVG - calculated  |
| 6/23/2015 9:46 6/23/2015 9:49 6/23/2015 9:51 6/23/2015 9:51 6/23/2015 9:51 6/23/2015 9:52 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:33 6/23/2015 11:16 6/23/2015 11:16 6/23/2015 11:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26  | 0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>0:03<br>0:03   | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE AWE KWPII  | 0.001 0.001 0.001 0.002 32.816 0.001 0.002 0.003 0.004 0.003 0.002 0.001 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003   | 19.021 19.044 19.032 18.805 20.373 21.000  | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:49 6/23/2015 9:49 6/23/2015 9:51 6/23/2015 9:51 6/23/2015 9:58 6/23/2015 10:72 6/23/2015 10:72 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 11:18 6/23/2015 11:18 6/23/2015 15:16 6/23/2015 15:16 6/23/2015 15:16 6/23/2015 15:16 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 16:26   | 0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>0:02<br>0:02<br>0:01<br>0:01   | KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE AWE KWPII KWPII KWPII KWPII KWPII KWPII KWPII  | 0.001<br>0.001<br>0.001<br>0.002<br>32.816<br>0.002<br>0.002<br>0.144<br>0.003<br>0.002<br>0.001<br>0.002<br>0.001<br>0.002<br>0.001<br>0.002  | 19.021 19.044 19.032 18.805 20.373 21.000 20.325 17.732 20.076 20.072 19.131 19.000 19.445 20.237  | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:46 6/23/2015 9:49 6/23/2015 9:51 6/23/2015 9:51 6/23/2015 9:51 6/23/2015 9:52 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:33 6/23/2015 11:16 6/23/2015 11:16 6/23/2015 11:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 15:26  | 0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>0:03<br>0:03   | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE AWE KWPII  | 0.001 0.001 0.001 0.002 32.816 0.001 0.002 0.009 0.144 0.003 0.002 0.009 0.102 0.001 0.022 0.008 0.102 0.001 0.022 0.008   | 19.021 19.044 19.032 18.805 20.373 21.000 20.325 17.732 20.076 20.072 19.131 19.000 19.445 20.237  | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:49 6/23/2015 9:49 6/23/2015 9:51 6/23/2015 9:51 6/23/2015 9:55 6/23/2015 10:72 6/23/2015 10:72 6/23/2015 10:35 6/23/2015 10:35 6/23/2015 10:35 6/23/2015 10:35 6/23/2015 11:35 6/23/2015 11:35 6/23/2015 15:35 6/23/2015 15:35 6/23/2015 15:35 6/23/2015 15:35 6/23/2015 15:35 6/23/2015 15:35 6/23/2015 15:35 6/23/2015 15:35 6/23/2015 15:35 6/23/2015 15:35 6/23/2015 16:35   | 0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>0:02<br>0:02<br>0:01<br>0:01   | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE KWPII  | 0.001 0.001 0.001 0.002 32.816 0.001 0.002 0.003 0.144 0.003 0.002 0.001 0.002 0.003 0.102 0.003 0.102 0.005 0.005 0.0102 0.055 0.015 0.015  | 19.021 19.044 19.032 18.805 20.373 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 11.000 21.000 21.000 21.000 21.000 20.325 11.732 20.076 20.072 19.131 19.000 19.445 20.237 20.237  | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:39 6/23/2015 9:38 6/23/2015 9:38 6/23/2015 10:12 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 16:38 6/23/2015 16:38 6/23/2015 16:38   | 0:01 0:01 0:01 0:01 0:01 0:01 0:01 0:01  | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE KWPII  | 0.001 0.001 0.001 0.002 32.816 0.001 0.002 0.003 0.144 0.003 0.002 0.009 0.102 0.009 0.102 0.001 0.002 0.001 0.002 0.001 0.002   | 19.021 19.044 19.032 18.805 20.373 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 17.000 21.000 21.000 21.000 21.000 21.000 20.325 17.732 20.076 20.072 19.331 19.000 19.445 20.237 20.237 20.237   | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:46 6/23/2015 9:49 6/23/2015 9:51 6/23/2015 9:51 6/23/2015 9:51 6/23/2015 9:52 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 11:16 6/23/2015 11:26 6/23/2015 15:03 6/23/2015 15:03 6/23/2015 15:03 6/23/2015 15:03 6/23/2015 15:03 6/23/2015 15:03 6/23/2015 15:03 6/23/2015 16:05 6/23/2015 16:05 6/23/2015 16:05 6/23/2015 16:05 6/23/2015 16:05  | 0:01 0:01 0:01 0:01 0:01 0:01 0:03 0:02 0:03 0:02 0:01 0:03 0:03 0:03 0:03 0:03 0:03 0:03  | KWPII KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE KWPII  | 0.001 0.001 0.001 0.002 32.816 0.001 0.002 0.003 0.004 0.003 0.002 0.001 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.003 0.002 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003   | 19.021 19.044 19.032 18.805 20.373 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 19.405 20.076 20.072 20.076 20.072 19.131 19.000 19.445 20.237 20.237 20.237 20.237   | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:46 6/23/2015 9:46 6/23/2015 9:51 6/23/2015 9:51 6/23/2015 9:51 6/23/2015 9:52 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 11:16 6/23/2015 11:16 6/23/2015 11:26 6/23/2015 11:26 6/23/2015 15:23 6/23/2015 15:23 6/23/2015 15:23 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25  | 0:01 0:01 0:01 0:01 0:01 0:01 0:02 0:01 0:03 0:22 0:01 0:01 0:01 0:01 0:01 0:01 0:01   | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE KWPII  | 0.001 0.001 0.002 32.815 0.001 0.002 0.009 0.144 0.003 0.002 0.009 0.102 0.009 0.102 0.001 0.002 0.001 0.002 0.001 0.002 0.003 0.002 0.001 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.005 | 19.021 19.044 19.032 18.805 20.373 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 20.325 11.732 20.076 20.072 19.131 19.000 19.445 20.237 20.237 20.237 20.237 20.237  | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:59 6/23/2015 9:58 6/23/2015 9:58 6/23/2015 10:12 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:33 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 15:28 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:28 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23   | 0:01 0:01 0:01 0:01 0:01 0:01 0:02 0:01 0:03 0:02 0:01 0:01 0:01 0:01 0:01 0:01 0:01   | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE KWPII  | 0.001 0.001 0.001 0.002 32.816 0.001 0.002 0.009 0.004 0.002 0.001 0.002 0.001 0.002 0.005 0.001 0.002 0.005 0.001 0.002 0.005 0.001 0.002 0.008 0.001 0.002 0.008 0.001 0.002 0.008 0.002 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008   | 19.021 19.044 19.042 18.085 20.373 21.0000 21.0000 21.0000 21.0000 21.0000 21.0000 21.0000 21.0000 2 | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:31 6/23/2015 9:31 6/23/2015 9:35 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:33 6/23/2015 10:33 6/23/2015 11:16 6/23/2015 11:25 6/23/2015 11:25 6/23/2015 15:25 6/23/2015 15:25 6/23/2015 15:25 6/23/2015 15:25 6/23/2015 16:38   | 0:01 0:01 0:01 0:01 0:01 0:01 0:02 0:02  | KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE AWE KWPII  | 0.001 0.001 0.001 0.002 32.816 0.001 0.002 0.003 0.144 0.003 0.002 0.001 0.002 0.009 0.102 0.009 0.102 0.009 0.102 0.001 0.005 0.001 0.005 0.001 0.005 0.002 0.005   | 19.021 19.044 19.032 18.805 20.373 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 20.325 11.732 20.076 20.072 19.131 19.000 19.445 20.237 20.237 19.974 20.706 15.337 15.631   | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:59 6/23/2015 9:50 6/23/2015 9:50 6/23/2015 10:12 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:33 6/23/2015 10:33 6/23/2015 11:18 6/23/2015 11:18 6/23/2015 11:18 6/23/2015 13:14 6/23/2015 15:26 6/23/2015 15:26 6/23/2015 16:20 6/23/2015 16:20 6/23/2015 16:20 6/23/2015 16:20 6/23/2015 16:20 6/23/2015 16:20 6/23/2015 22:40 6/24/2015 5:05 6/24/2015 5:05   | 0:01<br>0:01<br>0:01<br>0:01<br>0:02<br>0:02<br>0:03<br>0:03<br>0:03<br>0:01<br>0:01<br>0:01<br>0:01<br>0:01   | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE KWPII  | 0.001 0.001 0.001 0.002 32.816 0.001 0.002 0.009 0.144 0.003 0.002 0.009 0.102 0.009 0.102 0.005 0.001 0.002 0.005 0.001 0.002 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009   | 19.021 19.044 19.042 18.05 20.373 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 20.325 17.732 20.076 20.072 19.131 19.000 19.445 20.237 20.237 19.974 20.706 15.387 16.101 15.288   | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:31 6/23/2015 9:35 6/23/2015 9:35 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 16:08   | 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01  | KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE KWPII  | 0.001 0.001 0.001 0.001 0.002 32.816 0.002 0.002 0.003 0.002 0.003 0.002 0.001 0.002 0.003 0.002 0.003 0.002 0.003 0.003 0.002 0.003   | 19.021 19.044 19.032 18.805 20.373 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 20.325 11.732 20.076 20.072 19.131 19.000 19.445 20.237 20.237 19.974 20.706 15.399 15.631 16.101 15.288  | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:51 6/23/2015 9:51 6/23/2015 9:52 6/23/2015 9:52 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:33 6/23/2015 10:33 6/23/2015 11:32 6/23/2015 11:32 6/23/2015 11:32 6/23/2015 15:32 6/23/2015 16:32 6/23/2015 5:32 6/23/2015 5:32 6/23/2015 5:32 6/23/2015 5:32 6/23/2015 5:32 6/23/2015 5:32 6/23/2015 5:32 6/23/2015 5:32 6/23/2015 5:32 6/24/2015 5:32  | 0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>0:02<br>0:01<br>0:03<br>0:02<br>0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>0:01<br>0:01   | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE AWE KWPII  | 0.001 0.001 0.001 0.002 32.876 0.001 0.002 0.003 0.144 0.003 0.002 0.009 0.102 0.009 0.102 0.001 0.002 0.001 0.002 0.001 0.002 0.001 0.002 0.001 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.005 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.003 0.002 0.003   | 19.021 19.044 19.032 18.805 20.373 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 20.325 11.732 20.076 20.072 20.072 20.072 20.076 20.072 19.131 19.000 19.445 20.237 20.237 19.974 20.766 15.397 15.631 16.101 15.288 13.180 11.247  | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:59 6/23/2015 9:51 6/23/2015 9:58 6/23/2015 10:12 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:33 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 15:38 6/23/2015 15:43 6/23/2015 15:43 6/23/2015 15:43 6/23/2015 15:43 6/23/2015 15:43 6/23/2015 15:43 6/23/2015 15:43 6/23/2015 15:43 6/23/2015 15:43 6/23/2015 15:43 6/23/2015 16:23   | (3.01) (3.01) (3.01) (3.01) (3.01) (3.01) (3.02) (3.01) (3 | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE KWPII  | 0.001 0.001 0.001 0.002 3.2.816 0.001 0.002 0.003 0.004 0.003 0.002 0.001 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003  | 19.021 19.044 19.032 18.805 20.373 21.0000 21.0000 21.0000 21.0000 21.0000 21.0000 21.0000 21.0000 2 | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:49 6/23/2015 9:49 6/23/2015 9:51 6/23/2015 9:51 6/23/2015 9:52 6/23/2015 10:72 6/23/2015 10:72 6/23/2015 10:73 6/23/2015 10:73 6/23/2015 10:73 6/23/2015 10:73 6/23/2015 11:73 6/23/2015 11:73 6/23/2015 11:73 6/23/2015 15:73 6/23/2015 15:73 6/23/2015 15:73 6/23/2015 15:73 6/23/2015 15:73 6/23/2015 15:73 6/23/2015 15:73 6/23/2015 16:73 6/23/2015 16:73 6/23/2015 16:73 6/23/2015 16:73 6/23/2015 16:73 6/23/2015 16:73 6/23/2015 16:73 6/23/2015 16:75   | (3.01) (3.01) (3.01) (3.01) (3.01) (3.01) (3.02) (3.01) (3 | KWPII KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE KWPII  | 0.001 0.001 0.002 32.876 0.001 0.002 0.003 0.144 0.003 0.002 0.009 0.102 0.009 0.102 0.001 0.002 0.001 0.002 0.001 0.002 0.000 0.002 0.000 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.006 0.008 0.008 0.008 0.008 0.008   | 19.021 19.044 19.032 18.805 20.373 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 20.325 11.732 20.076 20.072 19.131 19.000 19.445 20.237 20.237 19.974 20.706 15.387 16.631 16.101 15.288 13.180 11.247 16.242 19.072   | AGC MAVG - calculated and Testing AGC MAVG - calculated  |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:59 6/23/2015 9:50 6/23/2015 9:50 6/23/2015 10:12 6/23/2015 10:12 6/23/2015 10:30 6/23/2015 10:30 6/23/2015 10:30 6/23/2015 11:30 6/23/2015 11:30 6/23/2015 11:30 6/23/2015 15:30 6/23/2015 15:30 6/23/2015 15:30 6/23/2015 16:20   | (3.01) (3.01) (3.01) (3.01) (3.01) (3.01) (3.02) (3.01) (3 | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE AWE KWPII  | 0.001 0.001 0.001 0.002 32.816 0.001 0.002 0.009 0.009 0.004 0.002 0.009 0.001 0.002 0.009 0.001 0.002 0.009 0.002 0.009 0.002 0.009 0.002 0.009 0.002 0.009 0.002 0.008 0.002 0.002 0.008 0.002 0.002 0.002 0.002 0.003 0.002 0.002 0.003 0.002 0.002 0.003 0.002 0.003 0.004 0.004 0.004   | 19.021 19.044 19.032 18.805 20.373 21.0000 21.0000 21.0000 21.0000 21.0000 21.0000 21.0000 21.0000 2 | AGC MAVG - calculated and Testing AGC MAVG - calculated                              |
| 6/23/2015 9:48 6/23/2015 9:48 6/23/2015 9:31 6/23/2015 9:31 6/23/2015 9:31 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:33 6/23/2015 10:33 6/23/2015 11:16 6/23/2015 11:36 6/23/2015 11:36 6/23/2015 15:36 6/23/2015 15:36 6/23/2015 15:36 6/23/2015 15:36 6/23/2015 15:36 6/23/2015 15:36 6/23/2015 15:36 6/23/2015 16:38 6/23/2015 16:38 6/23/2015 16:38 6/23/2015 16:36 6/24/2015 16:36 6/24/2015 10:36   | (3.01) (3.01) (3.01) (3.01) (3.01) (3.01) (3.02) (3.03) (3.03) (3.03) (3.01) (3 | KWPII KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE KWPII  | 0.001 0.001 0.001 0.002 32.816 0.001 0.002 0.009 0.144 0.003 0.002 0.009 0.102 0.009 0.102 0.008 0.012 0.005 0.012 0.005 0.001 0.002 0.008 0.002 0.008 0.002 0.008 0.002 0.008 0.002 0.002 0.008 0.002 0.003 0.003   | 19.021 19.044 19.032 18.805 20.373 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 20.325 10.331 19.000 19.445 20.237 20.237 19.341 20.708 15.397 15.631 16.6101 15.298 13.180 11.247 16.242 19.072 20.687   | AGC MAVG - calculated and Testing AGC MAVG - calculated                              |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:59 6/23/2015 9:50 6/23/2015 10:12 6/23/2015 10:12 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:33 6/23/2015 10:33 6/23/2015 11:38 6/23/2015 11:38 6/23/2015 11:38 6/23/2015 14:43 6/23/2015 14:43 6/23/2015 16:28 6/24/2015 16:28    | (0.01) (0 | KWPII KWPII KWPII KWPII KWPII KWPII AWE AWE AWE AWE AWE KWPII  | 0.001 0.001 0.001 0.0020 32.816 0.0021 0.0021 0.0021 0.0021 0.0031 0.0022 0.0031 0.0022 0.0031 0.0041 0.0058 0.0162 0.0058 0.0162 0.0058 0.0059 0.005 | 19.021 19.044 19.042 18.005 20.373 21.0000 21.0000 21.0000 21.0000 21.0000 21.0000 21.0000 21.0000 2 | AGC MAVG - calculated and Testing AGC MAVG - calculated                              |
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| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:51 6/23/2015 9:55 6/23/2015 10:12 6/23/2015 10:12 6/23/2015 10:12 6/23/2015 10:13 6/23/2015 10:35 6/23/2015 10:35 6/23/2015 11:35 6/23/2015 11:35 6/23/2015 11:35 6/23/2015 15:35 6/23/2015 15:35 6/23/2015 15:35 6/23/2015 16:25  | (CO) (CO) (CO) (CO) (CO) (CO) (CO) (CO)  | KWPII KWPII KWPII KWPII KWPII AWE  | 0.001 0.001 0.002 3.2.816 0.001 0.002 0.003 0.003 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.003 0.002 0.003 0.003 0.002 0.003  | 19.021 19.044 19.032 18.805 20.373 21.000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.00000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.00000 20.00000 20.00000 20.00000 20 | AGC MAVG - calculated and resting AGC MAVG - calculated AGC MAVG - calcu |
| 6/23/2015 9:48 6/23/2015 9:48 6/23/2015 9:38 6/23/2015 9:38 6/23/2015 9:38 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/23/2015 16:28 6/24/2015 9:33 6/24/2015 16:39 6/25/2015 16:39  | (CO) 1 (C | KWPII  | 0.001 0.001 0.001 0.002 3.2876 0.001 0.002 0.003 0.144 0.003 0.002 0.009 0.102 0.009 0.102 0.009 0.102 0.009 0.102 0.009 0.102 0.009 0.102 0.009 0.102 0.009 0.102 0.009 0.102 0.009 0.002 0.009 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.003 | 19.021 19.044 19.032 18.805 20.373 21.000 20.072 20.078 20.088 20.087 20.088 20.087 20.088 20.087 20.088 20.087 20.088 20.097 20.708 20 | AGC MAVG - calculated and resting AGC MAVG - calculated AGC MAVG - cal |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:59 6/23/2015 9:50 6/23/2015 9:50 6/23/2015 10:12 6/23/2015 10:12 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:33 6/23/2015 11:38 6/23/2015 11:38 6/23/2015 11:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 16:28   | (CO) (CO) (CO) (CO) (CO) (CO) (CO) (CO)  | KWPII KWPII KWPII KWPII KWPII AWE  | 0.001 0.001 0.001 0.002 32.816 0.001 0.002 0.003 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.003 0.002 0.003   | 19.021 19.044 19.042 19.042 19.042 19.042 19.042 19.042 19.042 19.040 21.000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.00000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.00000 20.00000 20.0000 20.00000 20.00000 20.00000 20.00000 20.00000000                      | AGC MAYC - calculated and lesting AGC MAYC - calculated AG |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:35 6/23/2015 9:35 6/23/2015 9:35 6/23/2015 10:12 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 15:28 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 15:38 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 16:23 6/23/2015 10:38 6/23/2015 20:38 6/2 | (3.01) (3 | KWPII  | 0.001 0.001 0.002 3.2876 0.001 0.002 0.003 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.005 0.006 | 19.021 19.044 19.032 18.805 20.373 21.000 20.072 20.072 20.373 19.974 20.708 15.397 15.631 16.011 15.298 20.687 20.688 20.697 20.708 20.699 20.707 20.700 3.897 3.897 3.897 3.893 3.897  | AGC MAYC - calculated and festing AGC MAYC - calculated and resting AGC MAYC - calculated AG |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:59 6/23/2015 9:51 6/23/2015 9:51 6/23/2015 10:72 6/23/2015 10:72 6/23/2015 10:73 6/23/2015 10:73 6/23/2015 10:73 6/23/2015 10:73 6/23/2015 10:73 6/23/2015 11:78 6/23/2015 11:78 6/23/2015 11:78 6/23/2015 11:78 6/23/2015 16:73   | (0.01) (0 | KWPII  | 0.001 0.001 0.002 3.2.816 0.003 0.002 0.003 0.003 0.003 0.003 0.004 0.003 0.005 0.00 | 19.021 19.044 19.042 19.042 18.055 20.373 21.000 20.0325 17.732 20.076 20.072 19.131 19.000 19.445 20.237 19.974 20.706 15.397 15.587 15.587 15.587 15.587 15.288 13.180 11.247 15.288 13.180 11.247 10.242 10.086 20.087 20.088 20.0897 20.0897 20.0897 20.0897 20.700 20.7 | AGC MAYC - calculated and festing AGC MAYC - calculated AGC MAYC - c |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:59 6/23/2015 9:50 6/23/2015 9:50 6/23/2015 10:12 6/23/2015 10:12 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 11:28 6/23/2015 16:23 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 10:38 6/23/2015 11:39 6/23/2015 16:23 6/23/2015 27:26 6/2 | (CO) (CO) (CO) (CO) (CO) (CO) (CO) (CO)  | KWPII  | 0.001 0.001 0.002 3.2816 0.001 0.002 0.003 0.003 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.005 0.005 0.006 0.088 0.088 0.088 0.088 0.088 0.088 0.088 0.092 0.002 0.002 0.002 0.002 0.003   | 19.021 19.044 19.032 18.805 20.373 21.000 20.032 20.037 20.037 20.038 20.039 20.040 20 | AGC MAYC - calculated and lesting AGC MAYC - calculated AGC MAYC - cal |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:49 6/23/2015 9:15 6/23/2015 9:15 6/23/2015 10:12 6/23/2015 10:12 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:33 6/23/2015 10:35   | (0.01) (0 | KWPII  | 0.001 0.001 0.001 0.002 32.816 0.001 0.002 0.002 0.003 0.003 0.004 0.003 0.004 0.005 | 19.021 19.044 19.042 19.042 19.032 18.055 20.373 21.000 20.0325 17.732 20.076 20.072 19.131 19.000 19.445 20.237 19.974 20.706 15.337 16.101 15.298 13.180 11.247 15.242 19.072 20.087 20.0897 20.0897 20.0897 20.0897 20.0897 20.700 20. | AGC MAYG - calculated and lesting AGC MAYG - calculated AGC MAYG - cal |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:59 6/23/2015 9:50 6/23/2015 9:50 6/23/2015 10:12 6/23/2015 10:12 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 11:32 6/23/2015 11:33 6/23/2015 15:33 6/23/2015 15:33 6/23/2015 15:33 6/23/2015 16:23 6/23/2015 10:35 6/23/2015 10:35 6/23/2015 10:35 6/23/2015 10:35 6/23/2015 10:35 6/23/2015 10:35 6/23/2015 10:35 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/23/2015 16:25 6/25/2015 16:25 6/25/2015 2:35  | (0.01) (0 | KWPII  | 0.001 0.001 0.002 3.2.876 0.001 0.002 0.003 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.003 0.002 0.003 0.00 | 19.021 19.044 19.032 18.805 20.373 21.000 20.0000 20.000 20.000 20.000 20.000 20.000 20.00000 20.0000 20.0000 20.0000 20.0000 20.00000 20.00000 20.00000 20.00000000              | AGC MAYG - calculated and testing AGC MAYG - calculated AGC MAYG - c |
| 6/23/2015 9:48 6/23/2015 9:49 6/23/2015 9:49 6/23/2015 9:15 6/23/2015 9:15 6/23/2015 10:12 6/23/2015 10:12 6/23/2015 10:32 6/23/2015 10:32 6/23/2015 10:33 6/23/2015 10:35   | (0.01) (0 | KWPII  | 0.001 0.001 0.001 0.002 32.816 0.001 0.002 0.002 0.003 0.003 0.004 0.003 0.004 0.005 | 19.021 19.044 19.042 19.042 18.055 20.373 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 21.000 20.325 17.732 20.076 20.072 19.131 19.000 19.445 20.237 20.237 19.974 20.766 15.397 15.393 15.393 15.393 15.203 20.573 20.579 20.088 20.088 20.070 20.708 20.088 20.070 20.708 20.088 20.707 20.708 20 | AGC MAYG - calculated and testing AGC MAYG - calculated AGC MAYG - c |

## **DOCKET NO. 2011-0206** ORDER NO. 30371 I.C.(3)(a)&(b) **ATTACHMENT 6**

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#### RSWG Maui Curtailment Report June 2015

| Start Date and Time | Duration | IPP Curtailed | Estimated Curtailed MWH | Peak MW Curtailed | Reasons for Curtailment  |  |
|---------------------|----------|---------------|-------------------------|-------------------|--|--|
| 6/25/2015 5:22      | 1:16     | KWPII         | 6.796                   | 20.708            | 708 AGC MAVG - calculated  |  |
| 6/25/2015 6:46      | 1:47     | KWPII         | 15.366                  | 20.701            | AGC MAVG - calculated and Good Engineering and Operating Practices |  |
| 6/25/2015 8:35      | 0:01     | KWPII         | 0.017                   |                   | AGC MAVG - calculated  |  |
| 6/25/2015 8:45      | 2:30     | KWPII         | 13.594                  | 20.450            | AGC MAVG - calculated  |  |
| 6/25/2015 11:18     | 0:08     | KWPII         | 0.252                   | 18.969            | AGC MAVG - calculated  |  |
| 6/25/2015 11:27     | 0:02     | KWPII         | 0.059                   | 18.979            | AGC MAVG - calculated  |  |
| 6/25/2015 11:37     | 0:08     | KWPII         | 0.198                   | 19.031            | AGC MAVG - calculated  |  |
| 6/25/2015 11:59     | 0:01     | KWPII         | 0.002                   | 18.875            | AGC MAVG - calculated  |  |
| 6/25/2015 12:07     | 0:07     | KWPII         | 0.181                   | 19.472            | AGC MAVG - calculated  |  |
| 6/25/2015 12:17     | 0:22     | KWPII         | 0.660                   | 20.538            | AGC MAVG - calculated  |  |
| 6/25/2015 12:41     | 0:02     | KWPII         | 0.043                   | 18.228            | AGC MAVG - calculated  |  |
| 6/25/2015 12:48     | 0:18     | KWPII         | 0.604                   | 18.985            | AGC MAVG - calculated  |  |
| 6/25/2015 13:07     | 0:03     | KWPII         | 0.067                   | 18.483            | AGC MAVG - calculated  |  |
| 6/25/2015 13:16     | 0:04     | KWPII         | 0.056                   | 20.529            | AGC MAVG - calculated  |  |
| 6/25/2015 13:25     | 0:05     | KWPII         | 0.102                   | 20.596            | AGC MAVG - calculated  |  |
| 6/25/2015 13:32     | 0:04     | KWPII         | 0.034                   | 20.603            | AGC MAVG - calculated  |  |
| 6/25/2015 13:37     | 0:01     | KWPII         | 0.002                   | 20.275            | AGC MAVG - calculated  |  |
| 6/25/2015 13:41     | 0:08     | KWPII         | 0.078                   | 20.608            | AGC MAVG - calculated  |  |
| 6/25/2015 13:50     | 0:04     | KWPII         | 0.056                   | 20.667            | AGC MAVG - calculated  |  |
| 6/25/2015 13:55     | 0:08     | KWPII         | 0.178                   | 20.597            | AGC MAVG - calculated  |  |
| 6/25/2015 14:04     | 0:01     | KWPII         | 0.008                   | 20.174            | AGC MAVG - calculated  |  |
| 6/25/2015 14:09     | 0:02     | KWPII         | 0.008                   | 20.525            | AGC MAVG - calculated  |  |
| 6/25/2015 22:45     | 0:07     | KWPII         | 0.194                   | 18.292            | AGC MAVG - calculated  |  |
| 6/25/2015 22:55     | 0:06     | KWPII         | 0.211                   | 18.660            | AGC MAVG - calculated  |  |
| 6/25/2015 23:02     | 0:01     | KWPII         | 0.018                   | 15.164            | AGC MAVG - calculated  |  |
| 6/25/2015 23:04     | 0:01     | KWPII         | 0.024                   | 14.615            | AGC MAVG - calculated  |  |
| 6/25/2015 23:06     | 0:34     | KWPII         | 2.699                   | 16.275            | AGC MAVG - calculated  |  |
| 6/26/2015 0:13      | 0:01     | KWPII         | 0.020                   | 13.551            | AGC MAVG - calculated  |  |
| 6/26/2015 0:17      | 0:30     | KWPII         | 1.324                   | 17.327            | AGC MAVG - calculated  |  |
| 6/26/2015 0:50      | 0:02     | KWPII         | 0.053                   | 9.120             | AGC MAVG - calculated  |  |
| 6/26/2015 0:53      | 0:02     | KWPII         | 0.035                   | 8.093             | AGC MAVG - calculated  |  |
| 6/26/2015 1:00      | 1:22     | KWPII         | 9.352                   | 18.784            | AGC MAVG - calculated  |  |
| 6/26/2015 2:45      | 0:29     | KWPII         | 2.030                   | 17.856            | AGC MAVG - calculated  |  |
| 6/26/2015 3:15      | 0:02     | KWPII         | 0.014                   | 15.471            | AGC MAVG - calculated  |  |
| 6/26/2015 4:11      | 0:08     | KWPII         | 0.221                   | 18.405            | AGC MAVG - calculated  |  |
| 6/26/2015 4:20      | 0:01     | KWPII         | 0.022                   | 18.102            | AGC MAVG - calculated  |  |
| 6/26/2015 4:22      | 0:02     | KWPII         | 0.015                   | 18.279            | AGC MAVG - calculated  |  |
| 6/26/2015 4:32      | 1:06     | KWPII         | 9.615                   | 19.137            | AGC MAVG - calculated  |  |
| 6/26/2015 7:14      | 0:36     | KWPII         | 3.922                   | 19.207            | AGC MAVG - calculated  |  |
| 6/26/2015 7:52      | 0:01     | KWPII         | 0.016                   | 19.178            | AGC MAVG - calculated  |  |
| 6/26/2015 7:54      | 0:02     | KWPII         | 0.028                   | 19.119            | AGC MAVG - calculated  |  |
| 6/26/2015 7:57      | 0:01     | KWPII         | 0.009                   |                   | AGC MAVG - calculated  |  |
| 6/26/2015 7:59      | 0:01     | KWPII         | 0.008                   | 19.187            | AGC MAVG - calculated  |  |
| 6/26/2015 8:19      | 0:01     | KWPII         | 0.010                   | 18.751            | AGC MAVG - calculated  |  |
| 6/26/2015 8:21      | 2:19     | KWPII         | 14.723                  | 19.200            | AGC MAVG - calculated  |  |
| 6/26/2015 10:42     | 0:58     | KWPII         | 6.292                   | 16.806            | AGC MAVG - calculated  |  |
| 6/26/2015 11:43     | 0:01     | KWPII         | 0.026                   | 14.676            | AGC MAVG - calculated  |  |
| 6/26/2015 11:56     | 0:03     | KWPII         | 0.071                   |                   | AGC MAVG - calculated  |  |
| 6/26/2015 12:06     | 0:02     | KWPII         | 0.044                   | 15.389            | AGC MAVG - calculated  |  |
| 6/26/2015 12:15     | 0:03     | KWPII         | 0.048                   | 14.871            | AGC MAVG - calculated  |  |
| 6/26/2015 14:00     | 0:03     | KWPII         | 0.050                   | 13.639            | AGC MAVG - calculated  |  |
| 6/26/2015 20:19     | 0:01     | AWE           | 0.000                   | 0.007             | AGC MAVG - calculated  |  |
| 6/27/2015 17:03     | 0:01     | KWP           | 0.000                   | 0.006             | AGC MAVG - calculated  |  |
| 6/28/2015 6:02      | 0:01     | KWP           | 0.000                   |                   | AGC MAVG - calculated  |  |
| 6/28/2015 6:25      | 0:01     | KWP           | 0.000                   | 0.001             | AGC MAVG - calculated  |  |
|                     |          |               |                         |                   |  |  |

Notes:

- Curtalment for Kaheawa Wind Power ("KWP"), Makila Hydroelectric ("MH"), AAAAA Rent-A-Space Maui LTD ("5A"), Bioreal Solar, LLC ("BS"), Auwahi Wind Energy ("AWE"), and Kaheawa Wind Power II ("KWPII") may now be controlled by Maui Electric's Automatic Generation Control System ("AGC") or a Maui Electric operator-entered curtailment limit. The AGC curtailment control automatically calculates the amount of Maximum Allowable Variable Generation ("MAVG") that Maui Electric can accept into the Maui system, based on the system current available variable generation ("CAVG"), regulating reserve down requirement ("RRDR"), and available regulating reserve down ("ARRD"). Thus, the AGC MAVG - calculated is equal to CAVG less (RRDR less ARRD). Additionally, the AGC curtailment control allows the Maui Electric operator to enter an AGC MAVG value. The AGC curtailment control will employ the lesser of the AGC MAVG - calculated and AGC MAVG - entered values in the control logic.

- The Estimated Curtailed MWH and Peak MW Curtailed are calculated with information provided by AWE, KWP, and KWPIII. Maui Electric does not make any representation as to its accuracy.

- The data to calculate the Estimated Curtailment MWH and Peak MW Curtailed is not provided by SA, BS, or MH.

- Curtailment signals sent to 5A or BS during nignitime hours are not recorded as curtailment events because no energy generation is possible during that time.



Lanai Curtailment Report June 2015

| Start Date/Time                   | Stop Date/Time                    | Duration (h:mm) | IPP Curtailed | Estimated MWH Curtailed                      | Peak MW Curtailed                            | Reasons for Curtailment  |
|-----------------------------------|-----------------------------------|-----------------|---------------|--|--|--|
| 6/1/2015 5:00                     | 6/1/2015 6:20                     | 1:21            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/1/2015 18:44                    | 6/1/2015 19:59                    | 1:16            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/2/2015 5:00                     | 6/2/2015 6:05                     | 1:06            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/2/2015 18:46                    | 6/2/2015 19:59                    | 1:14            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/3/2015 5:00                     | 6/3/2015 6:06                     | 1:07            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/3/2015 17:59                    | 6/3/2015 18:08                    | 0:10            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/3/2015 18:41                    | 6/3/2015 19:59                    | 1:19            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/4/2015 5:00                     | 6/4/2015 6:05                     | 1:06            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/4/2015 18:43                    | 6/4/2015 18:44                    | 0:02            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/4/2015 18:47<br>6/5/2015 5:00   | 6/4/2015 19:59<br>6/5/2015 6:05   | 1:13<br>1:06    | LSR<br>LSR    | Data is not available Data is not available  | Data is not available Data is not available  | Good Engineering and Operating Practices Good Engineering and Operating Practices  |
| 6/5/2015 18:15                    | 6/5/2015 18:17                    | 0:03            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices  Good Engineering and Operating Practices |
| 6/5/2015 18:30                    | 6/5/2015 18:37                    | 0:08            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/5/2015 18:39                    | 6/5/2015 18:42                    | 0:04            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/5/2015 18:46                    | 6/5/2015 19:59                    | 1:14            | LSR           | Data is not available                        | Data is not available                        | Testing  |
| 6/6/2015 5:00                     | 6/6/2015 6:05                     | 1:06            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/6/2015 18:37                    | 6/6/2015 19:59                    | 1:23            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/7/2015 5:00                     | 6/7/2015 6:06                     | 1:07            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/7/2015 18:39                    | 6/7/2015 19:59                    | 1:21            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/8/2015 5:00                     | 6/8/2015 6:05                     | 1:06            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/8/2015 18:48                    | 6/8/2015 19:59                    | 1:12            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/9/2015 5:00                     | 6/9/2015 6:06                     | 1:07            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/9/2015 18:49                    | 6/9/2015 19:59                    | 1:11            | LSR           | Data is not available                        | Data is not available                        | Testing  |
| 6/10/2015 5:00                    | 6/10/2015 6:06                    | 1:07            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/10/2015 18:44                   | 6/10/2015 18:44                   | 0:01            | LSR<br>LSR    | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/10/2015 18:49<br>6/11/2015 5:00 | 6/10/2015 19:59<br>6/11/2015 5:41 | 1:11<br>0:42    | LSR           | Data is not available Data is not available  | Data is not available  Data is not available | Good Engineering and Operating Practices   |
| 6/11/2015 5:00                    | 6/11/2015 5:41                    | 1:10            | LSR           | Data is not available                        | Data is not available  Data is not available | Good Engineering and Operating Practices Good Engineering and Operating Practices  |
| 6/12/2015 16:50                   | 6/12/2015 19.59                   | 1:07            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices  Good Engineering and Operating Practices |
| 6/12/2015 18:53                   | 6/12/2015 19:59                   | 1:07            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/13/2015 5:00                    | 6/13/2015 6:09                    | 1:10            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/13/2015 18:44                   | 6/13/2015 19:59                   | 1:16            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/14/2015 5:00                    | 6/14/2015 6:09                    | 1:10            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/14/2015 17:39                   | 6/14/2015 17:42                   | 0:04            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/14/2015 18:53                   | 6/14/2015 19:59                   | 1:07            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/15/2015 5:00                    | 6/15/2015 6:07                    | 1:08            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/15/2015 18:51                   | 6/15/2015 19:59                   | 1:09            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/16/2015 5:00                    | 6/16/2015 6:07                    | 1:08            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/16/2015 18:49                   | 6/16/2015 19:59                   | 1:11            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/17/2015 5:00                    | 6/17/2015 6:07                    | 1:08            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/17/2015 6:10                    | 6/17/2015 6:19                    | 0:10            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/17/2015 18:48<br>6/18/2015 5:00 | 6/17/2015 19:59<br>6/18/2015 5:45 | 1:12<br>0:46    | LSR<br>LSR    | Data is not available Data is not available  | Data is not available  Data is not available | Good Engineering and Operating Practices Good Engineering and Operating Practices  |
| 6/18/2015 6:16                    | 6/18/2015 6:18                    | 0:46            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices  Good Engineering and Operating Practices |
| 6/18/2015 6:21                    | 6/18/2015 6:22                    | 0:03            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/18/2015 18:52                   | 6/18/2015 19:59                   | 1:08            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/19/2015 5:00                    | 6/19/2015 6:26                    | 1:27            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/19/2015 18:45                   | 6/19/2015 19:59                   | 1:15            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/20/2015 5:00                    | 6/20/2015 6:07                    | 1:08            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/20/2015 18:52                   | 6/20/2015 19:59                   | 1:08            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/21/2015 5:00                    | 6/21/2015 6:08                    | 1:09            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/21/2015 18:41                   | 6/21/2015 18:41                   | 0:01            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/21/2015 18:52                   | 6/21/2015 19:59                   | 1:08            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/22/2015 5:00                    | 6/22/2015 6:08                    | 1:09            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/22/2015 18:54                   | 6/22/2015 19:59                   | 1:06            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/23/2015 5:00                    | 6/23/2015 6:20                    | 1:21            | LSR<br>LSR    | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/23/2015 18:51                   | 6/23/2015 19:59<br>6/24/2015 6:17 | 1:09<br>1:18    | LSR           | Data is not available                        | Data is not available  Data is not available | Good Engineering and Operating Practices   |
| 6/24/2015 5:00<br>6/24/2015 6:19  | 6/24/2015 6:17                    | 0:05            | LSR           | Data is not available  Data is not available | Data is not available                        | Good Engineering and Operating Practices Good Engineering and Operating Practices  |
| 6/24/2015 16:37                   | 6/24/2015 16:49                   | 0:03            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices  Good Engineering and Operating Practices |
| 6/24/2015 18:34                   | 6/24/2015 10:49                   | 1:26            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices  Good Engineering and Operating Practices |
| 6/25/2015 5:00                    | 6/25/2015 6:08                    | 1:09            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/25/2015 17:06                   | 6/25/2015 17:16                   | 0:11            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/25/2015 18:07                   | 6/25/2015 18:15                   | 0:09            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/25/2015 18:29                   | 6/25/2015 19:59                   | 1:31            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/26/2015 5:00                    | 6/26/2015 6:15                    | 1:16            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/26/2015 18:53                   | 6/26/2015 19:59                   | 1:07            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/27/2015 5:00                    | 6/27/2015 6:09                    | 1:10            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/27/2015 18:52                   | 6/27/2015 19:59                   | 1:08            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/28/2015 5:00                    | 6/28/2015 6:11                    | 1:12            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/28/2015 18:54                   | 6/28/2015 19:59                   | 1:06            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/29/2015 5:00                    | 6/29/2015 6:11                    | 1:12            | LSR           | Data is not available                        | Data is not available                        | Good Engineering and Operating Practices   |
| 6/29/2015 18:09<br>6/30/2015 5:00 | 6/29/2015 19:59<br>6/30/2015 6:11 | 1:51<br>1:12    | LSR<br>LSR    | Data is not available Data is not available  | Data is not available Data is not available  | Good Engineering and Operating Practices Good Engineering and Operating Practices  |
| Notes:                            | 0/30/2013 0:11                    | 1:12            | LOR           | Data is not available                        | Data is flot available                       | Occur Engineering and Operating Practices  |
| 140165.                           |                                   |                 |               |  |  |  |

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.