1 Q. Reference: Energy Supply Risk Assessment Update, November 30, 2016, page 26,

Table 2 and Appendix A, page 5. Please provide the definition and equation for

3 UFOP, and provide a spreadsheet with the underlying data used by Hydro to

calculate UFOP for Hardwoods and Stephenville for the past five years.

5

4

6

7 A. The following outlines the definition and equations used to calculate the Utilization

8 Forced Outage Probability (UFOP) values in Hydro's Energy Supply Risk Assessment.

9 UFOP is defined as the probability that a generating unit will not be available when

required. The equation used to calculate UFOP is:

11

12

13

14 The following equations are used for calculating UFOP.

15

$$UFOP = \frac{f(FO + FEMO + FEPO)}{f(FO + FEMO + FEPO) + O + O(SD) + O(FD)}$$

UFOP Calculation Equation

16

17 Where f = Demand Factor

$$f = \left(\frac{1}{r} + \frac{1}{T}\right) / \left(\frac{1}{D} + \frac{1}{r} + \frac{1}{T}\right)$$

18

19 Where r = Average Forced Outage Time

20

$$r = \frac{FO + FEMO + FEPO}{No. of Forced Outages}$$

Page 2 of 3

1 D = Average In-Service Time per Occasion of Demand

$$D = \frac{O + O(FD) + O(SD)}{SR * Total Attempted Starts}$$

4 SR = the Starting Reliability. It gives the ratio of successful starts to start attempts.

$$SR = \frac{Total\ Attempted\ Start - Total\ Start\ Failures}{Total\ Attempted\ Starts}$$

Total Attempted Starts – Total start failures plus the number of transitions to operating from a non operating state plus the number of transitions into a synchronous condenser mode from a non operating state.

T = Average Reserve Shutdown Time between Periods of Need

$$T = \frac{ABNO + ABNO(FD) + ABNO(SD)}{Total\ Attempted\ Starts}$$

14 Other defintions:

O means the Generating Unit is synchronized with the system and is capable of
 operating at MCR under normal operating procedures.

O (FD) means the Generating Unit is synchronized with the system but not capable of carrying its MCR due to a Forced Derating being in effect.

22 O (SD) means the Generating Unit is synchronized with the system but not capable of carrying its MCR due to a Scheduled Derating being in effect.

2 6.0). Should another reason cause an extended Forced Outage, it should be reported as a separate Forced Outage with a start time equal to the finish time of 3 4 the prior Forced Outage. 5 FEMO means the Generating Unit has an outage resulting from a condition 6 7 discovered during a Maintenance Outage which has forced the extension of the 8 Maintenance Outage. 9 10 FEPO means the Generating Unit has an outage resulting from a condition discovered during a Planned Outage which has forced the extension of the Planned 11 12 Outage 13 14 Please refer to PUB-NLH-636, Attachments 1 to 6 - Underlying Data, for the 15 spreadsheets used to calculate the UFOP for each year from 2011 to 2015 and the 2011 to 2015 average for Hardwoods and Stephenville. 16

FO means the Generating Unit is on a Forced Outage (see Clause 3.1 and Section

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17

18

19

1

UFOP

year from 2011 to 2015 and the 2011 to 2015 averages.

| Year | HWD/SVL | SVL | HWD |
|-------------|---------|--------|-------|
| 2011 | 10.27 | 15.20 | 6.30 |
| 2012 | 56.58 | 100.00 | 16.65 |
| 2013 | 34.03 | 50.00 | 14.42 |
| 2014 | 16.73 | 13.73 | 19.42 |
| 2015 | 12.72 | 15.59 | 5.63 |
| NLH Average | | | |
| (2011-2015) | 28.08 | 39.52 | 16.54 |

The following table summarizes the UFOP for Hardwoods and Stephenville for each

PUB-NLH-636, Attachment 1 Page 1 of 6, Isl Int System Power Outages (Phase Two)

| | | | | | | | | | | Prev Stat | |
|------|--------------------------|-----------------|--|--|----------------|----------|----------------|----------------|----------------|------------------|-----------------------------------|
| Unit | Start Date | Finish_Date | State Code | Outage Code | SynchCondense | State | Operating? | Synch Cond | Prev Stat | Already S.C.? | Trans to SC? Starting Failure? |
| HWDT | 12:01 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | . Operating. | 0.0 | 0 |
| HWDT | 12:16 | 12:25 | 21 (2)-FO-2 : Forced Outage - Immediately Deferrable | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | |
| HWDT | 12:26 2011/01/05 7:04 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 15 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 0 Number of starting failures 1 |
| HWDT | 20:45 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | |
| HWDT | 20:47 | | 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | |
| HWDT | 2011/01/10 9:34 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 14:42 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 12 15 | TRUE FALSE | FALSE | FALSE | FALSE FALSE | |
| HWDT | 20:45 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 20:26 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | |
| HWDT | 2011/01/27 8:17 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE FALSE | 15 15 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 0 |
| HWDT | 2011/01/31 7:35 | | 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 10:02 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 10:40 | 2011/02/01 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine (49950) Fuel Management Controls and | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |
| HWDT | 11:43 | | 21 (4)-FO-4 : Forced Outage - Starting Failure | Instrumentation | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 1 |
| HWDT | 14:02 | 10.00 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 14:44 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |
| HWDT | 13:12 13:20 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 0 |
| HWDT | 16:39 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 17:20 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |
| HWDT | 2011/02/22 7:49 | 2011/02/22 | OF DO - Diseased Outres | (64210) Supervisory Control & Data | FALSE | 0.5 | 541.05 | 544.05 | E41.0E | E41.0E | 0 0 |
| HWDT | 16:05 | 10:05 | 25-PO : Planned Outage 12-O (FD) : Operating under Forced Derated | Acquisition (SCADA) (49100) Combustion Turbine | FALSE | 25 12 | FALSE TRUE | FALSE FALSE | FALSE FALSE | FALSE FALSE | 0 0 |
| HWDT | 16:21 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | |
| HWDT | 2011/02/23 7:33 | 16:34 | 24-MO : Maintenance Outage | (49900) Controls and Instrumentation | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 16:34 16:38 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE | FALSE FALSE | 0 0 |
| HWDT | 2011/02/25 9:08 | 13:16 | 15-ABNO (FD): Available but not operating - Forced Derated 25-PO: Planned Outage | (49900) Controls and Instrumentation | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | |
| HWDT | 13:16 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | |
| HWDT | | 2011/03/01 9:03 | 25-PO : Planned Outage | (49900) Controls and Instrumentation | FALSE FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 2011/03/01 9:03 | 12:56 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE | 15 12 | FALSE TRUE | FALSE FALSE | FALSE FALSE | FALSE FALSE | 0 0 0 |
| HWDT | 12:56 | 12.00 | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |
| HWDT | 2011/03/07 9:23 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 15:39 2011/03/08 8:23 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE | 15 15 | FALSE FALSE | TRUE TRUE | FALSE FALSE | FALSE FALSE | |
| HWDT | 15:43 | | 15-ABNO (FD): Available but not operating - Forced Defated 15-ABNO (FD): Available but not operating - Forced Defated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 2011/03/23 7:54 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | |
| HWDT | 2011/03/23 9:49 | 13:17 | 25-PO : Planned Outage | (99999) Other | FALSE | 25 15 | FALSE FALSE | FALSE TRUE | FALSE FALSE | FALSE FALSE | 0 0 |
| HWDT | 2011/04/14 8:55 | | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 15 12 | TRUE | FALSE | FALSE | FALSE | 1 0 0 0 |
| HWDT | 2011/04/14 9:39 | | 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |
| HWDT | 11:30 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | |
| HWDT | 12:05 16:24 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE | 15 15 | FALSE FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 0 |
| HWDT | 10:40 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | |
| HWDT | 20:51 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 10:25 19:04 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE FALSE | 15 15 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 0 0 0 |
| HWDT | 2011/04/27 8:34 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | |
| HWDT | 19:50 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 2011/05/09 9:13 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE FALSE | 15 15 | FALSE FALSE | TRUE FALSE | FALSE | FALSE FALSE | 1 0 |
| HWDT | 23:05 17:38 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 15 | FALSE FALSE | TRUE | FALSE FALSE | FALSE | 1 0 |
| HWDT | 20:12 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | |
| HWDT | 2011/05/24 9:19 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 19:47 2011/05/25 7:12 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE TRUE | 15 15 | FALSE FALSE | FALSE TRUE | FALSE FALSE | FALSE FALSE | |
| HWDT | 12:19 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 10:17 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | |
| HWDT | 10:55 11:42 | | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE FALSE | 15 12 | FALSE TRUE | FALSE FALSE | TRUE FALSE | FALSE FALSE | 0 0 0 |
| HWDT | 12:18 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 0 |
| HWDT | 13:27 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 13:35 13:44 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 13:44 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | |
| HWDT | 13:58 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 14:00 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |
| HWDT | 14:04 12:02 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE TRUE | 15 15 | FALSE FALSE | FALSE | FALSE FALSE | FALSE FALSE | 0 0 |
| HWDT | 20:36 | | 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 10:13 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 11:25 22:14 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE FALSE | 12 15 | TRUE | FALSE FALSE | FALSE TRUE | FALSE FALSE | 0 0 |
| HWDT | 13:53 | | 12-O (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 15 12 | FALSE TRUE | FALSE | FALSE | FALSE | |
| HWDT | 14:04 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |
| HWDT | 14:17 14:25 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE TRUE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 14:25 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 15 | FALSE FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 0 |
| HWDT | 2011/06/22 1:27 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | | 2011/06/22 2:59 | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 2011/06/22 2:59 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Compustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 |

| LULIDA | 0044/00/00 0 05 | | 145 ABNO (5B) A 311 A 4 5 15 15 | //0/00 | | E41.0E | | | | | | | |
|--------------|--------------------------|--------|--|--------|---|----------------|----------|----------------|----------------|---------------|----------------|---|---|
| HWDT | 2011/06/22 6:35 | | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | | | FALSE FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:23 | | 15-ABNO (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine) Combustion Turbine | FALSE | 12 | TRUE | FALSE FALSE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 2011/08/22 5:58 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 15 | FALSE FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 22:59 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:36 | | 12-O (FD): Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:41 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:18 | | 12-O (FD) : Operating under Forced Denated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:55 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:01 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:33 | | 12-O (FD): Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:09 | | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | ō | ō |
| HWDT | 2011/09/27 8:03 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100 |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 19:23 | | 12-O (FD) : Operating under Forced Derated | (49100 |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 21:02 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 22:28 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100 |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/09/29 7:35 | | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 22:43 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/10/05 7:38 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 17:12 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 10:07 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 10:08 | 10:17 | 21 (1)-FO-1 : Forced Outage - Sudden | |) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| | 10:17 | | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 10:20 10:31 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine) Combustion Turbine | TRUE FALSE | 15 12 | FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 12:10 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | TRUE FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:01 | | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 19:15 | | 15-ABNO (FD): Available but not operating - Forced Denated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 10:58 | | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:59 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 22:33 | | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/10/21 9:11 | | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | ō |
| HWDT | 18:41 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100 |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/10/22 7:53 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100 |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 16:28 | | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/10/25 8:19 | | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/10/25 9:38 | | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:41 | | 12-O (FD): Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:17 | | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:15 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 19:06 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT HWDT | 2011/10/27 7:35 18:00 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 22:35 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine) Combustion Turbine | FALSE | 12 15 | TRUE FALSE | FALSE FALSE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 2011/10/28 7:50 | | 15-ABNO (FD): Available but not operating - Forced Derated | | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 21:50 | | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/10/29 9:14 | | 15-ABNO (FD): Available but not operating - Forced Derated | | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 20:54 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/10/30 8:53 | | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 21:48 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | ò | Ö |
| HWDT | 2011/10/31 7:13 | | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 22:01 | | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/11/03 0:30 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/11/03 7:18 | | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2011/11/07 7:30 | 17:08 | 3 24-MO : Maintenance Outage | |) Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:08 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2011/11/14 7:30 | | 25-PO : Planned Outage | |) Combustion Turbine | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:10 | 13:48 | 3 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:43 14:49 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | | | | | | | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:49 16:24 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine) Combustion Turbine | FALSE TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 13:49 | | 12-O (FD) : Available but not operating - Forced Derated | | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 14:01 | 14:17 | 21 (1)-FO-1 : Forced Outage - Sudden | |) Combustion Turbine | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:17 | 1-4.17 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:32 | | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 22:28 | | 15-ABNO (FD): Available but not operating - Forced Derated | | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 22:42 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |

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| | | | | | | | | | Prev Stat | | | |
|------|--------------------------|--|--|----------------|----------|----------------|----------------|----------------------------|------------------|-------------------------------|---------------------------|--|
| Unit | Start_Date | Finish_Date State Code | Outage Code | SynchCondense | State | Operating? | Synch Cond | Prev Stat d' Operating? | Already S.C.? | Trans to SC? Starting Failure | 9? | |
| SVLT | 17:45 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | | | 0 | | |
| SVLT | 10:42 | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | | Number of transitions to | |
| SVLT | 11:11 17:46 | 12-O (FD) : Operating under Forced Derated 23:59 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine (49820) Generator Stator | FALSE FALSE | 12 21 | TRUE FALSE | FALSE FALSE | FALSE TRUE | FALSE FALSE | 0 0 1 | Number of starting failur | res 0 |
| SVLT | 2011/01/20 9:51 | 11:12 21 (1)-FO-1 : Forced Outage - Sudden | (49253) Intercoolers | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 11:13 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | | Starting Failure Code | 21 (4)-FO-4 : Forced Outage - Starting Failure |
| SVLT | 11:30 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 | | (-, |
| SVLT | 15:02 | 15:16 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 15:16 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| SVLT | 14:40 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 14:41 2011/02/15 7:05 | 15-ABNO (FD): Available but not operating - Forced Derated 14:49 24-MO: Maintenance Outage | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 24 | FALSE FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 0 | | |
| SVLT | 14:49 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 24 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 2011/02/17 8:12 | 15:15 25-PO : Planned Outage | (99999) Other | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 15:15 | 14-ABNO : Available but not operating | (4444) | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| SVLT | 13:49 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 14:38 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 | | |
| | 2011/03/07 | 2011/03/07 | (49311) Internal Cooling and Seal Air System and Seals | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 16:23 17:46 | 17:46 21 (1)-FO-1 : Forced Outage - Sudden 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 21 15 | FALSE | TRUE | FALSE | FALSE | 0 0 | | |
| SVLT | 19:00 | 20:07 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 20:07 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| SVLT | 2011/03/15 9:18 | 14:14 24-MO : Maintenance Outage | (49800) Generator | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 14:14 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| | | 2011/03/16 | (49980) Auxiliaries Controls and | | | | | | | | | |
| SVLT | 2011/03/16 8:23 | 16:21 24-MO : Maintenance Outage | Instrumentation | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 16:21 2011/03/18 9:48 | 15-ABNO (FD): Available but not operating - Forced Derated 14:39 25-PO: Planned Outage | (49100) Combustion Turbine (99999) Other | TRUE FALSE | 15 25 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 0 | | |
| SVLT | 2011/03/18 9:48 | 14:39 25-PO : Planned Outage 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 25 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 2011/03/23 7:05 | 11:20 24-MO : Maintenance Outage | (49280) Battery and Charger System | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 11:27 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| SVLT | 2011/03/24 6:50 | 15:28 24-MO : Maintenance Outage | (49280) Battery and Charger System | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 15:28 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| SVLT | 11:49 | 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 12:41 14:19 | 12-O (FD) : Operating under Forced Derated 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE TRUE | 12 15 | TRUE FALSE | FALSE | FALSE TRUE | FALSE FALSE | 0 0 | | |
| SVLT | 14:53 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 15:00 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 | | |
| SVLT | 2011/04/20 8:45 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 13:11 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 14:07 14:34 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 0 | | |
| SVLT | 15:09 | 12-O (FD) : Operating under Forced Derated 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 0 | | |
| SVLT | 10:08 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 11:02 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 | | |
| SVLT | 13:19 | 16:57 25-PO : Planned Outage | (49321) External Cooling Air System | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 16:57 | 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| SVLT | 2011/06/14 9:27 | 12-O (FD) : Operating under Forced Derated 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 0 | | |
| SVLT | 2011/06/16 8:59 | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 12:58 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| SVLT | 10:01 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 13:00 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| SVLT | 13:14 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 14:11 | 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE FALSE | 15 15 | FALSE FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 0 | | |
| SVLT | 14:20 | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 15 | FALSE | TRUE | FALSE | FALSE FALSE | 1 0 | | |
| SVLT | 2011/07/27 7:47 | 16:41 25-PO : Planned Outage | (49293) Exhaust Stack and Silencer | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 16:41 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| SVLT | 2011/07/29 9:27 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 10:13 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 | | |
| SVLT | 2011/08/15 9:29 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE TRUE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 16:29 14:21 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE | 15 12 | FALSE TRUE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 0 | | |
| SVLT | 15:09 | 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE | 12 15 | FALSE | FALSE | TRUE | FALSE FALSE | 0 0 | | |
| SVLT | 2011/08/26 8:02 | 11:03 24-MO : Maintenance Outage | (49325) Building Fire Protection | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 11:03 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| SVLT | 2011/09/09 7:45 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 10:51 | 15:18 25-PO : Planned Outage | (49321) External Cooling Air System | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 15:18 | 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE FALSE | 15 15 | FALSE | TRUE | FALSE | FALSE FALSE | 1 0 | | |
| SVLT | 2011/09/14 5:56 | 15-ABNO (FD): Available but not operating - Forced Derated 18:48 25-PO: Planned Outage | (5200) Transmission Limitations | FALSE | 15 25 | FALSE FALSE | FALSE FALSE | FALSE FALSE | FALSE FALSE | 0 0 | | |
| SVLT | 18:48 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 25 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 19:14 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| SVLT | 2011/09/15 5:37 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 2011/09/15 6:27 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| SVLT | 2011/09/15 7:10 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 10:06 18:55 | 18:55 25-PO : Planned Outage 15-ABNO (FD) : Available but not operating - Forced Derated | (5200) Transmission Limitations | FALSE FALSE | 25 15 | FALSE FALSE | FALSE FALSE | FALSE FALSE | FALSE FALSE | 0 0 | | |
| SVLT | 19:07 | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | TRUF | 15 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| SVLT | 2011/09/19 7:32 | 19:39 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 19:39 | 25-PO : Planned Outage | (49100) Combustion Turbine | TRUE | 25 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| SVLT | 2011/09/20 7:04 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 2011/09/20 9:55 | 16:21 25-PO : Planned Outage | (49890) Electrical Distribution System | FALSE TRUE | 25 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| SVLT | 16:21 2011/09/22 8:22 | 15-ABNO (FD): Available but not operating - Forced Derated 14:38 25-PO: Planned Outage | (49100) Combustion Turbine (49325) Building Fire Protection | TRUE FALSE | 15 25 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 0 | | |
| SVLT | 14:38 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 25 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| | 50 | , | , | | | | | | | . 0 | | |

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| | 2011/10/04 | 2011/10/04 | | (49980) Auxiliaries Controls and | | | | | | | | |
|------|-----------------|------------|---|--|-------|----|-------|-------|-------|-------|---|---|
| SVLT | 10:25 | 10:53 | 21 (1)-FO-1 : Forced Outage - Sudden | Instrumentation | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:53 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:33 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 14:17 | 15:04 | 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:04 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 13:22 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:50 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:37 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 11:13 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:59 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 13:17 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:04 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 17:43 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:06 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2011/12/20 7:26 | 17:45 | 21 (1)-FO-1 : Forced Outage - Sudden | (49890) Electrical Distribution System | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:45 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 14:49 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:41 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 17:46 | 23:59 | 21 (1)-FO-1 : Forced Outage - Sudden | (49820) Generator Stator | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |

2011 Gas Turbine UFOP Calulations - External Causes Included

Hardwoods GT - 2011 Statistics

| State | Y-T-D | | <u>Calculations</u> |
|-------------|----------------|-------------|-------------------------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | |
| 11 | 0 | | State 11+12+13 38.38 |
| 12 | 38.38 | 4.76 | State 14+15+16 8076.52 |
| 13 | 0 | 0 | State 21+22+23 28.22 |
| 14 | 0 | | Number of FO 5 |
| 15 | 8076.52 | 17.99 | |
| 16 | 0 | 0 | Number of Starts 32 |
| 21 | 28.22 | | No. of Start Fail. |
| 22 | 0 | | No. trans. to SC 39 |
| 23 | 0 | | Attempted Starts 72 |
| 24 | 18.65 | | |
| 25 | 598.23 | | r 5.644 |
| 30 | 0 | | D 0.5405634 |
| | | | T 112.16638 |
| TOTAL | 8760.0 | 22.8 | |
| | | | Demand Factor 0.0914013 |
| Number of | Forced Outages | 5 | UFOP 6.30% |
| Number of | Unit Starts | 32 | |

2011 Gas Turbine UFOP Calulations - External Causes Included

Stephenville GT - 2011 Statistics

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|----------------|-------------|---------------------|-----------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | | |
| 11 | 0.00 | | State 11+12+13 | 7.42 |
| 12 | 13.03 | 7.42 | State 14+15+16 | 4876.66 |
| 13 | 0.00 | 0 | State 21+22+23 | 189.12 |
| 14 | 94.57 | | Number of FO | 7 |
| 15 | 8329.93 | 4782.09 | | |
| 16 | 0.00 | 0 | Number of Starts | 20 |
| 21 | 189.12 | | No. of Start Fail. | 0 |
| 22 | 0.00 | | No. trans. to SC | 24 |
| 23 | 0.00 | | Attempted Starts | 44 |
| 24 | 37.43 | | | |
| 25 | 95.92 | | r | 27.017143 |
| 30 | 0.00 | | D | 0.1686364 |
| | | | Т | 110.83318 |
| TOTAL | 8760.00 | 4789.51 | | |
| | | | Demand Factor | 0.0077036 |
| Number of | Forced Outages | 7 | UFOP | 16.41% |
| Number of | Unit Starts | 20 | | |

NLH HWD/SVL Units - External Causes Included

| State 11+12+13 | 45.80 |
|--------------------|------------|
| State 14+15+16 | 12,953.18 |
| State 21+22+23 | 217.34 |
| Number of FO | 12.00 |
| Number of Starts | 52 |
| No. of Start Fail. | 1 |
| No. trans. to SC | 63 |
| Attempted Starts | 116 |
| r | 18.1116667 |
| D | 0.39826087 |
| T | 111.661912 |
| Demand Factor | 0.02491903 |
| UFOP | 10.57% |

Hardwoods GT - 2011 Statistics

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|----------------|-------------|---------------------|-----------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | | |
| 11 | 0 | | State 11+12+13 | 38.38 |
| 12 | 38.38 | 4.76 | State 14+15+16 | 8076.52 |
| 13 | 0 | 0 | State 21+22+23 | 28.22 |
| 14 | 0 | | Number of FO | 5 |
| 15 | 8076.52 | 17.99 | | |
| 16 | 0 | 0 | Number of Starts | 32 |
| 21 | 28.22 | | No. of Start Fail. | 1 |
| 22 | 0 | | No. trans. to SC | 39 |
| 23 | 0 | | Attempted Starts | 72 |
| 24 | 18.65 | | | |
| 25 | 598.23 | | r | 5.644 |
| 30 | 0 | | D | 0.5405634 |
| | | | Т | 112.16638 |
| TOTAL | 8760.00 | 22.75 | | |
| | | | Demand Factor | 0.0914013 |
| Number of | Forced Outages | 5 | UFOP | 6.30% |
| Number of | Unit Starts | 32 | | |

2011 Gas Turbine UFOP Calulations - External Causes Excluded

Stephenville GT - 2011 Statistics

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|----------------|-------------|---------------------|-----------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | | |
| 11 | 0.00 | | State 11+12+13 | 13.03 |
| 12 | 13.03 | 7.42 | State 14+15+16 | 8424.50 |
| 13 | 0.00 | 0 | State 21+22+23 | 189.12 |
| 14 | 94.57 | | Number of FO | 7 |
| 15 | 8329.93 | 4782.09 | | |
| 16 | 0.00 | 0 | Number of Starts | 20 |
| 21 | 189.12 | | No. of Start Fail. | 0 |
| 22 | 0.00 | | No. trans. to SC | 24 |
| 23 | 0.00 | | Attempted Starts | 44 |
| 24 | 37.43 | | | |
| 25 | 65.40 | | r | 27.017143 |
| 30 | 0.00 | | D | 0.2961364 |
| | | | Т | 191.46591 |
| TOTAL | 8729.48 | 4789.51 | | |
| | | | Demand Factor | 0.0123532 |
| Number of | Forced Outages | 7 | UFOP | 15.20% |
| Number of | Unit Starts | 20 | | |

| NLH HWD/SVL Units - External Causes Excluded | | | | | | | | |
|--|-----------|--|--|--|--|--|--|--|
| | | | | | | | | |
| State 11+12+13 | 51.41 | | | | | | | |
| State 14+15+16 | 16,501.02 | | | | | | | |
| State 21+22+23 | 217.34 | | | | | | | |
| Number of FO | 12.00 | | | | | | | |
| | | | | | | | | |
| Number of Starts | 52 | | | | | | | |
| No. of Start Fail. | 1 | | | | | | | |
| No. trans. to SC | 63 | | | | | | | |
| Attempted Starts | 116 | | | | | | | |
| | | | | | | | | |
| r | 18.111667 | | | | | | | |
| D | 0.4470435 | | | | | | | |
| Т | 142.24632 | | | | | | | |
| | | | | | | | | |
| Demand Factor | 0.0270721 | | | | | | | |

10.27%

UFOP

PUB-NLH-636, Attachment 2 Page 1 of 6, Isl Int System Power Outages (Phase Two)

| | | | | | | | | | Prev Stat | |
|------|--------------------------|--|--|----------------|----------|----------------|----------------|-------------------------|------------------|--|
| Unit | Start_Date | Finish_Date State Code | Outage Code | SynchCondense | State | Operating? | Synch Cond | Prev Stat Operating? | Already S.C.? | Trans to SC? Starting Failure? |
| HWDT | 17:14 | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | | | 0 |
| HWDT | 2012/01/11 8:42 | | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 12 | FALSE TRUE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 0 Number of transitions to S.C. 100 0 Number of starting failures 2 |
| HWDT | 11:48 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 0 |
| HWDT | 14:26 14:57 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE TRUE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 13:23 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE | 15 12 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 0 Starting Failure Code 21 (4)-FO-4 : Forced Outage - Starting Failure 0 0 |
| HWDT | 13:30 | 13:39 21 (1)-FO-1 : Forced Outage - Sudden | (49210) Compressor | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 0 |
| HWDT | 13:39 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 18:34 2012/01/16 6:03 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE TRUE | 15 12 | FALSE TRUE | FALSE TRUE | TRUE FALSE | FALSE FALSE | 0 0 1 0 |
| HWDT | 2012/01/16 9:36 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 0 |
| HWDT | 11:09 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 11:57 12:45 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE FALSE | 15 12 | FALSE TRUE | FALSE FALSE | TRUE FALSE | FALSE FALSE | 0 0 |
| HWDT | 13:30 | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 0 |
| HWDT | 10:21 | 14:36 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 14:36 21:12 | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE FALSE | 15 15 | FALSE FALSE | FALSE FALSE | FALSE FALSE | FALSE FALSE | 0 0 0 0 |
| HWDT | 2012/02/11 8:46 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 18:45 | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 22:07 13:12 | 15-ABNO (FD): Available but not operating - Forced Derated 20:53 21 (4)-FO-4: Forced Outage - Starting Failure | (49100) Combustion Turbine (49800) Generator | FALSE FALSE | 15 21 | FALSE FALSE | FALSE FALSE | TRUE FALSE | FALSE FALSE | 0 0 |
| HWDT | 20:53 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Generator (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 11:24 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 12:34 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 0 |
| HWDT | 10:54 10:56 | 15-ABNO (FD): Available but not operating - Forced Derated 13:32 21 (4)-FO-4: Forced Outage - Starting Failure | (49100) Combustion Turbine (49812) Generator Lubrication System | FALSE FALSE | 15 21 | FALSE FALSE | FALSE FALSE | FALSE FALSE | FALSE FALSE | 0 0 0 1 |
| HWDT | 13:32 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 14:30 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 0 |
| HWDT | 18:13 18:23 | | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE FALSE | 12 15 | TRUE FALSE | FALSE FALSE | FALSE | FALSE FALSE | 0 0 |
| HWDT | 2012/03/15 7:05 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 2012/03/15 8:15 | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 |
| HWDT | 11:03 2012/03/16 8:44 | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE FALSE | 15 15 | FALSE FALSE | FALSE FALSE | TRUE FALSE | FALSE FALSE | 0 0 |
| HWDT | 14:58 | 12-O (FD) : Available but not operating - Porced Derated | (49100) Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 15:36 | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 0 |
| HWDT | 2012/04/19 9:47 | | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | TRUE FALSE | TRUE | FALSE | FALSE FALSE | 1 0 |
| HWDT | 15:46 | 12-O (FD) : Available but not operating - Porced Derated | (49100) Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 16:17 | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |
| HWDT | 18:56 19:02 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | TRUE FALSE | TRUE TRUE | FALSE TRUE | FALSE FALSE | 1 0 0 |
| HWDT | 15:46 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 16:04 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |
| HWDT | 14:23 14:53 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | TRUE FALSE | TRUE TRUE | FALSE TRUE | FALSE FALSE | 1 0 0 |
| HWDT | 17:07 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 17:41 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |
| HWDT | 2012/04/27 4:34 17:18 | 17:18 21 (1)-FO-1 : Forced Outage - Sudden 15-ABNO (FD) : Available but not operating - Forced Derated | (49800) Generator (49100) Combustion Turbine | TRUE TRUE | 21 15 | FALSE FALSE | TRUE TRUE | FALSE FALSE | FALSE FALSE | 1 0 1 0 |
| HWDT | 2012/05/02 8:46 | | (49100) Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 13:11 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |
| HWDT | 16:37 21:42 | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | TRUE FALSE | TRUE TRUE | FALSE TRUE | FALSE FALSE | 1 0 0 |
| HWDT | 2012/05/03 7:52 | | (49100) Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 11:45 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |
| HWDT | 14:34 15:14 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 15:14 | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE | 15 15 | FALSE FALSE | TRUE TRUE | TRUE FALSE | FALSE FALSE | 0 0 1 0 |
| HWDT | 16:36 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 2012/05/16 9:09 19:00 | | (49100) Combustion Turbine | TRUE | 25 15 | FALSE FALSE | TRUE TRUE | FALSE FALSE | FALSE FALSE | 1 0 |
| HWDT | 2012/05/17 1:36 | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE | 15 15 | FALSE | TRUE | FALSE | FALSE | 1 0 1 0 |
| HWDT | 2012/05/17 2:25 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 12:28 17:30 | | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 25 15 | FALSE FALSE | TRUE | FALSE FALSE | FALSE FALSE | 1 0 |
| HWDT | 2012/05/19 8:34 | | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 15 25 | FALSE | TRUE | FALSE | FALSE | 1 0 1 0 |
| HWDT | 15:37 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 17:22 12:00 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE TRUE | 15 | FALSE | TRUE | TRUE | FALSE FALSE | 0 0 |
| HWDT | 12:00 | | | TRUE | 12 15 | TRUE FALSE | TRUE | FALSE TRUE | FALSE | 1 0 0 0 |
| HWDT | 14:18 | 17:12 25-PO : Planned Outage | (49100) Combustion Turbine | TRUE | 25 | FALSE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 17:12 12:00 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE TRUE | 15 | FALSE | TRUE | FALSE | FALSE FALSE | 1 0 |
| HWDT | 12:00 | | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | TRUE FALSE | TRUE TRUE | FALSE TRUE | FALSE | 1 0 0 |
| HWDT | 14:42 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 15:15 | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |
| HWDT | 18:22 18:47 | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | TRUE FALSE | TRUE TRUE | FALSE TRUE | FALSE FALSE | 1 0 0 |
| HWDT | 19:17 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 19:38 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |
| HWDT | 19:55 20:42 | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE TRUE | 12 15 | TRUE FALSE | TRUE TRUE | FALSE TRUE | FALSE FALSE | 1 0 0 0 |
| HWDT | 16:47 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | TRUE | 15 12 | TRUE | TRUE | FALSE | FALSE | 1 0 |
| HWDT | 17:17 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 |

| HWDT | 16:24 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
|------|-----------------|---------------|---|--------|---------------------------|--------------|----------|---------------|--------------|---------------|----------------|-----|---|
| HWDT | 16:44 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100 | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:57 | | 12-O (FD) : Operating under Forced Derated | (49100 | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 17:14 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:07 | | 12-O (FD) : Operating under Forced Derated | (49100 | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 18:22 | | | (49100 | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 19:39 | | 12-O (FD) : Operating under Forced Derated | (49100 | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 20:18 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100 | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:19 | | 12-O (FD) : Operating under Forced Derated | (49100 | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 12:24 | | | (49100 | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:27 | | | (49100 | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 17:30 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | ō |
| HWDT | 18:05 | | | (49100 | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:14 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2012/01/11 8:42 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 11:22 | | 12-O (FD) : Operating under Forced Derated | (49100 | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | ō |
| HWDT | 11:48 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100 | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:26 | | 12-O (FD) : Operating under Forced Derated | (49100 | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 14:57 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100 | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:23 | | 12-O (FD) : Operating under Forced Derated | (49100 | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 13:30 | | | (49210 | Compressor | TRUE | 21 | FALSE | TRUE | TRUE | FALSE | o o | ō |
| HWDT | 13:39 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 18:34 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100 | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:36 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100 | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 13:55 | 14:39 | | | Generator | TRUE | 21 | FALSE | TRUE | FALSE | FALSE | 1 | ō |
| HWDT | 14:39 | | 12-O (FD) : Operating under Forced Derated | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 15:05 | | | (49100 | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 19:11 | | 12-O (FD) : Operating under Forced Derated | (49100 | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | ō |
| HWDT | 20:49 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | ò | 0 |
| HWDT | | 12/06/05 3:18 | 21 (1)-FO-1 : Forced Outage - Sudden | | uel Supply System to Unit | TRUE | 21 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2012/06/05 3:18 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | i | 0 |
| HWDT | 2012/06/05 3:32 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | o o | 0 |
| HWDT | 2012/06/05 3:37 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2012/06/05 4:07 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2012/06/05 4:10 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2012/06/05 7:11 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 14:24 | 16:47 | | (49243 | | TRUE | 25 | FALSE | TRUE | TRUE | FALSE | Ö | Ö |
| HWDT | 16:47 | | 12-O (FD) : Operating under Forced Derated | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 18:54 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 19:06 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 23:01 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | Ö | 0 |
| HWDT | 16:07 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 21:24 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2012/06/29 9:00 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2012/06/29 9:36 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2012/06/29 9:47 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 10:04 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:01 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 11:43 | | | | Generator Bearings | TRUE | 21 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:50 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 20:28 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:24 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 14:08 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 21:48 | | | | Building Fire Protection | TRUE | 21 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 17:54 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 12:09 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 4 | 0 |
| HWDT | 12:41 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 4 | 0 |
| HWDT | 21:45 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 4 | 0 |
| HWDT | 13:31 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 4 | 0 |
| HWDT | 14:56 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2012/08/30 9:43 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2012/06/30 9.43 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 10:29 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 11:07 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 11:49 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 12:41 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2012/09/11 9:45 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 18:46 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2012/09/17 8:54 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 18:18 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 10:04 | | | | uel Supply System to Unit | TRUE | 21 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 12:58 | | | (49100 | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 13:57 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100 | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:29 | | | | Combustion Turbine | TRUE | 12 | TRUF | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 16:47 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 23:39 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 16:56 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 17:08 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:17 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 19:10 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:11 | | 12-O (FD): Operating under Forced Derated | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 20:31 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 20:31 | | | | Combustion Turbine | TRUE | 15 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2012/10/31 8:46 | | | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2012/10/31 9:48 | | | | Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 10:03 | | | | Combustion Turbine | TRUE | 12 15 | FALSE | TRUE | TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 17:14 | | | | Combustion Turbine | TRUE | 15 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 17:14 | | | | compustion Turbine | TRUE | 12 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | | | | 142100 | | IKUE | 10 | | INUE | INUE | | | U |
| | 15:01 | | | (40100 | ombuetion Turbing | TRUE | 10 | TRUE | TRUE | EALCE | | 4 | |
| HWDT | 15:01 15:17 | | 12-O (FD) : Operating under Forced Derated 15-ABNO (FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE TRUE | 12 15 | TRUE FALSE | TRUE TRUE | FALSE TRUE | FALSE FALSE | 1 0 | 0 |

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| HWDT | 12:27 | 13:35 | 21 (1)-FO | I-1 : Forced Outage - Sudden | (49800) Generator | TRUE | 21 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
|------|-----------------|-------|-----------|---|----------------------------|------|----|-------|------|-------|-------|---|---|
| HWDT | 13:35 | | 12-O (FD) |): Operating under Forced Derated | (49100) Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 15:06 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:54 | 17:22 | | | (49800) Generator | TRUE | 21 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 17:22 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2012/11/27 6:18 | | 15-ABNO | (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 17:54 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 21:49 | | | (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 23:18 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 14:35 | | 12-O (FD) |): Operating under Forced Derated | (49100) Combustion Turbine | TRUE | 12 | TRUE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 15:49 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:00 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |

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| | | | | | | | | | | Prev Stat | | |
|------|-----------------|-------------|--------------------------------------|--------------------------|---------------|-------|-------|------------|------------|-----------|---------------------|--|
| | | | | | | | | | Prev Stat | | | |
| Unit | | Finish_Date | State Code | Outage Code | SynchCondense | State | | Synch Cond | Operating? | S.C.? | Trans to SC? Starti | ing Failure? |
| SVLT | 2012/01/01 0:01 | 23:59 | 21 (1)-FO-1 : Forced Outage - Sudden | (49820) Generator Stator | FALSE | 21 | FALSE | FALSE | | | | 0 |
| | | | | | | | | | FALSE | FALSE | 0 | 0 Number of transitions to S.C. 0 |
| | | | | | | | | | | | 0 | 0 Number of starting failures 0 |
| | | | | | | | | | | | 0 | 0 |
| | | | | | | | | | | | 0 | 0 |
| | | | | | | | | | | | 0 | 0 Starting Failure Code 21 (4)-FO-4 : Forced Outage - Starting Failure |

2012 Gas Turbine UFOP Calulations - External Causes Included

Hardwoods GT - 2012 Statistics

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|----------------|-------------|---------------------|-----------|
| <u>Code</u> | <u> Hours</u> | Adj . Hours | | |
| 11 | 0 | | State 11+12+13 | 19.22 |
| 12 | 103.3 | 19.22 | State 14+15+16 | 1198.13 |
| 13 | 0 | 0 | State 21+22+23 | 473.55 |
| 14 | 0 | | Number of FO | 13 |
| 15 | 8155.93 | 1198.13 | | |
| 16 | 0 | 0 | Number of Starts | 70 |
| 21 | 473.55 | | No. of Start Fail. | 2 |
| 22 | 0 | | No. trans. to SC | 100 |
| 23 | 0 | | Attempted Starts | 172 |
| 24 | 0 | | | |
| 25 | 51.22 | | r | 36.426923 |
| 30 | 0 | | D | 0.1130588 |
| | | | Т | 6.9645575 |
| TOTAL | 8784.0 | 1217.4 | | |
| | | | Demand Factor | 0.0189703 |
| Number of | Forced Outages | 13 | UFOP | 31.85% |
| Number of | Unit Starts | 70 | | |

2012 Gas Turbine UFOP Calulations - External Causes Included

Stephenville GT - 2012 Statistics

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|----------------|-------------|---------------------|---------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | | |
| 11 | 0.00 | | State 11+12+13 | 0 |
| 12 | 0.00 | 0 | State 14+15+16 | 0 |
| 13 | 0.00 | 0 | State 21+22+23 | 8784 |
| 14 | 0.00 | | Number of FO | 1 |
| 15 | 0.00 | 0 | | |
| 16 | 0.00 | 0 | Number of Starts | 0 |
| 21 | 8784.00 | | No. of Start Fail. | 0 |
| 22 | 0.00 | | No. trans. to SC | 0 |
| 23 | 0.00 | | Attempted Starts | 0 |
| 24 | 0.00 | | | |
| 25 | 0.00 | | r | 8784 |
| 30 | 0.00 | | D | #DIV/0! |
| | | | Т | #DIV/0! |
| TOTAL | 8784.00 | 0.00 | | |
| | | | Demand Factor | #DIV/0! |
| Number of | Forced Outages | 1 | UFOP | #DIV/0! |
| Number of | Unit Starts | 0 | | |

NLH HWD/SVL Units - External Causes Included

| State 11+12+13 | 19.22 |
|--------------------|------------|
| State 14+15+16 | 1,198.13 |
| State 21+22+23 | 9,257.55 |
| Number of FO | 14.00 |
| Number of Starts | 70 |
| No. of Start Fail. | 2 |
| No. trans. to SC | 100 |
| Attempted Starts | 172 |
| r | 661.253571 |
| D | 0.11305882 |
| T | 6.96455746 |
| Demand Factor | 0.01613967 |
| UFOP | 88.60% |

Hardwoods GT - 2012 Statistics

| State | Y-T-D | | Calculations | |
|-----------|----------------|------------|--------------------|-----------|
| Code | Hours A | dj . Hours | | |
| 11 | 0 | | State 11+12+13 | 103.3 |
| 12 | 103.3 | 19.22 | State 14+15+16 | 8155.93 |
| 13 | 0 | 0 | State 21+22+23 | 473.55 |
| 14 | 0 | | Number of FO | 13 |
| 15 | 8155.93 | 1198.13 | | |
| 16 | 0 | 0 | Number of Starts | 70 |
| 21 | 473.55 | | No. of Start Fail. | 2 |
| 22 | 0 | | No. trans. to SC | 17 |
| 23 | 0 | | Attempted Starts | 89 |
| 24 | 0 | | | |
| 25 | 51.22 | | r | 36.426923 |
| 30 | 0 | | D | 1.1873563 |
| | | | Т | 91.612981 |
| TOTAL | 8784.00 | 1217.35 | | |
| | | | Demand Factor | 0.0435712 |
| Number of | Forced Outage: | 13 | UFOP | 16.65% |
| Number of | Unit Starts | 70 | | |

2012 Gas Turbine UFOP Calulations - External Causes Excluded

Stephenville GT - 2012 Statistics

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|----------------|-------------|----------------------|-------------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | | |
| 11 | 0.00 | | State 11+12+13 | 0 |
| 12 | 0.00 | 0 | State 14+15+16 | 0 |
| 13 | 0.00 | 0 | State 21+22+23 87 | ' 84 |
| 14 | 0.00 | | Number of FO | 1 |
| 15 | 0.00 | 0 | | |
| 16 | 0.00 | 0 | Number of Starts | 0 |
| 21 | 8784.00 | | No. of Start Fail. | 0 |
| 22 | 0.00 | | No. trans. to SC | 0 |
| 23 | 0.00 | | Attempted Starts | 0 |
| 24 | 0.00 | | | |
| 25 | 0.00 | | r 87 | ' 84 |
| 30 | 0.00 | | D #DIV/0 |)! |
| | | | T #DIV/0 |)! |
| TOTAL | 8784.00 | 0.00 | | |
| | | | Demand Factor #DIV/0 |)! |
| Number of | Forced Outage: | : 1 | UFOP #DIV/0 |)! |
| Number of | Unit Starts | 0 | | |

NLH HWD/SVL Units - External Causes Excluded

| State 11+12+13 | 103.30 |
|--------------------|-----------|
| State 14+15+16 | 8,155.93 |
| State 21+22+23 | 9,257.55 |
| Number of FO | 14.00 |
| Number of Starts | 70 |
| No. of Start Fail. | 2 |
| | _ |
| No. trans. to SC | 17 |
| Attempted Starts | 89 |
| r | 661.25357 |
| D | 1.1873563 |
| _ | |
| Т | 91.612981 |
| | |
| Demand Factor | 0.0145416 |
| UFOP | 56.58% |
| | |

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| 11.5 | | | | | | | | | | | |
|----------------|-----------------|---|--------------------------------------|---------------|----------|------------|------------|------------|------------------|-------------------------|--|
| | Start Date | Finish Date State Code | Outage Code | SynchCondense | State | Operating? | Synch Cond | Prev Stat | Already S.C.? | Trans to SC? Starting F | E-110 |
| Unit SVLT 2 | 2013/01/01 0:01 | 10:00 21 (1)-FO-1 : Forced Outage - Sudden | (49820) Generator Stator | FALSE | 21 | FALSE | FALSE | Operating? | TRUE | rrans to SC? Starting F | railure? |
| SVLT | 10:00 | 16:54 12-0 (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 Number of transitions to S.C. 9 |
| SVLT | 16:54 | 10:00 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | TRUE | FALSE | 0 | Number of starting failures 0 |
| SVLT | 10:00 | 12:18 12-0 (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | Number of starting failures |
| SVLT | | 2013/06/01 8:51 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| | 2013/06/01 8:51 | 11-O : Operating | (43100) Combustion Fulbrile | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 Starting Failure Code 21 (4)-F0-4 : Forced Outage - Starting Failure |
| SVLT | 11:33 | 12:09 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | O Starting rande code 21 (4)-ro-4 : Forced Outage - Starting ratione |
| SVLT | 12:09 | 11-O : Operating | (49100) Combustion Fulbrile | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:40 | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 14:41 | 15:49 24-MO : Maintenance Outage | (49313) Supercharging Fan | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:49 | 11-O : Operating | (49313) Supercriaiging Fair | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 16:02 | 12:00 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 12:01 | 12-O (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:36 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 13:37 | 11:32 24-MO : Maintenance Outage | (49314) Fuel Supply System to Unit | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | Ô |
| SVLT | 11:32 | 12-O (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:02 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 14:03 | 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 12:00 | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:42 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 15:32 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 17:19 | 14:28 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:28 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 13:18 | 15:45NO (PB) : Available but not operating - Porced Defated | (49800) Generator | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:55 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 10:11 | 14-ABNO : Available but not operating | (49100) Combustion Fulbrile | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:43 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| | | 2013/07/20 2:57 25-PO : Planned Outage | (99999) Other | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2013/07/20 2:57 | 14-ABNO : Available but not operating | (99999) Olifei | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 0 | 0 |
| | 2013/07/25 9:25 | 14:45 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:45 | 14-ABNO : Available but not operating | (49100) Combustion Fulbrile | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 14:41 | 15:41 24-MO : Maintenance Outage | (49317) Lubrication System | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:41 | 14-ABNO : Available but not operating | (49317) Eublication System | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:21 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:01 | 14-ABNO : Available but not operating | | TRUF | | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:07 | 14-ABNO : Available but not operating | | FALSE | 14 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:42 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:38 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 12:37 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:00 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | 2013/10/24 9:36 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:01 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 12:57 | 21:23 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 21:23 | 14-ABNO : Available but not operating | (10100) Combosion Tublie | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| | 2013/11/14 9:15 | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:24 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2013/11/14 | · · · | 1 | | | | | | | ٠ | · |
| SVLT | 12:10 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 13:52 | 20:21 25-PO : Planned Outage | (49812) Generator Lubrication System | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 20:21 | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:30 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:20 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 16:44 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 22:35 | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 22:20 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 21:29 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 13:47 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |

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| | | | | | | | | | | Prev Stat | | |
|------------------------------|-----------------------------------|-------------|---|---|------------------------|-------------|--------------------|----------------------|---------------|----------------|-------------------------|--|
| | 0 0 . | 5.11.5. | 0.1.0.1 | 0.01 | | a | | | Prev Stat | Already | T | - " - 0 |
| Unit HWDT | Start_Date 17:33 | Finish_Date | State Code 11-O : Operating | Outage Code | SynchCondense FALSE | State 11 | Operating? TRUE | Synch Cond? FALSE | Operating? | S.C.? TRUE | Trans to SC? Starting F | allure? |
| -WDT | 18:25 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 Number of transitions to S.C. 3 |
| łWDT | 2013/01/11 7:12 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 Number of starting failures 1 |
| IWDT | 11:32 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| WDT | 2013/01/16 0:44 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| WDT | 14:27 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 Starting Failure Code 21 (4)-F0-4 : Forced Outage - Starting |
| WDT | 15:17 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| WDT | 16:35 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT WDT | 21:04 | | 14-ABNO : Available but not operating | | TRUE FALSE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| WDT | 2013/01/17 9:08 | | 11-O : Operating 14-ABNO : Available but not operating | | TRUE | 11 14 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| WDT | 16:10 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT | 16:36 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| WDT | 11:50 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | o o | 0 |
| WDT | 12:54 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| IWDT | 13:44 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT | 21:31 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| WDT | 21:47 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT | 22:04 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | TRUE | 21 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| WDT WDT | 22:33 22:47 | | 14-ABNO : Available but not operating | | FALSE FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT | 15:49 | | 11-O : Operating 14-ABNO : Available but not operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT | 17:13 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 14 12 | FALSE TRUE | FALSE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| WDT | 18:05 | | 14-ABNO : Available but not operating | (49100) Combustion Fulbrile | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| WDT | 2013/01/23 7:26 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| IWDT | | | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| IWDT | 2013/01/23 9:21 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| IWDT | 2013/01/23 9:48 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| IWDT | 16:24 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT | 16:49 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| WDT | 14:26 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| IWDT | 21:16 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| IWDT IWDT | 11:09 | | 21 (4)-FO-4 : Forced Outage - Starting Failure | (49100) Combustion Turbine | FALSE FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 1 |
| IWDT | 12:24 20:21 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE | 12 15 | TRUE FALSE | FALSE FALSE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| WDT | 2013/04/17 9:11 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| IWDT | 10:04 | | | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| IWDT | 11:24 | | 14-ABNO : Available but not operating | (, | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| IWDT | 2013/05/17 6:26 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| | | 2013/05/25 | 16-ABNO (SD) : Available but not operating - Scheduled | | | | | | | | | |
| łWDT | 2013/05/18 9:05 | | Derated | (49100) Combustion Turbine | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT | 16:14 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT | 18:01 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| WDT | 14:37 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT WDT | 15:58 | | 14-ABNO : Available but not operating | (FOOO) Terresissing Limitations | FALSE FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| IWDT | 2013/07/04 9:01 10:48 | | 24-MO : Maintenance Outage | (5200) Transmission Limitations (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2013/09/13 | | 14-ABNO : Available but not operating | (49100) Combustion Turbine | | 14 | FALSE | FALSE | FALSE | FALSE | U | 0 |
| IWDT | 14:45 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| IWDT | 16:07 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| IWDT | 16:19 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT | 17:39 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| IWDT IWDT | 17:40 18:47 | | 11-O : Operating | | FALSE FALSE | 11 14 | TRUE FALSE | FALSE FALSE | FALSE TRUE | FALSE FALSE | U | 0 |
| IWDT | 18:47 | | 14-ABNO : Available but not operating 11-O : Operating | | FALSE | 14 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT | 15:36 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| WDT | 15:52 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT | 17:09 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| NDT | 17:39 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| VDT | 19:14 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| VDT | 13:34 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| NDT | 14:53 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| WDT | 2013/10/04 0:00 | 12:34 | 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT | 12:34 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| WDT | 12:49 | | 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| | 13:30 | | 11-O : Operating | (49100) Combustion Turbine | FALSE FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | | | | 24 | FALSE | FALSE | TRUE | FALSE | 0 | |
| HWDT | | | 24-MO : Maintenance Outage | (49100) Combastion Faibline | | 44 | | | EALOE | | | |
| HWDT HWDT HWDT HWDT | 15:04 2013/12/19 8:32 15:41 | | 24-MO : Maintenance Outage 11-O : Operating 14-ABNO : Available but not operating | (43100) Combustion Fulbrite | FALSE TRUE | 11 14 | TRUE FALSE | FALSE TRUE | FALSE | FALSE | 0 | 0 |

2013 Gas Turbine UFOP Calulations - External Causes Included

Hardwoods GT - 2013 Statistics

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|----------------|-------------|---------------------|-----------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | | |
| 11 | 55.6 | | State 11+12+13 | 80.98 |
| 12 | 25.38 | 8.19 | State 14+15+16 | 6522.67 |
| 13 | 0 | 0 | State 21+22+23 | 299.85 |
| 14 | 3949.92 | | Number of FO | 4 |
| 15 | 2397.6 | 479.52 | | |
| 16 | 175.15 | 87.58 | Number of Starts | 28 |
| 21 | 299.85 | | No. of Start Fail. | 1 |
| 22 | 0 | | No. trans. to SC | 3 |
| 23 | 0 | | Attempted Starts | 32 |
| 24 | 1856.5 | | | |
| 25 | 0 | | r | 74.9625 |
| 30 | 0 | | D | 2.6122581 |
| | | | Т | 203.7518 |
| TOTAL | 8760.0 | 575.3 | | |
| | | | Demand Factor | 0.0454994 |
| Number of | Forced Outages | 4 | UFOP | 14.42% |
| Number of | Unit Starts | 28 | | |

2013 Gas Turbine UFOP Calulations - External Causes Included

Stephenville GT - 2013 Statistics

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|----------------|-------------|---------------------|-----------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | | |
| 11 | 11.60 | | State 11+12+13 | 65.63 |
| 12 | 54.03 | 26.6 | State 14+15+16 | 4434.30 |
| 13 | 0.00 | 0 | State 21+22+23 | 3662.78 |
| 14 | 3443.00 | | Number of FO | 5 |
| 15 | 991.30 | 488.04 | | |
| 16 | 0.00 | 0 | Number of Starts | 17 |
| 21 | 3662.78 | | No. of Start Fail. | 0 |
| 22 | 0.00 | | No. trans. to SC | 9 |
| 23 | 0.00 | | Attempted Starts | 26 |
| 24 | 283.03 | | | |
| 25 | 314.25 | | r | 732.556 |
| 30 | 0.00 | | D | 2.5242308 |
| | | | Т | 170.55 |
| TOTAL | 8759.99 | 514.64 | | |
| | | | Demand Factor | 0.0179194 |
| Number of | Forced Outages | 5 | UFOP | 50.00% |
| Number of | Unit Starts | 17 | | |

NLH HWD/SVL Units - External Causes Included

| State 11+12+13 | 146.61 |
|--------------------|------------|
| State 14+15+16 | 10,956.97 |
| State 21+22+23 | 3,962.63 |
| Number of FO | 9.00 |
| Number of Starts | 45 |
| No. of Start Fail. | 1 |
| No. trans. to SC | 12 |
| Attempted Starts | 58 |
| r | 440.292222 |
| D | 2.57210526 |
| T | 188.868929 |
| Demand Factor | 0.01908881 |
| UFOP | 34.03% |

Hardwoods GT - 2013 Statistics

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|---------------|-------------|---------------------|-----------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | | |
| 11 | 55.6 | | State 11+12+13 | 80.98 |
| 12 | 25.38 | 8.19 | State 14+15+16 | 6522.67 |
| 13 | 0 | 0 | State 21+22+23 | 299.85 |
| 14 | 3949.92 | | Number of FO | 4 |
| 15 | 2397.6 | 479.52 | | |
| 16 | 175.15 | 87.58 | Number of Starts | 28 |
| 21 | 299.85 | | No. of Start Fail. | 1 |
| 22 | 0 | | No. trans. to SC | 3 |
| 23 | 0 | | Attempted Starts | 32 |
| 24 | 1830.72 | | | |
| 25 | 0 | | r | 74.9625 |
| 30 | 0 | | D | 2.6122581 |
| | | | Т | 203.7518 |
| TOTAL | 8734.22 | 575.29 | | |
| | | | Demand Factor | 0.0454994 |
| Number of | Forced Outage | 4 | UFOP | 14.42% |
| Number of | Unit Starts | 28 | | |

2013 Gas Turbine UFOP Calulations - External Causes Excluded

Stephenville GT - 2013 Statistics

| State | Y-T-D | | Calculations | |
|-------------|---------------|-------------|--------------------|-----------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | | |
| 11 | 11.60 | | State 11+12+13 | 65.63 |
| 12 | 54.03 | 26.6 | State 14+15+16 | 4434.30 |
| 13 | 0.00 | 0 | State 21+22+23 | 3662.78 |
| 14 | 3443.00 | | Number of FO | 5 |
| 15 | 991.30 | 488.04 | | |
| 16 | 0.00 | 0 | Number of Starts | 17 |
| 21 | 3662.78 | | No. of Start Fail. | 0 |
| 22 | 0.00 | | No. trans. to SC | 9 |
| 23 | 0.00 | | Attempted Starts | 26 |
| 24 | 283.03 | | | |
| 25 | 294.48 | | r | 732.556 |
| 30 | 0.00 | | D | 2.5242308 |
| | | | Т | 170.55 |
| TOTAL | 8740.22 | 514.64 | | |
| | | | Demand Factor | 0.0179194 |
| Number of | Forced Outage | 5 | UFOP | 50.00% |
| Number of | Unit Starts | 17 | | |

NLH HWD/SVL Units - External Causes Excluded

| State 11+12+13 | 146.61 |
|--------------------|-----------|
| State 14+15+16 | 10,956.97 |
| State 21+22+23 | 3,962.63 |
| Number of FO | 9.00 |
| Number of Starts | 45 |
| No. of Start Fail. | 1 |
| No. trans. to SC | 12 |
| Attempted Starts | 58 |
| r | 440.29222 |
| D | 2.5721053 |
| T | 188.86893 |
| Demand Factor | 0.0190888 |
| UFOP | 34.03% |

PUB-NLH-636, Attachment 4 Page 1 of 8, Isl Int System Power Outages (Phase Two)

| | | | | | | | | | | Prev Stat | | | |
|------|------------------------------------|-----------------|---|--|----------------|----------|----------------|----------------|-------------------------|------------------|-------------------------|------------------------------|--|
| Unit | Start_Date | Finish Date | State Code | Outage Code | SynchCondense | State | Operating? | Synch Cond | Prev Stat Operating? | Already S.C.? | Trans to SC? Starting F | ailure? | |
| HWDT | 2014/01/01 0:01 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | | TRUE | ridio to co. Clarting r | 0 | |
| HWDT | 19:39 2014/01/09 9:36 | | 14-ABNO: Available but not operating 15-ABNO (FD): Available but not operating - Forced Derated | (40040) C D-t | TRUE FALSE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 Number of transitions | |
| HWDT | 15:09 | | 12-O (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 15 12 | FALSE TRUE | FALSE FALSE | FALSE FALSE | FALSE FALSE | 0 | 0 Number of starting fa 0 | lilures 4 |
| HWDT | 2014/01/11 9:04 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 | |
| HWDT | 13:17 19:04 | | 11-O : Operating | | FALSE FALSE | 11 | TRUE | FALSE FALSE | FALSE | FALSE FALSE | 0 | Starting Failure Code | 21 (4)-FO-4 : Forced Outage - Starting Failure |
| HWDT | 19:04 | | 14-ABNO : Available but not operating 11-O : Operating | | FALSE | 14 11 | FALSE TRUE | FALSE | TRUE FALSE | FALSE | 0 | 0 | |
| HWDT | 20:59 | 21:52 | 21 (1)-FO-1 : Forced Outage - Sudden | (49800) Generator | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 | |
| HWDT | 21:52 | 2014/01/12 | 14-ABNO : Available but not operating | (49980) Auxiliaries Controls and | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 | |
| HWDT | 2014/01/12 9:38 | 13:47 | 24-MO : Maintenance Outage | Instrumentation | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 13:47 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 18:00 18:58 | 18:58 | 21 (1)-FO-1 : Forced Outage - Sudden 14-ABNO : Available but not operating | (49100) Combustion Turbine | FALSE TRUE | 21 14 | FALSE FALSE | FALSE TRUE | TRUE FALSE | FALSE FALSE | 0 | 0 | |
| HWDT | 13:48 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 15:07 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| HWDT | 18:15 21:21 | | 11-O : Operating 11-O : Operating | | FALSE FALSE | 11 11 | TRUE TRUE | FALSE FALSE | FALSE TRUE | FALSE FALSE | 0 | 0 | |
| HWDT | 22:31 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE FALSE | TRUE | FALSE FALSE | 0 | 0 | |
| HWDT | 2014/01/22 8:52 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 | |
| HWDT | 13:25 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 13:26 13:57 | 13:57 | 21 (1)-FO-1 : Forced Outage - Sudden 11-O : Operating | (49100) Combustion Turbine | FALSE FALSE | 21 11 | FALSE TRUF | FALSE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 | |
| HWDT | 14:01 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| HWDT | 14:12 | 15:06 | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 15:06 15:09 | | 11-O : Operating 14-ABNO : Available but not operating | | FALSE TRUE | 11 14 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 | |
| HWDT | 15:09 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE FALSE | 0 | 0 | |
| HWDT | 15:20 | 15:52 | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 | |
| HWDT | 15:52 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 15:55 16:01 | | 14-ABNO : Available but not operating 11-O : Operating | | TRUE FALSE | 14 11 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 | |
| HWDT | 16:02 | 16:50 | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 | |
| HWDT | 16:50 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 | |
| HWDT | 2014/01/23 7:03 2014/01/23 8:55 | 2014/01/23 8:55 | 24-MO : Maintenance Outage 14-ABNO : Available but not operating | (49100) Combustion Turbine | FALSE TRUE | 24 14 | FALSE FALSE | FALSE | FALSE FALSE | FALSE FALSE | 0 | 0 | |
| HWDT | 11:33 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 11:47 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 12:23 13:06 | | 11-O : Operating 14-ABNO : Available but not operating | | FALSE TRUE | 11 | TRUE | FALSE | TRUE | FALSE FALSE | 0 | 0 | |
| HWDT | 17:40 | | 11-O : Operating | | FALSE | 14 11 | TRUE | FALSE | TRUE FALSE | FALSE | 0 | 0 | |
| HWDT | 18:56 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| HWDT | 18:04 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 19:10 10:46 | | 14-ABNO : Available but not operating 11-O : Operating | | TRUE FALSE | 14 11 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 | |
| HWDT | 11:52 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| HWDT | 2014/02/04 6:35 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FAI SE | FALSE | FALSE | 0 | 0 | |
| HWDT | 2014/02/04 7:08 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 10:20 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| HWDT | 13:24 | | 11-O : Operating 14-ABNO : Available but not operating | | FALSE | 11 14 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE | 0 | 0 | |
| HWDT | 15:51 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 17:08 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 21:46 2014/02/07 9:17 | | 14-ABNO : Available but not operating 11-O : Operating | | TRUE FALSE | 14 11 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 | |
| HWDT | 10:35 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 | |
| HWDT | 14:28 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 15:53 10:00 | | 14-ABNO : Available but not operating 11-O : Operating | | TRUE FALSE | 14 11 | FALSE TRUF | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 | |
| HWDT | 10:50 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| HWDT | 12:11 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 14:00 2014/02/10 4:05 | | 14-ABNO : Available but not operating 11-O : Operating | | TRUE FALSE | 14 11 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 | |
| HWDT | 2014/02/10 4:05 | | 11-O : Operating 14-ABNO : Available but not operating | | TRUE | 11 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| HWDT | 19:00 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 20:33 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| HWDT | 13:27 16:47 | | 11-O : Operating 14-ABNO : Available but not operating | | FALSE TRUE | 11 14 | TRUE FALSE | FALSE | FALSE | FALSE FALSE | 0 | 0 | |
| HWDT | 13:20 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | ő | 0 | |
| HWDT | 13:54 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| HWDT | 14:46 16:55 | | 11-O : Operating 14-ABNO : Available but not operating | | FALSE TRUE | 11 14 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 | |
| HWDT | 2014/02/18 2:35 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 13:17 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| HWDT | 13:54 14:51 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 | |
| HWDT | 2014/03/01 9:39 | | 12-O (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE | 15 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 10:42 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| HWDT | 11:50 12:44 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 | |
| HWDT | 12:44 | | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 15 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 16:39 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| HWDT | 14:10 14:40 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE TRUE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| HWDT | 2014/03/04 5:21 | | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 12 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 | |
| | | | . , , | | | | | | | | • | - | |

| HWDT | 10:40 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
|------|-----------------|-----------------|----------------------|---|--|----------------|----------|----------------|----------------|----------------|----------------|---|---|
| HWDT | 11:30 | | 12-O (FD) | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:05 | | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:36 | | 12-O (FD) | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/03/05 9:02 | 13:00 | 12-O (FD) | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 22:48 | | 14-ABNO | : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/03/06 4:45 | | 11-O : Op | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:14 | 2014/03/07 8:10 | 12-O (FD) | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:42 | | 14-ABNO | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/03/10 4:39 | | 12-O (FD) | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/03/10 9:47 | | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/03/11 6:37 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 10:12 | | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/03/18 7:15 | | 12-O (FD) | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/03/18 9:21 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:07 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:17 | | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/03/19 5:34 | | 12-O (FD) | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/03/19 9:24 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:22 | 10:43 | 21 (1)-FO | -1 : Forced Outage - Sudden | (49100) Combustion Turbine | TRUE | 21 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 10:43 | | | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | ō |
| HWDT | 13:18 | | 12-O (FD) | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:50 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:31 | | 11-O : Op | | , | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:19 | | 14-ABNO | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:49 | | 11-O : Op | erating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:01 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/04/09 7:06 | | 11-O : Op | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | ō | 0 |
| HWDT | 13:51 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | ō | ō |
| HWDT | 17:32 | | 11-O : Op | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 17:50 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | Ö | ő |
| HWDT | 14:07 | | 11-O : Op | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | ō |
| HWDT | 15:52 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | ő |
| HWDT | 20:50 | 21:52 | 21 (1)-FO | -1 : Forced Outage - Sudden | (49800) Generator | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 21:52 | | 14-ABNO | : Available but not operating | (************************************** | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 15:28 | | 11-O : Op | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | ō |
| HWDT | 20:58 | | | : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | ő |
| HWDT | 21:30 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 21:34 | 23:14 | 21 (1)-FO | -1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | ő |
| HWDT | 23:14 | 20.14 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | o |
| HWDT | 2014/05/07 7:41 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ò | 0 |
| HWDT | 2014/05/07 9:55 | | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:30 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 19:56 | | | : Available but not operating | (43100) Combustion Fulbrile | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/05/08 7:41 | | 11-O : Op | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/05/08 9:55 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/05/08 9:53 | | 11-O : Op | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/05/12 7:48 | | | : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/05/12 8:33 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2014/06/01 6:46 | | | : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 19:14 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 4 | 0 |
| HWDT | 16:15 | 12:10 | 24 (4) EO | -4 : Forced Outage - Starting Failure | (49270) Starting System | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 1 |
| HWDT | 12:53 | 13.10 | 12 O (ED) | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:46 | | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:01 | | | (FD) : Available but not operating - Forced Derated : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:02 | | 15 ADMO | (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:33 | | | | (49100) Combustion Turbine | TRUE | | FALSE FALSE | TRUE | FALSE | | - | |
| HWDT | 14:33 | 0011/00/01 001 | | | | FALSE | 15 | | | | FALSE | 1 | 0 |
| HWDT | 2014/06/21 8:24 | 2014/06/21 8:24 | | | (49312) Heat Shields (49312) Heat Shields | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | | 0 |
| HWDT | 2014/06/21 8:24 | | | lanned Outage | | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | | 18:45 | | (FD) : Available but not operating - Forced Derated | (49312) Fleat Snieigs | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:45 | | | : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| | 17:17 | | | : Available but not operating | | | 14 11 | FALSE TRUE | FALSE FALSE | FALSE FALSE | FALSE | | 0 |
| HWDT | 18:05 18:45 | 40:40 | 11-O : Op | erating (FD) : Available but not operating - Forced Derated | (40342) Hoot Chields | FALSE FALSE | 11 15 | FALSE | FALSE | TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 18:45 | 19:16 | 15-ABNO 11-O : Op | | (TOUIZ) FIERL OHIEIUS | FALSE | | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 19:16 | | | | | TRUE | 11 14 | | | TRUE | FALSE | • | 0 |
| HWDT | | | | : Available but not operating | | FALSE | 14 | FALSE TRUE | TRUE FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 10:33 10:52 | | 11-O : Op | erating : Available but not operating | | FALSE | | FALSE | FALSE | TRUE | | | 0 |
| HWDT | 10:52 | | | | | FALSE | 14 | | | | FALSE | 0 | |
| HWDT | | | 11-O : Op | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:04 | | | : Available but not operating | | TRUE | 14 | FALSE | FALSE | TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 18:56 | 40:40 | 14-ABNO | : Available but not operating -1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 14 | FALSE | TRUE | FALSE | | 1 | 0 |
| HWDT | 18:59 19:10 | 19:10 | | | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | 11-O : Op | | | | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:32 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/07/05 7:52 | | | : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:09 | | 11-O : Op | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:28 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:37 | | 11-O : Op | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:34 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:00 | | 11-O : Op | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:13 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/07/25 3:47 | 11:54 | | -1 : Forced Outage - Sudden | (49890) Electrical Distribution System | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:54 | | 11-O : Op | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:39 | | | : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:53 | | 11-O : Op | erating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:42 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:58 | | 11-O : Op | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:03 | | 14-ABNO | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/09/26 6:58 | 15:53 | 24-MO : N | Maintenance Outage | (49314) Fuel Supply System to Unit | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:53 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| | | | | | | | | | | | | | |

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| HWDT | 15:08 | 15:27 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
|------|-------------------------|---|------------------------------------|-------|----------|-------|-------|-------|-------|----|---|
| HWDT | 15:27 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2014/10/02 7:41 | 11-O : Operating | (10100) Combaction Talbino | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/10/02 8:57 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:00 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:24 | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | | 18 7:16 21 (4)-FO-4 : Forced Outage - Starting Failure | (49270) Starting System | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 1 |
| HWDT | 2014/10/18 7:16 | 14-ABNO : Available but not operating | (43270) Starting System | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | , |
| HWDT | 13:00 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 'n | 0 |
| HWDT | 13:42 | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:00 | 11-O : Operating | | FALSE | 14 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:19 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | 12:53 | 11-O : Operating | | FALSE | 14 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:22 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:24 | | | FALSE | | | | | | | |
| | | 14-ABNO : Available but not operating | | | 14 11 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:45 | 11-O : Operating | | FALSE | | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:28 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/11/17 7:29 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/11/17 8:11 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:46 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:07 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 11:54 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:09 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:06 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:45 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:47 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:22 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:59 | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:25 | 10:52 21 (4)-FO-4 : Forced Outage - Starting Failure | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 1 |
| HWDT | 10:10 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:58 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 19:41 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 23:57 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/12/09 4:42 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/12/09 8:57 | 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:09 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:11 | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:09 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:11 | 15:10 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:03 | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:31 | 15-ABNO (FD): Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:48 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:16 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 11:26 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:46 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:12 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:10 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 19:18 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | ō | ō |
| HWDT | 2014/12/31 6:19 2014/12 | 31 7:10 21 (4)-FO-4 : Forced Outage - Starting Failure | (49270) Starting System | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | ō | 1 |
| HWDT | 2014/12/31 7:10 | 11-O : Operating | , | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | ő | ò |
| HWDT | 13:36 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | TRUE | FALSE | ō | ō |
| HWDT | 19:58 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |

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| March Marc | | | | | | | | | | | Prev Stat | | |
|---|---------|-----------------|-------------|---|------------------------------------|---------------|-------|------------|------------|-------------------------|------------------|--------------------------------|---|
| 1 | Unit | Start Date | Finish Date | State Code | Outage Code | SynchCondense | State | Operating? | Synch Cond | Prev Stat Operating? | Already S.C.? | Trans to SC? Starting Failure? | |
| Property | SVLT | 21:32 | 21:33 | 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | | TRUE | 0 | |
| Section Continue | | | | | | | | | | | | | |
| March Marc | SVLI | 2014/01/04 2:14 | | | | FALSE | 12 | IRUE | FALSE | FALSE | FALSE | 0 0 Numbe | r of starting failures 0 |
| March Marc | | | | 21 (1)-FO-1 : Forced Outage - Sudden | the transmission line | | | | | | | | |
| 1975 1976 | | | | | | | | | | | | | Failure Code 21 (4)-E0-4 : Forced Outage - Starting Failure |
| | | | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | | | | | | | | Table Code 21 (1) to 1 - forced outlage Stateling failure |
| | O) // T | | | | | F41.0F | | 541.05 | E41.0E | TD.15 | 544.05 | | |
| 1965 | | | | | | | | | | | | | |
| | SVLT | 19:00 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 0 | |
| 1 | SVLT | | | | | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | |
| | SVLT | | | 21 (1)-FO-1 : Forced Outage - Sudden | | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 0 | |
| 1970 2011 1970 1971 1970 | | | 22:06 | 21 (1)-FO-1 : Forced Outage - Sudden | | | | | | | | | |
| Section Sect | | | | | | | | | | | | 0 0 | |
| 100 | SVLT | 23:14 | | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | |
| \$Strict Price \$1 | | | | | | | | | | | | 0 0 | |
| 1.15 | | | | | | | | | | | | 0 0 | |
| \$1 | SVLT | | | 12-O (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | | |
| Sect 19-00 | | | | 15-ABNO (FD) : Available but not operating - Forced Derated | | | | | | | | 0 0 | |
| | | | | | | | | | | | | 0 0 | |
| Section Sect | SVLT | | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | | | | TRUE | | | | |
| Part 1.12 | | | | | | | | | | | | | |
| Section 1.20 1.20 170 | | | | | | | | | | | | | |
| Sect 15-20 15-48 15-18 | | | | | | | | | | | | 0 0 | |
| Section Sect | | | | | | | | | | | | 0 0 | |
| Section Sect | SVLT | 18:16 | | 11-O : Operating | | FALSE | | | | | FALSE | | |
| SAT 13-27 15-26 | | | | | | | | | | | | 0 0 | |
| \$\text{Strict} \$\te | | | | | | | | | | | | | |
| SVI | | | | | | FALSE | | | | | | | |
| SYLT 11-57 15-ABO (PT) Available bit not operating - Frontal Densited 16-100 (Containon Turbrise TRUE 15 TRUE PTALSE PT | | | | | | | | | TRUE | | | | |
| SV-T 22:00 15-ABNO (FP) - Analists for not opening - Froat Demand 19100 Correction Turkins FALSE 12 TRUE FALSE FALSE 0 0 0 0 0 0 0 0 0 | | | | 15-ABNO (FD) : Available but not operating - Forced Derated | | | | | | | | | |
| SVLT 10:00 | | | | | | | | | | | | | |
| SVLT 1000 15-AMO (PT) Available but not operating - Forced Deriand 49100 (Cortaxion Turbine FALSE 12 TRUE FALSE 12 TRUE FALSE 13 FALSE 14 FALSE | | | | | | | | | | | FALSE FALSE | | |
| SVLT 1325 15-8MD (FP) Available but not operating - Frond Desired (4910) Combustion Turbure FALSE 12 FALSE 74.5E FALSE 0 0 | | | | | | | 15 | | | | FALSE | 0 0 | |
| SVLT 20140270-615 12-0 FPI) Comming under Forced Detailed 49100 Combision Turbine FALSE 21 FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 21 FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 21 FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE FALSE Comming under Forced Detailed 49100 Combision Turbine FALSE 12 FALSE FALSE FALSE FALSE FALSE Comming under Forced Detailed 49100 Combisio | | | | | | | | | | | | 0 0 | |
| SVLT 17-04 17-762 17-7 | | | | | | | | | | | | | |
| SYLT 17-04 12-0 (PID) Cyentring under Forced Demind (49100) Controlution Turbine FALSE 12 TRUE FALSE FALSE 0 0 | SVLT | | 17:04 | 21 (2)-FO-2 : Forced Outage - Immediately Deferrable | (49100) Combustion Turbine | FALSE | | FALSE | FALSE | TRUE | FALSE | 0 0 | |
| SVLT 20140271 16.39 11.92 (FIP) Coperating under Forced Detailed 49100] Cornbustion Turben FALSE 12 TRUE FALSE FALSE CO | | 17:04 | | | | | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | |
| SVLT 2014(20119.46] 11.52] (1) FFO-1: Forced Dumples (49100) Combustion Turbine FALSE 21 FALSE 74.5E | | | | | | | | | | | | | |
| SVLT 11-58 12-0 FD) Operating under Forced Dennited (4910) Continuin Turbine FALSE 12 TRUE FALSE FALSE 0 0 | | | | | | TALOL | | | | | | | |
| SVLT 20.04 12.0 (FID) Operating under Forced Dentaled 49100) Cortex/stort Turbine FALSE 12 TRUE FALSE FALSE 0 0 | SVLT | 11:53 | | 12-O (FD) : Operating under Forced Derated | | | 12 | TRUE | FALSE | FALSE | FALSE | | |
| SVLT 21:06 15-ABNO (PD) Available but not operating - Forced Dentated (49100) Combustion Tubine FALSE 12 TRUE FALSE FALSE FALSE 0 0 | | | | | | | | | | | | | |
| SVLT 2014/0278 928 15-ABNO (FD) Available but not operating - Forced Densited 491-00 Cordustion Turbine FALSE 12 TRUE FALSE FALSE FALSE 0 0 | SVLT | 21:05 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | | | | | | 0 0 | |
| SVLT 10:25 12-0 (FD) : Operating under Forced Derated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE TRUE TRUE FALSE TRUE TRUE FALSE TRUE TRUE FALSE TRUE | SVLT | | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | | | | | | | | |
| SVLT 14-45 15-ABNO (FD) Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE A 50 Combustion Turbine FALSE TRUE TRUE FALSE TRUE | | | | | | | | | | | | 0 0 | |
| SVLT 19.55 15-ABNO (FP) Available but not operating - Forced Derated 649100 Combustion Turbine FALSE 12 TRUE FALSE FALSE 6.0 0 | SVLT | 14:45 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 0 | |
| SVLT 10:20 12-0 (PD) Operating under Forced Denated 49100] Cordustion Turbine FALSE 12 TRUE FALSE FALSE 0 0 | | | | | | | | | | | | 0 0 | |
| SVLT 11-46 15-ABNO (FD) : Available but not operating - Forced Derated 49100 Combustion Turbine TRUE 15 FALSE TRUE FALSE 0 0 | | | | 12-O (FD): Operating under Forced Derated | | | | | | | | 0 0 | |
| SVLT 17:06 15-ABNO (FD) : Available but not operating - Forced Derated 49100 Combustion Turbine TRUE 15 FALSE TRUE FALSE 0 0 | | | | 15-ABNO (FD) : Available but not operating - Forced Derated | | | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 | |
| SVLT 10:00 12-O (FD) : Operating under Forced Dented 49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE 0 0 | | | | | | | | | | | | | |
| SVLT 15:01 12-O (FD) Operating under Forced Dented 49:00) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE 0 0 | | | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | | | | | | | | |
| SVLT 16:15 15-ABNO (FD) : Available but not operating - Forced Derated 49:100 Combustion Turbine TRUE 15 FALSE TRUE TRUE FALSE 0 0 | | | | | | | | | | | | | |
| SVLT 10:00 12-O (FD) Operating under Forced Dented 40:00 Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE 0 0 | | | | | | | | | | | | | |
| SVLT 2014/03/04 6:00 12-O (FD) Operating under Forced Dented 49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE 0 0 | SVLT | 10:00 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | |
| SVLT 2014/03/04 92:6 15-ABNO (FD) : Available but not operating - Forced Derated 49100 Combustion Turbine FALSE 12 TRUE FALSE FALSE 5 0 0 | | | | | | | | | | | | 0 0 | |
| SVLT 11:57 12-O (FD) Operating under Forced Dented (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE 0 0 | | | | 15-ABNO (FD): Available but not operating - Forced Derated | | | | | | | | 0 0 | |
| SVLT 15:27 12-O (FD) : Operating under Forced Dented 49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE 0 0 | SVLT | 11:57 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | |
| SVLT 22:59 15-ABNO (FD) : Available but not operating - Forced Derated 49:100) Combustion Turbine TRUE 15 FALSE TRUE FALSE 5 0 0 | | | | | | | | | | | | 0 0 | |
| SVLT 23:43 15-ABNO (FD) : Available but not operating - Forced Derated 49100) Combustion Turbine TRUE 15 FALSE TRUE TRUE FALSE 0 0 | SVLT | 22:59 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | | | TRUE | TRUE | FALSE | | |
| SVLT 2014/03/06 6:27 2014/03/06 6:27 2014/03/06 6:24 12-O (FP): Operating under Forced Denated (49100) Combustion Turbine FALSE 21 FALSE FALSE <td></td> <td>FALSE</td> <td>0 0</td> <td></td> | | | | | | | | | | | FALSE | 0 0 | |
| SVLT 2014/03/06 6:54 12-O (FD): Operating under Forced Detacted (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE 0 SVLT 2014/03/06 9:17 2014/03/06 9:17 2014/03/06 9:56 12-O (FD): Operating under Forced Detacted (49314) Fuel Supply System to Unit FALSE 21 FALSE FALSE FALSE 0 0 SVLT 2014/03/06 9:56 12-O (FD): Operating under Forced Detacted (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE 0 0 | | | | | | | | | | | | 0 0 | |
| SVLT 2014/03/06 9:56 12-O (FD) : Operating under Forced Denated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE 0 0 | SVLT | 2014/03/06 6:54 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| SVLT | 15:33 | | | : Operating under Forced Derated | | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
|--------|-----------------|-----------------|----------------------|---|---------|-------------------------------|--------|----|--------|-------|-------|----------------|--------|---|
| SVLT | 15:45 | 16:18 | 21 (1)-FO-1 | 1 : Forced Outage - Sudden | (49314) | Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 16:18 | | 12-O (FD) : | Operating under Forced Derated | (49100) | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 21:42 | | | FD) : Available but not operating - Forced Derated | (49100) | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | ō | ō |
| SVLT | 2014/03/07 5:51 | | | Operating under Forced Derated | | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | ō |
| SVLT | 2014/03/07 9:04 | | | FD) : Available but not operating - Forced Derated | | Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/03/10 5:54 | | | | | Combustion Turbine | FALSE | | | | | FALSE | | 0 |
| | | 10.09 | | 1 : Forced Outage - Sudden | | | | 21 | FALSE | FALSE | FALSE | | 0 | |
| SVLT | 10:09 | | | Operating under Forced Derated | | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:18 | | | FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/03/11 7:10 | | | : Operating under Forced Derated | | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:09 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/03/19 5:37 | | 12-O (FD) : | Operating under Forced Derated | (49100) | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2014/03/19 9:07 | | | aintenance Outage | (49100) | Combustion Turbine | FALSE | 24 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 15:36 | | | FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | ō |
| SVLT | 2014/03/25 9:24 | | | Operating under Forced Derated | | Combustion Turbine | FALSE | | TRUE | FALSE | FALSE | FALSE | | 0 |
| | 10:40 | | | | | Combustion Turbine | TRUE | 12 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | | | | FD) : Available but not operating - Forced Derated | | | | 15 | | | | | | |
| SVLT | 15:06 | | | Operating under Forced Derated | | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 16:24 | | | FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 16:26 | | 12-O (FD) : | : Operating under Forced Derated | (49100) | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:56 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 20:55 | | 12-O (FD) : | Operating under Forced Derated | (49100) | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 21:06 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) | Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 21:17 | | | Operating under Forced Derated | (49100) | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 21:19 | | | FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 13:44 | | | | | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:33 | | 12-U (FD) : | Operating under Forced Derated | | Combustion Turbine | TRUE | | | | | | | |
| | | | | FD) : Available but not operating - Forced Derated | | | 11102 | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 14:39 | | | Operating under Forced Derated | | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:30 | | | FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 16:56 | | 12-O (FD) : | : Operating under Forced Derated | (49100) | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:33 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/05/07 8:23 | | 12-O (FD) : | Operating under Forced Derated | (49100) | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2014/05/07 9:55 | | | FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| OTE | 2014/05/16 | 2014/05/16 | 10710110 (| 1 b) : / Wallable but not operating 1 block belated | | Internal Cooling and Seal Air | | 15 | IALOL | INOL | IIIOL | IALUL | 0 | |
| SVLT | 10:53 | | 24 (4) EO | 1 : Forced Outage - Sudden | | and Seals | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | | 0 |
| SVLT | 14:44 | | | (FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE | | FALSE | TRUE | FALSE | FALSE FALSE | Ü | |
| | | | | | | | | 15 | | | | | 1 | 0 |
| SVLT | 2014/05/28 8:58 | | | anned Outage | | Building Fire Protection | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:50 | | | FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 2014/06/06 9:52 | | | : Operating under Forced Derated | (49100) | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:07 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | 2014/06/06 | 2014/06/09 | | , , | (49980) | Auxiliaries Controls and | | | | | | | | |
| SVLT | 14:00 | | 21 (1)-FO- | 1 : Forced Outage - Sudden | Instrum | | TRUE | 21 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 11:00 | | | FD) : Available but not operating - Forced Derated | | Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | Ö |
| SVLT | 11:30 | | | Operating under Forced Derated | | Exhaust Stack and Silencer | FALSE | | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | | | | | | 12 | | | | | | |
| SVLT | 12:48 | | | FD) : Available but not operating - Forced Derated | | Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/06/11 8:47 | | | Operating under Forced Derated | | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:36 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 17:44 | | 12-O (FD) : | : Operating under Forced Derated | (49100) | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:48 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 17:38 | | | Operating under Forced Derated | | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | ō |
| SVLT | 18:24 | | | FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 12:55 | | | | | Combustion Turbine | FALSE | | TRUE | | | FALSE | - | - |
| | | | | Operating under Forced Derated | | | | 12 | | FALSE | FALSE | | 0 | 0 |
| SVLT | 14:13 | | | FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/08/06 9:20 | | | Operating under Forced Derated | | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2014/08/06 9:42 | | | (FD): Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/08/12 9:08 | 18:14 | 24-MO : Ma | aintenance Outage | (49100) | Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:14 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 13:12 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) | Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:30 | | | FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | ő |
| SVLT | 2014/09/18 8:09 | | 12-O (ED) | Operating under Forced Derated | | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | o o | Ö |
| SVLT | 20:15 | | | | | Combustion Turbine | TRUE | | | | | | | |
| | | | | FD) : Available but not operating - Forced Derated | | | | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:00 | | | : Operating under Scheduled Derated | (49100) | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2014/10/02 | | | SD) : Available but not operating - Scheduled | | | | | | | | | | |
| SVLT | 11:18 | | Derated | | | Combustion Turbine | FALSE | 16 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/10/04 8:26 | | | anned Outage | (49100) | Combustion Turbine | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:00 | | 13-O (SD) | : Operating under Scheduled Derated | (49100) | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2014/10/21 | | 16-ABNO (| SD) : Available but not operating - Scheduled | | | | | | | | | | |
| SVLT | 11:24 | | Derated | | (49100) | Combustion Turbine | FALSE | 16 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 11:25 | | | anned Outage | (99999) | | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:38 | | | : Operating under Scheduled Derated | | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| CVLI | 2014/10/22 | | | SD) : Available but not operating - Scheduled | (+0100) | CONTRACTOR I GIDING | 1 ALUL | 13 | INUE | FALSE | FALSE | FALSE | U | U |
| CV/I T | | | 16-ABNO (Derated | . Available but not operating - Scrieduled | (40.00 | Combination Total | E41.05 | 40 | E4: 0E | EALOS | TD::- | EALOS | 0 | 0 |
| SVLT | 12:41 | | | 10. | | Combustion Turbine | FALSE | 16 | FALSE | FALSE | TRUE | FALSE | - | - |
| SVLT | 12:42 | | | anned Outage | (99999) | | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:54 | | 13-O (SD) | : Operating under Scheduled Derated | (49100) | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2014/10/22 | | 16-ABNO (| SD) : Available but not operating - Scheduled | | | | | | | | | | |
| SVLT | 21:12 | | Derated | | (49100) | Combustion Turbine | FALSE | 16 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 21:13 | | 25-PO : Pla | anned Outage | (99999) | | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2014/10/23 8:12 | | | : Operating under Scheduled Derated | | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | Ö |
| | 2014/10/23 | | | SD) : Available but not operating - Scheduled | , | | | | | | | | • | |
| SVLT | 15:46 | | Derated | , | (40400) | Combustion Turbine | FALSE | 16 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | | | | anned Outage | | | FALSE | | | | | | - | |
| | 15:51 | | | | (99999) | | | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:23 | | | FD) : Available but not operating - Forced Derated | | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 15:24 | | | aintenance Outage | (99999) | | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:04 | | 12-O (FD) | Operating under Forced Derated | (49100) | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:51 | | | FD) : Available but not operating - Forced Derated | (49100) | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 18:52 | 10:00 | 25-PO : Pla | anned Outage | (99999) | | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | ō |
| SVLT | 10:00 | | | : Operating under Forced Derated | | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:24 | | | (FD) : Available but not operating - Forced Derated | | Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| | | | | | | | FALSE | 24 | | | | FALSE | | |
| SVLT | | 2014/11/20 9:21 | | | (99999) | | | | FALSE | FALSE | FALSE | | 0 | 0 |
| SVLT | 10:48 | | | 1 : Forced Outage - Sudden | | Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:01 | | 12-O (FD) | Operating under Forced Derated | (49100) | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | | | | | | | | | | | | |

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| SVLT | 11:14 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
|------|-----------------|---|------------------------------------|-------|----|-------|-------|-------|-------|---|---|
| SVLT | 11:44 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:12 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 15:19 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:55 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 17:56 | 17:00 24-MO : Maintenance Outage | (99999) Other | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:00 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 20:00 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/11/30 6:41 | 14:56 24-MO : Maintenance Outage | (49100) Combustion Turbine | TRUE | 24 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 14:56 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 17:06 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 17:10 | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:40 | 19:34 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 19:34 | | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 2014/12/09 4:13 | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2014/12/09 8:56 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 17:48 | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:53 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 16:40 | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 16:58 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 12:58 | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:07 | | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:27 | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:52 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:07 | 13:36 24-MO : Maintenance Outage | (49243) Clutch | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:36 | | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:41 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/12/31 9:36 | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:36 | | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 17:05 | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 19:16 | 15-ABNO (FD): Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |

2014 Gas Turbine UFOP Calulations - External Causes Included

Hardwoods GT - 2014 Statistics

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|----------------|-------------|---------------------|-----------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | | |
| 11 | 212.68 | | State 11+12+13 | 280.28 |
| 12 | 142.07 | 67.6 | State 14+15+16 | 5369.99 |
| 13 | 0 | 0 | State 21+22+23 | 2220.88 |
| 14 | 4951.22 | | Number of FO | 17 |
| 15 | 1196.38 | 418.77 | | |
| 16 | 0 | 0 | Number of Starts | 88 |
| 21 | 2220.88 | | No. of Start Fail. | 4 |
| 22 | 0 | | No. trans. to SC | 18 |
| 23 | 0 | | Attempted Starts | 110 |
| 24 | 14.93 | | | |
| 25 | 21.83 | | r | 130.64 |
| 30 | 0 | | D | 2.6441509 |
| | | | Т | 48.818091 |
| TOTAL | 8760.0 | 486.4 | | |
| | | | Demand Factor | 0.0692508 |
| Number of | Forced Outages | 17 | UFOP | 35.43% |
| Number of | Unit Starts | 88 | | |

2014 Gas Turbine UFOP Calulations - External Causes Included

Stephenville GT - 2014 Statistics

| State | Y-T-D | | <u>Calculations</u> |
|-------------|----------------|-------------|-------------------------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | |
| 11 | 0.97 | | State 11+12+13 169.12 |
| 12 | 362.20 | 156.88 | State 14+15+16 2059.43 |
| 13 | 17.62 | 11.27 | State 21+22+23 309.87 |
| 14 | 0.00 | | Number of FO 18 |
| 15 | 6617.15 | 2030.46 | |
| 16 | 45.27 | 28.97 | Number of Starts 82 |
| 21 | 309.87 | | No. of Start Fail. |
| 22 | 0.00 | | No. trans. to SC |
| 23 | 0.00 | | Attempted Starts 94 |
| 24 | 772.43 | | |
| 25 | 634.50 | | r 17.215 |
| 30 | 0.00 | | D 1.7991489 |
| | | | T 21.90883 |
| TOTAL | 8760.01 | 2227.58 | |
| | | | Demand Factor 0.1572776 |
| Number of | Forced Outages | 18 | UFOP 22.37% |
| Number of | Unit Starts | 82 | |

NLH HWD/SVL Units - External Causes Included

| State 11+12+13 State 14+15+16 State 21+22+23 Number of FO | 449.40 7,429.42 2,530.75 35.00 | |
|--|---|--|
| Number of Starts No. of Start Fail. No. trans. to SC Attempted Starts | 170 4 30 204 | |
| r D T | 72.3071429 2.247 36.42 | |
| Demand Factor UFOP | 0.08489837 32.35% | |

Hardwoods GT - 2014 Statistics

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|---------------|-------------|---------------------|-----------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | , | |
| 11 | 212.68 | | State 11+12+13 | 354.75 |
| 12 | 142.07 | 67.6 | State 14+15+16 | 6147.6 |
| 13 | 0 | 0 | State 21+22+23 | 724.77 |
| 14 | 4951.22 | | Number of FO | 16 |
| 15 | 1196.38 | 418.77 | | |
| 16 | 0 | 0 | Number of Starts | 88 |
| 21 | 724.77 | | No. of Start Fail. | 4 |
| 22 | 0 | | No. trans. to SC | 18 |
| 23 | 0 | | Attempted Starts | 110 |
| 24 | 14.93 | | | |
| 25 | 21.83 | | r | 45.298125 |
| 30 | 0 | | D | 3.3466981 |
| | | | Т | 55.887273 |
| TOTAL | 7263.88 | 486.37 | | |
| | | | Demand Factor | 0.1179827 |
| Number of | Forced Outage | 16 | UFOP | 19.42% |
| Number of | Unit Starts | 88 | <u>-</u> | |

2014 Gas Turbine UFOP Calulations - External Causes Excluded

Stephenville GT - 2014 Statistics

| State | Y-T-D | | <u>Calculations</u> |
|-------------|----------------|-------------|-------------------------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | |
| 11 | 0.97 | | State 11+12+13 380.79 |
| 12 | 362.20 | 156.88 | State 14+15+16 6662.42 |
| 13 | 17.62 | 11.27 | State 21+22+23 284.27 |
| 14 | 0.00 | | Number of FO 15 |
| 15 | 6617.15 | 2030.46 | |
| 16 | 45.27 | 28.97 | Number of Starts 82 |
| 21 | 284.27 | | No. of Start Fail. |
| 22 | 0.00 | | No. trans. to SC 12 |
| 23 | 0.00 | | Attempted Starts 94 |
| 24 | 267.32 | | |
| 25 | 414.43 | | r 18.951333 |
| 30 | 0.00 | | D 4.0509574 |
| | | | T 70.876809 |
| TOTAL | 8009.23 | 2227.58 | |
| | | | Demand Factor 0.2131627 |
| Number of | Forced Outages | 15 | UFOP 13.73% |
| Number of | Unit Starts | 82 | |

NLH HWD/SVL Units - External Causes Excluded

| State 11+12+13 | 735.54 |
|--------------------|-----------|
| State 14+15+16 | 12,810.02 |
| State 21+22+23 | 1,009.04 |
| Number of FO | 31.00 |
| | |
| Number of Starts | 170 |
| No. of Start Fail. | 4 |
| No. trans. to SC | 30 |
| Attempted Starts | 204 |
| | |
| r | 32.549677 |
| D | 3.6777 |
| Т | 62.79 |
| | |
| Demand Factor | 0.1464334 |
| UFOP | 16.73% |
| | |

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| | | | | | | | | | Prev Stat | | |
|------|------------------------------------|---|--|----------------|----------|----------------|----------------|-------------------------|------------------|--------------------------|--|
| Unit | Start_Date | Finish_Date State Code | Outage Code | SynchCondense | State | Operating? | Synch Cond | Prev Stat Operating? | Already S.C.? | Trans to SC? Starting Fa | ilure? |
| SVLT | 12:35 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | | TRUE | | 0 |
| SVLT | 21:23 2015/01/06 5:56 | | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 12 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | | 0 Number of transitions to S.C. 15 0 Number of starting failures 0 |
| SVLT | 11:27 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 Number of starting failures 0 |
| SVLT | 16:05 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 20:56 | | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | | O Starting Failure Code 21 (4)-FO-4 : Forced Outage - Starting Failure |
| SVLT | 16:05 18:55 | | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| SVLT | 15:44 | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | - | 0 |
| SVLT | 18:49 | | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/01/09 6:05 | | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE TRUE | 12 | TRUE FALSE | FALSE | FALSE | FALSE FALSE | | 0 |
| SVLT | 2015/01/12 9:34 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 15 12 | TRUE | FALSE | FALSE | FALSE | - | 0 |
| SVLT | 10:07 | | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | | 0 |
| SVLT | 15:43 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 19:22 2015/01/14 6:58 | | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE | TRUE | FALSE | - | 0 |
| SVLT | 2015/01/14 6:56 | | | TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| SVLT | 15:57 | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:27 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 11:27 | | (49243) Clutch | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | • | 0 |
| SVLT | 15:41 10:52 | | | TRUE FALSE | 15 15 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 | 0 |
| SVLT | 15:21 | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 2015/01/22 9:53 | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:47 | | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/01/23 9:43 | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | - | 0 |
| SVLT | 12:45 15:26 | | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 12 | FALSE TRUE | FALSE | FALSE | FALSE FALSE | | 0 |
| SVLT | 19:10 | | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | • | 0 |
| SVLT | 16:21 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | Ó |
| SVLT | 17:44 2015/01/31 7:08 | | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | | 0 |
| SVLT | 2015/01/31 7:08 | | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE FALSE | 12 15 | TRUE FALSE | FALSE FALSE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| SVLT | 10:04 | | (49100) Combustion Fulbrile | FALSE | 11 | TRUF | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:05 | | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | | 0 |
| SVLT | 10:21 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | | 0 |
| SVLT | 17:54 2015/02/09 8:41 | | | TRUE FALSE | 14 11 | FALSE | TRUE | TRUE FALSE | FALSE FALSE | | 0 |
| SVLT | 12:31 | | | TRUE | 11 14 | FALSE | TRUE | TRUE | FALSE | | 0 |
| SVLT | 16:07 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | | 0 |
| SVLT | 21:43 | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/02/10 6:58 | | | FALSE TRUE | 11 | TRUE | FALSE | FALSE | FALSE | - | 0 |
| SVLT | 12:46 2015/02/11 8:47 | | | FALSE | 14 11 | FALSE TRUE | TRUE FALSE | FALSE | FALSE FALSE | | 0 |
| SVLT | 18:24 | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | | 0 |
| SVLT | 12:05 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:28 | | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | | 0 |
| SVLT | 11:24 17:04 | | | FALSE TRUE | 11 14 | TRUE FALSE | FALSE TRUE | FALSE | FALSE FALSE | | 0 |
| SVLT | 2015/02/20 8:55 | | (49243) Clutch | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | - | 0 |
| SVLT | 16:20 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | i | 0 |
| SVLT | 16:07 | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 20:12 2015/02/25 6:49 | | | TRUE FALSE | 14 11 | FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | - | 0 |
| SVLT | 12:55 | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | | 0 |
| SVLT | 2015/02/28 6:05 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2015/02/28 9:15 | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | - | 0 |
| SVLT | 16:58 20:09 | | | FALSE TRUE | 11 14 | TRUE | FALSE | FALSE | FALSE | | 0 |
| SVLT | 20:09 | | | FALSE | 14 11 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| SVLT | 2015/03/01 9:24 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 18:40 | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | | 0 |
| SVLT | 21:28 2015/03/02 5:58 | | | TRUE FALSE | 14 11 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | | 0 |
| SVLT | 10:35 | | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | | 0 |
| SVLT | 18:45 | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | - | 0 |
| SVLT | 21:41 | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/03/04 6:11 | 11-O : Operating | (5203) Transmission equipment beyond | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2015/03/04 7:15 | 2015/03/04 7:40 21 (1)-FO-1 : Forced Outage - Sudden | the transmission line | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/03/04 7:40 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | | 0 |
| SVLT | 13:41 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | | Ö |
| SVLT | 17:05 17:59 | | | FALSE TRUE | 11 | TRUE FALSE | FALSE | FALSE | FALSE FALSE | | 0 |
| SVLT | 20:16 | | | FALSE | 14 11 | TRUE | FALSE | FALSE | FALSE | | 0 |
| SVLT | 20:51 | 11 O . Operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | | 0 |
| | 2015/03/05 | 2015/03/05 | (49850) Synchronous Condenser | | | | | | | | |
| SVLT | 20:14 | | Equipment | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | | 0 |
| SVLT | 21:31 | | | FALSE | 14 11 | FALSE TRUE | TRUE FALSE | FALSE FALSE | FALSE FALSE | | 0 |
| SVLT | 2015/03/06 8:08 | 14-ABNO : Available but not operating | 1 | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | | 0 |
| SVLT | 2015/03/06 8:52 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:09 | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | | 0 |
| SVLT | 2015/03/07 4:03 2015/03/07 8:08 | | | FALSE TRUE | 11 14 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | | 0 |
| SVLT | 2015/03/07 6:08 | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | | 0 |
| | | | | | | | | | | - | |

| 1971 1972 1972 1973 | | | | | | | | | | | | | |
|---|-------|-----------------|-----------------|--|--|--------|----|-------|-------|--------|-------|---|-----|
| 1.00 | SVLT | 2015/03/12 8:56 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| Section 1982 1982 1985 | | | | | (49314) Fuel Supply System to Unit | | | | | | | 0 | 0 |
| 100.00 1 | | | | | | | | | | FALSE | | | 0 |
| 1967 | SVLT | 10:55 | 10:34 | 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| Section Sect | SVLT | 10:34 | | | | FALSE | 21 | | | | | 0 | 0 |
| STATE | | | | | , , | FALSE | | TRUE | | | | 0 | 0 |
| STATE PASSE PASS | | | 2015/05/28 9:41 | | (99999) Other | | | | | | | | o o |
| STATE 1975 | | | 2010/00/20 0.11 | | (GGGGG) GEIGI | | | TRUE | FALSE | | FALSE | | 0 |
| \$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2 | | | 2015/05/20 7:50 | 24 MO : Maintenance Outros | (00000) Other | | | | | | | | 0 |
| \$275 \$275 | | | 2013/03/29 7.30 | | (99999) Olifei | | | | | | | | |
| 17.20 1.1. | | | 47.00 | | (MARANA) Cul | | | | | | | | 0 |
| 15 15 15 15 15 15 15 15 | | | 17:30 | | (aaaaa) Otner | | | | | | | 0 | 0 |
| 1.05 | | | | | | | | | | | | 1 | 0 |
| 1.100 1.10 | | | 15:35 | | (49800) Generator | | | | | | | | 0 |
| SYLT | | | | | | | | | | | | | 0 |
| ## 1556977 20 #155697 (20) ## 155697 (20) Analysis before opering - Fare Draws (## 155697 (20) Analysis before opering - Fare Draws (## 155697 (20) Analysis before opering - Fare Draws (## 155697 (20) Analysis before opering - Fare Draws (## 155697 (20) Analysis before opering - Fare Draws (## 155697 (20) Analysis before opering - Fare Draws (## 155697 (20) Analysis before opering - Fare Draws (## 155697 (20) Analysis before opering - Fare Draws (## 155697 (20) Analysis before opering - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Scheduled - Fare Draws (## 155697 (20) Analysis before opering - Fare Draws (## 155697 (20) Analysis before opering - Fare Draws (## 155697 (20) Analysis before opering - Fare Draws (## 155697 (20) Ana | | | | | | | | | | | | | 0 |
| 20150017 720 2015 | SVLT | 12:35 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | TRUE | FALSE | 0 | 0 |
| SMIT 15.00 | | | | | (5201) Powerhouse substation (non- | | | | | | | | |
| SVT 17-30 | SVLT | 2015/06/17 7:20 | 16:50 | 25-PO : Planned Outage | Generating Unit Equipment) | FALSE | 25 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVT 17-30 | SVLT | 16:50 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49800) Generator | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| Section Sect | SVLT | 17:33 | | 11-O : Operating | | FALSE | | | FALSE | FALSE | FALSE | 0 | 0 |
| SYL | SVLT | 18:54 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | Ó |
| SVT 2000 14.4 NOV. Americans of the common 64900 Correction Tuthers TRUE 14 FALSE TRUE FALSE 1.0 | SVLT | 19:56 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| \$1500023.33 1700 24400 Management Colongs | SVLT | 20:00 | | | | TRUE | | | | | | | 0 |
| SYLT | | 2015/06/23 9:31 | 17:00 | | (49100) Combustion Turbine | | | | | FALSE | | | 0 |
| Section Sect | | | | | (10100) 001000000 | | | | | | | | 0 |
| \$\frac{1}{2} \text{Style=1}{2} \text{Style=1}{ | | | | | | | | | | | | | o o |
| SULT 10.22 | | | | | (49101) Combustion Turbine © Exhaust | | 17 | IALUE | ALUE | 1 ALGE | IALUL | | U |
| 15-ABMO (SS) - Analysis to not operating - Scheduled (effort) Combustion Turbure © Emissus FALSE TRUE FALSE | SVI T | | | | | EALSE | 16 | ENICE | EVICE | EALCE | EVICE | 0 | 0 |
| Section Part | OVLI | | | | | FALSE | 10 | FALSE | FALSE | FALSE | FALSE | U | U |
| 16-ABNO (1951) - Amino (1951) - Am | SVI T | | | | | TOLIC | 40 | EALOE | TDUE | EALOE | EALOE | | ^ |
| Emission FALSE FALSE FALSE O | SVLI | 22:15 | | | | IKUE | 16 | FALSE | IKUE | FALSE | FALSE | 1 | 0 |
| 2015/07/21 10-2015/07/22 | 0.00 | 00150301 | | | | E41.0= | | | | | | | |
| SVIT 19:25 Dermon "Emission Turbure DE Future FALSE TRUE FALSE TALE | SVLT | | | | | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| \$201507727 in \$201507722 \$6488ND (\$50) Available but not operating - \$54ndated Emission | | | | | | | | | | | | | |
| SVIT 1019 | SVLT | 18:25 | | | | TRUE | 16 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVIT | | | 2015/07/22 | 16-ABNO (SD) : Available but not operating - Scheduled | (49101) Combustion Turbine © Exhaust | | | | | | | | |
| SVIT 2015/07/28 6-56 11-01-Coperating FALSE | | | 17:23 | | Emission | | 16 | | | FALSE | | 0 | 0 |
| SVIT 1016 | SVLT | 17:23 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | SVLT | 2015/07/28 8:58 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | SVLT | 2015/07/28 9:55 | | | | FALSE | | | | | | 0 | 0 |
| SVIT 10-19 11-22 21 PF-0.1 Frozed Outages - Sustein 48911 Generator Bearings FALSE 74.5E 74.5E 74.5E 0 0 0 0 0 0 0 0 0 | SVLT | 10:18 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT 10.42 | SVLT | 10:19 | 11.28 | | (49811) Generator Rearings | FALSE | 21 | FALSE | FALSE | | FALSE | | ő |
| SVLT | | | 11.20 | | (10011) Conclude Dealings | | | | | | | | ō |
| SVLT 1126 12-O(FD) : Operating under Forced Dentated (4981) Generator Bearings FALSE 12 TRUE FALSE FALSE O SVLT 2010/07/24/00 10-Ambible but not operating - Forced Dentated (4981) Sharetor Bearings FALSE 74-AMBIBLE FALSE | | | | | | | | | | | | | 0 |
| SVLT 12:5 | | | | | (40911) Congretor Regrings | | | | | | | | 0 |
| SVLT 2010/08/12 842 2007 24-MO: Marintenance Outlage 489205 Building Fire Protection FALSE 24 FALSE FALSE FALSE 0 | | | | | | | | | | | | | 0 |
| SVLT 2007 | | | 00.07 | | | | | | TRUE | | | | 0 |
| SVLT 2008 12-0 (PD) Operating under Forced Dentated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE AND STATE FALSE TABLE TAB | | | 20:07 | | (49325) Building Fire Protection | | | | | | | | |
| SVLT 2100 15-ABNO (FD) Available but not operating FALSE FALSE TRUE FALSE O | | | | | (40400) 0 1 2 7 1 | | | | | | | | 0 |
| SVLT | | | | | | | | | | | | | 0 |
| SVLT 12-04 15-ABNO (PE) 1-Available but not operating - Forced Dentaled (49100) Combustion Turbine TRUE 12-DE TRUE FALSE TRUE FALSE SVLT 12-DE TRUE 12-DE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE | | | | | | | | | | | | | 0 |
| SVLT 12-54 12-0 (FD) : Operating under Forced Derivation (49100) Combustion Turbine FALSE 12 TRUE FALSE TRUE FALSE O SVLT 2015/00/319.00 11-0 : Operating (49100) Control and Instrumentation FALSE 11 TRUE FALSE FALSE FALSE O SVLT 10-12 14-ABNO : Available but not operating (49800) Electrical Distribution System FALSE 25 FALSE | | | | | | | | | | | | | 0 |
| SVLT 15.56 14-ABNO: Available but not operating FALSE 11 TRUE FALSE 50 | | | | | | | | | | | | | 0 |
| SVLT 2015/08/31 900 | | | | | (49100) Combustion Turbine | | 12 | | | | | 0 | 0 |
| SVLT 10:12 | SVLT | | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | SVLT | 2015/08/31 9:00 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT 10-42 16-32 SP-F0 - Planned Outage (49890) Electrical Distribution System FALSE 11 FALSE FALSE FALSE A | SVLT | 10:12 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT 16:43 | SVLT | 10:42 | 16:43 | 25-PO : Planned Outage | (49890) Electrical Distribution System | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT 16:58 14-ABNO; Available but not operating FALSE 14 FALSE FALSE FALSE O | SVLT | 16:43 | | 11-O : Operating | | FALSE | | | | | FALSE | 0 | 0 |
| SVLT 17:29 11-0 : Operating FALSE 11 TRUE FALSE FALSE FALSE 0 | SVLT | 16:58 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | SVLT | | | 11-O : Operating | | | 11 | | | | | Ó | ō |
| SVLT 15:40 11-0. Operating FALSE 11 TRUE FALSE FALSE 0 | SVLT | 17:50 | | | | FALSE | | | | | | | ō |
| SVLT | | | | | | | | | | | | | 0 |
| SVLT 18:35 11:00 24:MO: Maintenance Outage (49900) Controls and Instrumentation FALSE 11 TRUE FALSE FALSE 0 | | | | | | | | | | | | | 0 |
| SVLT 11:08 11:08 24:MOS Maintenance Outage (4990) Controls and Instrumentation FALSE 24 FALSE FALSE TRUE FALSE 0 | | | | 11-O : Operating | | | | | | | | | 0 |
| SVLT | | | 11:08 | 24-MO : Maintenance Outage | (49900) Controls and Instrumentation | | | | | | | | 0 |
| SVLT | | | 11.00 | | 1.2220) Common and monumentation | | | | | | | | 0 |
| SVLT 13:10 11-0 : Operating FALSE 11 TRUE FALSE FALSE 0 | | | | | | | | | | | | | 0 |
| SVLT 15:39 | | | | | | | | | | | | | 0 |
| SVLT 15:50 14-ABNO: Available but not operating FALSE 14 FALSE FALSE FALSE 0 | OVLI | | | 11-O . Operating | | | | | | | | | |
| SVLT | | | | | | | | | | | | | 0 |
| SVLT 17:01 11-0: Operating FALSE 11 TRUE FALSE FALSE 0 | | | | | | | | | | | | | 0 |
| SVLT 17:00 14-ABNO: Available but not operating FALSE 14 FALSE FALSE TRUE FALSE 0 | | | | 14-ABNO : Available but not operating | | | | | | | | | 0 |
| SVLT 10:22 11-0: Operating FALSE 11 TRUE FALSE FALSE 0 | | | | 11-O : Operating | | | | | | | | | 0 |
| SVLT 10:29 14-ABNO : Available but not operating FALSE 14 FALSE FALSE TRUE FALSE 0 | | | | | | | | | | | | | 0 |
| SVLT 17:31 11-0: Operating FALSE 11 TRUE FALSE FALSE 0 | | | | | | | | | | | | | 0 |
| SVLT 17:56 14-ABNO': Available but not operating TRUE 14 FALSE TRUE FALSE 0 | | | | | | | | | FALSE | | | | 0 |
| SVLT 22:11 17:30 21 (1)-PC1 : Forced Outage - Sudden (4990) Controls and Instrumentation FALSE 21 FALSE FALSE FALSE 0 | | | | 11-O : Operating | | | | | | | | | 0 |
| SVLT 17-30 11-0 : Operating FALSE 11 TRUE FALSE FALSE 0 | | | | | | | | | | | FALSE | 0 | 0 |
| SVLT 17:30 11-0: Operating FALSE 11 TRUE FALSE FALSE 0 | | | 17:30 | 21 (1)-FO-1 : Forced Outage - Sudden | (49900) Controls and Instrumentation | | 21 | | | | FALSE | 0 | 0 |
| SVLT 17-40 14-ABNO : Available but not operating TRUE 14 FALSE TRUE FALSE 0 | | | | 11-O : Operating | | | | TRUE | FALSE | FALSE | | 0 | 0 |
| SVLT 2015/11/17.40 11-0: Operating FALSE 11 TRUE FALSE FALSE 0 | | | | 14-ABNO : Available but not operating | | | | | TRUE | | | | ō |
| SVLT 10:50 14-ABNO: Available but not operating TRUE 14 FALSE TRUE TRUE FALSE 0 | | | | | | | | | | | | | ō |
| SVLT 12-49 111-0 : Operating FALSE 11 TRUE FALSE FALSE 12 TRUE FALSE 13 TRUE FALSE 14 FALSE FALSE 14 FALSE FALSE 15 TRUE FALSE 15 TRUE FALSE 16 TRUE FALSE 17 TRUE FALSE 17 TRUE FALSE 17 TRUE FALSE 18 TRUE FALSE TRUE TRUE FALSE TRUE TRUE FALSE 18 TRUE FALSE TRUE FALSE 18 TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE TRU | | | | | | | | | | | | | 0 |
| SVLT 19:25 14-ABNO: Available but not operating TRUE 14 FALSE TRUE TRUE FALSE 0 | | | | | | | | | | | | | 0 |
| SVLT 2015/11/19 7:10 11-O : Operating FALSE 11 TRUE FALSE FALSE O SVLT 17.48 14-ABNO : Available but not operating TRUE 14 FALSE TRUE TRUE FALSE TRUE FALSE TRUE FALSE FALSE O SVLT 2015/11/20 7:39 11-O : Operating FALSE 11 TRUE FALSE FALSE FALSE FALSE FALSE TRUE FALSE TRUE FALSE FALSE TRUE FALSE FALSE TRUE FALSE FALSE TRUE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE TRUE TRUE FALSE FALSE FALSE TRUE TRUE FALSE TRUE FALSE TRUE FALSE TRUE TRUE FALSE TRUE | | | | | | | | | | | | | 0 |
| SVLT 17.48 14-ABNO: Available but not operating TRUE 14 FALSE TRUE TRUE FALSE TRUE FALSE TRUE FALSE O SVLT 2015/11/20 7:39 111-O: Operating FALSE 11 TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE AV FALSE TRUE TRUE TALSE TRUE TRUE TALSE TALSE TALSE TALSE TALSE TALSE TALSE TALSE <td></td> <td>0</td> | | | | | | | | | | | | | 0 |
| SVLT 2015/11/207-39 11-0: Operating FALSE 11 TRUE FALSE FALSE FALSE 0 | | | | | | | | | | | | | 0 |
| SVLT 17:13 14-ABNO : Available but not operating FALSE 14 FALSE FALSE TRUE FALSE O SVLT 2015/11/21 8:13 14-47 24-MO: Maintenance Outage (49321) External Cooling Air System FALSE 24 FALSE | | | | 11 O : Operating | | | | | | | | | |
| SVLT 2015/11/21 8:13 14:47 24-M0 : Maintenance Outage (49321) External Cooling Air System FALSE 24 FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE TRUE 14 FALSE TRUE FALSE TRUE 14 FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE FALSE FALSE TRUE FALSE FALSE TRUE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE TRUE FALSE FALSE <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td></t<> | | | | | | | | | | | | | 0 |
| SVLT 14:47 14-ABNO : Available but not operating TRUE 14 FALSE TRUE FALSE 1 | | | | | (40004) Francisco III - 11 - 2 - 1 | | | | | | | | 0 |
| SVLT 14-/4/1 14-/4-00 (Available but not operating) TRUE 14 FALSE TRUE FALSE FALSE 1 SVLT 10:00 11-0 (Operating) FALSE 11 TRUE FALSE FALSE 0 | | | 14:47 | 24-MO: Maintenance Outage | (493∠1) External Cooling Air System | | | | | | | | 0 |
| SVLI 10:00 11-0: Operating FALSE 11 TRUE FALSE FALSE O | | | | 14-ABINO : Available but not operating | | | | | | | | | 0 |
| | SVLT | 10:00 | | 11-U : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |

PUB-NLH-636, Attachment 5 Page 3 of 9, Isl Int System Power Outages (Phase Two)

| SVLT | 14:40 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
|------|-------|--|-------------------|-------|----|-------|-------|-------|-------|---|---|
| SVLT | 10:42 | 12:04 21 (1)-FO-1 : Forced Outage - Sudden | (49800) Generator | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:04 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:57 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 16:22 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:39 | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 18:08 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:24 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |

PUB-NLH-636, Attachment 5 Page 4 of 9, Isl Int System Power Outages (Phase Two)

| | | | | | | | | | | | Prev Stat | | |
|------|------------------------------------|-------------|--------------------------|---|--|------------------------|-------------|--------------------|---------------------|----------------|----------------|-------------------------|---|
| | | | | | | | | | | Prev Stat | Already | | |
| HWDT | Start_Date 2015/01/01 6:11 | Finish_Date | 11-O : Ope | State Code | Outage Code | SynchCondense FALSE | State 11 | Operating? TRUE | Synch Cond FALSE | d' Operating? | S.C.? TRUF | Trans to SC? Starting I | Failure? |
| HWDT | 2015/01/01 8:18 | | 11-O : Ope | | | FALSE | 11 | TRUE | FALSE | TRUE | FALSE | 0 | 0 Number of transitions to S.C. 4 |
| HWDT | 19:15 | | 14-ABNO | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 Number of starting failures 1 |
| HWDT | 2015/01/03 6:15 | | 11-O : Ope | erating | | FALSE TRUE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/01/06 6:41 | | 14-ABNO 11-O : Ope | : Available but not operating | | FALSE | 14 11 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 Starting Failure Code 21 (4)-F0-4 : Forced Outage - Startin |
| HWDT | 20:38 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:32 | | 11-O : Ope | erating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 21:08 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/01/08 9:43 | | | 4 : Forced Outage - Starting Failure | (49314) Fuel Supply System to Unit (49294) Exhaust Hood/Doors | FALSE FALSE | 21 13 | FALSE TRUE | FALSE FALSE | FALSE FALSE | FALSE FALSE | 0 | 1 |
| HWDT | 10:59 | | 13-O (SD) | : Operating under Scheduled Derated | (49294) Exhaust Hood/Doors | FALSE | 13 | TRUE | FALSE | TRUE | FALSE | 0 | 0 |
| | 2015/01/08 | | | (SD) : Available but not operating - Scheduled | | TALOE | | INOL | IALUL | INOL | IALOL | 0 | · |
| HWDT | 13:39 | | Derated | | (49294) Exhaust Hood/Doors | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:15 | 16:55 | 13-O (SD) | : Operating under Scheduled Derated | (49294) Exhaust Hood/Doors | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:55 20:57 | | 11-O : Ope | erating : Available but not operating | | FALSE TRUE | 11 14 | TRUE FALSE | FALSE TRUE | TRUE TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 2015/01/09 6:23 | | 11-O : Ope | erating | | FALSE | 14 | TRUF | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 11:01 | | 14-ABNO | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | ō | 0 |
| HWDT | 16:49 | | 11-O : Ope | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 19:15 2015/01/12 8:07 | | 14-ABNO | : Available but not operating | | TRUE FALSE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:00 | | 11-O : Ope | erating : Available but not operating | | TRUE | 11 14 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 15:33 | | 11-O : Ope | erating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:04 | | 14-ABNO | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/01/14 6:49 | | 11-O : Ope | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 10:45 16:05 | | 14-ABNO 11-O : Ope | : Available but not operating | | TRUE FALSE | 14 11 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 16:05 | | 14-ABNO | erating : Available but not operating | | TRUE | 11 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:14 | | 11-O : Ope | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:38 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/01/22 9:29 | | 11-O : Ope | erating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:54 2015/01/23 9:45 | | 14-ABNO 11-O : Ope | : Available but not operating | | TRUE FALSE | 14 11 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 12:52 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:12 | | 11-O : Ope | erating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | Ō | 0 |
| HWDT | 21:17 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/02/04 6:55 2015/02/04 8:09 | | 11-O : Ope | | | FALSE TRUE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/02/04 8:09 | | 11-O : Ope | : Available but not operating | | FALSE | 14 11 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 2015/02/05 9:08 | | 14-ABNO | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:21 | | 11-O : Ope | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:47 2015/02/09 6:31 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 2015/02/09 6:31 | | 11-O : Ope | erating : Available but not operating | | FALSE TRUE | 11 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:53 | | 11-O : Ope | erating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:56 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | Ō | 0 |
| HWDT | 2015/02/10 6:55 | | 11-O : Ope | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:35 2015/02/11 8:32 | | 14-ABNO 11-O : Ope | : Available but not operating | | TRUE FALSE | 14 11 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 18:28 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/02/12 6:47 | | 11-O : Ope | erating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | Ō | 0 |
| HWDT | 18:54 | | | : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 11:19 17:08 | | 11-O : Ope | erating : Available but not operating | | FALSE TRUE | 11 14 | TRUE FALSE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 11:38 | | 11-O : Ope | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 15:42 | | 14-ABNO | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | Ō | 0 |
| HWDT | 10:23 | | 11-O : Ope | erating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:02 | | | : Available but not operating | (10100) 0 1 1 7 1 | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:55 16:50 | | 21 (1)-FO- 11-O : Ope | 1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE FALSE | 21 11 | FALSE TRUE | FALSE FALSE | FALSE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 20:15 | | 14-ABNO | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/02/25 6:36 | | 11-O : Ope | erating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/02/25 8:39 | | | : Available but not operating | (10000) 0 | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 22:57 2015/02/27 0:16 | | | 1 : Forced Outage - Sudden : Available but not operating | (49800) Generator | FALSE TRUE | 21 14 | FALSE FALSE | FALSE | FALSE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 2015/02/27 1:13 | | | 1 : Forced Outage - Sudden | (49800) Generator | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:18 | | 14-ABNO | : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | ō | 0 |
| HWDT | 2015/02/28 5:47 | | 13-O (SD) | : Operating under Scheduled Derated | (49100) Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/02/28 6:48 2015/02/28 9:42 | | 11-O : Ope | | | FALSE | 11 | TRUE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:28 | | | : Available but not operating : Operating under Scheduled Derated | (49100) Combustion Turbine | FALSE | 14 13 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 23:14 | | 14-ABNO | : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | ő | 0 |
| HWDT | 2015/03/01 6:25 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:18 16:35 | | | (FD) : Available but not operating - Forced Derated | | TRUE FALSE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:35 | | | : Operating under Forced Derated (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine (49314) Fuel Supply System to Unit | FALSE | 12 15 | TRUE FALSE | FALSE FALSE | FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 15:08 | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 23:11 | | 15-ABNO | (FD): Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | ō | 0 |
| HWDT | 2015/03/04 6:11 | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | | | | 1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE FALSE | 21 | FALSE | FALSE FALSE | TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 2015/03/04 9:27 | | | : Operating under Forced Derated (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit (49314) Fuel Supply System to Unit | TRUE | 12 15 | TRUE FALSE | TRUE | FALSE TRUE | FALSE | 0 | 0 |
| HWDT | 10:21 | 11:25 | 21 (1)-FO- | 1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:25 | | 12-O (FD) | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:32 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/03/06 4:10 | | 12-U (FD) | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |

| HWDT | 13:58 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
|-------|-----------------|-----------------|------------|---|--|----------------|----------|---------------|----------------|----------------|----------------|-----|---|
| HWDT | 2015/03/07 8:50 | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 19:07 | | | (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/03/08 7:38 | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/03/08 8:33 | | | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:00 | | | | | FALSE | | | | | | | |
| | | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:51 | | | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/03/10 7:49 | | 12-O (FD) | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/03/10 8:46 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:07 | | 12-O (FD) | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:53 | | | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | ō | ō |
| HWDT | 2015/03/12 6:04 | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ő | Ö |
| HWDT | 11:57 | | | (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | 17:01 | | | | | | 10 | | | | | | |
| HWDT | | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 21:26 | | | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/03/13 3:25 | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:17 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:49 | | 12-O (FD) | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:38 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/03/14 6:38 | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 2015/03/14 9:27 | | | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/03/16 9:21 | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | | 0 |
| | | | | | | | | | | | | 0 | |
| HWDT | 13:20 | | | (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:51 | | | anned Outage | (49800) Generator | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:29 | | 12-O (FD) | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:34 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | 2015/03/25 | 2015/03/25 | | | (49850) Synchronous Condenser | | | | | | | | |
| HWDT | 15:12 | 15:58 | 21 (1)-FO- | 1 : Forced Outage - Sudden | Equipment | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:58 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:03 | | | (FD) : Available but not operating - Forced Derated | | TRUE | | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | | | | | | | 15 | | | | | | |
| | 2015/04/02 6:36 | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/04/02 8:13 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/04/16 7:24 | | 12-O (FD) | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:49 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:29 | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:19 | | | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/04/21 7:11 | | | | | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | | | | | | | | |
| HWDT | 2015/04/21 8:41 | | | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/04/22 7:31 | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/04/22 8:45 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/04/28 7:58 | | 12-O (FD) | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/04/28 8:46 | | | 1 : Forced Outage - Sudden | (49294) Exhaust Hood/Doors | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:36 | 10.00 | 15-ARNO | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | Ö |
| HWDT | 16:41 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | | TRUE | | FALSE | FALSE | 0 | 0 |
| | | | | | | | 12 | | FALSE | | | | |
| HWDT | 18:07 | | | (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 20:59 | | 12-O (FD) | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 21:45 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | | 2015/07/28 | | | (49950) Fuel Management Controls and | | | | | | | | |
| HWDT | 2015/05/29 8:24 | 18:42 | 25-PO: PI | anned Outage | Instrumentation | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:42 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | o o | ō |
| HWDT | 19:13 | | | | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | 2015/07/29 | | | | (40100) Combustion Fulbric | moz | 15 | IALOL | INOL | INOL | IALOL | · · | U |
| LUMBE | | 2013/07/30 | TO-ABINO | (SD) : Available but not operating - Scheduled | (40400) O I II T II | E41.0E | | | | | | | _ |
| HWDT | 15:30 | | Derated | | (49100) Combustion Turbine | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/07/30 | | | (SD) : Available but not operating - Scheduled | | | | | | | | | |
| HWDT | 17:17 | | Derated | | (49314) Fuel Supply System to Unit | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:00 | | 12-O (FD) | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:30 | | | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:16 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:02 | | | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | ō | ō |
| HWDT | 17:00 | | | : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:09 | | | | | TRUE | | | | | | | |
| | | | | (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 19:20 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 22:27 | | | (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:00 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:52 | | | : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:56 | | | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 18:03 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 23:01 | | | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 11:43 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| HWDT | | | | | | FALSE | | | | | | | |
| | 13:01 | | | 1 : Forced Outage - Sudden | (49811) Generator Bearings | | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 20:35 | | 12-O (FD) | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:43 | | | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/08/12 8:42 | | 12-O (FD) | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/08/12 9:53 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 11:08 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 13:31 | | 15-ARNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 20:06 | | | | (49100) Combustion Turbine | FALSE | | TRUE | | FALSE | FALSE FALSE | 0 | 0 |
| | | | | : Operating under Forced Derated | | | 12 | | FALSE | | . , , , , | | U |
| HWDT | 22:31 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | | 2015/09/13 | | | (5201) Powerhouse substation (non- | | | | | | | | |
| HWDT | 2015/09/13 9:57 | 12:12 | 24-MO : M | aintenance Outage | Generating Unit Equipment) | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:12 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/09/15 9:56 | | | : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 11:15 | | | (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/00/27 8:49 | 2015/00/27 0-24 | 21 (4)-EO | 4 : Forced Outage - Starting Failure | (49243) Clutch | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 1 |
| HWDT | | | | | | FALSE | | | | | | | |
| | 2015/09/27 9:24 | | | : Operating under Forced Derated | (49100) Combustion Turbine | | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:51 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | 2015/10/05 | 2015/10/09 | | | (5201) Powerhouse substation (non- | | | | | | | | |
| HWDT | 11:24 | 11:38 | 25-PO: PI | anned Outage | Generating Unit Equipment) | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | | | | | | | | | | | |
| HWDT | 11:38 | | 15-ABNO | (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | | FALSE | | FALSE | | | 0 |
| HWDT | 11:38 16:08 | | | (FD) : Available but not operating - Forced Derated : Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE FALSE | 15 12 | FALSE TRUE | FALSE FALSE | FALSE FALSE | FALSE FALSE | 0 | 0 |

| HWDT | 16:24 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) | Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
|--------|-----------------|------------|---|---------|-----------------------------|--------|----|--------|--------|-------|----------------|---|-----|
| HWDT | 15:06 | | 12-O (FD): Operating under Forced Derated | (49100) | Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:08 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) | Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 20:00 | | 21 (1)-FO-1 : Forced Outage - Sudden | | Exhaust Hood/Doors | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 11:00 | 11.00 | 15-ABNO (FD) : Available but not operating - Forced Derated | | Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| TIVVDT | 11.00 | 2015/10/23 | 13-ABNO (1 b) . Available but not operating - 1 orded belated | | | TALOL | 15 | FALSE | FALSE | FALSE | FALSE | U | U |
| LUMBE | 2015/10/23 7:52 | | 05 DO DI 10 1 | | Powerhouse substation (non- | E41.0E | | | | | | | _ |
| HWDT | | | 25-PO : Planned Outage | | ting Unit Equipment) | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:27 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) | Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| | 2015/11/01 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| HWDT | 17:36 | | 13-O (SD): Operating under Scheduled Derated | (49100) | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/11/01 | | 16-ABNO (SD): Available but not operating - Scheduled | | | | | | | | | | |
| HWDT | 18:24 | | Derated | (49100) | Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:29 | | 13-O (SD): Operating under Scheduled Derated | (49100) | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/11/02 | | 16-ABNO (SD) : Available but not operating - Scheduled | 1 | | | | | | | | | |
| HWDT | 18:58 | | Derated | (49100) | Combustion Turbine | FALSE | 16 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:47 | | 13-O (SD) : Operating under Scheduled Derated | | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| 114401 | | | | (43100) | Combustion Furbine | TALOL | 13 | INUE | FALSE | FALSE | FALSE | U | U |
| LULIDE | 2015/11/03 | | 16-ABNO (SD) : Available but not operating - Scheduled | /404001 | | E41.0E | | | | | | | |
| HWDT | 11:07 | | Derated | | Combustion Turbine | FALSE | 16 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 19:32 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49243) | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:07 | | 12-O (FD): Operating under Forced Derated | (49243) | | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 23:01 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49243) | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:27 | | 13-O (SD): Operating under Scheduled Derated | (49100) | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/11/04 | | 16-ABNO (SD): Available but not operating - Scheduled | | | | | | | | | | |
| HWDT | 13:38 | | Derated | (49100) | Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:12 | | 13-O (SD) : Operating under Scheduled Derated | | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| 110001 | 2015/11/04 | | 16-ABNO (SD): Available but not operating - Scheduled | (43100) | Combastion raibine | TALOL | 13 | INUE | FALSE | FALSE | FALSE | U | U |
| HWDT | 18:23 | | Derated (SD): Available but not operating - Scheduled | (40400) | Combustion Turbin | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | | | | | Combustion Turbine | | | | | | | | |
| HWDT | 16:00 | | 13-O (SD) : Operating under Scheduled Derated | (49100) | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/11/05 | | 16-ABNO (SD) : Available but not operating - Scheduled | | | | | | | | | | |
| HWDT | 18:50 | | Derated | | Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/11/11 7:26 | | 13-O (SD): Operating under Scheduled Derated | (49100) | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/11/11 | | 16-ABNO (SD) : Available but not operating - Scheduled | Τ΄ | | | | | | | | | |
| HWDT | 12:01 | | Derated | (49100) | Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:50 | | 13-O (SD) : Operating under Scheduled Derated | | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | ō | o o |
| 114401 | 2015/11/17 | | 16-ABNO (SD) : Available but not operating - Scheduled | (43100) | Combastion raibine | TALOL | 13 | INUE | FALSE | FALSE | FALSE | U | U |
| LULIDE | | | Derated | /404001 | | TO.15 | 40 | E11.0E | TOUE | TOUT | E41.0E | | 0 |
| HWDT | 18:26 | | | | Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 16:00 | | 13-O (SD): Operating under Scheduled Derated | (49100) | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/11/18 | | 16-ABNO (SD) : Available but not operating - Scheduled | | | | | | | | | | |
| HWDT | 21:57 | | Derated | (49100) | Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/11/19 8:54 | | 13-O (SD): Operating under Scheduled Derated | (49100) | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/11/19 | | 16-ABNO (SD) : Available but not operating - Scheduled | | | | | | | | | | |
| HWDT | 10:24 | | Derated | (49100) | Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/11/20 7:23 | | 13-O (SD) : Operating under Scheduled Derated | | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDI | 2013/11/20 7.23 | | | (49100) | Combustion ruibine | FALOE | 13 | IRUE | FALSE | FALSE | FALSE | U | U |
| HWDT | 2045/44/20 0-54 | | 16-ABNO (SD) : Available but not operating - Scheduled Derated | (40400) | Combination Tradition | FALSE | 40 | E41.0E | E41.0E | TOUE | E41.0E | | |
| | 2015/11/20 9:54 | | | | Combustion Turbine | | 16 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:29 | | 13-O (SD): Operating under Scheduled Derated | (49100) | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/11/20 | | 16-ABNO (SD) : Available but not operating - Scheduled | | | | | | | | | | |
| HWDT | 17:39 | | Derated | (49100) | Combustion Turbine | FALSE | 16 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 11:23 | 17:31 | 24-MO : Maintenance Outage | (49100) | Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:31 | | 13-O (SD) : Operating under Scheduled Derated | | Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| | 2015/11/23 | | 16-ABNO (SD) : Available but not operating - Scheduled | (10100) | | | | 11102 | | | TALOL | • | |
| HWDT | 17:36 | | Derated | (40100) | Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | | | | | | | 24 | FALSE | FALSE | FALSE | FALSE | | 0 |
| HWDT | 2015/11/24 5:00 | | 24-MO : Maintenance Outage | (49800) | Generator | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/11/24 | | 16-ABNO (SD): Available but not operating - Scheduled | | | | | | | | | | |
| HWDT | 15:00 | | Derated | | Combustion Turbine | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 10:30 | 14:45 | 24-MO : Maintenance Outage | (49319) | Cooling Water System | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:29 | | 11-O : Operating | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:44 | | 14-ABNO : Available but not operating | | | TRUF | 14 | FALSE | TRUE | TRUE | FALSE | ń | 0 |
| HWDT | 13:57 | | 11-O : Operating | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 19:04 | | 14-ABNO : Available but not operating | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:23 | | 11-O : Operating | - | | FALSE | 14 | TRUF | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:23 21:04 | | | - | | TRUF | | | | | | | |
| | | | 14-ABNO : Available but not operating | 1 | | | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/12/01 7:28 | | 11-O : Operating | 1 | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/12/01 8:18 | | 14-ABNO : Available but not operating | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | 2015/12/02 | | 16-ABNO (SD) : Available but not operating - Scheduled | | | | | | | | | | |
| HWDT | 11:35 | | Derated | (49100) | Combustion Turbine | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:18 | | 14-ABNO : Available but not operating | | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:30 | | 11-O : Operating | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 17:15 | | 14-ABNO : Available but not operating | | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | ō | ō |
| | | | 16-ABNO (SD) : Available but not operating - Scheduled | 1 | | | | | ., | | | • | |
| HWDT | 2015/12/03 9:15 | | Derated (SD): Available but not operating - Scheduled | (40400) | Combustion Turbine | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | | | | (49100) | Compusion rufbine | TRUE | | | | | | | |
| | 13:00 | | 14-ABNO : Available but not operating | | | | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 16:39 | | 11-O : Operating | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:16 | | 14-ABNO : Available but not operating | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 12:07 | | 14-ABNO : Available but not operating | | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:46 | | 11-O : Operating | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:11 | | 14-ABNO : Available but not operating | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | ō | ō |
| HWDT | 15:55 | | 11-O : Operating | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:39 | | 14-ABNO : Available but not operating | 1 | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/12/10 7:13 | | 11-O : Operating | 1 | | FALSE | 14 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | | 1 | | | | | | | | | |
| HWDT | 2015/12/10 8:21 | | 14-ABNO : Available but not operating | _ | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:35 | | 11-O : Operating | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:20 | | 14-ABNO : Available but not operating | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:35 | | 11-O : Operating | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:39 | | 14-ABNO : Available but not operating | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | ō | ō |
| HWDT | 16:12 | | 11-O : Operating | | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | ő | ő |
| HWDT | 18:05 | | 14-ABNO : Available but not operating | 1 | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:15 | | 11-O : Operating | 1 | | FALSE | 14 | TRUE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| | | | | - | | | | | | | | | - |
| HWDT | 17:50 | | 14-ABNO : Available but not operating | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |

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| HWDT | 10:40 | 11-O : Operating | FALSE | | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
|------|-----------------|---------------------------------------|-------|----|-------|-------|-------|-------|---|---|
| HWDT | 14:49 | 14-ABNO : Available but not operating | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/12/29 8:17 | 11-O : Operating | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 21:15 | 14-ABNO : Available but not operating | TRUE | | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:35 | 11-O : Operating | FALSE | | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:55 | 14-ABNO : Available but not operating | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/12/31 6:48 | 11-O : Operating | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:58 | 14-ABNO : Available but not operating | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:07 | 11-O : Operating | FALSE | | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:45 | 14-ABNO : Available but not operating | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |

2015 Gas Turbine UFOP Calulations - External Causes Included

Hardwoods GT - Statistics

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|----------------|-------------|---------------------|-----------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | | |
| 11 | 240.65 | | State 11+12+13 | 312.41 |
| 12 | 129.05 | 58.06 | State 14+15+16 | 3606.78 |
| 13 | 40.52 | 13.7 | State 21+22+23 | 51.5 |
| 14 | 1970.4 | 0 | Number of FO | 11 |
| 15 | 4155.57 | 1491.4 | | |
| 16 | 545.2 | 144.98 | Number of Starts | 107 |
| 21 | 51.5 | | No. of Start Fail. | 1 |
| 22 | 0 | | No. trans. to SC | 4 |
| 23 | 0 | | Attempted Starts | 112 |
| 24 | 67.37 | | | |
| 25 | 1559.75 | | r | 4.6818182 |
| 30 | 0 | | D | 2.8145045 |
| | | | Т | 32.203393 |
| TOTAL | 8760.0 | 1708.1 | | |
| | | | Demand Factor | 0.4077773 |
| Number of | Forced Outages | 11 | UFOP | 6.30% |
| Number of | Unit Starts | 107 | | <u>.</u> |

2015 Gas Turbine UFOP Calulations - External Causes Included

Stephenville GT - Statistics

| State | Y-T-D | | <u>Calculations</u> |
|-------------|----------------|-------------|-------------------------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | |
| 11 | 147.67 | | State 11+12+13 191.8 |
| 12 | 88.45 | 44.13 | State 14+15+16 4825.76 |
| 13 | 0.00 | 0 | State 21+22+23 652.27 |
| 14 | 3978.45 | | Number of FO 8 |
| 15 | 1605.02 | 819.85 | |
| 16 | 54.92 | 27.46 | Number of Starts 70 |
| 21 | 652.27 | | No. of Start Fail. |
| 22 | 0.00 | | No. trans. to SC 15 |
| 23 | 0.00 | | Attempted Starts 85 |
| 24 | 578.30 | | |
| 25 | 1654.93 | | r 81.53375 |
| 30 | 0.00 | | D 2.2564706 |
| | | | T 56.773647 |
| TOTAL | 8760.01 | 891.44 | |
| | | | Demand Factor 0.0631619 |
| Number of | Forced Outages | 8 | UFOP 17.68% |
| Number of | Unit Starts | 70 | |

NLH HWD/SVL Units - External Causes Included

| State 11+12+13 State 14+15+16 State 21+22+23 Number of FO | 504.21 8,432.54 703.77 19.00 | |
|--|---------------------------------------|--|
| Number of Starts No. of Start Fail. No. trans. to SC Attempted Starts | 177 1 19 197 | |
| r D T | 37.0405263 2.5725 42.80 | |
| Demand Factor UFOP | 0.11469122 13.80% | |

Hardwoods GT - Statistics

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|----------------|-------------|---------------------|-----------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | | |
| 11 | 240.65 | | State 11+12+13 | 410.22 |
| 12 | 129.05 | 58.06 | State 14+15+16 | 3606.78 |
| 13 | 40.52 | 13.7 | State 21+22+23 | 51.5 |
| 14 | 1970.4 | 0 | Number of FO | 11 |
| 15 | 4155.57 | 1491.4 | | |
| 16 | 545.2 | 144.98 | Number of Starts | 107 |
| 21 | 51.5 | | No. of Start Fail. | 1 |
| 22 | 0 | | No. trans. to SC | 4 |
| 23 | 0 | | Attempted Starts | 112 |
| 24 | 65.12 | | | |
| 25 | 1452.93 | | r | 4.6818182 |
| 30 | 0 | | D | 3.6956757 |
| | | | Т | 32.203393 |
| TOTAL | 8650.94 | 1708.14 | | |
| | | | Demand Factor | 0.4748252 |
| Number of | Forced Outage: | 11 | UFOP | 5.63% |
| Number of | Unit Starts | 107 | - | |

ulations - External Causes Excluded

Stephenville GT - Statistics

| State | Y-T-D | |
|-------------|----------------|-------------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours |
| 11 | 147.67 | |
| 12 | 88.45 | 44.13 |
| 13 | 0.00 | 0 |
| 14 | 3978.45 | |
| 15 | 1605.02 | 819.85 |
| 16 | 54.92 | 27.46 |
| 21 | 651.85 | |
| 22 | 0.00 | |
| 23 | 0.00 | |
| 24 | 530.17 | |
| 25 | 1645.43 | |
| 30 | 0.00 | |
| TOTAL | 8701.96 | 891.44 |
| Number of | Forced Outages | 7 |
| Number of | Unit Starts | 70 |

| <u>Calculations</u> | |
|---------------------|-----------|
| State 11+12+13 | 236.12 |
| State 14+15+16 | 5638.39 |
| State 21+22+23 | 651.85 |
| Number of FO | 7 |
| Number of Starts | 70 |
| No. of Start Fail. | 0 |
| No. trans. to SC | 15 |
| Attempted Starts | 85 |
| r | 93.121429 |
| D | 2.7778824 |
| Т | 66.334 |
| Demand Factor | 0.06691 |
| UFOP | 15.59% |

NLH HWD/SVL Units - External Causes Excluded

| State 11+12+13 | 646.34 | |
|--------------------|-----------|--|
| State 14+15+16 | 9,245.17 | |
| State 21+22+23 | 703.35 | |
| Number of FO | 18.00 | |
| | | |
| Number of Starts | 177 | |
| No. of Start Fail. | 1 | |
| No. trans. to SC | 19 | |
| Attempted Starts | 197 | |
| Allempied Starts | 197 | |
| | 39.075 | |
| r | | |
| D | 3.2976531 | |
| T | 46.93 | |
| | | |
| Demand Factor | 0.1339447 | |
| UFOP | 12.72% | |
| | | |

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| | | | | | | | | | Prev Stat | Prev Stat Already | | | |
|------|--------------------------|-----------------|--|--|----------------|----------|----------------|----------------|----------------|----------------------|------------------------------|---|--|
| Unit | Start_Date | Finish_Date | State Code | Outage Code | SynchCondense | State | Operating? | Synch Cond | | S.C.? | Trans to SC? Starting Failur | e? | |
| HWDT | 12:01 12:16 | 10:05 | 15-ABNO (FD): Available but not operating - Forced Derated 21 (2)-FO-2: Forced Outage - Immediately Deferrable | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 21 | FALSE FALSE | TRUE FALSE | FALSE | TRUE FALSE | 0 0 | Number of transitions | |
| HWDT | 12:26 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | | Number of transitions Number of starting fai | |
| HWDT | 2011/01/05 7:04 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 20:45 | | 12-O (FD) : Operating under Forced Derated 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 0 | Starting Failure Code | 21 (4)-FO-4 : Forced Outage - Starting Failure |
| HWDT | 2011/01/10 9:34 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | Starting Failure Code | 21 (4)-FO-4 . Forced Outage - Starting Failure |
| HWDT | 14:42 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 14:43 20:45 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE FALSE | 15 15 | FALSE FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 0 | | |
| HWDT | 20:26 | | 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 2011/01/27 8:17 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| HWDT | 16:16 2011/01/31 7:35 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE TRUE | 15 15 | FALSE FALSE | FALSE | FALSE | FALSE FALSE | 0 0 | | |
| HWDT | 10:02 | | 12-O (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 10:40 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 | | |
| HWDT | 2011/01/31 | 2011/02/01 | 21 (4)-FO-4 : Forced Outage - Starting Failure | (49950) Fuel Management Controls and Instrumentation | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 1 | | |
| HWDT | 14:02 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 14:44 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 | | |
| HWDT | 13:12 13:20 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE TRUE | 12 15 | TRUE | FALSE | FALSE | FALSE FALSE | 0 0 | | |
| HWDT | 16:39 | | 12-O (FD): Available but not operating - Forced Defated | (49100) Combustion Turbine | FALSE | 12 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE | 0 0 | | |
| HWDT | 17:20 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 | | |
| HWDT | 2011/02/22 7:49 | 2011/02/22 | 25-PO : Planned Outage | (64210) Supervisory Control & Data Acquisition (SCADA) | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 16:05 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 16:21 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 | | |
| HWDT | 2011/02/23 7:33 | | 24-MO : Maintenance Outage 12-O (FD) : Operating under Forced Derated | (49900) Controls and Instrumentation (49100) Combustion Turbine | FALSE FALSE | 24 12 | FALSE TRUE | FALSE FALSE | FALSE FALSE | FALSE FALSE | 0 0 | | |
| HWDT | 16:38 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 | | |
| HWDT | 2011/02/25 9:08 | 13:16 | 25-PO : Planned Outage | (49900) Controls and Instrumentation | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 13:16 2011/03/01 8:21 | | 15-ABNO (FD) : Available but not operating - Forced Derated 25-PO : Planned Outage | (49100) Combustion Turbine (49900) Controls and Instrumentation | TRUE FALSE | 15 25 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 0 | | |
| HWDT | 2011/03/01 8:21 | | | (49100) Combustion Turbine | FALSE | 25 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 10:43 | 12:56 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 12:56 2011/03/07 9:23 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE TRUE | 15 15 | FALSE | TRUE | TRUE | FALSE FALSE | 0 0 | | |
| HWDT | 15:39 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE | 15 15 | FALSE FALSE | TRUE | FALSE FALSE | FALSE FALSE | 1 0 | | |
| HWDT | 2011/03/08 8:23 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| HWDT | 15:43 2011/03/23 7:54 | | 15-ABNO (FD) : Available but not operating - Forced Derated 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE FALSE | 15 15 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 0 | | |
| HWDT | 2011/03/23 7:34 | 13:17 | 25-PO : Planned Outage | (99999) Other | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 13:17 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| HWDT | 2011/04/14 8:55 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 0 | | |
| HWDT | 11:30 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 12:05 16:24 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE FALSE | 15 15 | FALSE FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 0 | | |
| HWDT | 10:40 | | 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| HWDT | 20:51 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 10:25 19:04 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE FALSE | 15 15 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 0 | | |
| HWDT | 2011/04/27 8:34 | | 15-ABNO (FD): Available but not operating - Forced Denated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| HWDT | 19:50 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 2011/05/09 9:13 23:05 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE FALSE | 15 15 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 0 | | |
| HWDT | 17:38 | | 15-ABNO (FD): Available but not operating - Forced Denated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| HWDT | 20:12 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 2011/05/24 9:19 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 15 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 0 | | |
| HWDT | 2011/05/25 7:12 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |
| HWDT | 12:19 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 10:17 10:55 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE FALSE | 12 15 | TRUE FALSE | FALSE FALSE | FALSE | FALSE FALSE | 0 0 | | |
| HWDT | 11:42 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 12:18 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 0 | | |
| HWDT | 13:27 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE | 15 15 | FALSE FALSE | FALSE | FALSE FALSE | FALSE FALSE | 0 0 | | |
| HWDT | 13:44 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 13:46 | | | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 | | |
| HWDT | 13:58 14:00 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 0 | | |
| HWDT | 14:04 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 12:02 20:36 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE FALSE | 15 | FALSE FALSE | TRUE | FALSE | FALSE FALSE | 1 0 | | |
| HWDT | 20:36 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE | 15 15 | FALSE FALSE | FALSE TRUE | FALSE FALSE | FALSE FALSE | 0 0 | | |
| HWDT | 11:25 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 22:14 | | 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 0 | | |
| HWDT | 13:53 14:04 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 0 | | |
| HWDT | 14:17 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 14:25 14:30 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE | TRUE | FALSE | 0 0 | | |
| HWDT | 14:30 2011/06/22 1:27 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 15 | FALSE FALSE | FALSE TRUE | FALSE FALSE | FALSE FALSE | 0 0 | | |
| HWDT | 2011/06/22 1:40 | 2011/06/22 2:59 | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 0 | | |
| HWDT | 2011/06/22 2:59 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 0 | | |

| HWDT | 2011/06/22 6:35 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
|------|-----------------|--------|---|--|-------|----------|-------|-------|-------|----------------|-----|---|
| HWDT | 13:23 | | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 13:32 | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | Ö | ō |
| HWDT | 2011/08/22 5:58 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 4 | 0 |
| HWDT | 22:59 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | | FALSE | | FALSE | FALSE | | 0 |
| | | | | | | 15 | | FALSE | | | 0 | |
| HWDT | 11:36 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:41 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:18 | | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:55 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:01 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:33 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:09 | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2011/09/27 8:03 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 4 | 0 |
| | | | | | | | | | | | 1 | |
| HWDT | 19:23 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 21:02 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 22:28 | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/09/29 7:35 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 22:43 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/10/05 7:38 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 17:12 | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | ō |
| HWDT | 10:07 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | ő |
| HWDT | 10:08 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | | FALSE | | FALSE | FALSE | Ö | 0 |
| | | | | | FALSE | 21 | | FALSE | | | | |
| HWDT | 10:17 | | | (49100) Combustion Turbine | | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 10:20 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:31 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:10 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:01 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 19:15 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUF | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 10:58 | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | Ó | ō |
| HWDT | 16:59 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 4 | 0 |
| HWDT | 22:33 | | | (49100) Combustion Turbine | FALSE | | FALSE | | FALSE | FALSE | | - |
| | | | | | | 15 | | FALSE | | | 0 | 0 |
| HWDT | 2011/10/21 9:11 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 18:41 | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/10/22 7:53 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 16:28 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/10/25 8:19 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 2011/10/25 9:38 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | ő |
| HWDT | 16:41 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | | | | | FALSE | | | | | | - | - |
| | 18:17 | | | (49100) Combustion Turbine | | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:15 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 19:06 | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/10/27 7:35 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 18:00 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 22:35 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2011/10/28 7:50 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | ō |
| HWDT | 21:50 | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | ò | ő |
| HWDT | 2011/10/29 9:14 | | | (49100) Combustion Turbine | TRUE | | FALSE | TRUE | FALSE | FALSE | 4 | 0 |
| | | | | | | 15 | | | | | | |
| HWDT | 20:54 | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/10/30 8:53 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 21:48 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/10/31 7:13 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 22:01 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/11/03 0:30 | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2011/11/03 7:18 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2011/11/07 7:30 | 17:00 | | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:08 | | | | TRUE | | | | | | U . | |
| | | | | (49100) Combustion Turbine | IIIOL | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2011/11/14 7:30 | | 25-PO : Planned Outage | (49100) Combustion Turbine | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:10 | | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:43 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:49 | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:49 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:24 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | ō | ō |
| HWDT | 13:49 | | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 14:01 | | | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:17 | 1-7.17 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:32 | | | | TRUE | 12 15 | FALSE | TRUE | TRUE | FALSE | - | |
| | | | | (49100) Combustion Turbine | | | | | | | 0 | 0 |
| HWDT | 22:28 | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 22:42 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 17:14 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2012/01/11 8:42 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 11:22 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | Ó | ō |
| HWDT | 11:48 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | Ö | 0 |
| HWDT | 14:26 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:57 | | | (49100) Combustion Turbine | TRUE | | FALSE | TRUE | TRUE | FALSE FALSE | 0 | 0 |
| | | | | | | 15 | | | | | | |
| HWDT | 13:23 | | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:30 | | | (49210) Compressor | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:39 | | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:34 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2012/01/16 6:03 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 2012/01/16 9:36 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | n | 0 |
| HWDT | 11:09 | - | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | | | | | FALSE | | | | | | | |
| | 11:57 | | | (49100) Combustion Turbine | | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 12:45 | | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:30 | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:21 | 14:36 | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:36 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | ō |
| HWDT | 21:12 | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | ò | ő |
| HWDT | 2012/02/11 8:46 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | ñ |
| HWDT | 18:45 | | 12-O (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | | | | | FALSE | | | | | | | |
| HWDI | 22:07 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (+9100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| | | | | | | | | | | | | |

| HWDT | 13:12 | 20.52 24 (4) 50 4 - Ferral Outers - Charles Failure | /4000 |)) Generator | FALSE | | 511.05 | 544.05 | 544.05 | 544.05 | | |
|----------------------|--------------------------|--|----------------------------|--|----------------|----------|----------------|----------------|----------------|----------------|-----|---|
| HWDT | 13:12 | 20:53 21 (4)-FO-4 : Forced Outage - Starting Failure 15-ABNO (FD) : Available but not operating - Forced Derated | | | TRUE | 21 15 | FALSE FALSE | FALSE TRUE | FALSE FALSE | FALSE FALSE | 0 | 1 |
| HWDI | | 15-ABNO (FD) . Available but not operating - Forced Derated | (4910 |) Combustion Furbine | TRUE | 15 | FALSE | IKUE | FALSE | FALSE | 1 | U |
| | 2012/02/22 | | | | | | | | | | | |
| HWDT | 11:24 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:34 | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | Combustion Turbine Combustion Turbine | FALSE | 15 15 | FALSE FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 10:56 | 13:32 21 (4)-FO-4 : Forced Outage - Starting Failure | | Generator Lubrication System | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 1 |
| HWDT | 13:32 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | Ó |
| HWDT | 14:30 | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:13 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:23 2012/03/15 7:05 | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | Combustion Turbine Combustion Turbine | FALSE TRUE | 15 | FALSE FALSE | FALSE TRUE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 2012/03/15 7:05 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 15 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:03 | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2012/03/16 8:44 | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | ō |
| HWDT | 14:58 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:36 | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2012/04/19 9:47 | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | Combustion Turbine Combustion Turbine | FALSE TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 15:46 | 12-O (FD) : Available but not operating * Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:17 | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:56 | 12-O (FD): Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | 0 |
| HWDT | 19:02 | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:46 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:04 14:23 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | | O) Combustion Turbine O) Combustion Turbine O) Combustion Turbine | FALSE FALSE | 15 12 | FALSE TRUE | FALSE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 14:23 | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 12 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:07 | 12-O (FD): Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:41 | 15-ABNO (FD) : Available but not operating - Forced Derated | (4910) |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2012/04/27 4:34 | 17:18 21 (1)-FO-1 : Forced Outage - Sudden | (4980) |) Generator | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:18 | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2012/05/02 8:46 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE TRUE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:37 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | | O) Combustion Turbine O) Combustion Turbine O) Combustion Turbine | FALSE | 15 12 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 21:42 | 15-ABNO (FD) : Available but not operating - Forced Derated | |)) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2012/05/03 7:52 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ő | 0 |
| HWDT | 11:45 | 15-ABNO (FD): Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:34 | 12-O (FD): Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:14 10:34 | 15-ABNO (FD) : Available but not operating - Forced Derated | |)) Combustion Turbine | TRUE FALSE | 15 15 | FALSE FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 16:36 | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (4910) |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2012/05/16 9:09 | 19:00 25-PO : Planned Outage | |) Combustion Turbine | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | o o | 0 |
| HWDT | 19:00 | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 2012/05/17 1:36 | 15-ABNO (FD) : Available but not operating - Forced Derated | (4910) |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2012/05/17 2:25 | 15-ABNO (FD) : Available but not operating - Forced Derated | (4910) |) Combustion Turbine | FALSE FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:28 | 17:30 25-PO : Planned Outage 15-ABNO (FD) : Available but not operating - Forced Derated | | Combustion Turbine Combustion Turbine | FALSE | 25 15 | FALSE FALSE | FALSE | FALSE FALSE | FALSE | 0 | 0 |
| HWDT | 2012/05/19 8:34 | 17:22 25-PO : Planned Outage | |) Combustion Turbine | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:37 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 17:22 | 15-ABNO (FD) : Available but not operating - Forced Derated | (4910) |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 12:00 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:17 14:18 | 15-ABNO (FD) : Available but not operating - Forced Derated 17:12 25-PO : Planned Outage | |) Combustion Turbine | FALSE FALSE | 15 25 | FALSE FALSE | FALSE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 17:12 | 17:12 25-PO : Planned Outage 15-ABNO (FD) : Available but not operating - Forced Derated | (4910) | Combustion Turbine Combustion Turbine | FALSE | 25 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:00 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:42 | 15-ABNO (FD) : Available but not operating - Forced Derated | (4910 |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:42 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:15 | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:22 18:47 | 12-O (FD) : Operating under Forced Derated | |)) Combustion Turbine | FALSE FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:47 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | | Combustion Turbine Combustion Turbine | FALSE | 15 12 | FALSE TRUE | FALSE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 19:38 | 15-ABNO (FD) : Available but not operating - Forced Derated | (4910) |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 19:55 | 12-O (FD): Operating under Forced Derated | (4910) |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ő | 0 |
| HWDT | 20:42 | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:47 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:17 16:24 | 15-ABNO (FD) : Available but not operating - Forced Derated | | Combustion Turbine Combustion Turbine | FALSE FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:24 | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | Combustion Turbine Combustion Turbine | FALSE | 12 15 | TRUE FALSE | FALSE FALSE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 16:57 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:14 | 15-ABNO (FD) : Available but not operating - Forced Derated | (4910 |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:07 | 12-O (FD) : Operating under Forced Derated | (4910) |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | ō |
| HWDT | 18:22 | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 19:39 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:18 | 15-ABNO (FD) : Available but not operating - Forced Derated | | Combustion Turbine Combustion Turbine | TRUE FALSE | 15 12 | FALSE | TRUE FALSE | TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 10:19 | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | Combustion Turbine Combustion Turbine | FALSE | 12 15 | TRUE FALSE | FALSE | FALSE TRUE | FALSE | 0 | 0 |
| HWDT | 13:27 | 15-ABNO (FD) : Available but not operating • Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 17:30 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | o o | 0 |
| HWDT | 18:05 | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:20 | 12-O (FD) : Operating under Forced Derated | |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:56 | 15-ABNO (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:34 13:58 | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | Combustion Turbine Combustion Turbine | FALSE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| | 15:33 | 12-O (FD) : Available but not operating - Forced Derated | |) Combustion Turbine | FALSE | 15 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | | 15-ABNO (FD) : Available but not operating - Forced Derated | | | TRUF | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:01 | | | Combustion Turbine | | | | | | | | |
| | 17:01 10:44 | 12-O (FD) : Operating under Forced Derated | | Combustion Turbine Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT HWDT HWDT | 10:44 11:07 | 12-O (FD): Operating under Forced Derated 11:47 21 (1)-FO-1: Forced Outage - Sudden | (4910) | Combustion Turbine Generator | FALSE FALSE | 12 21 | TRUE FALSE | FALSE FALSE | FALSE TRUE | FALSE FALSE | | 0 |
| HWDT | 10:44 | 12-O (FD): Operating under Forced Derated | (4910) (4980) (4910) |) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | |

| 1.52 | LINET | 40.00 | | 45 ADNO 4 | 50) 4 3111 4 4 5 5 10 4 1 | (40400) O I .: T I: | TOUE | | | | | | | |
|--|-------|-----------------|-----------------|-------------------------|--|----------------------------------|-------|----|-------|-------|-------|-------|---|---|
| 1400 150 | HWDT | 13:36 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | | | 14:39 | 21 (1)-FO-1 | 1 : Forced Outage - Sudden | | | | | | | | | |
| | | | | | | | | 12 | | | | | | |
| 1997 1998 | | 15:05 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| 1997 1998 | HWDT | 19:11 | | | | | FALSE | | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| 1997 1990 | HWDT | 20:49 | | 15-ABNO (| ED) : Available but not operating - Forced Derated | (49100) Combustion Turbine | | 15 | FALSE | FALSE | TRUE | FALSE | Ó | 0 |
| 1007 1007 1008 1009 | HWDT | 21:17 | 2012/06/05 3:18 | 21 (1)-EO-1 | L: Forced Outage - Sudden | | EALSE | | | | | | | |
| STATE 15-086 P. August P. August 15-086 | | | | | | | | 40 | | | | | | |
| 15-08-09-12-12-12-12-12-12-12-12-12-12-12-12-12- | | | | 12-U (FD) : | Operating under Forced Derated | | | | | | | | | - |
| 1000 | | | | | | | | | | | | | | |
| 10.00000000000000000000000000000000000 | | | | | | | | | | | | | 0 | |
| 20,000,000 11 | | | | | | | | | | | | | 0 | |
| MODI | HWDT | 2012/06/05 4:10 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| 14.24 | HWDT | 2012/06/05 7:11 | | 12-O (FD) : | Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| MODI | HWDT | | 16:47 | 25-PO Pla | nned Outage | | FALSE | 25 | FALSE | | TRUE | FALSE | Ó | 0 |
| MODIT 19.64 15.46 15.4 | HWDT | 16:47 | | | | | FALSE | | | | | | | |
| 1905 1907 | | | | | | | | | | | | | | |
| 1997 1998 15-980 15-98 | | | | | | | | | | | | | | |
| MODIT 1607 | | | | | | | | 12 | | | | | | |
| 1972 1.24 15.5400 PP) Assible for recording record Densel 1970 PA 1970 PA | | | | | | | | | | | | | | |
| MINOT 100 10 | | | | | | | | | | | | | | |
| Instruct 1972 1972 1973 1974 197 | | | | | | | | 15 | | | | | | |
| 201200729 3rd 10-0 (PS) | | | | 12-O (FD): | Operating under Forced Derated | (49100) Combustion Turbine | | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| 201900079 8-77 10-0 PP) Operang user Frond Domain 40900 Controlled Turbes FALSE 12 TRUE FALSE FALSE | HWDT | 2012/06/29 9:36 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| MODI | HWDT | 2012/06/29 9:47 | | 12-O (FD) : | Operating under Forced Derated | (49100) Combustion Turbine | FALSE | | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| INDIT 101 10 10 10 10 10 10 | | | | 15-ARNO (| ED) - Available but not operating - Forced Derated | (49100) Combustion Turbine | | 15 | EALSE | TRUE | TRUE | EALSE | 0 | 0 |
| INDIT 11-00 16-00 10- | | | | | | | | 10 | TRUE | | | | | |
| HINDT | | | 16:50 | 21 (1)-EO-1 | L: Forced Outgrap - Sudden | | | | | | | | | |
| HADD 10.00 | | | | | | | | | | | | | - | - |
| HINDT 13-24 13-2 | | | | | | | | | | | | | | |
| HWOT 1-30 15-880 FPT Available but not opening. Forced Denset 1-30 15-880 FPT Available but not opening. Forced | | | | | | | | 15 | FALSE | | | | | |
| HINDT 1-54 17-54 21 (17-57 FARCE 100gpc - Souther 16000 17-54 17-54 16-840 (PB) Available but or operating - Forced Dentale 16000 17-54 17 | | | | | | | | | | | | | | |
| MINOT 17-54 15-880 (PID) Available but not opening - Forest Denset (#1900 Controlled Flatter) 15 | | | | | | | | | | | TRUE | FALSE | 0 | 0 |
| HINDT | HWDT | 21:48 | 17:54 | 21 (1)-FO-1 | I : Forced Outage - Sudden | (49325) Building Fire Protection | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HMOT 12-00 15-ABNO (PI) - Available but not opening—froze Demoted 49100) Condustion Turbube FALSE 15 FALSE FALSE FALSE AVAILABED AV | HWDT | 17:54 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HINDT | HWDT | 12:09 | | | | (49100) Combustion Turbine | FALSE | | | | | FALSE | 0 | 0 |
| HMOT | | | | 15-ABNO (| FD) : Available but not operating - Forced Derated | | | | | | | | | 0 |
| HINDT | | | | | | | | | | | | | | |
| HINDT | | | | | | | | | | | | | 0 | |
| HINDT | | | | | | | | | | | | | 0 | |
| HMOT 2006 15-ABMO (F) Available but not operating Forosd Derested (49100) Cortex-stant Turbers FALSE 12 TRUE FALSE FALSE FALSE 0 0 1 1 1 1 1 1 1 1 | | | | | | | | | | | | | 0 | |
| HMOT 1020 | | | | | | | | | | | | | 1 | |
| HMOT | | | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | | 15 | | FALSE | FALSE | FALSE | 0 | 0 |
| HMOT | HWDT | 10:29 | | 12-O (FD): | Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | HWDT | 11:07 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWOT 19-06 15-ARNO (FD) Available but not operating - Forced Densited 40100 Combustion Turbrine FALSE 12 TRUE FALSE FALS | HWDT | 11:49 | | | | | FALSE | | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT 19-10 | HWDT | 12:41 | | 15-ABNO (| ED) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | Ó | 0 |
| HMVDT 18-46 15-48NO (PD) Available but not operating - Food Demote 649100 Combustion Turbine FALSE 15 FALSE TRUE FALSE 10 0 0 0 0 0 0 0 0 | HWDT | 2012/09/11 9:45 | | | | | FALSE | | | | | | | |
| HWDT | | | | | | | | | | | | | | |
| HWDT 18-18 15-ABNO (FD) Available but not operating - Forced Detailed (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE 0 0 1 1 1 1 1 1 1 1 | | | | | | | | | | | | | 1 | |
| HWDT | | | | | | | | | | | | | | |
| HWDT | | | | | | | | | | | | | | |
| HWDT 13-57 15-ARNO (FD) - Analizable but not operating - Forced Dentated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE ALSE 0 0 1 1 1 1 1 1 1 1 | | | | | | | | | | | | | - | - |
| HWDT 16:29 12-0 (FD): Opening under Forced Detailed 49100 Confusion Turbine FALSE 12 TRUE FALSE FALSE 0 0 | | | | | | | | | | | | | | |
| HWDT | | | | | | | | | | | | | 0 | 0 |
| HWDT | HWDT | 16:29 | | 12-O (FD): | Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | HWDT | 16:47 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | HWDT | 23:39 | | | | (49100) Combustion Turbine | FALSE | 15 | | | | | 0 | 0 |
| HWDT 17:08 | | 16:56 | | 12-O (FD) | Operating under Forced Derated | (49100) Combustion Turbine | FALSE | | TRUE | | FALSE | FALSE | | ō |
| HWDT 18:17 | | | | 15-ARNO (| FD) : Available but not operating - Forced Derated | | | | | | | | | |
| HWDT | | | | | | | | | | | | | | |
| HWDT 18-11 12-O (FD) Operating under Forced Derated (48100) Combustion Turbine FALSE 12 TRUE FALSE FALSE 0 0 HWDT 2012/10/31 846 12-O (FD) Operating under Forced Derated (49100) Combustion Turbine FALSE 15 FALSE 15 FALSE FALSE 16 0 0 HWDT 2012/10/31 948 12-O (FD) Operating under Forced Derated (49100) Combustion Turbine FALSE 15 FALSE 15 FALSE FALSE FALSE 0 0 HWDT 2012/10/31 948 12-O (FD) Operating under Forced Derated (49100) Combustion Turbine FALSE 15 FALSE 15 FALSE FALSE FALSE 0 0 HWDT 10-03 15-ABNO (FD) Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE 0 0 HWDT 17-14 12-O (FD) Operating under Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE FALSE 0 0 HWDT 15-03 15-ABNO (FD) Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE 0 0 HWDT 15-03 15-ABNO (FD) Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE 0 0 HWDT 15-03 15-ABNO (FD) Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE 0 0 HWDT 15-03 15-ABNO (FD) Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE FALSE 0 0 HWDT 15-04 15-05 15-ABNO (FD) Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FA | | | | | | | | | | | | | | |
| HWDT 20:31 15-ABNO (FD) Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE CO 0 | | | | | | | | 15 | | | | | | |
| HWDT 2012/10/31 846 12-0 (FD) : Operating under Forced Detailed 49100) Combustion Turbine FALSE 15 FALSE FALSE 74.5E 74.5E | | | | 12-O (FD) : | Operating under Forced Derated | | | | | | | | | |
| HWDT 2012/1031 9:07 15-ABNO (FP) : Available but not operating - Forced Derated 49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE 0 0 0 | | | | | | | | | | | | | | |
| HWDT 2012/10/31-948 12-Q (PD) Operating under Forced Derated 49190 Combustion Turbine FALSE 12 TRUE FALSE FALSE 0 0 14-4 | | | | 12-O (FD) : | Operating under Forced Derated | (49100) Combustion Turbine | | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT 10:03 15-ABNO (FD) : Available but not operating - Forced Derated 49100) Combusion Turbine FALSE 15 FALSE FALSE FALSE 0 0 0 0 0 0 0 0 0 | | | | 15-ABNO (| FD) : Available but not operating - Forced Derated | | | 15 | | FALSE | | | | 0 |
| HWDT 10:03 15-ABNO (FD) : Available but not operating - Forced Derated 49100) Combusion Turbine FALSE 15 FALSE FALSE FALSE 0 0 0 0 0 0 0 0 0 | | | | | | | | 12 | | FALSE | | | 0 | 0 |
| HWDT | HWDT | 10:03 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | HWDT | 17:14 | | | | | FALSE | | | | FALSE | | | 0 |
| HWDT | | | | | | | | | | | | | | |
| HWDT 15:17 15-ABNO (FD) : Available but not operating - Forced Derated 49100) Combusion Turbine FALSE 15 FALSE FALSE FALSE 0 0 14-ABNO (FD) : Available but not operating - Forced Derated 49100) Combusion Turbine FALSE 12 TRUE FALSE FALSE FALSE 0 0 0 15-ABNO (FD) : Available but not operating - Forced Derated 49100) Combusion Turbine FALSE 15 FALSE FALSE FALSE 0 0 0 0 0 0 0 0 0 | | | | | | | | | TRUE | FALSE | | | | |
| HWDT | | | | | | | | | | | | | | |
| HWDT | | | | | | | | | | | | | | |
| HWDT | | | | | | | | | | | | | | |
| HWDT | | | | | | | TALOL | | | | | | | |
| HWDT | | | | | | | | | | | | | - | |
| HWDT 2012/11/27 6:18 15-ABNO (PD) : Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE 10 HWDT 21:49 15-ABNO (PD) : Available but not operating - Forced Derated (49100) Combustion Turbine TRUE 15 FALSE FALSE FALSE FALSE 10 HWDT 22:49 15-ABNO (PD) : Available but not operating - Forced Derated (49100) Combustion Turbine TRUE 15 FALSE FALSE FALSE FALSE 10 HWDT 14:35 12-O (FD) : Operating under Forced Derated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE 0 O HWDT 15:49 15-ABNO (FD) : Available but not operating - Forced Derated (49100) Combustion Turbine TRUE 15 FALSE TRUE FALSE FALSE 0 O HWDT 16:00 15-ABNO (FD) : Available but not operating - Forced Derated (49100) Combustion Turbine TRUE 15 FALSE TRUE FALSE FALSE 0 O HWDT 17:33 11-0 : Operating Forced Derated (49100) Combustion Turbine FALSE 11 TRUE FALSE FALSE 0 O HWDT 2013/01/15 12 11-0 : Operating FALSE 14 FALSE 14 FALSE FALSE FALSE 0 O HWDT 2013/01/16 0:44 14-ABNO : Available but not operating FALSE 14 FALSE 14 FALSE FALSE FALSE 0 O HWDT 14:27 11-0 : Operating FALSE 14 FALSE 14 FALSE FALSE FALSE 0 O HWDT 14:27 11-0 : Operating FALSE 14 FALSE 15 FALSE FALSE 16 O HWDT 15:17 14-ABNO : Available but not operating FALSE 17 TRUE FALSE FALSE 0 O HWDT 15:17 14-ABNO : Available but not operating FALSE 11 TRUE FALSE FALSE 0 O HWDT 15:17 14-ABNO : Available but not operating TRUE 14 FALSE TRUE FALSE FALSE 0 O HWDT 15:17 14-ABNO : Available but not operating TRUE 14 FALSE TRUE FALSE FALSE 0 O HWDT 15:17 14-ABNO : Available but not operating TRUE 14 FALSE TRUE FALSE FALSE 0 O HWDT 15:10 Operating TRUE 14 FALSE TRUE TRUE FALSE FALSE 0 | | | | | | | | | | | | | | |
| HWDT 2012/11/276:18 15-ABNO (FD) : Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE 5 5 FALSE FALSE 5 5 FALSE 5 FALSE 5 5 FALSE 5 FALSE 5 5 FALSE 5 5 FALSE 5 FALSE 5 5 FALSE 5 FALSE 5 5 FALSE | | | | | | | | | | | | | 0 | |
| HWDT | | 2012/11/27 6:18 | | | | | | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT 21:49 15-ABNO (FD) : Available but not operating - Forced Derated (49:00) Combustion Turbine FALSE 15 | | 17:54 | | 15-ABNO (| FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | | 15 | | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT 23:16 | HWDT | 21:49 | | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | | FALSE | FALSE | 1 | 0 |
| HWDT | HWDT | 23:18 | | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT 15.49 15-ABNO (FD) : Available but not operating - Forced Derated (49100) Combustion Turbine | HWDT | 14:35 | | | | (49100) Combustion Turbine | FALSE | | | | | | | |
| HWDT 16:00 15-ABNO (PD) : Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 | | | | | | | | | | | | | | |
| HWDT 17-33 11-0 Operating FALSE 11 TRUE FALSE FALSE 0 0 | | | | | | | | | | | | | | |
| HWDT | | | | | | (45100) Compusion Furbine | | | | | | | - | |
| HWDT 2013/01/17:12 11-0: Operating FALSE 11 TRUE FALSE FALSE 0 0 HWDT 11:32 14-ABNO: Available but not operating FALSE 14 FALSE TRUE FALSE 0 0 HWDT 2013/01/16:044 14-ABNO: Available but not operating FALSE 14 FALSE TRUE FALSE 1 0 HWDT 14:27 11-0: Operating FALSE 11 TRUE FALSE FALSE 0 0 HWDT 15:17 14-ABNO: Available but not operating TRUE 14 FALSE TRUE FALSE FALSE 0 0 HWDT 16:35 11-0: Operating FALSE 11 TRUE FALSE FALSE 0 0 HWDT 16:35 11-0: Operating FALSE 11 TRUE FALSE FALSE 0 0 HWDT 14-ABNO: Available but not operating FALSE 11 TRUE FALSE FALSE 0 0 HWDT 2013/01/17:908 11-0: Operating FALSE 11 TRUE FALSE FALSE 0 0 HWDT 2013/01/17:908 11-0: Operating FALSE 11 TRUE FALSE FALSE 0 0 HWDT 2013/01/17:908 11-0: Operating FALSE 11 TRUE FALSE FALSE 0 0 HWDT 2013/01/17:908 11-0: Operating FALSE 11 TRUE FALSE FALSE 0 0 | | | | | | | | | | | | | | |
| HWDT | | | | | | | | | | | | | | |
| HWDT 2013/01/16 0.44 14-ABNO : Available but not operating TRUE 14 FALSE TRUE FALSE 1 0 | | | | | | | | | | | | | | |
| HWDT | | | | | | | | | | | | | 0 | |
| HWDT | | | | | | | | | | | | | 1 | 0 |
| HWDT 15:17 | HWDT | 14:27 | | 11-O : Oper | rating | | FALSE | | | | | | 0 | |
| HWDT 16:35 11-0 : Operating FALSE 11 TRUE FALSE FALSE 0 0 HWDT 20:30 11-0 : Available but not operating TRUE 14 FALSE TRUE TRUE FALSE 0 0 HWDT 20:3001/17:908 11-0 : Operating FALSE 11 TRUE FALSE FALSE 0 0 HWDT 20:3001/17:908 11-0 : Operating FALSE 12 TRUE FALSE FALSE 0 0 HWDT 20:3001/17:908 11-0 : Operating FALSE TRUE TRUE FALSE FALSE 0 0 HWDT 20:3001/17:908 11-0 : Operating TRUE T | | 15:17 | | 14-ABNO : | Available but not operating | | | | FALSE | | | | 0 | 0 |
| HWDT 21:04 14-ABNO : Available but not operating TRUE 14 FALSE TRUE FALSE TRUE FALSE TRUE FALSE FALSE 0 0 HWDT 2013/01/17 9:08 11-O : Operating FALSE 11 TRUE FALSE FALSE FALSE O 0 | | | | | | | | | | | | | | |
| HWDT 2013/01/17 9:08 11-O:Operating FALSE 11 TRUE FALSE FALSE 0 0 | | | | | | | | | | | | | | ō |
| | | | | 11 ₀ O · One | rating | | | | | | | | | 0 |
| 1800 14 FALSE 1800 FALSE 0 0 | | | | | | | | | | | | | | |
| | HAMPI | 14:26 | | MDINU : | Available but not operating | ! | IKUE | 14 | FALSE | IKUE | IKUE | FALSE | U | U |

| HWDT | 16:10 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
|--|---|-----------------|--|---|--|--|---|--|---|---|--|---|
| HWDT | 16:36 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 11:50 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:54 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:44 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 21:31 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 21:47 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 22:04 | 22:33 | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | TRUE | 21 | FALSE | TRUE | TRUE | FALSE | ō | ō |
| HWDT | 22:33 | | 14-ABNO : Available but not operating | (10100) 00110001110011 | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 22:47 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:49 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| | | | | (40400) Combustion Testino | | | | | | | | |
| HWDT | 17:13 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:05 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2013/01/23 7:26 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | | 2013/01/23 9:21 | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2013/01/23 9:21 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2013/01/23 9:48 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:24 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:49 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:26 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 21:16 | | 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | ō | ō |
| HWDT | 11:09 | 12:24 | 21 (4)-FO-4 : Forced Outage - Starting Failure | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | ō | 1 |
| HWDT | 12:24 | 12.24 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | ò |
| HWDT | 20:21 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | | | FALSE | TRUE | | | |
| HWDT | 20:21 | | | | FALSE | 15 | FALSE | | | FALSE FALSE | 0 | 0 |
| HWDT | 2013/04/17 9:11 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | | 0 | 0 |
| | | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 11:24 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2013/05/17 6:26 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | 16-ABNO (SD) : Available but not operating - Scheduled | | | | | | | | | |
| HWDT | 2013/05/18 9:05 | | Derated | (49100) Combustion Turbine | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:14 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:01 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | ō | 0 |
| HWDT | 14:37 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | o o | 0 |
| HWDT | 15:58 | | 14-ABNO : Available but not operating | 1 | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2013/07/04 9:01 | 10-49 | 24-MO : Maintenance Outage | (5200) Transmission Limitations | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 10:48 | 10.40 | 14-ABNO : Available but not operating | (49100) Combustion Turbine | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:45 | | 11-O : Operating | (49100) Combustion Fulbrile | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | | | | | | | | | | |
| HWDT | 16:07 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:19 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:39 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:40 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:47 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:12 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:36 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:52 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:09 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | ō | ō |
| HWDT | 17:39 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | ō | 0 |
| HWDT | 19:14 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:34 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:53 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2013/10/04 0:00 | 40.04 | 04 MO Maintenance Outro | (49100) Combustion Turbine | FALSE | | | | | | | |
| | | 12:34 | 24-MO : Maintenance Outage | (49100) Combustion Turbine | | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:34 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:49 | 13:30 | 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:30 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:04 | 2013/12/19 8:32 | 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2013/12/19 8:32 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:41 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:42 | 23:59 | 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | Ō | ō |
| HWDT | 2014/01/01 0:01 | 19:39 | 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 19:39 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2014/01/09 9:36 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49810) Generator Rotor | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | Ö | 0 |
| HWDT | 15:09 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/01/11 9:04 | | | (40100) Combustion Fubilie | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:17 | | 14-ABNO : Available but not operating 11-O : Operating | | FALSE | 14 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 13:17 | | | | FALSE | | | | | | | 0 |
| | | | 14-ABNO : Available but not operating | | | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 19:35 | | 11-O : Operating | 1 | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:59 | 21:52 | 21 (1)-FO-1 : Forced Outage - Sudden | (49800) Generator | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 21:52 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| | | 2014/01/12 | | (49980) Auxiliaries Controls and | | | | | | | | |
| HWDT | 2014/01/12 9:38 | 13:47 | 24-MO : Maintenance Outage | Instrumentation | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:47 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | | | | | | | | E41.0E | | | 0 | 0 |
| | 18:00 | 18:58 | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | | |
| HWDT | | 18:58 | | (49100) Combustion Turbine | FALSE | | | | | | 1 | |
| HWDT | 18:00 18:58 | 18:58 | 14-ABNO : Available but not operating | (49100) Combustion Turbine | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT HWDT | 18:00 18:58 13:48 | 18:58 | 14-ABNO : Available but not operating 11-O : Operating | (49100) Combustion Turbine | TRUE FALSE | 14 11 | FALSE TRUE | TRUE | FALSE | FALSE FALSE | 1 0 | 0 |
| HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 | 18:58 | 14-ABNO : Available but not operating 11-O : Operating 14-ABNO : Available but not operating | (49100) Combustion Turbine | TRUE FALSE TRUE | 14 11 14 | FALSE TRUE FALSE | TRUE FALSE TRUE | FALSE FALSE TRUE | FALSE FALSE FALSE | 1 0 0 | 0 0 |
| HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 | 18:58 | 14-ABNO : Available but not operating 11-O : Operating 14-ABNO : Available but not operating 11-O : Operating | (49100) Combustion Turbine | TRUE FALSE TRUE FALSE | 14 11 14 11 | FALSE TRUE FALSE TRUE | TRUE FALSE TRUE FALSE | FALSE FALSE TRUE FALSE | FALSE FALSE FALSE FALSE | 1 0 0 | 0 0 0 |
| HWDT HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 21:21 | 18:58 | 14.ABNO : Available but not operating 11-O : Operating 14.ABNO : Available but not operating 11-O : Operating 11-O : Operating | (49100) Combustion Turbine | TRUE FALSE TRUE FALSE FALSE | 14 11 14 14 11 | FALSE TRUE FALSE TRUE TRUE | TRUE FALSE TRUE FALSE FALSE | FALSE FALSE TRUE FALSE TRUE | FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 | 0 0 0 0 |
| HWDT HWDT HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 21:21 22:31 | 18:58 | 14-ABNO : Available but not operating 11-O : Operating 14-ABNO : Available but not operating 14-ABNO : Available but not operating | (49100) Combustion 1 urbine | TRUE FALSE TRUE FALSE FALSE FALSE | 14 11 14 11 11 | FALSE TRUE FALSE TRUE TRUE FALSE | TRUE FALSE TRUE FALSE FALSE FALSE | FALSE FALSE TRUE FALSE TRUE TRUE | FALSE FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 | 0 0 0 0 0 |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 21:21 22:31 2014/01/22 8:52 | | 14-ABNO: Available but not operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 11-0: Operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating | (49100) Combustion 1 urbine | TRUE FALSE TRUE FALSE FALSE FALSE FALSE TRUE | 14 11 14 11 11 11 14 | FALSE TRUE FALSE TRUE TRUE FALSE FALSE | TRUE FALSE TRUE FALSE FALSE FALSE TRUE | FALSE FALSE TRUE FALSE TRUE TRUE FALSE | FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 | 0 0 0 0 0 |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 21:21 22:31 2014/01/22 8:52 13:25 | | 14-ABNO: Available but not operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 11-0: Operating 11-0: Operating 11-0: Operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating | | TRUE FALSE TRUE FALSE FALSE FALSE FALSE FALSE TRUE FALSE | 14 11 14 11 11 11 14 14 | FALSE TRUE FALSE TRUE TRUE FALSE FALSE TRUE | TRUE FALSE TRUE FALSE FALSE FALSE TRUE FALSE | FALSE FALSE TRUE FALSE TRUE TRUE FALSE FALSE | FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 0 | 0 0 0 0 0 0 |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 21:21 22:31 2014/01/22 8:52 13:25 13:25 | | 14-ABNO: A valiable but not operating 14-ABNO: A valiable but not operating 14-ABNO: A valiable but not operating 11-O: Operating 11-O: Operating 14-ABNO: A valiable but not operating 14-ABNO: A valiable but not operating 11-O: Operating 11-O: Operating 11-O: Operating | (49100) Combustion 1 urbine (49100) Combustion Turbine | TRUE FALSE TRUE FALSE FALSE FALSE TRUE FALSE FALSE FALSE | 14 11 14 11 11 11 14 14 11 21 | FALSE TRUE FALSE TRUE TRUE FALSE FALSE FALSE FALSE | TRUE FALSE TRUE FALSE FALSE FALSE TRUE FALSE FALSE | FALSE FALSE TRUE FALSE TRUE TRUE FALSE FALSE TRUE | FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 0 0 | 0 |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 21:21 22:31 2014/01/22 8:52 13:25 | | 14-ABNO: Available but not operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 11-0: Operating 11-0: Operating 11-0: Operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating | | TRUE FALSE TRUE FALSE FALSE FALSE FALSE FALSE TRUE FALSE | 14 11 14 11 11 11 14 14 | FALSE TRUE FALSE TRUE TRUE FALSE FALSE TRUE | TRUE FALSE TRUE FALSE FALSE FALSE TRUE FALSE | FALSE FALSE TRUE FALSE TRUE TRUE FALSE FALSE | FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 0 | 0 0 0 0 0 0 |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 21:21 22:31 2014/01/22 8:52 13:25 13:25 | | 14-ABNO: A valiable but not operating 14-ABNO: A valiable but not operating 14-ABNO: A valiable but not operating 11-O: Operating 11-O: Operating 14-ABNO: A valiable but not operating 14-ABNO: A valiable but not operating 11-O: Operating 11-O: Operating 11-O: Operating | | TRUE FALSE TRUE FALSE FALSE FALSE TRUE FALSE FALSE FALSE | 14 11 14 11 11 11 14 14 11 21 | FALSE TRUE FALSE TRUE TRUE FALSE FALSE FALSE FALSE | TRUE FALSE TRUE FALSE FALSE FALSE TRUE FALSE FALSE | FALSE FALSE TRUE FALSE TRUE TRUE FALSE FALSE TRUE | FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 0 0 | 0 |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 21:21 22:31 2014/01/22 8:52 13:25 13:26 13:57 | 13:57 | 14-ABNO: A valiable but not operating 11-0 - Operating 14-ABNO: A valiable but not operating 11-0: Operating 11-0: Operating 11-0: Operating 14-ABNO: A valiable but not operating 14-ABNO: A valiable but not operating 11-0: A valiable but not operating | | TRUE FALSE TAUE FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE | 14 11 14 11 11 11 14 14 11 21 11 | FALSE TRUE FALSE TRUE FALSE FALSE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE | TRUE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE TRUE | FALSE FALSE TRUE FALSE TRUE TRUE FALSE FALSE FALSE TRUE FALSE TRUE | FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 0 0 0 1 0 0 | 0 0 0 0 0 0 0 0 |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 21:21 22:31 2014/01/22 8:52 13:26 13:57 14:11 | 13:57 | 14-ABNO: Available but not operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 11-0: Operating 11-0: Operating 11-0: Operating 11-0: Operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 11-0: Operating 11-0: Operating 11-0: Operating 14-ABNO: Available but not operating | (49100) Combustion Turbine | TRUE FALSE TRUE FALSE | 14 11 14 11 11 11 14 14 11 21 11 14 21 | FALSE TRUE FALSE TRUE FALSE FALSE FALSE TRUE FALSE TRUE FALSE FALSE TRUE FALSE FALSE FALSE FALSE | TRUE FALSE TRUE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE TRUE FALSE | FALSE FALSE TRUE FALSE TRUE FALSE FALSE TRUE FALSE TRUE FALSE TRUE FALSE | FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 0 0 1 1 0 0 | 0 |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 21:21 22:31 2014/01/22 8:52 13:25 13:25 14:01 14:12 15:06 | 13:57 | 14-ABNO: A valiable but not operating 11-0 - Operating 14-ABNO: A valiable but not operating 11-0 : Operating 11-4-ABNO: A valiable but not operating 11-4-ABNO: A valiable but not operating 11-0 : Operating | (49100) Combustion Turbine | TRUE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE TRUE FALSE FALSE TRUE | 14 11 14 11 11 11 14 14 11 21 11 14 21 11 | FALSE TRUE FALSE TRUE FALSE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE FALSE FALSE FALSE TRUE | TRUE FALSE TRUE FALSE | FALSE FALSE TRUE FALSE TRUE FALSE FALSE TRUE FALSE TRUE FALSE FALSE FALSE FALSE | FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 0 0 1 0 0 0 0 | 0 |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 21:21 22:31 2014/01/22 8:52 13:25 13:26 13:57 14:01 14:12 15:06 | 13:57 | 14-ABNO: A valiable but not operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 11-0: Operating 11-0: Operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 11-0: Operating 21 (1)-FO-1: Forced Outage - Sudden 11-0: Operating | (49100) Combustion Turbine | TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE FALSE | 14 11 14 11 11 11 14 14 11 21 11 14 21 11 | FALSE TRUE FALSE TRUE TRUE FALSE FALSE TRUE FALSE TRUE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | TRUE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE | FALSE FALSE TRUE FALSE TRUE FALSE FALSE TRUE FALSE TRUE FALSE FALSE TRUE FALSE TRUE | FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 0 1 1 0 0 0 0 | 0 |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 21:21 2014/01/22 8:52 13:26 13:27 14:01 14:12 15:06 15:09 | 13:57 15:06 | 14-ABNO: A valiable but not operating 14-ABNO: A valiable but not operating 14-ABNO: A valiable but not operating 11-O: Operating 11-O: Operating 11-O: Operating 14-ABNO: A valiable but not operating 14-ABNO: A valiable but not operating 11-O: Operating 11-O: Operating 11-O: Operating 11-O: Operating 11-O: Operating 14-ABNO: A valiable but not operating | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE TRUE FALSE TRUE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 14 11 14 11 11 11 14 14 11 11 14 21 11 14 21 11 | FALSE TRUE FALSE TRUE FALSE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE | TRUE FALSE FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE TRUE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | FALSE FALSE TRUE FALSE TRUE TRUE FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 0 1 1 0 0 0 0 0 | 0 |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 21:21 20:14/01/22 8:52 13:26 13:26 13:57 14:01 14:12 15:06 15:09 | 13:57 15:06 | 14-ABNO: Available but not operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 11-0: Operating 11-0: Operating 11-0: Operating 11-0: Operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 11-0: Operating 11-0: Operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 14-ABNO: Available but not operating 11-0: Operating | (49100) Combustion Turbine | TRUE FALSE | 14 11 14 11 11 11 11 14 11 21 11 14 21 11 14 21 | FALSE TRUE TRUE TRUE FALSE FALSE TRUE FALSE TRUE FALSE FALSE TRUE FALSE FALSE FALSE | TRUE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE TRUE FALSE TRUE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | FALSE FALSE TRUE FALSE TRUE FALSE FALSE FALSE TRUE FALSE TRUE FALSE TRUE FALSE FALSE TRUE FALSE TRUE FALSE TRUE | FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0 |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 18:00 18:58 13:48 15:07 18:15 21:21 2014/01/22 8:52 13:26 13:27 14:01 14:12 15:06 15:09 | 13:57 15:06 | 14-ABNO: A valiable but not operating 14-ABNO: A valiable but not operating 14-ABNO: A valiable but not operating 11-O: Operating 11-O: Operating 11-O: Operating 14-ABNO: A valiable but not operating 14-ABNO: A valiable but not operating 11-O: Operating 11-O: Operating 11-O: Operating 11-O: Operating 11-O: Operating 14-ABNO: A valiable but not operating | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE TRUE FALSE TRUE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 14 11 14 11 11 11 14 14 11 11 14 21 11 14 21 11 | FALSE TRUE FALSE TRUE FALSE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE | TRUE FALSE FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE TRUE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | FALSE FALSE TRUE FALSE TRUE TRUE FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 0 1 1 0 0 0 0 0 | 0 |

| HWDT | 16:01 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
|--------------|--------------------------|---|--|----------------|----------|---------------|----------------|---------------|----------------|--------|---|
| HWDT | 16:01 | 16:50 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 11 21 | FALSE | FALSE | TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 16:50 | 14-ABNO : Available but not operating | (49100) Combastion Faibline | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | | 2014/01/23 8:55 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | Ó | 0 |
| HWDT | 2014/01/23 8:55 | 14-ABNO : Available but not operating | (43100) Combustion Fubility | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 11:33 | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | Ö | 0 |
| HWDT | 11:47 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | ō |
| HWDT | 12:23 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | TRUE | FALSE | Ö | Ö |
| HWDT | 13:06 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:40 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:56 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:04 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 19:10 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:46 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:52 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/02/04 6:35 | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/02/04 7:08 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 10:20 13:24 | 14-ABNO : Available but not operating | | TRUE FALSE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:24 | 11-O : Operating 14-ABNO : Available but not operating | | TRUE | 11 14 | TRUE FALSE | FALSE TRUE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:51 | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:08 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 21:46 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/02/07 9:17 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | ō |
| HWDT | 10:35 | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | Ō | ō |
| HWDT | 14:28 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:53 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:00 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 10:50 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 12:11 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:00 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/02/10 4:05 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT HWDT | 2014/02/13 8:36 | 14-ABNO : Available but not operating 11-O : Operating | | TRUE FALSE | 14 11 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 20:33 | 14-ABNO : Available but not operating | | TRUE | 11 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:27 | 11-0 : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:47 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:20 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | ō |
| HWDT | 13:54 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | ō | ō |
| HWDT | 14:46 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:55 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/02/18 2:35 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:17 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:54 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:51 2014/03/01 9:39 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE FALSE | 15 | FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 2014/03/01 9:39 | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine I (49100) Combustion Turbine | TRUE | 12 15 | TRUE FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 11:50 | 12-O (FD): Operating under Forced Denated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:44 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:32 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:39 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | ō | ō |
| HWDT | 14:10 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:40 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/03/04 5:21 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 10:40 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 11:30 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:05 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:36 2014/03/05 9:02 | 12-O (FD): Operating under Forced Derated 13:00 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE FALSE | 12 12 | TRUE TRUE | FALSE FALSE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 2014/03/03 9.02 | 14-ABNO : Available but not operating | (49100) Combustion Fulbrile | FALSE | 12 | FALSE | FALSE | TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 2014/03/06 4:45 | 11-O : Operating | + | FALSE | 14 | TRUE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| HWDT | | 2014/03/07 8:10 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:42 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/03/10 4:39 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 2014/03/10 9:47 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/03/11 6:37 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 10:12 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/03/18 7:15 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2014/03/18 9:21 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:07 16:17 | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE FALSE | 12 15 | TRUE FALSE | FALSE FALSE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 2014/03/19 5:34 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE | 15 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/03/19 9:24 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:22 | 10:43 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | TRUE | 21 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 10:43 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | i | 0 |
| HWDT | 13:18 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | Ó | ō |
| HWDT | 15:50 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:31 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:19 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:49 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:01 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/04/09 7:06 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:51 | 14-ABNO : Available but not operating 11-O : Operating | - | TRUE FALSE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:32 | 11-0 : Operating 14-ABNO : Available but not operating | | TRUE | 11 14 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 14:07 | 11-O : Operating | | FALSE | 14 11 | TRUE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 15:52 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 20:50 | 21:52 21 (1)-FO-1 : Forced Outage - Sudden | (49800) Generator | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 21:52 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 15:28 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | o O | 0 |
| | | | + | | | | | | - ' | - | - |

| HWDT | 20:58 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
|------|--------------------------|-----------------|---|--|----------------|----------|----------------|----------------|----------------|----------------|---|-----|
| HWDT | 21:30 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 21:34 | 23:14 | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 23:14 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2014/05/07 7:41 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/05/07 9:55 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | ō | ō |
| HWDT | 10:30 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 19:56 | | 14-ABNO : Available but not operating | (10.00) | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/05/08 7:41 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| HWDT | 2014/05/08 9:55 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | Ö | o o |
| HWDT | 2014/05/12 5:53 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/05/12 7:48 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/05/12 8:33 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2014/06/01 6:46 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | Ö | 0 |
| HWDT | 19:14 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 16:15 | 13:18 | 21 (4)-FO-4 : Forced Outage - Starting Failure | (49270) Starting System | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 1 |
| HWDT | 12:53 | 10.10 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | ò |
| HWDT | 13:46 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUF | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:01 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:02 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:33 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 13:10 | 2014/06/21 9:24 | 25-PO : Planned Outage | (49312) Heat Shields | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | Ö | 0 |
| HWDT | 2014/06/21 8:24 | | 25-PO : Planned Outage | (49312) Heat Shields | FALSE | 25 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:00 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | | FALSE | FALSE | | FALSE | - | 0 |
| HWDT | 18:45 | 18:45 | | (49312) Heat Shields | | 15 | | | FALSE | | 0 | |
| HWDT | 18:45 | | 14-ABNO : Available but not operating 14-ABNO : Available but not operating | | FALSE FALSE | 14 | FALSE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 17:17 | | 14-ABNO : Available but not operating 11-O : Operating | | FALSE | 14 11 | FALSE | FALSE FALSE | FALSE FALSE | FALSE FALSE | 0 | - |
| HWDT | 18:05 | 10:40 | 15-ABNO (FD): Available but not operating - Forced Derated | (40312) Hoot Chields | FALSE | | FALSE | | TRUE | FALSE | 0 | 0 |
| | 18:45 | 19:16 | | (49312) rieat Snields | FALSE | 15 | | FALSE | | | | 0 |
| HWDT | 19:16 | | 11-O : Operating 14-ABNO : Available but not operating | | TRUE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 10:33 | | 11-O : Operating | | FALSE | 14 11 | FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | | - |
| HWDT | 10:33 | | | | FALSE | | | | | | 0 | 0 |
| | | | 14-ABNO : Available but not operating | | | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:26 16:04 | | 11-O : Operating 14-ABNO : Available but not operating | | FALSE FALSE | 11 | TRUE | FALSE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 16:04 18:56 | | 14-ABNO : Available but not operating 14-ABNO : Available but not operating | | TRUE | 14 | FALSE FALSE | FALSE TRUE | TRUE FALSE | | 0 | 0 |
| HWDT | 18:56 | 40.40 | | 44004.0.5.10.10.10.11.11.11 | FALSE | 14 | | | | FALSE | 1 | 0 |
| | | 19:10 | 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 19:10 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE TRUE | FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 20:32 2014/07/05 7:52 | | 14-ABNO : Available but not operating 14-ABNO : Available but not operating | | TRUE FALSE | 14 14 | FALSE FALSE | FALSE | TRUE FALSE | FALSE | 0 | 0 |
| HWDT | 13:09 | | | | FALSE | | | | | | 0 | 0 |
| HWDT | 13:28 | | 11-O : Operating 14-ABNO : Available but not operating | | TRUE | 11 14 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 13:37 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:34 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:00 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:13 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/07/25 3:47 | 11:54 | 21 (1)-FO-1 : Forced Outage - Sudden | (49890) Electrical Distribution System | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | ő | 0 |
| HWDT | 11:54 | | 11-O : Operating | (11111111111111111111111111111111111111 | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:39 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | ō | ō |
| HWDT | 14:53 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:42 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | Ö | ō |
| HWDT | 15:58 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:03 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/09/26 6:58 | 15:53 | 24-MO : Maintenance Outage | (49314) Fuel Supply System to Unit | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:53 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 15:08 | 15:27 | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:27 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 2014/10/02 7:41 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/10/02 8:57 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | Ó | 0 |
| HWDT | 17:00 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:24 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | ō | 0 |
| HWDT | 19:24 | 2014/10/18 7:16 | 21 (4)-FO-4 : Forced Outage - Starting Failure | (49270) Starting System | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | ō | 1 |
| HWDT | 2014/10/18 7:16 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | i | Ó |
| HWDT | 13:00 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:42 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:00 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:19 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 12:53 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:22 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:24 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:45 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:28 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2014/11/17 7:29 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2014/11/17 8:11 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:46 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:07 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 11:54 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:09 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:06 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:45 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:47 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:22 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 14:59 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:25 | 10:52 | 21 (4)-FO-4 : Forced Outage - Starting Failure | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 1 |
| HWDT | 10:10 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:58 19:41 | | 14-ABNO : Available but not operating | (49100) Combustion Turbine | TRUE FALSE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 19:41 | | 12-O (FD) : Operating under Forced Derated | | FALSE FALSE | 12 | TRUE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 23:57 | | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE | 15 12 | FALSE TRUE | FALSE FALSE | TRUE FALSE | FALSE | 0 | 0 |
| HWDT | 2014/12/09 4:42 | | 12-O (FD) : Operating under Forced Derated 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | FALSE | TRUE | TRUE | FALSE | 0 | |
| | 2014/12/08 6:5/ | | 13-ADINO (1 D) . Available but not operating - Porced Derated | | | | | | | FALSE | U | 0 |
| HWDT | 13:09 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |

| HWDT | 14:11 | 15-AE | BNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | |
|--|---|---|--|---|---|----------------------------------|--|---|--|---|----------------------------|--|
| HWDT | 16:09 | | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 17:11 | 15:10 21 (1 |)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | |
| HWDT | 14:03 | 12-0 | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | |
| HWDT | 15:31 | 15-46 | BNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 15:48 | 13-71 |): Operating | (49314) I del Supply System to Onit | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | | |
| HWDT | | | | | | | | | | | 0 | |
| | 18:16 | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 11:26 | |): Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 12:46 | 11-0 |): Operating | | FALSE | 11 | TRUE | FALSE | TRUE | FALSE | 0 | |
| HWDT | 15:12 | 14-AE | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 15:10 | | (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | |
| HWDT | 19:18 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | |
| | | | BNO (FD) : Available but not operating - Forced Derated | | | | | | | | | |
| HWDT | | | I)-FO-4 : Forced Outage - Starting Failure | (49270) Starting System | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 2014/12/31 7:10 | 11-0 |): Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 13:36 | 11-0 | : Operating | | FALSE | 11 | TRUE | FALSE | TRUE | FALSE | 0 | |
| HWDT | 19:58 | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | ō | |
| HWDT | 2015/01/01 6:11 | |): Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| | | | | | | | | | | | | |
| HWDT | 2015/01/01 8:18 | |): Operating | | FALSE | 11 | TRUE | FALSE | TRUE | FALSE | 0 | |
| HWDT | 19:15 | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 2015/01/03 6:15 | 11-0 | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 21:35 | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 2015/01/06 6:41 | | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| | | | | | | | | | | | | |
| HWDT | 20:38 | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 16:32 | 11-0 |): Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 21:08 | 14-AE | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 2015/01/08 9:43 | 10:59 21 (4) |)-FO-4 : Forced Outage - Starting Failure | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | ō | |
| HWDT | 10:59 | | (SD): Operating under Scheduled Derated | (49294) Exhaust Hood/Doors | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 11:50 | |) : Operating under scrieduled berated | (************************************* | FALSE | | | | | | | |
| וטיייח | | | | | FALSE | 11 | TRUE | FALSE | TRUE | FALSE | 0 | |
| | 2015/01/08 | | BNO (SD): Available but not operating - Scheduled | | | | | | | | | |
| HWDT | 13:39 | Derat | | (49294) Exhaust Hood/Doors | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 16:15 | 16:55 13-O | (SD): Operating under Scheduled Derated | (49294) Exhaust Hood/Doors | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 16:55 | |) : Operating | | FALSE | 11 | TRUE | FALSE | TRUE | FALSE | 0 | |
| HWDT | 20:57 | | | | TRUE | 14 | | | | FALSE | 0 | |
| | 20:57 | | BNO : Available but not operating | | | | FALSE | TRUE | TRUE | | | |
| HWDT | 2015/01/09 6:23 | | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 11:01 | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 16:49 | 11-0 | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 19:15 | 14-AF | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 2015/01/12 8:07 | |): Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | ō | |
| HWDT | 10:00 | | BNO : Available but not operating | | TRUE | | FALSE | TRUF | TRUE | FALSE | | |
| | | | | | | 14 | | | | | 0 | |
| HWDT | 15:33 | | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 20:04 | 14-AE | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 2015/01/14 6:49 | 11-0 | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 10:45 | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | ō | |
| HWDT | 16:05 | 11.0 | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| | | | | | | | | | | | | |
| HWDT | 18:14 | 14-At | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 13:14 | 11-0 | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 17:38 | 14-AE | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 2015/01/22 9:29 | 11-0 | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | ō | |
| HWDT | 12:54 | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 2015/01/23 9:45 | | | | FALSE | 14 | TRUE | FALSE | FALSE | FALSE | 0 | |
| | | | : Operating | | | | | | | | | |
| HWDT | 12:52 | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 15:12 | 11-0 | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 21:17 | 14-AE | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 2015/02/04 6:55 | 11-0 | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 2015/02/04 8:09 | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| | | | | | | | | | | | | |
| HWDT | 2015/02/05 6:46 | | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 2015/02/05 9:08 | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 10:21 | 11-0 | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 16:47 | 14-AF | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 2015/02/09 6:31 | | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 12:02 | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| | | | | | | | | | | | | |
| HWDT | 15:53 | | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 20:56 | 14-AE | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 2015/02/10 6:55 | | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 13:35 | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 2015/02/11 8:32 | | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 18:28 | 14 15 | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 2015/02/12 6:47 | |): Operating | | FALSE | | TRUE | FALSE | FALSE | | | |
| | | | | | | 11 | | | | FALSE | 0 | |
| HWDT | 18:54 | | BNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | |
| HWDT | 11:19 | | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 17:08 | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 11:38 | |): Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 15:42 | | | | TRUE | | | | | | | |
| | | | BNO : Available but not operating | | | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | 10:23 | |): Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 16:02 | | BNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | |
| | 15:55 | 16:50 21 (1) |)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | |
| | 16:50 | | : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| | | | BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT | | 14-At |): Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT HWDT | 20:15 | | | | | | | | | | | |
| HWDT HWDT HWDT | 20:15 2015/02/25 6:36 | | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | |
| HWDT HWDT HWDT HWDT | 20:15 2015/02/25 6:36 2015/02/25 8:39 | 14-AE | BNO : Available but not operating | | | 21 | | | | | | |
| HWDT HWDT HWDT HWDT | 20:15 2015/02/25 6:36 2015/02/25 8:39 | 14-AE | I)-FO-1 : Forced Outage - Sudden | (49800) Generator | FALSE | | FALSE | FALSE | FALSE | FALSE | 0 | |
| HWDT HWDT HWDT HWDT HWDT | 20:15 2015/02/25 6:36 2015/02/25 8:39 22:57 | 14-AE 2015/02/27 0:16 21 (1 |)-FO-1 : Forced Outage - Sudden | (49800) Generator | | | | | | | | |
| HWDT HWDT HWDT HWDT HWDT HWDT | 20:15 2015/02/25 6:36 2015/02/25 8:39 22:57 2015/02/27 0:16 | 14-AE 2015/02/27 0:16 21 (1) 14-AE | I)-FO-1 : Forced Outage - Sudden BNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 20:15 2015/02/25 6:36 2015/02/25 8:39 22:57 2015/02/27 0:16 2015/02/27 1:13 | 14-AE 2015/02/27 0:16 21 (1) 14-AE 15:18 21 (1) | I)-FO-1 : Forced Outage - Sudden BNO : Available but not operating I)-FO-1 : Forced Outage - Sudden | (49800) Generator (49800) Generator | TRUE FALSE | 14 21 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 0 | |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 20:15 2015/02/25 6:36 2015/02/25 8:39 22:57 2015/02/27 0:16 2015/02/27 1:13 15:18 | 14-AE 2015/02/27 0:16 21 (1) 14-AE 15:18 21 (1) 14-AE | i)-FO-1 : Forced Outage - Sudden BNO : Available but not operating i)-FO-1 : Forced Outage - Sudden BNO : Available but not operating | (49800) Generator | TRUE FALSE FALSE | 14 21 14 | FALSE FALSE FALSE | TRUE FALSE FALSE | FALSE FALSE | FALSE FALSE FALSE | 1 0 0 | |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 20:15 2015/02/25 6:36 2015/02/25 8:39 22:57 2015/02/27 0:16 2015/02/27 1:13 15:18 2015/02/28 5:47 | 14-AE 2015/02/27 0:16 21 (1) 14-AE 15:18 21 (1) 14-AE 13-O | I)-FO-1 : Forced Outage - Sudden BNO : Available but not operating I)-FO-1 : Forced Outage - Sudden BNO : Available but not operating (SD) : Operating under Scheduled Derated | | TRUE FALSE FALSE FALSE | 14 21 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 0 | |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 20:15 2015/02/25 6:36 2015/02/25 8:39 22:57 2015/02/27 0:16 2015/02/27 1:13 15:18 2015/02/28 5:47 | 14-AE 2015/02/27 0:16 21 (1) 14-AE 15:18 21 (1) 14-AE 13-O | I)-FO-1 : Forced Outage - Sudden BNO : Available but not operating I)-FO-1 : Forced Outage - Sudden BNO : Available but not operating (SD) : Operating under Scheduled Derated | (49800) Generator | TRUE FALSE FALSE FALSE | 14 21 14 | FALSE FALSE FALSE | TRUE FALSE FALSE | FALSE FALSE | FALSE FALSE FALSE | 1 0 0 | |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 20:15 2015/02/25 6:36 2015/02/25 8:39 22:57 2015/02/27 0:16 2015/02/27 1:13 15:18 2015/02/28 5:47 2015/02/28 6:48 | 14-AE 2015/02/27 0:16 21 (1) 14-AE 15:18 21 (1) 14-AE 13-O 11-O |)-FO-1 : Forced Outage - Sudden BNO : Available but not operating)-FO-1 : Forced Outage - Sudden BNO : Available but not operating ((SD) : Operating under Scheduled Derated): Operating | (49800) Generator | FALSE FALSE FALSE FALSE | 14 21 14 13 11 | FALSE FALSE FALSE TRUE TRUE | TRUE FALSE FALSE FALSE FALSE | FALSE FALSE FALSE TRUE | FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 | |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 2015/02/25 6:36 2015/02/25 8:39 2015/02/25 8:39 22:57 2015/02/27 0:16 2015/02/27 1:13 15:18 2015/02/28 6:48 2015/02/28 6:48 | 14-Al 2015/02/27 0:16 21 (1) 14-Al 15:18 21 (1) 14-Al 13-O 11-O |)-FO-1 : Forced Outage - Sudden BNO : Available but not operating)-FO-1 : Forced Outage - Sudden BNO : Available but not operating (SD) : Operating under Scheduled Derated : Operating BNO : Available but not operating | (49800) Generator (49100) Combustion Turbine | TRUE FALSE FALSE FALSE FALSE TRUE | 14 21 14 13 11 | FALSE FALSE FALSE TRUE TRUE FALSE | TRUE FALSE FALSE FALSE FALSE TRUE | FALSE FALSE FALSE TRUE TRUE | FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 | |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 20:15 2015/02/25 6:36 2015/02/25 8:39 22:57 2015/02/27 0:16 2015/02/27 1:13 15:18 2015/02/28 6:48 2015/02/28 6:48 2015/02/28 6:48 10:28 | 14-AE 2015/02/27 0:16 21 (1) 14-AE 15:18 21 (1) 14-AE 13-O 11-O 14-AE 13-O 11-O 13-O | -FO-1 : Forced Outage - Sudden BNO : Available but not operating -FO-1 : Forced Outage - Sudden BNO : Available but not operating (SD) : Operating under Scheduled Derated : Operating SD : Operating under Scheduled Derated | (49800) Generator | TRUE FALSE FALSE FALSE FALSE FALSE FALSE TRUE FALSE | 14 21 14 13 11 14 | FALSE FALSE FALSE TRUE TRUE FALSE TRUE | TRUE FALSE FALSE FALSE FALSE TRUE FALSE | FALSE FALSE FALSE TRUE TRUE FALSE | FALSE FALSE FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 0 | |
| HWDT HWDT HWDT HWDT HWDT HWDT HWDT HWDT | 2015/02/25 6:36 2015/02/25 8:39 2015/02/25 8:39 22:57 2015/02/27 0:16 2015/02/27 1:13 15:18 2015/02/28 6:48 2015/02/28 6:48 | 14-AI 2015/02/27 0:16 21 (1 14-AI 15:18 21 (1 14-AI 13-0 11-0 14-AI 13-0 14-AI |)-FO-1 : Forced Outage - Sudden BNO : Available but not operating)-FO-1 : Forced Outage - Sudden BNO : Available but not operating (SD) : Operating under Scheduled Derated : Operating BNO : Available but not operating | (49800) Generator (49100) Combustion Turbine | TRUE FALSE FALSE FALSE FALSE TRUE | 14 21 14 13 11 | FALSE FALSE FALSE TRUE TRUE FALSE | TRUE FALSE FALSE FALSE FALSE TRUE | FALSE FALSE FALSE TRUE TRUE | FALSE FALSE FALSE FALSE FALSE | 1 0 0 0 0 | |

| HWDT | 12:18 | | | BNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
|------|-----------------|-----------------|--------|--|--------------------------------------|-------|----------|-------|-------|-------|-------|-----|---|
| HWDT | 16:35 | | | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:23 | | 15-AE | BNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:08 | | 15-AE | BNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:08 | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 23:11 | | | | | TRUE | | FALSE | TRUE | TRUE | | 0 | 0 |
| | | | | | (49314) Fuel Supply System to Unit | | 15 | | | | FALSE | U | |
| HWDT | 2015/03/04 6:11 | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/03/04 7:52 | 2015/03/04 9:27 | 21 (1) | -FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/03/04 9:27 | | 12-0 | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:35 | | 15-AE | BNO (FD): Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:21 | 11:25 | | -FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:25 | 11.20 | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:32 | | | | | TRUF | | FALSE | TRUE | TRUE | | - | |
| | | | 15-AE | BNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | | 15 | | | | FALSE | 0 | 0 |
| HWDT | 2015/03/06 4:10 | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:58 | | | BNO (FD): Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/03/07 8:50 | | 12-0 | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 19:07 | | 15-AE | BNO (FD): Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/03/08 7:38 | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | ō |
| HWDT | 2015/03/08 8:33 | | | | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:00 | | | (FD) : Operating under Forced Derated | | FALSE | | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | | | (49314) Fuel Supply System to Unit | | 12 | | | | | | |
| HWDT | 20:51 | | | | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/03/10 7:49 | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/03/10 8:46 | | 15-AE | BNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:07 | | 12-0 | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:53 | | 15-AE | BNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/03/12 6:04 | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:57 | | | | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:01 | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | | | | | 12 | | TRUE | | FALSE | ů . | |
| HWDT | 21:26 | | | | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | U | 0 |
| HWDT | 2015/03/13 3:25 | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:17 | | | | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:49 | | 12-0 | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:38 | | | | (49314) Fuel Supply System to Unit | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/03/14 6:38 | | 12-O | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/03/14 9:27 | | | | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/03/16 9:21 | | | | | FALSE | | | | | | 0 | 0 |
| | | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | | 12 | TRUE | FALSE | FALSE | FALSE | 0 | |
| HWDT | 13:20 | | | BNO (FD): Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:51 | 16:29 | 25-PC |): Planned Outage | (49800) Generator | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:29 | | 12-0 | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:34 | | 15-AE | BNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | 2015/03/25 | 2015/03/25 | | | (49850) Synchronous Condenser | | | | | | | | |
| HWDT | 15:12 | 15:58 | 21 (1) | -FO-1 : Forced Outage - Sudden | Equipment | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:58 | | | | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:03 | | | | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/04/02 6:36 | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | | | | | | | | | | 0 | |
| HWDT | 2015/04/02 8:13 | | | | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/04/16 7:24 | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:49 | | 15-AE | BNO (FD): Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:29 | | 12-0 | (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:19 | | 15-AF | BNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUF | 15 | FALSE | TRUE | TRUE | FALSE | 0 | ō |
| HWDT | 2015/04/21 7:11 | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | ō |
| HWDT | 2015/04/21 8:41 | | | | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | |
| | | | | | | | | | | | | 0 | 0 |
| HWDT | 2015/04/22 7:31 | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/04/22 8:45 | | | | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/04/28 7:58 | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/04/28 8:46 | 15:36 | 21 (1) | -FO-1 : Forced Outage - Sudden | (49294) Exhaust Hood/Doors | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 15:36 | | 15-AE | BNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 16:41 | | | (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:07 | | 15-AF | BNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 20:59 | | | (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:59 | | | | | TRUE | | | | | | • | |
| HWDI | 21:45 | 004505 | 13-AE | BNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | IRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| 1 | | 2015/07/28 | | | (49950) Fuel Management Controls and | _ | | | | | | | _ |
| HWDT | 2015/05/29 8:24 | 18:42 | 25-PC |): Planned Outage | Instrumentation | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:42 | | 12-0 | (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 19:13 | | 15-AE | BNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | 2015/07/29 | 2015/07/30 | 16-AE | BNO (SD) : Available but not operating - Scheduled | | | | | | | | | |
| HWDT | 15:30 | | Derate | | (49100) Combustion Turbine | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/07/30 | | | BNO (SD) : Available but not operating - Scheduled | | | | | | | | | - |
| HWDT | 17:17 | | Derate | | (49314) Fuel Supply System to Unit | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:00 | | | (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:30 | | | | (49100) Combustion Turbine | TRUE | 12 15 | FALSE | TRUE | TRUE | FALSE | - | 0 |
| HWDT | | | | | | | | | | | | 0 | |
| | 15:16 | | | (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:02 | | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:00 | | | (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:09 | | | BNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 19:20 | | 12-0 | (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 22:27 | | | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:00 | | | (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:52 | | | BNO : Available but not operating | 1.2.23) Compaction Fulbrid | TRUF | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:52 | | 14-AE | PNO (ED) : Available but not operating | (49100) Combustion Turbine | FALSE | | | | | | • | |
| | | | | | | | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:03 | | | (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 23:01 | | 15-AE | BNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 11:43 | | | (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:01 | 20:35 | 21 (1) | -FO-1 : Forced Outage - Sudden | (49811) Generator Bearings | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 20:35 | | | (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | ō |
| HWDT | 20:43 | | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/08/12 8:42 | | | (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/08/12 8:42 | | | (FD) : Operating under Forced Derated BNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | | | | | | | | | | | | Ü | |
| HWDT | 11:08 | | 12-0 | (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:31 | | 15-AE | BNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | | | | | | | | | | | | | |

| HWDT | 20:06 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
|--------|-------------------------------|---|--|----------------|----------|----------------|----------------|---------------|----------------|---|---|
| HWDT | 22:31 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | | 2015/09/13 | (5201) Powerhouse substation (non- | | | | | | | | |
| HWDT | 2015/09/13 9:57 | 12:12 24-MO : Maintenance Outage | Generating Unit Equipment) | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:12 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/09/15 9:56 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE TRUE | 12 | TRUE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 2015/09/27 8:18 | 15-ABNO (FD): Available but not operating - Forced Derated 2015/09/27 9:24 21 (4)-FO-4: Forced Outage - Starting Failure | (49243) Clutch | FALSE | 15 21 | FALSE FALSE | TRUE FALSE | TRUE FALSE | FALSE | 0 | 1 |
| HWDT | 2015/09/27 9:24 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 15:51 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | ō | 0 |
| | 2015/10/05 | 2015/10/09 | (5201) Powerhouse substation (non- | | | | | | | | |
| HWDT | 11:24 | 11:38 25-PO : Planned Outage | Generating Unit Equipment) | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:38 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:08 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 16:24 15:06 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE FALSE | 15 12 | FALSE TRUE | FALSE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 15:08 | 15-ABNO (FD): Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 20:00 | 11:00 21 (1)-FO-1 : Forced Outage - Sudden | (49294) Exhaust Hood/Doors | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | Ö | Ö |
| HWDT | 11:00 | 15-ABNO (FD) : Available but not operating - Forced Derated 2015/10/23 | (49100) Combustion Turbine (5201) Powerhouse substation (non- | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/10/23 7:52 | 18:27 25-PO : Planned Outage | Generating Unit Equipment) | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:27 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 17:36 2015/11/01 | 13-O (SD): Operating under Scheduled Derated 16-ABNO (SD): Available but not operating - Scheduled | (49100) Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:24 | Derated (SD): Available but not operating - Scheduled | (49100) Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:29 | 13-O (SD) : Operating under Scheduled Derated | (49100) Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/11/02 | 16-ABNO (SD) : Available but not operating - Scheduled | | | | | | | | Ü | |
| HWDT | 18:58 | Derated | (49100) Combustion Turbine | FALSE | 16 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:47 | 13-O (SD) : Operating under Scheduled Derated | (49100) Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/11/03 | 16-ABNO (SD) : Available but not operating - Scheduled | (40400) Combination Tradition | FALSE | | E41.0- | E41.0E | TOUE | E41.0E | | |
| HWDT | 11:07 | Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49243) Clutch | FALSE | 16 15 | FALSE FALSE | FALSE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 20:07 | 12-O (FD) : Operating under Forced Derated | (49243) Clutch | FALSE | 15 12 | TRUE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| HWDT | 23:01 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 13:27 | 13-O (SD) : Operating under Scheduled Derated | (49100) Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | ō | 0 |
| | 2015/11/04 | 16-ABNO (SD) : Available but not operating - Scheduled | | | | | | | | | |
| HWDT | 13:38 | Derated | (49100) Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 17:12 2015/11/04 | 13-O (SD) : Operating under Scheduled Derated | (49100) Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:23 | 16-ABNO (SD) : Available but not operating - Scheduled Derated | (49100) Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:00 | 13-O (SD) : Operating under Scheduled Derated | (49100) Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/11/05 | 16-ABNO (SD) : Available but not operating - Scheduled | (1010) | | | | | | | | |
| HWDT | 18:50 | Derated | (49100) Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/11/11 7:26 | 13-O (SD): Operating under Scheduled Derated | (49100) Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/11/11 | 16-ABNO (SD) : Available but not operating - Scheduled | (40400) Combination Tradition | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 12:01 | Derated 13-O (SD) : Operating under Scheduled Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE | 16 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/11/17 | 16-ABNO (SD) : Available but not operating - Scheduled | (10100) Combaction Faibline | TALOL | 13 | INOL | TALOL | TALOL | TALOL | 0 | U |
| HWDT | 18:26 | Derated | (49100) Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:00 | 13-O (SD): Operating under Scheduled Derated | (49100) Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/11/18 21:57 | 16-ABNO (SD) : Available but not operating - Scheduled Derated | (49100) Combustion Turbine | TRUE | 16 | 541.05 | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/11/19 8:54 | 13-O (SD) : Operating under Scheduled Derated | (49100) Combustion Turbine | FALSE | 13 | FALSE TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/11/19 | 16-ABNO (SD) : Available but not operating - Scheduled | (10100) Combaction Faibline | TALOL | 13 | INOL | TALOL | TALOL | TALOL | 0 | U |
| HWDT | 10:24 | Derated | (49100) Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/11/20 7:23 | 13-O (SD): Operating under Scheduled Derated | (49100) Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | | 16-ABNO (SD) : Available but not operating - Scheduled | | | | | | | | | |
| HWDT | 2015/11/20 9:54 | Derated | (49100) Combustion Turbine | FALSE FALSE | 16 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDI | 2015/11/20 | 13-O (SD): Operating under Scheduled Derated 16-ABNO (SD): Available but not operating - Scheduled | (49100) Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:39 | Derated Derated | (49100) Combustion Turbine | FALSE | 16 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 11:23 | 17:31 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | ő | ő |
| HWDT | 17:31 | 13-O (SD): Operating under Scheduled Derated | (49100) Combustion Turbine | FALSE | 13 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| 1 | 2015/11/23 | 16-ABNO (SD) : Available but not operating - Scheduled | | | | | | | | | |
| HWDT | 17:36 | Derated | (49100) Combustion Turbine | TRUE | 16 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/11/24 5:00 2015/11/24 | 15:00 24-MO : Maintenance Outage 16-ABNO (SD) : Available but not operating - Scheduled | (49800) Generator | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/11/24 | Derated Subj : Available but not operating - Scheduled | (49100) Combustion Turbine | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 10:30 | 14:45 24-MO : Maintenance Outage | (49319) Cooling Water System | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:29 | 11-0 : Operating | , | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:44 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | ō | ō |
| HWDT | 13:57 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 19:04 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:23 21:04 | 11-O : Operating 14-ABNO : Available but not operating | | FALSE TRUE | 11 14 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| HWDT | 2015/12/01 7:28 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/12/01 8:18 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | 2015/12/02 | 16-ABNO (SD) : Available but not operating - Scheduled | | | | | | | | | |
| HWDT | 11:35 | Derated | (49100) Combustion Turbine | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:18 | 14-ABNO : Available but not operating | | FALSE FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:30 17:15 | 11-O : Operating 14-ABNO : Available but not operating | | FALSE | 11 14 | TRUE FALSE | FALSE FALSE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| TIWET | 17:15 | 16-ABNO (SD) : Available but not operating 16-ABNO (SD) : Available but not operating - Scheduled | | FALSE | 14 | FALSE | FALSE | IKUE | FALSE | U | U |
| HWDT | 2015/12/03 9:15 | Derated | (49100) Combustion Turbine | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 13:00 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| HWDT | 16:39 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:16 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 12:07 12:46 | 14-ABNO : Available but not operating 11-O : Operating | | FALSE FALSE | 14 11 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 12:46 | 11-O : Operating 14-ABNO : Available but not operating | | TRUE | 11 14 | TRUE FALSE | FALSE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| 114401 | 10:11 | IT-ADITO . Available but not operating | 1 | INUE | 14 | FALSE | INUE | IKUE | LWF9E | U | U |

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| HWDT | 15:55 | 11-O : Operating | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
|------|-----------------|---------------------------------------|-------|----|-------|-------|-------|-------|---|---|
| HWDT | 16:39 | 14-ABNO : Available but not operating | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/12/10 7:13 | 11-O : Operating | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 2015/12/10 8:21 | 14-ABNO : Available but not operating | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:35 | 11-O : Operating | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:20 | 14-ABNO : Available but not operating | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:35 | 11-O : Operating | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:39 | 14-ABNO : Available but not operating | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:12 | 11-O : Operating | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 18:05 | 14-ABNO : Available but not operating | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:15 | 11-O : Operating | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 17:50 | 14-ABNO : Available but not operating | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 10:40 | 11-O : Operating | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 14:49 | 14-ABNO : Available but not operating | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/12/29 8:17 | 11-O : Operating | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 21:15 | 14-ABNO : Available but not operating | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 16:35 | 11-O : Operating | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:55 | 14-ABNO : Available but not operating | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 2015/12/31 6:48 | 11-O : Operating | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 11:58 | 14-ABNO : Available but not operating | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| HWDT | 18:07 | 11-O : Operating | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| HWDT | 20:45 | 14-ABNO : Available but not operating | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |

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| | | | | | | | | | Danie Otat | Prev Stat | | | |
|------|------------|-----------------|--|---|----------------|----------|----------------|----------------|----------------------------|------------------|-------------------------|--|--|
| Unit | Start_Da | | Finish_Date State Code | Outage Code | SynchCondense | State | Operating? | Synch Cond | Prev Stat !' Operating? | Already S.C.? | Trans to SC? Starting I | Failure? | |
| SVLT | | 10:34 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE FALSE | 12 | TRUE | FALSE | | TRUE | | 0 | |
| SVLT | | 10:42 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE | 15 12 | FALSE TRUE | FALSE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 Number of transitions to 0 Number of starting failure | |
| SVLT | | 11:49 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | Number of starting failure | es 0 |
| SVLT | 2011/01/20 | | 11:12 21 (1)-FO-1 : Forced Outage - Sudden | (49253) Intercoolers | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | Ō | |
| SVLT | | 11:13 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | Starting Failure Code | 21 (4)-FO-4 : Forced Outage - Starting Failure |
| SVLT | | 11:30 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| SVLT | | 15:02 15:16 | 15:16 21 (1)-FO-1 : Forced Outage - Sudden 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 21 15 | FALSE FALSE | FALSE TRUE | FALSE FALSE | FALSE FALSE | 0 | 0 | |
| SVLT | | 14:40 | 12-O (FD) : Operating under Forced Denated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | | 14:41 | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| SVLT | 2011/02/15 | | 14:49 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | | 14:49 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | 2011/02/17 | 7 8:12 15:15 | 15:15 25-PO : Planned Outage | (99999) Other | FALSE | 25 14 | FALSE FALSE | FALSE | FALSE FALSE | FALSE FALSE | 0 | 0 | |
| SVLT | | 13:49 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | | 14:38 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| | 2011/0 | 03/07 | 2011/03/07 | (49311) Internal Cooling and Seal Air | | | | | | | | | |
| SVLT | | 16:23 | 17:46 21 (1)-FO-1 : Forced Outage - Sudden | System and Seals | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | | 17:46 19:00 | 15-ABNO (FD): Available but not operating - Forced Derated 20:07 21 (1)-FO-1: Forced Outage - Sudden | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE | FALSE FALSE | FALSE FALSE | 1 | 0 | |
| SVLT | | 20:07 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 21 15 | FALSE FALSE | FALSE | FALSE | FALSE | 1 | 0 | |
| SVLT | 2011/03/15 | | 14:14 24-MO : Maintenance Outage | (49800) Generator | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | ò | o o | |
| SVLT | 1 | 14:14 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 | |
| 0 | | | 2011/03/16 | (49980) Auxiliaries Controls and | | | | | | _ | | | |
| SVLT | 2011/03/16 | 16:21 | 16:21 24-MO : Maintenance Outage | Instrumentation | FALSE | 24 15 | FALSE FALSE | FALSE TRUE | FALSE FALSE | FALSE FALSE | 0 | 0 | |
| SVLT | 2011/03/18 | | 15-ABNO (FD): Available but not operating - Forced Derated 14:39 25-PO: Planned Outage | (99999) Other | FALSE | 15 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | 1 | 14:46 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | ō | 0 | |
| SVLT | 2011/03/23 | | 11:20 24-MO : Maintenance Outage | (49280) Battery and Charger System | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | | 11:27 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 | |
| SVLT | 2011/03/24 | 16:50 15:28 | 15:28 24-MO: Maintenance Outage 15-ABNO (FD): Available but not operating - Forced Derated | (49280) Battery and Charger System | FALSE TRUE | 24 15 | FALSE FALSE | FALSE | FALSE FALSE | FALSE FALSE | 0 | 0 | |
| SVLT | | 11:49 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | 1 | 12:41 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | 0 | |
| SVLT | | 14:19 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| SVLT | | 14:53 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | 2011/04/20 | 15:00 | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE | 15 15 | FALSE FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 | |
| SVLT | | 13:11 | 12-O (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | | 14:07 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | o o | |
| SVLT | | 14:34 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | | 15:09 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| SVLT | | 10:08 | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE | FALSE FALSE | 0 | 0 | |
| SVLT | | 13:19 | 16:57 25-PO : Planned Outage | (49321) External Cooling Air System | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | | 16:57 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | o o | |
| SVLT | 2011/06/14 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | 2011/06/14 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| SVLT | 2011/06/16 | 12:58 | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE TRUE | 15 15 | FALSE FALSE | FALSE | FALSE FALSE | FALSE FALSE | 0 | 0 | |
| SVLT | | 10:01 | 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | 1 | 13:00 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 | |
| SVLT | 1 | 13:14 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | | 14:11 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| SVLT | | 14:20 14:51 | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE TRUE | 15 15 | FALSE FALSE | FALSE TRUE | FALSE FALSE | FALSE FALSE | 0 | 0 | |
| SVLT | 2011/07/27 | | 16:41 25-PO : Planned Outage | (49293) Exhaust Stack and Silencer | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | | 16:41 | 15-ABNO (FD) : Available but not operating - Forced Derated | | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 | |
| SVLT | 2011/07/29 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | 2011/08/15 | 10:13 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 | |
| SVLT | | 16:29 | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE | 15 15 | FALSE FALSE | FALSE | FALSE FALSE | FALSE FALSE | 0 | 0 | |
| SVLT | | 14:21 | 12-O (FD) : Operating under Forced Denated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | 1 | 15:09 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | ō | Ö | |
| SVLT | 2011/08/26 | | 11:03 24-MO : Maintenance Outage | (49325) Building Fire Protection | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | 2011/09/09 | 11:03 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 | |
| SVLT | | 10:51 | 15-ABNO (FD) : Available but not operating - Forced Derated 15:18 25-PO : Planned Outage | (49100) Combustion Turbine (49321) External Cooling Air System | FALSE | 15 25 | FALSE FALSE | FALSE FALSE | FALSE FALSE | FALSE FALSE | 0 | 0 | |
| SVLT | 1 | 15:18 | 15:18 25-PO : Planned Outage 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 25 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 | |
| SVLT | 2011/09/14 | 1 5:56 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | 2011/09/14 | | 18:48 25-PO : Planned Outage | (5200) Transmission Limitations | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | | 18:48 19:14 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE TRUE | 15 | FALSE FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | 2011/09/15 | | 15-ABNO (FD): Available but not operating - Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE | 15 15 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 | 0 | |
| SVLT | 2011/09/15 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 | |
| SVLT | 2011/09/15 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | o o | 0 | |
| SVLT | | 10:06 | 18:55 25-PO : Planned Outage | (5200) Transmission Limitations | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | | 18:55 19:07 | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE TRUE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | 2011/09/19 | | 15-ABNO (FD): Available but not operating - Forced Derated 19:39 15-ABNO (FD): Available but not operating - Forced Derated | | FALSE | 15 15 | FALSE FALSE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 1 | 0 | |
| SVLT | | 19:39 | 25-PO : Planned Outage | (49100) Combustion Turbine | TRUE | 25 | FALSE | TRUE | FALSE | FALSE | 1 | 0 | |
| SVLT | 2011/09/20 | 7:04 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | 2011/09/20 | | 16:21 25-PO : Planned Outage | (49890) Electrical Distribution System | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 | |
| SVLT | | 16:21 | 15-ABNO (FD) : Available but not operating - Forced Derated 14:38 25-PO : Planned Outage | | TRUE FALSE | 15 25 | FALSE | TRUE FALSE | FALSE | FALSE | 1 | 0 | |
| SVLT | 2011/09/22 | 14:38 | 14:38 25-PO : Planned Outage 15-ABNO (FD) : Available but not operating - Forced Derated | (49325) Building Fire Protection (49100) Combustion Turbine | TRUE | 25 15 | FALSE FALSE | TRUE | FALSE FALSE | FALSE FALSE | 1 | 0 | |
| | | | | , | | 10 | - ALUE | ···· | · ALGE | · ALUE | | - | |

| 0.4.7 | 2011/10/04 | 2011/10/04 | | (49980) Auxiliaries Controls and | 541.05 | | | | | | | |
|-------|-----------------------------------|-----------------|--|--|-------------------------|----------|---------------|----------------|---------------|----------------|---|---|
| SVLT | 10:25 | | 21 (1)-FO-1 : Forced Outage - Sudden | Instrumentation | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:53 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:33 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 14:17 | | 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:04 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 13:22 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:50 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:37 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 11:13 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:59 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 13:17 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:04 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 17:43 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:06 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2011/12/20 7:26 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49890) Electrical Distribution System | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:45 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 14:49 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:41 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 17:46 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49820) Generator Stator | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2012/01/01 0:01 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49820) Generator Stator | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2013/01/01 0:01 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49820) Generator Stator | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:00 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 16:54 | | 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:00 | 12:18 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:18 | | 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 2013/06/01 8:51 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:33 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 12:09 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:40 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 14:41 | | 24-MO : Maintenance Outage | (49313) Supercharging Fan | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:49 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 16:02 | 12:00 | 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 12:01 | | 12-O (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:36 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 13:37 | | 24-MO : Maintenance Outage | (49314) Fuel Supply System to Unit | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:32 | | 12-O (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:02 | | | (49314) Fuel Supply System to Unit | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 14:03 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 12:00 | | 12-O (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:42 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 15:32 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 17:19 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:28 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 13:18 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49800) Generator | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:55 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 10:11 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:43 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | | | 25-PO : Planned Outage | (99999) Other | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2013/07/20 2:57 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 2013/07/25 9:25 | | 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:45 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 14:41 | 15:41 | 24-MO : Maintenance Outage | (49317) Lubrication System | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:41 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 13:21 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:01 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:07 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:42 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:38 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 12:37 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:00 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2013/10/24 9:36 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| SVLT | 11:01 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 12:57 | 21:23 | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 21:23 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 2013/11/14 9:15 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:24 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:10 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 13:52 | | 25-PO : Planned Outage | (49812) Generator Lubrication System | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 20:21 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:30 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:20 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 16:44 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 22:35 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 22:20 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 21:29 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 13:47 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 21:32 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 21:33 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 2014/01/04 2:14 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | | (5203) Transmission equipment beyond | | | | | | | | |
| SVLT | | 2014/01/04 9:57 | 21 (1)-FO-1 : Forced Outage - Sudden | the transmission line | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/01/04 9:57 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:10 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49810) Generator Rotor | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 14:28 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2014/01/04 | 2014/01/04 | | (5203) Transmission equipment beyond | | | | | | | | |
| | 15:33 | 15:56 | 21 (1)-FO-1 : Forced Outage - Sudden | the transmission line | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | | | | | | | | | | | | |
| SVLT | 15:56 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 15:56 19:00 2014/01/05 0:03 | | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE FALSE FALSE | 12 15 | TRUE FALSE | FALSE FALSE | FALSE TRUE | FALSE FALSE | 0 | 0 |

| SVLT | 2014/01/05 21:27 | 2014/01/06 21:48 21 (1)-FO-1 : Forced Outage - Sudden | (5203) Transmission equipment beyond the transmission line | FALSE | 21 | FALSE | FALSE | TRUF | FALSE | 0 | |
|------|---|---|--|------------------------|----------------|------------------------|----------------|----------------|----------------|-------------|---|
| SVLT | 21:27 | 21:48 21 (1)-FO-1 : Forced Outage - Sudden 22:06 21 (1)-FO-1 : Forced Outage - Sudden | | FALSE | 21 21 | FALSE | FALSE | | FALSE | 0 | 0 |
| SVLT | 22:06 | 12-O (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE FALSE | FALSE | 0 | 0 |
| SVLT | 22:10 | 23:14 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | ō |
| SVLT | 23:14 | 12-O (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2014/01/06 | | | | | | | | | | |
| SVLT | 23:43 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/01/07 9:26 | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | 0 |
| SVLT | 2014/01/07 9:33 | 11:29 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 11:29 | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:35 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/01/08 8:25 | 13:19 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2014/01/11 8:53 | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| SVLT | 14:18 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:56 | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | ō |
| SVLT | 11:21 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:05 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 12:26 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:23 18:16 | | (49100) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 19:14 | 11-O : Operating 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 11 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| SVLT | 10:42 | 12-O (FD): Available but not operating - Porced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUF | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:37 | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | ō |
| SVLT | 2014/02/04 8:46 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:59 | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 11:23 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:57 17:12 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| SVLT | 17:12 | | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | TRUE FALSE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| SVLT | 2014/02/07 6:14 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE | 15 12 | TRUE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| SVLT | 10:00 | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 12:21 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | 0 |
| SVLT | 13:25 | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/02/10 4:15 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 16:19 17:04 | 17:04 21 (2)-FO-2 : Forced Outage - Immediately Deferrable | (49100) Combustion Turbine | FALSE FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 21:36 | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | TRUE | FALSE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| SVLT | 2014/02/11 6:39 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2014/02/11 9:45 | 11:53 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | ō |
| SVLT | 11:53 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2014/02/13 9:37 | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 20:04 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 21:05 2014/02/18 6:05 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 12 | FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| SVLT | 2014/02/18 6:05 | | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:25 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:45 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | ō | 0 |
| SVLT | 17:50 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 19:55 | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:20 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:46 15:55 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 12 | FALSE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| SVLT | 17:06 | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:00 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | ō |
| SVLT | 15:37 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 15:01 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 16:15 | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:00 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE FALSE | 12 15 | TRUE FALSE | FALSE FALSE | FALSE | FALSE FALSE | 0 | 0 |
| SVLT | 2014/03/04 6:00 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2014/03/04 9:26 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 11:57 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:39 | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 15:27 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 22:59 2014/03/05 5:32 | | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE FALSE | TRUE FALSE | FALSE | 0 | 0 |
| SVLT | 2014/03/05 5:32 | 12-O (FD): Operating under Forced Derated 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| SVLT | | 2014/03/06 6:54 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2014/03/06 6:54 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ő | 0 |
| SVLT | | 2014/03/06 9:56 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/03/06 9:56 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:23 15:33 | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE FALSE | TRUE FALSE | FALSE | 0 | 0 |
| SVLT | 15:33 | 12-O (FD) : Operating under Forced Derated 16:18 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine (49314) Fuel Supply System to Unit | FALSE | 12 21 | TRUE FALSE | FALSE | TRUE | FALSE FALSE | 0 | 0 |
| SVLT | 16:18 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 21:42 | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/03/07 5:51 | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | 0 |
| SVLT | 2014/03/07 9:04 | | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 2014/03/10 5:54 | 10:09 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:09 | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:18 2014/03/11 7:10 | 15-ABNO (FD): Available but not operating - Forced Derated 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE FALSE | 15 12 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| SVLT | 2014/03/11 7:10 | 12-O (FD) : Operating under Forced Derated 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine (49100) Combustion Turbine | TRUE | 12 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | 2014/03/19 5:37 | 12-O (FD): Available but not operating - Porced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | | | | | | | | | | | |
| SVLT | 2014/03/19 9:07 | 15:36 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| | 2014/03/19 9:07 15:36 2014/03/25 9:24 | | (49100) Combustion Turbine (49100) Combustion Turbine (49100) Combustion Turbine | FALSE TRUE FALSE | 24 15 12 | FALSE FALSE TRUE | TRUE FALSE | FALSE FALSE | FALSE FALSE | 0 1 0 | 0 |

| SAME 19-24 SAME OF FD) Analask but or opening from December 19-25 SAME OF FD) Analask but | | | |
|---|---------|-----|-----|
| 10.00 | FALSE 0 | 0 / | 0 |
| SALT | FALSE 0 | 0 | 0 |
| 10.00 | | | ō |
| Section 17.5 1.0 | | | o o |
| Section 19.50 19 | | | 0 |
| Section | | | |
| Section | | | 0 |
| STATE | | | 0 |
| SMIT 13-44 15-0 (FID) Opening using Front Denied (HID) Combination Turbins FALSE 12 FALSE FALS | | | 0 |
| STATE 14-33 | FALSE 0 | 0 / | 0 |
| SULT 14-20 13-20 | FALSE 0 | 0 0 | 0 |
| SULT 14-20 13-20 | FALSE 0 | | 0 |
| STATE 15-20 15-2 | | | 0 |
| SALT | | | 0 |
| Section Sect | | | 0 |
| \$1 | | | 0 |
| SYLT | | | |
| \$2014-05766 \$2014-05766 | | | 0 |
| Sylt | FALSE 0 | 0 / | 0 |
| Section 14.44 15.46RO (PD) Available but not operating - Forced Detailed 14.26RO (P | | | |
| SVIT 100 | FALSE 0 | 0 / | 0 |
| SULT 13-05 15-AMO (PD) . Available but not operating - Forced Detends (4910) Combustors Turbins FALSE 15 FALSE FALSE FALSE SULT 20140006 20140007 2014007 20 | FALSE 1 | 1 / | 0 |
| SYLT 10-00 20-00 | FALSE 0 | 0 / | 0 |
| SVIT | FALSE 1 | 1 (| 0 |
| 2014/00006 2014/00006 2014/00006 2014/00-1- Proceed Outsign - Florand Detailed 40000 2014/00-1- Proceed Outsign - Florand Detailed 40000 | FALSE 0 | | 0 |
| 2014-00000 101-00000 111-000 111-000 111-000 111-0000 111-000 111-000 111-000 111-000 111-000 111-000 111-000 111-000 111-000 111-000 111-0000 | FALSE 0 | 0 | 0 |
| SNLT | 171202 | | • |
| SIVIT 11:00 15-ARNO (FD) Available but not operating - Forced Detailed (19/100) Combustion Turbine FALSE 15 FALSE FALS | EALCE 1 | 4 | 0 |
| SVIT 11-30 12-0 (FI) Operating under Forced Detailed 49/203 (Enhanced State of State | | | 0 |
| SVIT 12-48 | | | |
| SVIT 13-64 | | 0 1 | 0 |
| SVLT | | | 0 |
| SVLT | | | 0 |
| SVLT 1-848 | | | 0 |
| SVIT | FALSE 0 | 0 0 | 0 |
| SVLT 17-38 12-0 (FIP) : Operating under Forced Dentald (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE SVLT 12-55 12-0 (FIP) : Operating under Forced Dentald (49100) Combustion Turbine FALSE 12 TRUE FALSE FALS | FALSE 0 | 0 0 | 0 |
| SVLT 18-24 15-84NO (FP) - Available but not operating - Forced Demand (49100) Combustion Turbine FALSE 12 FALSE | FALSE 0 | | 0 |
| SVLT 12:56 12-0 (FD) Operating under Forced Demanded (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE SVLT 2014/08/08 62:0 12-0 (FD) Operating under Forced Demanded (49100) Combustion Turbine FALSE 12 TRUE FALSE | FALSE 0 | | 0 |
| SVLT 1413 15-88NO (FP) - Available but not operating - Forced Demated 49100 Corrobuston Turbine FALSE 12 TRUE FALSE FALSE SVLT 20140806 8-20 15-2 (FID) - Questing under Forced Demated 49100 Corrobuston Turbine FALSE 12 TRUE FALSE FALSE SVLT 20140806 8-20 15-2 (FID) - Questing under Forced Demated 49100 Corrobuston Turbine FALSE 24 FALSE FALSE FALSE SVLT 20140806 8-20 15-2 (FID) - Available but not operating - Forced Demated 49100 Corrobuston Turbine FALSE 14 FALSE FALSE FALSE FALSE FALSE FALSE 74 74 75 75 75 75 75 75 | | | 0 |
| SVLT 2014/08/06 9-20 12-O (FI) Operating under Forced Dented (49100) Combustion Turbine TRUE FALSE FALSE FALSE FALSE SVLT 2014/08/05 9-20 16-14 2-Mol. Namemance Outage (49100) Combustion Turbine TRUE FALSE | FALSE 0 | | 0 |
| SVLT 2014/00/16 942 15.46NO (FD) Available but not operating - Forced Derated (49100) Combustion Turbine FALSE F | | | 0 |
| SVLT 2014/09/129/08 18-14 2-MO. Maintenance Outage (49100) Combustion Turbine FALSE 24 FALSE FALSE FALSE SVLT 13-12 15-ABNO (FD). Available but not operating - Forced Dentald (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE SVLT 13-12 15-ABNO (FD). Available but not operating - Forced Dentald (49100) Combustion Turbine TRUE 15 FALSE | | | |
| SVLT 18-14 | | | 0 |
| SVLT 13:12 15-ABNO (FD) : Available but not operating - Forced Denated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE SVLT 2014/09/18 8:09 12-0 (FD) : Operating under Forced Denated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE SVLT 2014/09/18 8:09 12-0 (FD) : Operating under Scheduled Denated (49100) Combustion Turbine FALSE 13 TRUE FALSE FALSE FALSE FALSE SVLT 10:00 13-0 (SD) : Operating under Scheduled Denated (49100) Combustion Turbine FALSE 13 TRUE FALSE FALS | | 0 / | 0 |
| SVLT 17-30 15-ABNO (FD) Available but not operating Forced Detailed (49100) Combustion Turbine TRUE 15 FALSE TRUE FALSE SVLT 20-16 15-ABNO (FD) Available but not operating Forced Detailed (49100) Combustion Turbine TRUE 15 FALSE TRUE TRUE FALSE SVLT 20-16 13-ABNO (FD) Available but not operating Forced Detailed (49100) Combustion Turbine TRUE 15 FALSE TRUE TRUE FALSE SVLT 20-14 10-00 13-ABNO (FD) Available but not operating Scheduled (49100) Combustion Turbine FALSE | | | 0 |
| SVLT 2014/09/18 6:09 12-O (FD) Corresting under Forced Derated 49100 Combustion Turbine FALSE TRUE FALSE FALSE SVLT 10:00 13-O (SD) Operating under Scheduled Derated 49100 Combustion Turbine FALSE TRUE FALSE FALSE FALSE FALSE SVLT 2014/10/02 16-ABNO (SD) Available but not operating - Scheduled 49100 Combustion Turbine FALSE | FALSE 0 | 0 / | 0 |
| SVLT 2014/09/18 6:09 12-O (FD) : Operating under Forced Detated (49100) Combustion Turbine FALSE TRUE FALSE FALSE SVLT 20.100 13-O (SD) : Operating under Scheduled Detated (49100) Combustion Turbine FALSE TRUE FALSE FALSE FALSE SVLT 2014/10/02 16-ABNO (SD) : Available but not operating - Scheduled Detated (49100) Combustion Turbine FALSE FALSE FALSE FALSE FALSE FALSE SVLT 2014/10/02 (30-0) | FALSE 1 | 1 (| 0 |
| SVLT 20:15 15-ABNO (FD) Available but not operating - Forced Derated 49:100) Combustion Turbine FALSE 13 TRUE FALSE FALSE SVLT 20:14/1002 16-ABNO (SD) Available but not operating - Scheduled 49:100) Combustion Turbine FALSE 16 FALSE FALSE FALSE SVLT 20:14/1004 22:5 10:00 25-PC - Planned Outage 49:100 Combustion Turbine FALSE 54 55 5 | FALSE 0 | 0 / | 0 |
| SVLT 10:00 13-0 (SD): Operating under Scheduled Derated 49100) Combustion Turbine FALSE SVLT 11:18 Derated 49100 (SD) Combustion Turbine FALSE 54.SE FALSE FALSE FALSE SVLT 2014/1004 82:6 10:00 25-Pc) Planned Outage 49100) Combustion Turbine FALSE 55 FALSE FALSE FALSE FALSE FALSE FALSE SVLT 10:00 13-0 (SD): Operating under Scheduled Derated 49100) Combustion Turbine FALSE 55 FALSE FAL | | | 0 |
| SULT | | | ō |
| SVLT 11:18 | | | - |
| SVLT 2014/1004 826 10.00 25-PC Planned Outage 49100 Combustion Turbine FALSE 25 FALSE FALSE FALSE SVLT 1000 13-0 (SD) Combustion Turbine FALSE 13 TASE FALSE FALSE FALSE SVLT 11:24 Derated 49100 Combustion Turbine FALSE 14 Derated 49100 Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE SVLT 11:25 25-PC Planned Outage 69999 Other FALSE 25 FALSE FALSE FALSE FALSE FALSE SVLT 11:36 13-0 (SD) Combustion Turbine FALSE 25 FALSE | FALSE 0 | 0 | 0 |
| SVLT 10:00 13-0 (SD) : Operating under Scheduled Derated 49100) Combustion Turbine FALSE 13 TRUE FALSE FALSE FALSE SVLT 11:24 Derated 49100 Combustion Turbine FALSE 16 FALSE FALSE FALSE FALSE SVLT 11:25 25-PO : Planned Outage 49900) Other FALSE SVLT 11:38 13-0 (SD) : Operating under Scheduled Derated 49100) Combustion Turbine FALSE SVLT 11:38 13-0 (SD) : Operating under Scheduled Derated 49100) Combustion Turbine FALSE TRUE FALSE | | | |
| SVLT | | | 0 |
| SVLT | FALSE 0 | 0 (| 0 |
| SVLT | | | |
| SVLT 11:38 13-O (SD) : Operating under Scheduled Derated (49100) Combustion Turbine FALSE TALSE FALSE FALSE FALSE SVLT 12:44 Derated (49100) Combustion Turbine FALSE 16 FALSE FALSE FALSE FALSE SVLT 12:42 14:53 25-PO : Planned Outage (9999) Other FALSE 25 FALSE F | | | 0 |
| SVLT 12:41 Derated (49100) Combustion Turbine FALSE 16 FALSE 74LSE 7 | FALSE 0 | | 0 |
| SVLT 12:44 Derated | FALSE 0 | 0 / | 0 |
| SVLT 12-41 Derated (49100) Combustion Turbine FALSE 16 FALSE FALSE FALSE FALSE SVLT 14-54 14-53 25-PO : Planned Outage (9999) Other FALSE 25 FALSE FALSE FALSE FALSE FALSE FALSE SVLT 21-12 Derated (49100) Combustion Turbine FALSE 13 TRUE FALSE FAL | | | |
| SVLT 12-42 14-53 25-PO : Planned Outage (99999) Other FALSE 13 TRUE FALSE | FALSE 0 | 0 / | 0 |
| SVLT 14-54 13-O (SD) : Operating under Scheduled Derated (49100) Combustion Turbine FALSE 13 TRUE FALSE FALSE FALSE SVLT 21:12 Derated (49100) Combustion Turbine FALSE 16 FALSE FALSE FALSE FALSE FALSE FALSE SVLT 21:13 25-PO : Planned Outage (9999) Other FALSE 25 FALSE | | | ō |
| SVLT 21:13 25-PO: Planned Outage (99999) Other FALSE 16 FALSE 54.SE FALSE FALSE FALSE 55.VLT 21:13 25-PO: Planned Outage (99999) Other FALSE 13 TRUE FALSE FAL | | | 0 |
| SVLT 21:12 Derated | 171202 | | • |
| SVLT 2014/10/23 13-0/(SD) : Operating under Scheduled Derated 49100) Combustion Turbine FALSE 13 TRUE FALSE FALSE FALSE FALSE SVLT 2014/10/23 16-ABNO (FD) : Available but not operating - Scheduled 49100) Combustion Turbine FALSE 16 FALSE FALSE FALSE FALSE FALSE SVLT 15-40 15-23 25-PO : Planned Outage 69999) Other FALSE 16 FALSE | FALSE 0 | 0 | 0 |
| SVLT 2014/10/23 61-2 13-0 (SD) : Operating under Scheduled Derated (49100) Combustion Turbine FALSE 13 TRUE FALSE FALSE FALSE SVLT (15-54) 15-23 25-PO : Planned Outage (9999) Other FALSE 25-PO : Planned Outage (9999) Other | | | 0 |
| SVLT | | | 0 |
| SVLT 15:46 Derated | FALSE 0 | 0 (| U |
| SVLT 15:51 15:23 25-PO Planned Outage 99999 Other FALSE 25 FALSE FALSE FALSE SVLT 15:24 15:40 15:40 15:40 16:40 | 511.05 | | |
| SVLT 15:23 15:ABNO (FD) : Available but not operating - Forced Derated 09999 Other FALSE 24 | | | 0 |
| SVLT 15:24 18:04 24-MO: Maintenance Outage (9999) Other FALSE 12 TRUE FALSE FALSE FALSE SVLT 18:04 12:0 (FD): Operating under Forced Derated (49100) Combustion Turbine TRUE 15 FALSE TRUE FALSE SVLT 18:51 15:48NO (FD): Available but not operating - Forced Derated (49100) Combustion Turbine TRUE 15 FALSE TRUE TRUE FALSE SVLT 18:52 10:00 25:40:18NO (FD): Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 25 FALSE FALSE FALSE FALSE SVLT 11:24 (10:00) (12:0 (FD): Operating under Forced Derated (49100) Combustion Turbine FALSE 15 TRUE FALSE FALSE FALSE FALSE SVLT 11:25 (2014/1/20.921) 24:MO: Maintenance Outage (9999) Other FALSE 24 FALSE FALSE FALSE FALSE SVLT 10:48 (2014) (17:00.921) 24:MO: Maintenance Outage (49100) Combustion Turbine FALSE 24 FALSE FALSE FALSE FALSE SVLT 11:24 (2014) (17:00.921) 24:MO: Maintenance Outage (49100) Combustion Turbine FALSE 21 FALSE FALSE FALSE FALSE SVLT 11:01 (20.0 (FD): Operating under Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE FALSE SVLT 11:14 (15:48NO) (FD): Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE SVLT 11:14 (15:48NO) (FD): Operating under Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE SVLT 11:14 (15:48NO) (FD): Operating under Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE SVLT 11:14 (15:48NO) (FD): Operating under Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE FALSE SVLT 15:19 (12:0 (FD): Operating under Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE FALSE SVLT 15:19 (12:0 (FD): Operating under Forced Derated (49100) Combustion Turbine FALSE 15 F | | | 0 |
| SVLT 18:04 12-0 (FD) : Operating under Forced Derated 49100 Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE SVLT 18:51 15-KANO (FD) : Available but not operating - Forced Derated 49100 Combustion Turbine FALSE 25 FALSE FALSE FALSE SVLT 10:00 12-0 (FD) : Operating under Forced Derated 49100 Combustion Turbine FALSE 12 TRUE FALSE F | | | 0 |
| SVLT 18:51 15-ABNO (FD): Available but not operating - Forced Derated 49100) Combustion Turbine TRUE 15 FALSE TRUE TRUE FALSE SVLT 18:52 10:00 25-PC : Planned Outage 99999) Other FALSE 25 FALSE FALSE FALSE FALSE FALSE SVLT 10:00 12-O (FD) : Operating under Forced Derated 49100) Combustion Turbine FALSE 12 TRUE FALSE FA | | | 0 |
| SVLT 18:51 15-ABNO (PD) : Available but not operating - Forced Derated 49100) Combustion Turbine TRUE 15 FALSE TRUE FALSE SVLT 18:52 10:00 25-PO : Planned Outage 49990) Other FALSE 25 FALSE 25 FALSE 74.15 | | 0 / | 0 |
| SVLT 18:52 10:00 25-PO: Planned Outage (9999) Other FALSE 54.SE FALSE FALSE FALSE SVLT 10:00 12:0 (FID:) Operating under Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE SVLT 11:24 15-ABNO (FD): Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FA | | | 0 |
| SVLT 10:00 12-O (FD) : Operating under Forced Derated 49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE SVLT 11:24 51-54 500 (FALSE 51 51 51 51 51 51 51 5 | FALSE 0 | | 0 |
| SVLT | | | ō |
| SVLT 11:25 2014/11/20 9:21 24-MO : Maintenance Outage (99999) Other FALSE 24 FALSE FALSE FALSE SVLT 10:48 20:30 21 (1)F-D : Forced Outage - Sudden (49314) Fuel Supply System to Unit FALSE 21 FALSE FALSE FALSE FALSE SVLT 11:01 (12-O (FD) : Operating under Forced Derated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE FALSE SVLT 11:14 (15-ABNO (FD) : Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE TRUE FALSE SVLT 11:44 (12-O (FD) : Operating under Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE FALSE SVLT 14:12 (15-ABNO (FD) : Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE TRUE FALSE SVLT 14:12 (15-ABNO (FD) : Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE TRUE FALSE SVLT 15:19 (12-O (FD) : Operating under Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE TRUE TRU | | | 0 |
| SVLT 10:48 20:30 21 (1)-FO-1 : Forced Outage - Sudden (49314) Fuel Supply System to Unit FALSE 21 FALSE FALSE< | | | 0 |
| SVLT 11:01 12-O (FD): Operating under Forced Detated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE SVLT 11:14 15-ABNO (FD): Available but not operating - Forced Detated (49100) Combustion Turbine FALSE 15 FALSE FAL | | | 0 |
| SVLT 11:14 15-ABNO (FD) : Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE TRUE FALSE SVLT 11:44 12:0 (FD) : Operating under Forced Derated (49100) Combustion Turbine FALSE 12 TRUE FALSE SVLT 14:12 15-ABNO (FD) : Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE FALSE SVLT 15:19 (12:0 (FD) : Operating under Forced Derated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE SVLT 17:55 (15-ABNO (FD) : Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 TRUE FALSE FALSE FALSE FALSE TRUE TRUE TRUE FALSE TRUE FALSE TRUE | | | |
| SVLT 11:44 12-O (FD): Operating under Forced Derated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE SVLT 14:12 15-ABNO (FD): Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE TRUE FALSE SVLT 15:19 12-O (FD): Operating under Forced Derated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE SVLT 17:55 15-ABNO (FD): Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE | | | 0 |
| SVLT 14:12 15-ABNO (FD): Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE TRUE FALSE SVLT 15:19 12-0 (FD): Operating under Forced Derated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE SVLT 17:55 15-ABNO (FD): Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE FALSE | | | 0 |
| SVLT 15:19 12-O (FD): Operating under Forced Derated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE SVLT 17:55 15-ABNO (FD): Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE TRUE FALSE TRUE FALSE | | | 0 |
| SVLT 17:55 15-ABNO (FD): Available but not operating - Forced Derated (49100) Combustion Turbine FALSE 15 FALSE TRUE FALSE | | | 0 |
| | | | 0 |
| SVLT | | 0 / | 0 |
| | FALSE 0 | 0 | 0 |
| SVLT 17:00 12-O (FD): Operating under Forced Derated (49100) Combustion Turbine FALSE 12 TRUE FALSE FALSE FALSE | | | 0 |
| SVLT 20:00 15-ABNO (FD): Available but not operating - Forced Derated (49100) Combustion Turbine TRUE 15 FALSE TRUE TRUE FALSE | | | ō |
| SVLT 2014/11/30 6:41 14:56 [24-MD: Minienance Outage (49100) Combustion Turbine TRUE 24 FALSE TRUE FALSE FALSE | | | 0 |
| SVLT 2014/11/30-04-1 14-55 15-ABNO (F): Available but not operating - Forced Detated ((49100) Combustion Turbine TRUE 15 FALSE TRUE FALSE FALSE FALSE | | | |
| | | | 0 |
| | | | 0 |
| SVLT 17:10 12:O (FD): Operating under Forced Derated (49314) Fuel Supply System to Unit FALSE 12 TRUE FALSE FALSE FALSE | | | 0 |
| SVLT 17:40 19:34 21 (1)-FO-1 : Forced Outage - Sudden (49314) Fuel Supply System to Unit FALSE 21 FALSE FALSE TRUE FALSE | | | 0 |
| SVLT 19:34 15-ABNO (FD): Available but not operating - Forced Derated (49314) Fuel Supply System to Unit TRUE 15 FALSE TRUE FALSE FALSE | | | 0 |
| SVLT 2014/12/09 4:13 12-O (FD): Operating under Forced Derated (49314) Fuel Supply System to Unit FALSE 12 TRUE FALSE FALSE FALSE | FALSE 0 | 0 | 0 |

| SVLT | 2014/12/09 8:56 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
|------|------------------------------------|-----------|---|--------------------------------------|----------------|----------|---------------|----------------|---------------|----------------|-----|---|
| SVLT | 17:48 | | 12-O (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:53 | | | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 16:40 | | 12-O (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 16:58 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 12:58 | | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:07 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:27 | | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:52 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:07 | | 24-MO : Maintenance Outage | (49243) Clutch | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:36 | | 12-O (FD): Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | 0 |
| SVLT | 13:41 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | Ö | ō |
| SVLT | 2014/12/31 9:36 | | 12-O (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | ō | ō |
| SVLT | 11:36 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 17:05 | | 12-O (FD) : Operating under Forced Derated | (49314) Fuel Supply System to Unit | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | Ö | 0 |
| SVLT | 19:16 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49314) Fuel Supply System to Unit | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | ő | Ö |
| SVLT | 12:35 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 21:23 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/01/06 5:56 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:27 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 16:05 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 20:56 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 16:05 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:55 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | | FALSE | TRUE | TRUE | FALSE | | - |
| SVLT | 15:44 | | | (49100) Combustion Turbine | FALSE | 15 12 | TRUE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| SVLT | 18:49 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | TRUE | | | | | | | |
| SVLT | 2015/01/09 6:05 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:22 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/01/12 9:34 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:07 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 15:43 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 19:22 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/01/14 6:58 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2015/01/14 9:42 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 15:57 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:27 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 11:27 | 15:41 | 24-MO : Maintenance Outage | (49243) Clutch | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:41 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 10:52 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:21 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 2015/01/22 9:53 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:47 | | | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/01/23 9:43 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:45 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 15:26 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 19:10 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | 16:21 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:44 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE FALSE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/01/31 7:08 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 16:59 10:04 | | 15-ABNO (FD): Available but not operating - Forced Derated 11-O: Operating | (49100) Combustion Turbine | FALSE FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:04 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49100) Combustion Turbine | FALSE | 11 | TRUE FALSE | FALSE FALSE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| SVLT | 10:03 | | 11-O : Operating | (49100) Combustion Fulbrile | FALSE | 21 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:54 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/02/09 8:41 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:31 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 16:07 | | 11-O : Operating | | FALSE | 14 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 21:43 | | | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/02/10 6:58 | | 14-ABNO : Available but not operating 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:46 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/02/11 8:47 | | 11-O : Operating | | FALSE | 14 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | | | TRUE | | | | | | 0 | |
| SVLT | 18:24 12:05 | | 14-ABNO : Available but not operating | | FALSE | 14 11 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| SVLT | 12:05 14:28 | | 11-O : Operating 14-ABNO : Available but not operating | | FALSE | | FALSE | FALSE | TRUE | | | |
| SVLT | 14:28 | | | | FALSE | 14 | | FALSE | | FALSE | 0 | 0 |
| | | | 11-O : Operating | | | 11 | TRUE | | FALSE | | 0 | 0 |
| SVLT | 17:04 | | 14-ABNO : Available but not operating | (400.40) Oli 4-h | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/02/20 8:55 | | 25-PO : Planned Outage | (49243) Clutch | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 16:20 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 16:07 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 20:12 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/02/25 6:49 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:55 2015/02/28 6:05 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| | | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2015/02/28 9:15 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 16:58 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 20:09 | | 14-ABNO : Available but not operating | | TRUE FALSE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/03/01 6:07 2015/03/01 9:24 | | 11-O : Operating | | TRUE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:40 | | 14-ABNO : Available but not operating | | FALSE | 14 11 | FALSE TRUE | TRUE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| SVLT | 18:40 21:28 | | 11-O : Operating 14-ABNO : Available but not operating | | TRUF | 11 14 | FALSE | TRUE | | FALSE | 0 | 0 |
| SVLT | 21:28 | | | | FALSE | | | | TRUE | | | |
| | 10:35 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:35 | | 14-ABNO : Available but not operating 11-O : Operating | | FALSE | 14 11 | FALSE | FALSE FALSE | TRUE FALSE | FALSE FALSE | 0 | 0 |
| SVLT | 18:45 21:41 | | 11-O : Operating 14-ABNO : Available but not operating | | TRUF | 11 14 | | TRUE | TRUE | | 0 | 0 |
| SVLT | 2015/03/04 6:11 | | 11-O : Operating | | FALSE | 14 11 | FALSE TRUE | FALSE | FALSE | FALSE FALSE | 0 | 0 |
| OVEI | 2313/03/04 0.11 | | o . operating | (5203) Transmission equipment beyond | FALSE | 11 | INUE | LWF9E | LWF9E | FALSE | U | U |
| SVLT | 2015/03/04 7:15 2015/03 | 3/04 7:40 | 21 (1)-FO-1 : Forced Outage - Sudden | the transmission line | FALSE | 21 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/03/04 7:15 2015/03 | | 11-O : Operating | uro u anortiiSSIUH III IB | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:41 | | 14-ABNO : Available but not operating | | TRUE | 11 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 17:05 | | 11-O : Operating | | FALSE | 14 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| | | | | | TALLOL | - 11 | | | | | · · | 9 |

| SVLT | 17:59 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
|------|---------------------|------------|---|---|-------|----------|----------------|---------------|----------------|----------------|---|---|
| SVLT | 20:16 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 20:51 | 2015/03/05 | 14-ABNO : Available but not operating | (40000) 0 1 0 1 | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/03/05 20:14 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49850) Synchronous Condenser Equipment | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 21:31 | | 14-ABNO : Available but not operating | Equipment | TRUE | 14 | FALSE | TRUE | FALSE | FALSE FALSE | | 0 |
| SVLT | 2015/03/06 4:45 | | | | FALSE | | | | | | 1 | |
| SVLT | 2015/03/06 4:45 | | 11-O : Operating 14-ABNO : Available but not operating | | TRUE | 11 14 | TRUE FALSE | FALSE TRUE | FALSE TRUE | FALSE FALSE | 0 | 0 |
| SVLT | 2015/03/06 8:08 | | | | FALSE | | | | | | | |
| SVLT | 10:09 | | 11-O : Operating 14-ABNO : Available but not operating | | TRUE | 11 | TRUE | FALSE TRUE | FALSE | FALSE | 0 | 0 |
| SVLT | | | | | FALSE | 14 | FALSE | | | FALSE | 0 | 0 |
| | 2015/03/07 4:03 | | 11-O : Operating | | | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2015/03/07 8:08 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/03/12 6:00 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2015/03/12 8:56 | | 14-ABNO : Available but not operating | (4004.0.5.1.0.1.0.1.1.1.1.1.1.1.1.1.1.1.1.1.1 | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 11:09 | 12:29 | 21 (1)-FO-1 : Forced Outage - Sudden | (49314) Fuel Supply System to Unit | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:29 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 10:55 | | 24-MO : Maintenance Outage | (49100) Combustion Turbine | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:34 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49811) Generator Bearings | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:28 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | | | 24-MO : Maintenance Outage | (99999) Other | FALSE | 24 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/05/28 9:41 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | | | 24-MO : Maintenance Outage | (99999) Other | FALSE | 24 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/05/29 7:50 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2015/05/29 8:50 | | 24-MO : Maintenance Outage | (99999) Other | FALSE | 24 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 17:36 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 11:15 | 15:35 | 24-MO : Maintenance Outage | (49800) Generator | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:35 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 10:05 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 15:29 | | 15-ABNO (FD) : Available but not operating - Forced Derated | | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| | | 2015/06/17 | | (5201) Powerhouse substation (non- | | | | | | | | |
| SVLT | 2015/06/17 7:20 | | 25-PO : Planned Outage | Generating Unit Equipment) | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 16:50 | | 15-ABNO (FD) : Available but not operating - Forced Derated | (49800) Generator | TRUE | 15 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 17:33 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:54 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 19:56 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 20:00 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/06/23 9:31 | 17:00 | 24-MO : Maintenance Outage | (49100) Combustion Turbine | TRUE | 24 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 17:00 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 10:27 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/07/20 | | 16-ABNO (SD): Available but not operating - Scheduled | (49101) Combustion Turbine © Exhaust | | | | | | | | |
| SVLT | 10:28 | | Derated | Emission | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/07/20 | | 16-ABNO (SD) : Available but not operating - Scheduled | (49101) Combustion Turbine © Exhaust | | | | | | | | |
| SVLT | 22:15 | | Derated | Emission | TRUE | 16 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| | | | 16-ABNO (SD): Available but not operating - Scheduled | (49101) Combustion Turbine © Exhaust | | | | | | | | |
| SVLT | 2015/07/21 9:51 | | Derated | Emission | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| | 2015/07/21 | | 16-ABNO (SD): Available but not operating - Scheduled | (49101) Combustion Turbine © Exhaust | | | | | | | | |
| SVLT | 18:25 | | Derated | Emission | TRUE | 16 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| | | 2015/07/22 | 16-ABNO (SD): Available but not operating - Scheduled | (49101) Combustion Turbine © Exhaust | | | | | | | | |
| SVLT | 2015/07/22 7:19 | | Derated | Emission | FALSE | 16 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:23 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 2015/07/28 8:58 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 2015/07/28 9:55 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:18 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:19 | | 21 (1)-FO-1 : Forced Outage - Sudden | (49811) Generator Bearings | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | ō | ō |
| SVLT | 10:42 | | 11-O : Operating | , | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:50 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 11:28 | | 12-O (FD) : Operating under Forced Derated | (49811) Generator Bearings | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:25 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49811) Generator Bearings | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | ō | ō |
| SVLT | 2015/08/12 8:42 | | 24-MO : Maintenance Outage | (49325) Building Fire Protection | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | Ö | 0 |
| SVLT | 20:07 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | FALSE | FALSE | ō | ō |
| SVLT | 20:08 | | 12-O (FD) : Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 21:00 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | FALSE | 15 | FALSE | FALSE | TRUE | FALSE | ő | Ö |
| SVLT | 11:12 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | Ö | 0 |
| SVLT | 12:04 | | 15-ABNO (FD): Available but not operating - Forced Derated | (49100) Combustion Turbine | TRUE | 15 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 12:54 | | 12-O (FD): Operating under Forced Derated | (49100) Combustion Turbine | FALSE | 12 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:58 | | 14-ABNO : Available but not operating | , | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | ő | Ö |
| SVLT | 2015/08/31 9:00 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:12 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:42 | | 25-PO : Planned Outage | (49890) Electrical Distribution System | FALSE | 25 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 16:43 | | 11-O : Operating | ,, your | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 16:58 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 17:29 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:50 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 15:40 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:15 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 18:35 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:39 | | 24-MO : Maintenance Outage | (49900) Controls and Instrumentation | FALSE | 24 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 11:08 | | 11-O : Operating | (10000) Controls and manuficilitation | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 11:45 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 11:45 | | 11-O : Operating | | FALSE | 14 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 13:10 | | 11-O : Operating 14-ABNO : Available but not operating | | TRUE | | | | | | | |
| | 15:39 | | | | FALSE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 15:50 18:58 | | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE FALSE | FALSE TRUE | FALSE FALSE | FALSE | 0 | 0 |
| SVLT | 18:58 17:01 | | 14-ABNO : Available but not operating | | FALSE | 14 | | | | FALSE | 1 | 0 |
| | | | 11-O : Operating | | | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:10 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:22 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:29 | | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 17:31 | | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:58 | | 14-ABNO : Available but not operating | (10000) 0 | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 23:11 | 17:30 | 21 (1)-FO-1 : Forced Outage - Sudden | (49900) Controls and Instrumentation | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |

PUB-NLH-636, Attachment 6 Page 18 of 20, Isl Int System Power Outages (Phase Two)

| SVLT | 17:30 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
|------|-----------------|--|-------------------------------------|-------|----|-------|-------|-------|-------|---|---|
| SVLT | 17:40 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/11/17 7:40 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 10:50 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 12:49 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 19:25 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/11/19 7:10 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:48 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/11/20 7:39 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:13 | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 2015/11/21 8:13 | 14:47 24-MO : Maintenance Outage | (49321) External Cooling Air System | FALSE | 24 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:47 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | FALSE | FALSE | 1 | 0 |
| SVLT | 10:00 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 14:40 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 10:42 | 12:04 21 (1)-FO-1 : Forced Outage - Sudden | (49800) Generator | FALSE | 21 | FALSE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:04 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 12:57 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |
| SVLT | 16:22 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 17:39 | 14-ABNO : Available but not operating | | FALSE | 14 | FALSE | FALSE | TRUE | FALSE | 0 | 0 |
| SVLT | 18:08 | 11-O : Operating | | FALSE | 11 | TRUE | FALSE | FALSE | FALSE | 0 | 0 |
| SVLT | 18:24 | 14-ABNO : Available but not operating | | TRUE | 14 | FALSE | TRUE | TRUE | FALSE | 0 | 0 |

2011 to 2015 Gas Turbine UFOP Calulations - External Causes Included

Hardwoods GT - Statistics - 2011 to 2015

| State | Y-T-D | | Calculations | | NLH HWD/SVL Units | - External Causes Excluded |
|-------------|---------------|-------------|---------------------|-------------|--------------------|----------------------------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | | | | |
| 11 | 508.93 | | State 11+12+13 | 987.63 | State 11+12+13 | 1,393.70 |
| 12 | 438.18 | 151.34 | State 14+15+16 | 35573.88 | State 14+15+16 | 50,982.94 |
| 13 | 40.52 | 13.7 | State 21+22+23 | 3074 | State 21+22+23 | 16,672.03 |
| 14 | 10871.53 | 0 | Number of FO | 50 | Number of FO | 88.00 |
| 15 | 23982 | 3049.26 | | | | |
| 16 | 720.35 | 232.55 | Number of Starts | 325 | Number of Starts | 514 |
| 21 | 3074 | | No. of Start Fail. | 10 | No. of Start Fail. | 10 |
| 22 | 0 | | No. trans. to SC | 81 | No. trans. to SC | 330 |
| 23 | 0 | | Attempted Starts | 416 | Attempted Starts | 665 |
| 24 | 1957.45 | | | | | |
| 25 | 2231.03 | | r | 61.48 | r | 189.4548864 |
| 30 | 0 | | D | 2.432586207 | D | 2.12778626 |
| | | | Т | 85.51413462 | Т | 76.67 |
| TOTAL | 43824.0 | 3446.9 | | | | |
| | | | Demand Factor | 0.063682434 | Demand Factor | 0.037522239 |
| Number of F | orced Outages | 50 | UFOP | 16.54% | UFOP | 30.98% |
| Number of U | Jnit Starts | 325 | | | | |

2011 to 2015 Gas Turbine UFOP Calulations - External Causes Included

Stephenville GT - Statistics - 2011 to 2015

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|----------------|-------------|---------------------|-------------|
| <u>Code</u> | <u>Hours</u> | Adj . Hours | | |
| 11 | 160.23 | | State 11+12+13 | 406.07 |
| 12 | 517.72 | 234.57 | State 14+15+16 | 15409.06 |
| 13 | 17.62 | 11.27 | State 21+22+23 | 13598.03 |
| 14 | 7516.02 | | Number of FO | 38 |
| 15 | 17543.40 | 7836.61 | | |
| 16 | 100.18 | 56.43 | Number of Starts | 189 |
| 21 | 13598.03 | | No. of Start Fail. | 0 |
| 22 | 0.00 | | No. trans. to SC | 60 |
| 23 | 0.00 | | Attempted Starts | 249 |
| 24 | 1671.20 | | | |
| 25 | 2699.60 | | r | 357.8428947 |
| 30 | 0.00 | | D | 1.630803213 |
| | | | Т | 61.8837751 |
| TOTAL | 43824.00 | 8138.88 | | |
| | | | Demand Factor | 0.029983213 |
| Number of | Forced Outages | 38 | UFOP | 50.10% |
| Number of | Unit Starts | 189 | | |

UFOP

Hardwoods GT - Statistics - 2011 to 2015

| State | Y-T-D | | <u>Calculations</u> | |
|-------------|----------------|------------|---------------------|-------------|
| <u>Code</u> | <u>Hours</u> | dj . Hours | | |
| 11 | 508.93 | | State 11+12+13 | 987.63 |
| 12 | 438.18 | 151.34 | State 14+15+16 | 35573.88 |
| 13 | 40.52 | 13.7 | State 21+22+23 | 3074 |
| 14 | 10871.53 | 0 | Number of FO | 50 |
| 15 | 23982 | 3049.26 | | |
| 16 | 720.35 | 232.55 | Number of Starts | 325 |
| 21 | 3074 | | No. of Start Fail. | 10 |
| 22 | 0 | | No. trans. to SC | 81 |
| 23 | 0 | | Attempted Starts | 416 |
| 24 | 1929.42 | | | |
| 25 | 2120.75 | | r | 61.48 |
| 30 | 0 | | D | 2.432586207 |
| | | | Т | 85.51413462 |
| TOTAL | 43685.68 | 3446.85 | | |
| | | | Demand Factor | 0.063682434 |
| Number of | Forced Outages | 50 | UFOP | 16.54% |
| Number of | Unit Starts | 325 | | |

2011 to 2015 Gas Turbine UFOP Calulations - External Causes Excluded

Stephenville GT - Statistics - 2011 to 2015

| State | Y-T-D | | <u>Calculations</u> | |
|--------------|---------------|------------|---------------------|-------------|
| <u>Code</u> | Hours Ad | lj . Hours | | |
| 11 | 160.23 | | State 11+12+13 | 695.57 |
| 12 | 517.72 | 234.57 | State 14+15+16 | 25159.60 |
| 13 | 17.62 | 11.27 | State 21+22+23 | 13572.02 |
| 14 | 7516.02 | | Number of FO | 34 |
| 15 | 17543.40 | 7836.61 | | |
| 16 | 100.18 | 56.43 | Number of Starts | 189 |
| 21 | 13572.02 | | No. of Start Fail. | 0 |
| 22 | 0.00 | | No. trans. to SC | 60 |
| 23 | 0.00 | | Attempted Starts | 249 |
| 24 | 1117.95 | | | |
| 25 | 2419.45 | | r | 399.1770588 |
| 30 | 0.00 | | D | 2.793453815 |
| | | | Т | 101.0425703 |
| TOTAL | 42964.59 | 8138.88 | | |
| | | | Demand Factor | 0.033484297 |
| Number of Fo | orced Outages | 34 | UFOP | 39.52% |
| Number of Ur | nit Starts | 189 | | |

NLH HWD/SVL Units - External Causes Excluded State 11+12+13 1,683.20 State 14+15+16 60,733.48 State 21+22+23 16,646.02 Number of FO 84.00 Number of Starts 514 No. of Start Fail. 10 No. trans. to SC 141 Attempted Starts 665 198.1669 D 2.569771 Τ 91.33 **Demand Factor** 0.0394824

28.08%