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

2   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

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

5

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

10   required. The equation used to calculate UFOP is:

11

12   **UFOP Calculation Equation**

13

14   The following equations are used for calculating UFOP.

15

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

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

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

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

2

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

3

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

5

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

7

8   Total Attempted Starts – Total start failures plus the number of transitions to

9   operating from a non operating state plus the number of transitions into a

10   synchronous condenser mode from a non operating state.

11

12   T = Average Reserve Shutdown Time between Periods of Need

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

13

14   Other defintions:

15

16   O means the Generating Unit is synchronized with the system and is capable of

17   operating at MCR under normal operating procedures.

18

19   $O\ (FD)$ means the Generating Unit is synchronized with the system but not capable

20   of carrying its MCR due to a Forced Derating being in effect.

21

22   $O\ (SD)$ means the Generating Unit is synchronized with the system but not capable

23   of carrying its MCR due to a Scheduled Derating being in effect.

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

2   6.0). Should another reason cause an extended Forced Outage, it should be

3   reported as a separate Forced Outage with a start time equal to the finish time of

4   the prior Forced Outage.

5

6   *FEMO* means the Generating Unit has an outage resulting from a condition

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

11   discovered during a Planned Outage which has forced the extension of the Planned

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

16   2011 to 2015 average for Hardwoods and Stephenville.

17

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

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

20

UFOP

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

Unit	Start_Date	Finish_Date	State Code	Outage Code	SynchCondense	State	Operating?	Synch Cond?	Prev Stat Operating?	Prev Stat Already S.C.?	Trans to SC?	Starting Failure?	Notes
HWDT	12:01		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE				0	
HWDT	12:16	12:25	21 (2)-FO-2 : Forced Outage - Immediately Deferrable	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0	*Number of transitions to S.C.* **39**
HWDT	12:26		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	*Number of starting failures* **1**
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	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	20:47		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	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	
HWDT	14:42		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	14:43		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
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	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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
HWDT	2011/01/31 7:35		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	0	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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	2011/01/31 11:43	2011/02/01 15:03	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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	13:20		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	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	16:05	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	16:34	24-MO : Maintenance Outage	(49900) Controls and Instrumentation	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0	
HWDT	16:34		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	16:38		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
HWDT	2011/03/01 8:21	2011/03/01 9:03	25-PO : Planned Outage	(49900) Controls and Instrumentation	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0	
HWDT	2011/03/01 9:03		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	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		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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	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		15-ABNO (FD) : Available but not operating - Forced Derated	(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	0	0	
HWDT	2011/03/23 9:49	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
HWDT	2011/04/14 8:55		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	2011/04/14 9:39		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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	16:24		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	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	1	0	
HWDT	20:51		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
HWDT	10:25		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
HWDT	19:04		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
HWDT	2011/04/27 8:34		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
HWDT	23:05		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
HWDT	17:38		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
HWDT	19:47		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	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	(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	0	0	
HWDT	10:55		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	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	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
HWDT	12:02		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
HWDT	20:36		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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		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	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0	
HWDT	13:53		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	14:25		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	14:30		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	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 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	

	Date/Time	Time	Description	Equipment		Code						
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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:32		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2011/08/22 5:58		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	22:59		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	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		12-O (FD) : Operating under Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
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	(49100) 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	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	17:12		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	10:07		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	10:08	10:17	21 (1)-FO-1 : Forced Outage - Sudden	(49100) Combustion Turbine	FALSE	21	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	0	0
HWDT	10:20		15-ABNO (FD) : Available but not operating - Forced Derated	(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	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	10:58		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	16:59		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	22:33		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
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	(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	0	0
HWDT	2011/10/25 9:38		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:41		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:17		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	17:15		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	19:06		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	21:50		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	20:54		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2011/10/30 8:53		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	2011/11/07 7:30	17:08	24-MO : Maintenance Outage	(49100) Combustion Turbine	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	17:08		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	2011/11/14 7:30	16:24	25-PO : Planned Outage	(49100) Combustion Turbine	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	13:10	13:48	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:43		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	14:49		15-ABNO (FD) : Available but not operating - Forced Derated	(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	0	0
HWDT	13:49		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:01	14:17	21 (1)-FO-1 : Forced Outage - Sudden	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	TRUE	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	18:32		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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	22:42		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0

Unit	Start_Date	Finish_Date	State Code	Outage Code	SynchCondense		State	Operating?	Synch Cond?	Prev Stat Operating?	Prev Stat Already S.C.?	Trans to SC?	Starting Failure?
SVLT	17:45		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE			0	0
SVLT	10:42		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE		15	FALSE	FALSE	FALSE	FALSE	0	0 *Number of transitions to S.C.* **24**
SVLT	11:11		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE		12	TRUE	FALSE	FALSE	FALSE	0	0 *Number of starting failures* **0**
SVLT	17:46	23:59	21 (1)-FO-1 : Forced Outage - Sudden	(49820) Generator Stator	FALSE		21	FALSE	FALSE	TRUE	FALSE	0	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	0	0 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	(49100) Combustion Turbine	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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2011/02/15 7:05	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	(49100) Combustion Turbine	FALSE		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		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	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2011/03/07	2011/03/07 16:23	17:46 21 (1)-FO-1 : Forced Outage - Sudden	(49311) Internal Cooling and Seal Air System and Seals	FALSE		21	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	17:46		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	FALSE	FALSE	1	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
SVLT		2011/03/16 16:21	24-MO : Maintenance Outage	(49980) Auxiliaries Controls and Instrumentation	FALSE		24	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	2011/03/16 8:23		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2011/03/18 9:48	14:39	25-PO : Planned Outage	(99999) Other	FALSE		25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	14:46		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE		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	(49100) Combustion Turbine	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	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	11:49		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE		15	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	12:41		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE		12	TRUE	FALSE	FALSE	FALSE	0	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	15:00		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE		15	FALSE	FALSE	TRUE	FALSE	0	0
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	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	TRUE	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	(49100) Combustion Turbine	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	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2011/06/14 9:27		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE		12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2011/06/14 9:40		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	TRUE	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	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	10:01		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	14:20		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE		15	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	14:51		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	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	(49100) Combustion Turbine	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	(49100) Combustion Turbine	FALSE		15	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	16:29		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	14:21		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	(49100) Combustion Turbine	FALSE		15	FALSE	FALSE	TRUE	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	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2011/09/14 5:56		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE		15	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	2011/09/14 8:49	18:48	25-PO : Planned Outage	(5200) Transmission Limitations	FALSE		25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	18:48		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE		15	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	19:14		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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	(49100) Combustion Turbine	FALSE		15	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	10:06	18:55	25-PO : Planned Outage	(5200) Transmission Limitations	FALSE		25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	18:55		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE		15	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	19:07		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2011/09/19 7:32	19:39	15-ABNO (FD) : Available but not operating - Forced Derated	(49890) Electrical Distribution System	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	(49100) Combustion Turbine	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		25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	16:21		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2011/09/22 8:22	14:38	25-PO : Planned Outage	(49325) Building Fire Protection	FALSE		25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	14:38		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE		15	FALSE	TRUE	FALSE	FALSE	1	0

	Start	End	Event	Equipment								
SVLT	2011/10/04 10:25	2011/10/04 10:53	21 (1)-FO-1 : Forced Outage - Sudden	(49980) Auxiliaries Controls and 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	FALSE	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	FALSE	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 Code	Y-T-D Hours	Adj . Hours
11	0	
12	38.38	4.76
13	0	0
14	0	
15	8076.52	17.99
16	0	0
21	28.22	
22	0	
23	0	
24	18.65	
25	598.23	
30	0	
TOTAL	8760.0	22.8

Number of Forced Outages   5
Number of Unit Starts   32

Calculations

State 11+12+13	38.38
State 14+15+16	8076.52
State 21+22+23	28.22
Number of FO	5
Number of Starts	32
No. of Start Fail.	1
No. trans. to SC	39
Attempted Starts	72
r	5.644
D	0.5405634
T	112.16638
Demand Factor	0.0914013
UFOP	**6.30%**

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%**

2011 Gas Turbine UFOP Calulations - External Causes Included

Stephenville GT - 2011 Statistics

State Code	Y-T-D Hours	Adj . Hours
11	0.00	
12	13.03	7.42
13	0.00	0
14	94.57	
15	8329.93	4782.09
16	0.00	0
21	189.12	
22	0.00	
23	0.00	
24	37.43	
25	95.92	
30	0.00	
TOTAL	8760.00	4789.51

Number of Forced Outages   7
Number of Unit Starts   20

Calculations

State 11+12+13	7.42
State 14+15+16	4876.66
State 21+22+23	189.12
Number of FO	7
Number of Starts	20
No. of Start Fail.	0
No. trans. to SC	24
Attempted Starts	44
r	27.017143
D	0.1686364
T	110.83318
Demand Factor	0.0077036
UFOP	**16.41%**

2011 Gas Turbine UFOP Calulations - External Causes Excluded

Hardwoods GT - 2011 Statistics

State Code	Y-T-D Hours	Adj . Hours
11	0	
12	38.38	4.76
13	0	0
14	0	
15	8076.52	17.99
16	0	0
21	28.22	
22	0	
23	0	
24	18.65	
25	598.23	
30	0	
TOTAL	8760.00	22.75

Number of Forced Outages   5
Number of Unit Starts   32

Calculations	
State 11+12+13	38.38
State 14+15+16	8076.52
State 21+22+23	28.22
Number of FO	5
Number of Starts	32
No. of Start Fail.	1
No. trans. to SC	39
Attempted Starts	72
r	5.644
D	0.5405634
T	112.16638
Demand Factor	0.0914013
UFOP	6.30%

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
T	142.24632
Demand Factor	0.0270721
UFOP	10.27%

2011 Gas Turbine UFOP Calulations - External Causes Excluded

Stephenville GT - 2011 Statistics

State Code	Y-T-D Hours	Adj . Hours
11	0.00	
12	13.03	7.42
13	0.00	0
14	94.57	
15	8329.93	4782.09
16	0.00	0
21	189.12	
22	0.00	
23	0.00	
24	37.43	
25	65.40	
30	0.00	
TOTAL	8729.48	4789.51

Number of Forced Outages   7
Number of Unit Starts   20

Calculations	
State 11+12+13	13.03
State 14+15+16	8424.50
State 21+22+23	189.12
Number of FO	7
Number of Starts	20
No. of Start Fail.	0
No. trans. to SC	24
Attempted Starts	44
r	27.017143
D	0.2961364
T	191.46591
Demand Factor	0.0123532
UFOP	15.20%

Unit	Start_Date	Finish_Date	State Code	Outage Code	SynchCondense	State	Operating?	Synch Cond?	Prev Stat Operating?	Prev Stat Already S.C.?	Trans to SC?	Starting Failure?	
HWDT		17:14	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE				0	
HWDT	2012/01/11 8:42		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	*Number of transitions to S.C.* 100
HWDT		11:22	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	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	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT		14:57	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	Starting Failure Code 21 (4)-FO-4 : Forced Outage - Starting Failure
HWDT		13:23	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	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	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0	
HWDT	2012/01/16 6:03		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	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	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0	
HWDT		12:45	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT		13:30	15-ABNO (FD) : Available but not operating - Forced Derated	(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	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
HWDT		21:12	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	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	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT		22:07	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0	
HWDT		13:12	20:53 21 (4)-FO-4 : Forced Outage - Starting Failure	(49800) Generator	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	1	
HWDT		20:53	15-ABNO (FD) : Available but not operating - Forced Derated	(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	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0	
HWDT		10:54	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
HWDT		10:56	13:32 21 (4)-FO-4 : Forced Outage - Starting Failure	(49812) Generator Lubrication System	FALSE	21	FALSE	FALSE	FALSE	FALSE	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	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0	
HWDT		18:13	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT		18:23	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT		11:03	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
HWDT		14:58	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0	
HWDT		15:36	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0	
HWDT	2012/04/19 9:47		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0	
HWDT		11:33	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT		15:46	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0	
HWDT		16:17	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT		18:56	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0	
HWDT		19:02	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT		15:46	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	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0	
HWDT		14:53	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT		17:07	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 21 (1)-FO-1 : Forced Outage - Sudden	(49800) Generator	TRUE	21	FALSE	TRUE	FALSE	FALSE	1	0		
HWDT		17:18	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	2012/05/02 8:46		12-O (FD) : Operating under Forced Derated	(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	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0	
HWDT		21:42	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	2012/05/03 7:52		12-O (FD) : Operating under Forced Derated	(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	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0	
HWDT		15:14	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT		10:34	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	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 25-PO : Planned Outage	(49100) Combustion Turbine	TRUE	25	FALSE	TRUE	FALSE	FALSE	1	0		
HWDT		19:00	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
HWDT	2012/05/17 1:36		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
HWDT		12:28	17:30 25-PO : Planned Outage	(49100) Combustion Turbine	TRUE	25	FALSE	TRUE	FALSE	FALSE	1	0	
HWDT		17:30	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
HWDT	2012/05/19 8:34	17:22 25-PO : Planned Outage	(49100) Combustion Turbine	TRUE	25	FALSE	TRUE	FALSE	FALSE	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	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	0	0	
HWDT		12:00	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0	
HWDT		14:17	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	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	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
HWDT		12:00	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0	
HWDT		12:42	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	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	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT		18:22	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0	
HWDT		18:47	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	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	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0	
HWDT		20:42	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT		16:47	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	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		12-O (FD) : Operating under Forced Derated	(49100) 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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	13:27		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	17:30		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	18:05		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	17:14		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	2012/01/11 8:42		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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	0
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	13:39	21 (1)-FO-1 : Forced Outage - Sudden	(49210) Compressor	TRUE	21	FALSE	TRUE	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		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	21 (1)-FO-1 : Forced Outage - Sudden	(49800) Generator	TRUE	21	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	14:39		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	15:05		15-ABNO (FD) : Available but not operating - Forced Derated	(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	0
HWDT	20:49		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	21:17	2012/06/05 3:18	21 (1)-FO-1 : Forced Outage - Sudden	(49314) Fuel Supply System to Unit	TRUE	21	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	2012/06/05 3:18		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	2012/06/05 3:32		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2012/06/05 3:37		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	2012/06/05 4:07		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
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
HWDT	2012/06/05 7:11		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	14:24	16:47	25-PO : Planned Outage	(49243) Clutch	TRUE	25	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:47		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	18:54		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	19:06		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	23:01		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:07		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	21:24		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2012/06/29 9:00		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	2012/06/29 9:36		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2012/06/29 9:47		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	10:04		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	10:01		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	11:43	16:50	21 (1)-FO-1 : Forced Outage - Sudden	(49811) Generator Bearings	TRUE	21	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:50		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	20:28		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	13:24		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	14:08		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	21:48	17:54	21 (1)-FO-1 : Forced Outage - Sudden	(49325) Building Fire Protection	TRUE	21	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	12:09		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	12:41		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	21:45		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	13:31		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	14:56		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2012/08/30 9:43		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	20:06		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	10:29		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	11:07		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	11:49		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	12:41		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2012/09/11 9:45		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	18:46		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2012/09/17 8:54		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	18:18		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	10:04	12:58	21 (1)-FO-1 : Forced Outage - Sudden	(49314) Fuel Supply System to Unit	TRUE	21	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	12:58		12-O (FD) : Operating under Forced Derated	(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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	16:47		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	23:39		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	16:56		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	17:08		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	18:17		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	19:10		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	18:11		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	20:31		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2012/10/31 8:46		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	2012/10/31 9:07		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2012/10/31 9:48		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	10:03		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	17:14		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	18:25		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	15:01		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	TRUE	12	TRUE	TRUE	FALSE	FALSE	1	0
HWDT	15:17		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0

HWDT	12:27	13:35	21 (1)-FO-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	21 (1)-FO-1 : Forced Outage - Sudden		(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine		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

Unit	Start_Date	Finish_Date	State Code	Outage Code	SynchCondense
SVLT	2012/01/01 0:01	23:59	21 (1)-FO-1 : Forced Outage - Sudden	(49820) Generator Stator	FALSE

State	Operating?	Synch Cond'	Prev Stat Operating?	Prev Stat Already S.C.?	Trans to SC?	Starting Failure?		
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	Starting Failure Code	21 (4)-FO-4 : Forced Outage - Starting Failure
					0	0		

2012 Gas Turbine UFOP Calulations - External Causes Included

Hardwoods GT - 2012 Statistics

State Code	Y-T-D Hours	Adj . Hours
11	0	
12	103.3	19.22
13	0	0
14	0	
15	8155.93	1198.13
16	0	0
21	473.55	
22	0	
23	0	
24	0	
25	51.22	
30	0	
TOTAL	8784.0	1217.4

Number of Forced Outages   13
Number of Unit Starts   70

Calculations	
State 11+12+13	19.22
State 14+15+16	1198.13
State 21+22+23	473.55
Number of FO	13
Number of Starts	70
No. of Start Fail.	2
No. trans. to SC	100
Attempted Starts	172
r	36.426923
D	0.1130588
T	6.9645575
Demand Factor	0.0189703
UFOP	31.85%

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%

2012 Gas Turbine UFOP Calulations - External Causes Included

Stephenville GT - 2012 Statistics

State Code	Y-T-D Hours	Adj . Hours
11	0.00	
12	0.00	0
13	0.00	0
14	0.00	
15	0.00	0
16	0.00	0
21	8784.00	
22	0.00	
23	0.00	
24	0.00	
25	0.00	
30	0.00	
TOTAL	8784.00	0.00

Number of Forced Outages   1
Number of Unit Starts   0

Calculations	
State 11+12+13	0
State 14+15+16	0
State 21+22+23	8784
Number of FO	1
Number of Starts	0
No. of Start Fail.	0
No. trans. to SC	0
Attempted Starts	0
r	8784
D	#DIV/0!
T	#DIV/0!
Demand Factor	#DIV/0!
UFOP	#DIV/0!

2012 Gas Turbine UFOP Calulations - External Causes Excluded

Hardwoods GT - 2012 Statistics

State Code	Y-T-D Hours	Adj . Hours
11	0	
12	103.3	19.22
13	0	0
14	0	
15	8155.93	1198.13
16	0	0
21	473.55	
22	0	
23	0	
24	0	
25	51.22	
30	0	
TOTAL	8784.00	1217.35

Number of Forced Outages   13
Number of Unit Starts   70

Calculations

State 11+12+13	103.3
State 14+15+16	8155.93
State 21+22+23	473.55
Number of FO	13
Number of Starts	70
No. of Start Fail.	2
No. trans. to SC	17
Attempted Starts	89
r	36.426923
D	1.1873563
T	91.612981
Demand Factor	0.0435712
UFOP	16.65%

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
T	91.612981
Demand Factor	0.0145416
UFOP	56.58%

2012 Gas Turbine UFOP Calulations - External Causes Excluded

Stephenville GT - 2012 Statistics

State Code	Y-T-D Hours	Adj . Hours
11	0.00	
12	0.00	0
13	0.00	0
14	0.00	
15	0.00	0
16	0.00	0
21	8784.00	
22	0.00	
23	0.00	
24	0.00	
25	0.00	
30	0.00	
TOTAL	8784.00	0.00

Number of Forced Outages   1
Number of Unit Starts   0

Calculations

State 11+12+13	0
State 14+15+16	0
State 21+22+23	8784
Number of FO	1
Number of Starts	0
No. of Start Fail.	0
No. trans. to SC	0
Attempted Starts	0
r	8784
D	#DIV/0!
T	#DIV/0!
Demand Factor	#DIV/0!
UFOP	#DIV/0!

Unit	Start_Date	Finish_Date	State Code	Outage Code	SynchCondense	State	Operating?	Synch Cond?	Prev Stat Operating?	Prev Stat Already S.C.?	Trans to SC?	Starting Failure?	
SVLT	2013/01/01 0:01	10:00	21 (1)-FO-1 : Forced Outage - Sudden	(49820) Generator Stator	FALSE	21	FALSE	FALSE		TRUE	0	0	
SVLT	10:00	16:54	12-O (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	0	*Number of starting failures* **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	2013/06/01 8:51	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	Starting Failure Code 21 (4)-FO-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	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	15:49	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	11:32	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		15-ABNO (FD) : Available but not operating - Forced Derated	(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	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	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
SVLT	13:18	15:55	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	2013/07/19 7:11	2013/07/20 2:57	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	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		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	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		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	20:21	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	

Unit	Start_Date	Finish_Date	State Code	Outage Code	SynchCondense	State	Operating?	Synch Cond?	Prev Stat Operating?	Prev Stat Already S.C.?	Trans to SC?	Starting Failure?
HWDT	17:33		11-O : Operating		FALSE	11	TRUE	FALSE		TRUE	0	0
HWDT	18:25		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2013/01/11 7:12		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:32		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2013/01/16 0:44		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	14:27		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	15:17		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	21:04		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2013/01/17 9:08		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:26		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:10		14-ABNO : Available but not operating		FALSE	14	FALSE	TRUE	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	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	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	0	0
HWDT	22:33		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
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
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 7:32	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	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	11:09	12:24	21 (4)-FO-4 : Forced Outage - Starting Failure	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	1
HWDT	12:24		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:21		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2013/04/17 9:11		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	10:04		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	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
HWDT	2013/05/18 9:05	2013/05/25 16:14	16-ABNO (SD) : Available but not operating - Scheduled 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	0	0
HWDT	14:37		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	15:58		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2013/07/04 9:01	10:48	24-MO : Maintenance Outage	(5200) Transmission Limitations	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	10:48		14-ABNO : Available but not operating	(49100) Combustion Turbine	FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	14:45		11-O : Operating		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	0	0
HWDT	17:39		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	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	12:34	24-MO : Maintenance Outage	(49100) Combustion Turbine	FALSE	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	0	0

Number of transitions to S.C. **3**

Number of starting failures **1**

Starting Failure Code 21 (4)-FO-4 : Forced Outage - Starting Failure

2013 Gas Turbine UFOP Calulations - External Causes Included

Hardwoods GT - 2013 Statistics

State Code	Y-T-D Hours	Adj . Hours
11	55.6	
12	25.38	8.19
13	0	0
14	3949.92	
15	2397.6	479.52
16	175.15	87.58
21	299.85	
22	0	
23	0	
24	1856.5	
25	0	
30	0	
TOTAL	8760.0	575.3

Number of Forced Outages   4
Number of Unit Starts   28

Calculations

State 11+12+13	80.98
State 14+15+16	6522.67
State 21+22+23	299.85
Number of FO	4
Number of Starts	28
No. of Start Fail.	1
No. trans. to SC	3
Attempted Starts	32
r	74.9625
D	2.6122581
T	203.7518
Demand Factor	0.0454994
UFOP	14.42%

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%

2013 Gas Turbine UFOP Calulations - External Causes Included

Stephenville GT - 2013 Statistics

State Code	Y-T-D Hours	Adj . Hours
11	11.60	
12	54.03	26.6
13	0.00	0
14	3443.00	
15	991.30	488.04
16	0.00	0
21	3662.78	
22	0.00	
23	0.00	
24	283.03	
25	314.25	
30	0.00	
TOTAL	8759.99	514.64

Number of Forced Outages   5
Number of Unit Starts   17

Calculations

State 11+12+13	65.63
State 14+15+16	4434.30
State 21+22+23	3662.78
Number of FO	5
Number of Starts	17
No. of Start Fail.	0
No. trans. to SC	9
Attempted Starts	26
r	732.556
D	2.5242308
T	170.55
Demand Factor	0.0179194
UFOP	50.00%

2013 Gas Turbine UFOP Calulations - External Causes Excluded

Hardwoods GT - 2013 Statistics

State Code	Y-T-D Hours	Adj . Hours
11	55.6	
12	25.38	8.19
13	0	0
14	3949.92	
15	2397.6	479.52
16	175.15	87.58
21	299.85	
22	0	
23	0	
24	1830.72	
25	0	
30	0	
TOTAL	8734.22	575.29

Number of Forced Outages 4
Number of Unit Starts 28

Calculations

State 11+12+13	80.98
State 14+15+16	6522.67
State 21+22+23	299.85
Number of FO	4
Number of Starts	28
No. of Start Fail.	1
No. trans. to SC	3
Attempted Starts	32
r	74.9625
D	2.6122581
T	203.7518
Demand Factor	0.0454994
UFOP	14.42%

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%

2013 Gas Turbine UFOP Calulations - External Causes Excluded

Stephenville GT - 2013 Statistics

State Code	Y-T-D Hours	Adj . Hours
11	11.60	
12	54.03	26.6
13	0.00	0
14	3443.00	
15	991.30	488.04
16	0.00	0
21	3662.78	
22	0.00	
23	0.00	
24	283.03	
25	294.48	
30	0.00	
TOTAL	8740.22	514.64

Number of Forced Outages 5
Number of Unit Starts 17

Calculations

State 11+12+13	65.63
State 14+15+16	4434.30
State 21+22+23	3662.78
Number of FO	5
Number of Starts	17
No. of Start Fail.	0
No. trans. to SC	9
Attempted Starts	26
r	732.556
D	2.5242308
T	170.55
Demand Factor	0.0179194
UFOP	50.00%

Unit	Start_Date	Finish_Date	State Code	Outage Code	SynchCondense	State	Operating?	Synch Cond?	Prev Stat Operating?	Prev Stat Already S.C.?	Trans to SC?	Starting Failure?
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		TRUE	0	0
HWDT		19:39	14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	0	Number of transitions to S.C. 18
HWDT	2014/01/09 9:36		15-ABNO (FD) : Available but not operating - Forced Derated	(49810) Generator Rotor	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	Number of starting failures 4
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		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT		13:17	11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	Starting Failure Code 21 (4)-FO-4 : Forced Outage - Starting Failure
HWDT		19:04	14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT		19:35	11-O : Operating		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
HWDT		2014/01/12 13:47	24-MO : Maintenance Outage	(49980) Auxiliaries Controls and 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	21-FO-1 : Forced Outage - Sudden	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
HWDT		18:58	14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	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	11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT		21:21	11-O : Operating		FALSE	11	TRUE	FALSE	TRUE	FALSE	0	0
HWDT		22:31	14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	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	21 (1)-FO-1 : Forced Outage - Sudden	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
HWDT		13:57	11-O : Operating		FALSE	11	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	11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT		15:09	14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT		15:19	11-O : Operating		FALSE	11	TRUE	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	14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT		16:01	11-O : Operating		FALSE	11	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	24-MO : Maintenance Outage	(49100) Combustion Turbine	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2014/01/23 8:55		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	0
HWDT		11:33	14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT		11:47	11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT		12:23	11-O : Operating		FALSE	11	TRUE	FALSE	TRUE	FALSE	0	0
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	14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT		13:24	11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT		14:54	14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	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	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	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	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	2014/02/13 8:36		14-ABNO : Available but not operating		TRUE	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	11-O : 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	0
HWDT		13:54	14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
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	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2014/03/01 9:39		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	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-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT		12:44	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
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

	Time1	Time2	Status	System		Code						
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		15-ABNO (FD) : Available but not operating - Forced Derated	(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 : Operating		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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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	(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	TRUE	FALSE	FALSE	0	0
HWDT	16:07		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:17		15-ABNO (FD) : Available but not operating - Forced Derated	(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	TRUE	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	FALSE	FALSE	FALSE	1	0
HWDT	10:43		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
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 : 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		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	17:32		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	14:07		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	15:52		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	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	0	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	0	0
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		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2014/05/08 7:41		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2014/05/08 9:55		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
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	0	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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:46		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	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	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	14:33		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	13:10	2014/06/21 8:24	25-PO : Planned Outage	(49312) Heat Shields	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2014/06/21 8:24	11:00	25-PO : Planned Outage	(49312) Heat Shields	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	11:00	18:45	15-ABNO (FD) : Available but not operating - Forced Derated	(49312) Heat Shields	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	18:45		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	17:17		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	18:05		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:45	19:16	15-ABNO (FD) : Available but not operating - Forced Derated	(49312) Heat Shields	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	19:16		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	10:33		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	10:52		14-ABNO : Available but not operating		FALSE	14	FALSE	TRUE	FALSE	FALSE	0	0
HWDT	15:26		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:04		14-ABNO : Available but not operating		FALSE	14	FALSE	TRUE	FALSE	FALSE	0	0
HWDT	18:56		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	18:59	19:10	21 (1)-FO-1 : Forced Outage - Sudden	(49314) Fuel Supply System to Unit	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	19:10		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:32		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2014/07/05 7:52		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	13:09		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:28		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	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	0	0
HWDT	11:54		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:39		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
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	0	0
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	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	19:24	2014/10/18 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		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	0
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		TRUE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:22		14-ABNO : Available but not operating		FALSE	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		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	(49100) Combustion Turbine	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	(49100) Combustion Turbine	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	0	0
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	0	1
HWDT	2014/12/31 7:10		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:36		11-O : Operating		FALSE	11	TRUE	FALSE	TRUE	FALSE	0	0
HWDT	19:58		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0

Unit	Start_Date	Finish_Date	State Code	Outage Code	SynchCondense	State	Operating?	Synch Cond?	Prev Stat Operating?	Prev Stat Already S.C.?	Trans to SC?	Starting Failure?
SVLT	21:32	21:33	21 (1)-FO-1 : Forced Outage - Sudden	(49314) Fuel Supply System to Unit	FALSE	21	FALSE	FALSE		TRUE		0	
SVLT	21:33		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0 *Number of transitions to S.C.* 12
SVLT	2014/01/04 2:14		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0 *Number of starting failures* 0
SVLT	2014/01/04 9:05	2014/01/04 9:57	21 (1)-FO-1 : Forced Outage - Sudden	(5203) Transmission equipment beyond 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	14:28	21 (1)-FO-1 : Forced Outage - Sudden	(49810) Generator Rotor	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0 Starting Failure Code 21 (4)-FO-4 : Forced Outage - Starting Failure
SVLT	14:28		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2014/01/04	2014/01/04										
SVLT	15:33	15:56	21 (1)-FO-1 : Forced Outage - Sudden	(5203) Transmission equipment beyond the transmission line	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	15:56		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	19:00		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	2014/01/05 0:03		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2014/01/05	2014/01/06										
SVLT	21:27	21:48	21 (1)-FO-1 : Forced Outage - Sudden	(5203) Transmission equipment beyond the transmission line	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	21:48	22:06	21 (1)-FO-1 : Forced Outage - Sudden	(49314) Fuel Supply System to Unit	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	22:06		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	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	0
SVLT	23:14		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	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	2014/01/07 9:26		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	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) : Forced Outage - Sudden	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	13:19		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2014/01/11 8:53		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	18:16		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	19:14		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	10:42		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	13:37		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
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		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	17:12		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	22:00		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2014/02/07 6:14		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	10:00		15-ABNO (FD) : Available but not operating - Forced Derated	(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	0	0
SVLT	13:25		15-ABNO (FD) : Available but not operating - Forced Derated	(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	21 (2)-FO-2 : Forced Outage - Immediately Deferrable	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	2014/02/10 17:04		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	21:36		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	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) : Forced Outage - Sudden	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
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		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2014/02/18 6:05		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2014/02/18 9:28		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	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	0	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		15-ABNO (FD) : Available but not operating - Forced Derated	(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-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	15:55		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	17:06		15-ABNO (FD) : Available but not operating - Forced Derated	(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	0
SVLT	15:37		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	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		15-ABNO (FD) : Available but not operating - Forced Derated	(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	0
SVLT	11:15		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	2014/03/04 6:00		12-O (FD) : Operating under Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2014/03/05 5:32		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	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	2014/03/06 6:27	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	0	0
SVLT	2014/03/06 9:17	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-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0

Unit	Start	End	Code : Description	Equipment		#						
SVLT	15:33		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	15:45	16:18	21 (1)-FO-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		15-ABNO (FD) : Available but not operating - Forced Derated	(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	0	0
SVLT	2014/03/07 9:04		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2014/03/11 7:10		12-O (FD) : Operating under Forced Derated	(49100) 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	15:36	24-MO : Maintenance Outage	(49100) Combustion Turbine	FALSE	24	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	15:36		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2014/03/25 9:24		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	10:40		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	15:06		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	16:24		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	21:19		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	13:44		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	14:33		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	14:39		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	15:30		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
	2014/05/16	2014/05/16		(49311) Internal Cooling and Seal Air System and Seals								
SVLT	10:53	14:44	21 (1)-FO-1 : Forced Outage - Sudden		FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	14:44		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2014/05/28 8:58	13:50	25-PO : Planned Outage	(49325) Building Fire Protection	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	13:50		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2014/06/06 9:52		12-O (FD) : 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 Instrumentation								
SVLT	14:00	11:00	21 (1)-FO-1 : Forced Outage - Sudden		TRUE	21	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	11:00		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	(49293) Exhaust Stack and Silencer	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	12:48		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	2014/06/11 8:47		12-O (FD) : Operating under Forced Derated	(49100) 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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	18:24		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	12:55		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	14:13		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2014/08/06 9:20		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2014/08/06 9:42		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2014/08/12 9:08	18:14	24-MO : Maintenance 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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2014/09/18 8:09		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	20:15		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	10:00		13-O (SD) : Operating under Scheduled Derated	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2014/10/02 11:18		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	2014/10/04 8:26	10:00	25-PO : Planned 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
SVLT	2014/10/21 11:24		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	11:25		25-PO : Planned Outage	(99999) Other	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	11:38		13-O (SD) : Operating under Scheduled Derated	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2014/10/22 12:41		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	12:42	14:53	25-PO : Planned Outage	(99999) Other	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
SVLT	2014/10/22 21:12		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	21:13		25-PO : Planned Outage	(99999) Other	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	2014/10/23 8:12		13-O (SD) : Operating under Scheduled Derated	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2014/10/23 15:46		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	15:51	15:23	25-PO : Planned Outage	(99999) Other	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	15:23		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	15:24	18:04	24-MO : Maintenance Outage	(99999) Other	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		15-ABNO (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 : Planned Outage	(99999) Other	FALSE	25	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	11:24		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	11:25	2014/11/20 9:21	24-MO : Maintenance Outage	(99999) Other	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	10:48	20:30	21 (1)-FO-1 : Forced Outage - Sudden	(49314) 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

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	(49100) Combustion Turbine	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		15-ABNO (FD) : Available but not operating - Forced Derated	(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		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	13:36	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	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		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	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 Code	Y-T-D Hours	Adj . Hours
11	212.68	
12	142.07	67.6
13	0	0
14	4951.22	
15	1196.38	418.77
16	0	0
21	2220.88	
22	0	
23	0	
24	14.93	
25	21.83	
30	0	
TOTAL	8760.0	486.4

Number of Forced Outages 17
Number of Unit Starts 88

Calculations	
State 11+12+13	280.28
State 14+15+16	5369.99
State 21+22+23	2220.88
Number of FO	17
Number of Starts	88
No. of Start Fail.	4
No. trans. to SC	18
Attempted Starts	110
r	130.64
D	2.6441509
T	48.818091
Demand Factor	0.0692508
UFOP	35.43%

NLH HWD/SVL Units - External Causes Included

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

2014 Gas Turbine UFOP Calulations - External Causes Included

Stephenville GT - 2014 Statistics

State Code	Y-T-D Hours	Adj . Hours
11	0.97	
12	362.20	156.88
13	17.62	11.27
14	0.00	
15	6617.15	2030.46
16	45.27	28.97
21	309.87	
22	0.00	
23	0.00	
24	772.43	
25	634.50	
30	0.00	
TOTAL	8760.01	2227.58

Number of Forced Outages 18
Number of Unit Starts 82

Calculations	
State 11+12+13	169.12
State 14+15+16	2059.43
State 21+22+23	309.87
Number of FO	18
Number of Starts	82
No. of Start Fail.	0
No. trans. to SC	12
Attempted Starts	94
r	17.215
D	1.7991489
T	21.90883
Demand Factor	0.1572776
UFOP	22.37%

2014 Gas Turbine UFOP Calulations - External Causes Excluded

Hardwoods GT - 2014 Statistics

State Code	Y-T-D Hours	Adj . Hours
11	212.68	
12	142.07	67.6
13	0	0
14	4951.22	
15	1196.38	418.77
16	0	0
21	724.77	
22	0	
23	0	
24	14.93	
25	21.83	
30	0	
TOTAL	7263.88	486.37

Number of Forced Outages   16
Number of Unit Starts   88

Calculations

State 11+12+13	354.75
State 14+15+16	6147.6
State 21+22+23	724.77
Number of FO	16
Number of Starts	88
No. of Start Fail.	4
No. trans. to SC	18
Attempted Starts	110
r	45.298125
D	3.3466981
T	55.887273
Demand Factor	0.1179827
UFOP	19.42%

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
T	62.79
Demand Factor	0.1464334
UFOP	16.73%

2014 Gas Turbine UFOP Calulations - External Causes Excluded

Stephenville GT - 2014 Statistics

State Code	Y-T-D Hours	Adj . Hours
11	0.97	
12	362.20	156.88
13	17.62	11.27
14	0.00	
15	6617.15	2030.46
16	45.27	28.97
21	284.27	
22	0.00	
23	0.00	
24	267.32	
25	414.43	
30	0.00	
TOTAL	8009.23	2227.58

Number of Forced Outages   15
Number of Unit Starts   82

Calculations

State 11+12+13	380.79
State 14+15+16	6662.42
State 21+22+23	284.27
Number of FO	15
Number of Starts	82
No. of Start Fail.	0
No. trans. to SC	12
Attempted Starts	94
r	18.951333
D	4.0509574
T	70.876809
Demand Factor	0.2131627
UFOP	13.73%

Unit	Start_Date	Finish_Date	State Code	Outage Code	SynchCondense	State	Operating?	Synch Cond?	Prev Stat Operating?	Prev Stat Already S.C.?	Trans to SC?	Starting Failure?
SVLT	12:35		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE		TRUE	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 *Number of transitions to S.C.* **15**
SVLT	2015/01/06 5:56		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0 *Number of starting failures* **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 Starting Failure Code 21 (4)-FO-4 : Forced Outage - Starting Failure
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	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	15:44		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	18:49		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/01/09 6:05		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	11:22		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(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	TRUE	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		15-ABNO (FD) : Available but not operating - Forced Derated	(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	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	16:21		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	17:44		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/01/31 7:08		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	16:59		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	10:04		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	10:05	10:21	21 (1)-FO-1 : Forced Outage - Sudden	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	10:21		11-O : Operating		FALSE	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	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	21:43		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/02/10 6:58		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	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	18:24		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	12:05		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	14:28		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	11:24		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	17:04		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/02/20 8:55	16:20	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		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/02/28 6:05		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	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/03/01 6:07		11-O : Operating		FALSE	11	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		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	21:28		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/03/02 5:58		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	10:35		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	18:45		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	21:41		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/03/04 6:11		11-O : Operating		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	(5203) Transmission equipment beyond 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	0
SVLT	13:41		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	17:05		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
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		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
	2015/03/05	2015/03/05	21 (1)-FO-1 : Forced Outage - Sudden	(49850) Synchronous Condenser Equipment	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	20:14	21:31										
SVLT	21:31		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2015/03/06 4:45		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2015/03/06 8:08		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/03/06 8:52		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	10:09		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/03/07 4:03		11-O : Operating		FALSE	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

	Start	End	Status	Cause								
SVLT	2015/03/12 8:56		14-ABNO : Available but not operating		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	10:34	24-MO : Maintenance Outage	(49100) Combustion Turbine	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	10:34	15:28	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	16:10	2015/05/28 9:41	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	2015/05/28 9:59	2015/05/29 7:50	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	17:36	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	12:35		12-O (FD) : Operating under Forced Derated		FALSE	12	TRUE	FALSE	TRUE	FALSE	0	0
SVLT	2015/06/17 7:20	2015/06/17 16:50	25-PO : Planned Outage	(5201) Powerhouse substation (non-Generating Unit Equipment)	FALSE	25	FALSE	FALSE	TRUE	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
SVLT	2015/07/20 10:28		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49101) Combustion Turbine © Exhaust Emission	FALSE	16	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	2015/07/20 22:15		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49101) Combustion Turbine © Exhaust Emission	TRUE	16	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2015/07/21 9:51		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49101) Combustion Turbine © Exhaust Emission	FALSE	16	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	2015/07/21 18:25		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49101) Combustion Turbine © Exhaust Emission	TRUE	16	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2015/07/22 7:19	2015/07/22 17:23	16-ABNO (SD) : Available but not operating - Scheduled Derated	(49101) Combustion Turbine © Exhaust 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	11:28	21 (1)-FO-1 : Forced Outage - Sudden	(49811) Generator Bearings	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
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	0	0
SVLT	2015/08/12 8:42	20:07	24-MO : Maintenance Outage	(49325) Building Fire Protection	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	20:07		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	20:08		12-O (FD) : Operating under Forced Derated		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	0	0
SVLT	11:12		12-O (FD) : Operating under Forced Derated		FALSE	12	TRUE	FALSE	FALSE	FALSE	0	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	0	0
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	16:43	25-PO : Planned Outage	(49890) Electrical Distribution System	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	16:43		11-O : Operating		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	11:08	24-MO : Maintenance Outage	(49900) Controls and Instrumentation	FALSE	24	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	11:08		11-O : Operating		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	13:10		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	15:39		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	15:50		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	18:58		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	17:01		11-O : Operating		FALSE	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		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	23:11	17:30	21 (1) : Forced Outage - Sudden	(49900) Controls and Instrumentation	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
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

Unit	Start_Date	Finish_Date	State Code	Outage Code	SynchCondense	State	Operating?	Synch Cond?	Prev Stat Operating?	Prev Stat Already S.C.?	Trans to SC?	Starting Failure?	
HWDT	2015/01/01 6:11		11-O : Operating		FALSE	11	TRUE	FALSE		TRUE	0		
HWDT	2015/01/01 8:18		11-O : Operating		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 : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	21:35		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	2015/01/06 6:41		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	Starting Failure Code 21 (4)-FO-4 : Forced Outage - Starting Failure
HWDT	20:38		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	16:32		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	21:08		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	2015/01/08 9:43	10:59	21 (4)-FO-4 : Forced Outage - Starting Failure		FALSE	21	FALSE	FALSE	FALSE	FALSE	0	1	
HWDT	10:59	16:55	13-O (SD) : Operating under Scheduled Derated	(49294) Exhaust Hood/Doors	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	11:50		11-O : Operating		FALSE	11	TRUE	FALSE	TRUE	FALSE	0	0	
HWDT	2015/01/08 13:39		16-ABNO (SD) : Available but not operating - Scheduled 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		11-O : Operating		FALSE	11	TRUE	FALSE	TRUE	FALSE	0	0	
HWDT	20:57		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	2015/01/09 6:23		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	11:01		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	16:49		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	19:15		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	2015/01/12 8:07		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	10:00		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	15:33		11-O : Operating		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 : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	10:45		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	16:05		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	18:14		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	13:14		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	17:38		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	2015/01/22 9:29		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	12:54		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	2015/01/23 9:45		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	12:52		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	15:12		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	21:17		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	2015/02/04 6:55		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	2015/02/04 8:09		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	2015/02/05 6:46		11-O : Operating		FALSE	11	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 : 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	2015/02/09 6:31		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	12:02		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	15:53		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	20:56		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	2015/02/10 6:55		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	13:35		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	2015/02/11 8:32		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	18:28		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	2015/02/12 6:47		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	18:54		14-ABNO : Available but not operating		FALSE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	11:19		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	17:08		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	11:38		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	0	0	
HWDT	10:23		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	16:02		14-ABNO : Available but not operating		FALSE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	15:55	16:50	21 (1)-FO-1 : Forced Outage - Sudden	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0	
HWDT	16:50		11-O : Operating		FALSE	11	TRUE	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 : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	2015/02/25 8:39		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	22:57	2015/02/27 0:16	21 (1)-FO-1 : Forced Outage - Sudden	(49800) Generator	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0	
HWDT	2015/02/27 0:16		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	1	0	
HWDT	2015/02/27 1:13	15:18	21 (1)-FO-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	TRUE	FALSE	0	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		11-O : Operating		FALSE	11	TRUE	FALSE	TRUE	FALSE	0	0	
HWDT	2015/02/28 9:42		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	10:28		13-O (SD) : Operating under Scheduled Derated	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	23:14		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0	
HWDT	2015/03/01 6:25		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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
HWDT	16:35		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	18:23		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0	
HWDT	15:08		12-O (FD) : 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	0	0	
HWDT	2015/03/04 6:11		12-O (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-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
HWDT	17:35		15-ABNO (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	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-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	

	Start	End	Description	Equipment								
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		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	19:07		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/03/08 7:38		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/03/08 8:33		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	17:00		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:51		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/03/10 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		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/03/12 6:04		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:57		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	17:01		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	1	0
HWDT	21:26		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/03/13 3:25		12-O (FD) : 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		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		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/03/16 9:21		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:20		15-ABNO (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-PO : Planned 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
HWDT	2015/03/25 15:12	2015/03/25 15:58	21 (1)-FO-1 : Forced Outage - Sudden	(49850) Synchronous Condenser Equipment	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	15:58		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:03		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/04/02 6:36		12-O (FD) : 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		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:19		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/04/21 7:11		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/04/21 8:41		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/04/22 7:31		12-O (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		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	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-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	16:41		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:07		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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
HWDT	2015/05/29 8:24	2015/07/28 18:42	25-PO : Planned Outage	(49950) Fuel Management Controls and Instrumentation	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	18:42		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	19:13		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/07/29 15:30	2015/07/30 17:17	16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2015/07/30 17:17		16-ABNO (SD) : Available but not operating - Scheduled 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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	15:16		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:02		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	17:00		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:09		15-ABNO (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-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	22:27		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	13:00		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:52		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	15:56		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	18:03		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	23:01		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	11:43		12-O (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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:43		15-ABNO (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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:31		15-ABNO (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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/09/13 9:57	2015/09/13 12:12	24-MO : Maintenance Outage	(5201) Powerhouse substation (non-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	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:15		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/09/27 8:18	2015/09/27 9:24	21 (4)-FO-4 : Forced Outage - Starting Failure	(49243) Clutch	FALSE	21	FALSE	FALSE	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/10/05 11:24	2015/10/09 11:38	25-PO : Planned Outage	(5201) Powerhouse substation (non-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	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

	Start	End	Description	Equipment								
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	11:00	21 (1)-FO-1 : Forced Outage - Sudden	(49294) Exhaust Hood/Doors	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	11:00		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2015/10/23 7:52	2015/10/23 18:27	25-PO : Planned Outage	(5201) Powerhouse substation (non-Generating 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
HWDT	2015/11/01 17:36		13-O (SD) : Operating under Scheduled Derated	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/11/01 18:24		16-ABNO (SD) : Available but not operating - Scheduled 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
HWDT	2015/11/02 18:58		16-ABNO (SD) : Available but not operating - Scheduled 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 11:07		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	19:32		15-ABNO (FD) : Available but not operating - Forced Derated	(49243) Clutch	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	20:07		12-O (FD) : Operating under Forced Derated	(49243) Clutch	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	23:01		15-ABNO (FD) : Available but not operating - Forced Derated	(49243) Clutch	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
HWDT	2015/11/04 13:38		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	TRUE	16	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	17:12		13-O (SD) : Operating under Scheduled Derated	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/11/04 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
HWDT	2015/11/05 18:50		16-ABNO (SD) : Available but not operating - Scheduled 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 12:01		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	TRUE	16	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:50		13-O (SD) : Operating under Scheduled Derated	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/11/17 18:26		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
HWDT	2015/11/18 21:57		16-ABNO (SD) : Available but not operating - Scheduled 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
HWDT	2015/11/19 10:24		16-ABNO (SD) : Available but not operating - Scheduled 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
HWDT	2015/11/20 9:54		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	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
HWDT	2015/11/20 17:39		16-ABNO (SD) : Available but not operating - Scheduled 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	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/11/23 17:36		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	TRUE	16	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/11/24 5:00	15:00	24-MO : Maintenance Outage	(49800) Generator	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2015/11/24 15:00		16-ABNO (SD) : Available but not operating - Scheduled Derated	(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-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:44		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
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		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	21:04		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	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
HWDT	2015/12/02 11:35		16-ABNO (SD) : Available but not operating - Scheduled 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	0	0
HWDT	17:15		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2015/12/03 9:15		16-ABNO (SD) : Available but not operating - Scheduled 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		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	0	0
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		TRUE	14	FALSE	TRUE	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

2015 Gas Turbine UFOP Calulations - External Causes Included

Hardwoods GT - Statistics

State Code	Y-T-D Hours	Adj . Hours
11	240.65	
12	129.05	58.06
13	40.52	13.7
14	1970.4	0
15	4155.57	1491.4
16	545.2	144.98
21	51.5	
22	0	
23	0	
24	67.37	
25	1559.75	
30	0	
TOTAL	8760.0	1708.1

Number of Forced Outages	11
Number of Unit Starts	107

Calculations

State 11+12+13	312.41
State 14+15+16	3606.78
State 21+22+23	51.5
Number of FO	11
Number of Starts	107
No. of Start Fail.	1
No. trans. to SC	4
Attempted Starts	112
r	4.6818182
D	2.8145045
T	32.203393
Demand Factor	0.4077773
UFOP	6.30%

NLH HWD/SVL Units - External Causes Included

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

2015 Gas Turbine UFOP Calulations - External Causes Included

Stephenville GT - Statistics

State Code	Y-T-D Hours	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	652.27	
22	0.00	
23	0.00	
24	578.30	
25	1654.93	
30	0.00	
TOTAL	8760.01	891.44

Number of Forced Outages	8
Number of Unit Starts	70

Calculations

State 11+12+13	191.8
State 14+15+16	4825.76
State 21+22+23	652.27
Number of FO	8
Number of Starts	70
No. of Start Fail.	0
No. trans. to SC	15
Attempted Starts	85
r	81.53375
D	2.2564706
T	56.773647
Demand Factor	0.0631619
UFOP	17.68%

2015 Gas Turbine UFOP Calulations - External Causes Excluded

Hardwoods GT - Statistics

State Code	Y-T-D Hours	Adj . Hours
11	240.65	
12	129.05	58.06
13	40.52	13.7
14	1970.4	0
15	4155.57	1491.4
16	545.2	144.98
21	51.5	
22	0	
23	0	
24	65.12	
25	1452.93	
30	0	
TOTAL	8650.94	1708.14

Number of Forced Outages   11
Number of Unit Starts   107

Calculations

State 11+12+13	410.22
State 14+15+16	3606.78
State 21+22+23	51.5
Number of FO	11
Number of Starts	107
No. of Start Fail.	1
No. trans. to SC	4
Attempted Starts	112
r	4.6818182
D	3.6956757
T	32.203393
Demand Factor	0.4748252
UFOP	5.63%

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
r	39.075
D	3.2976531
T	46.93
Demand Factor	0.1339447
UFOP	12.72%

ulations - External Causes Excluded

Stephenville GT - Statistics

State Code	Y-T-D Hours	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

Calculations

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
T	66.334
Demand Factor	0.06691
UFOP	15.59%

Unit	Start_Date	Finish_Date	State Code	Outage Code	SynchCondense	State	Operating?	Synch Cond?	Prev Stat Operating?	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		TRUE	0	0
HWDT	12:16	12:25	21 (2)-FO-2 : Forced Outage - Immediately Deferrable	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0 *Number of transitions to S.C.* **81**
HWDT	12:26		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0 *Number of starting failures* **10**
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	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:47		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	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
HWDT	14:42		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:43		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
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	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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2011/01/31 7:35		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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		15-ABNO (FD) : Available but not operating - Forced Derated	(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	11:43	15:03	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	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	14:44		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:12		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	13:20		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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	17:20		15-ABNO (FD) : Available but not operating - Forced Derated	(64210) Supervisory Control & Data	TRUE							
HWDT	2011/02/22	2011/02/22 7:49	16:05 25-PO : Planned Outage	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	16:34	24-MO : Maintenance Outage	(49900) Controls and Instrumentation	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	16:34		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:38		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	2011/03/01 8:21	2011/03/01 9:03	25-PO : Planned Outage	(49900) Controls and Instrumentation	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2011/03/01 9:03		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	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		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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	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		15-ABNO (FD) : Available but not operating - Forced Derated	(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	0	0
HWDT	2011/03/23 9:49	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	2011/04/14 8:55		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2011/04/14 9:39		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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:24		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	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	1	0
HWDT	20:51		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	10:25		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	19:04		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2011/04/27 8:34		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	23:05		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	17:38		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	19:47		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	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	(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	0	0
HWDT	10:55		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	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	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	0	0
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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	12:02		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	20:36		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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		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	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	13:53		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:25		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	14:30		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	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 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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:32		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2011/08/22 5:58		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	22:59		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	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		12-O (FD) : Operating under Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
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	(49100) 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	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	17:12		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	10:07		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	10:08	10:17	21 (1)-FO-1 : Forced Outage	(49100) Combustion Turbine	FALSE	21	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	0	0
HWDT	10:20		15-ABNO (FD) : Available but not operating - Forced Derated	(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	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	10:58		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	16:59		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	22:33		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
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	(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	0	0
HWDT	2011/10/25 9:38		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:41		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:17		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	17:15		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	19:06		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	21:50		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	20:54		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2011/10/30 8:53		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	2011/11/07 7:30	17:08	24-MO : Maintenance Outage	(49100) Combustion Turbine	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	17:08		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	2011/11/14 7:30	16:24	25-PO : Planned Outage	(49100) Combustion Turbine	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	13:10	13:48	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:43		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	14:49		15-ABNO (FD) : Available but not operating - Forced Derated	(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	0	0
HWDT	13:49		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:01	14:17	21 (1)-FO-1 : Forced Outage - Sudden	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	TRUE	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	18:32		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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	22:42		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(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	0	0
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	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	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	FALSE	12	TRUE	FALSE	FALSE	FALSE	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	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	0	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	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:57		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	12:45		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:30		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	21:12		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2012/02/11 8:46		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	18:45		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	22:07		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0

HWDT	13:12	20:53 21 (4)-FO-4 : Forced Outage - Starting Failure	(49800) Generator	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	1
HWDT	20:53	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
	2012/02/22										
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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	10:54	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	10:56	13:32 21 (4)-FO-4 : Forced Outage - Starting Failure	(49812) Generator Lubrication System	FALSE	21	FALSE	FALSE	FALSE	FALSE	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	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	18:13	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:23	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2012/03/15 7:05	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	2012/03/15 8:15	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:03	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	14:58	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	15:36	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2012/04/19 9:47	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:33	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	15:46	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:17	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	18:56	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	19:02	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	15:46	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:04	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	14:23	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:53	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	17:07	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	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 21 (1)-FO-1 : Forced Outage - Sudden	(49800) Generator	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	17:18	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	2012/05/02 8:46	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	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	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	21:42	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2012/05/03 7:52	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	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	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	15:14	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	10:34	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	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 25-PO : Planned Outage	(49100) Combustion Turbine	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	19:00	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2012/05/17 1:36	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	12:28	17:30 25-PO : Planned Outage	(49100) Combustion Turbine	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	17:30	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2012/05/19 8:34	17:22 25-PO : Planned Outage	(49100) Combustion Turbine	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	15:37	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	17:22	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	12:00	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:17	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	14:18	17:12 25-PO : Planned Outage	(49100) Combustion Turbine	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	17:12	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	12:00	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	12:42	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	14:42	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	15:15	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	18:22	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:47	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	19:17	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	19:38	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	19:55	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:42	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	16:47	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	17:17	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	16:24	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:44	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	16:57	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	17:14	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	18:07	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:22	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	19:39	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	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	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	12:24	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	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	17:30	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:05	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:20	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:56	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	13:34	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:58	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	15:33	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	17:01	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	10:44	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:07	11:47 21 (1)-FO-1 : Forced Outage - Sudden	(49800) Generator	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	11:47	15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	11:55	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0

Plant	Time	Time 2	Status	Equipment		Unit						
HWDT	13:36		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	13:55	14:39	21 (1)-FO-1 : Forced Outage - Sudden	(49800) Generator	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	14:39		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	15:05		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	19:11		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:49		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	21:17	2012/06/05 3:18	21 (1)-FO-1 : Forced Outage - Sudden	(49314) Fuel Supply System to Unit	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2012/06/05 3:18		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2012/06/05 3:32		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2012/06/05 3:37		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2012/06/05 4:07		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
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
HWDT	2012/06/05 7:11		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:24	16:47	25-PO : Planned Outage	(49243) Clutch	FALSE	25	FALSE	FALSE	TRUE	FALSE	14	0
HWDT	16:47		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:54		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	19:06		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	23:01		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:07		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	21:24		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2012/06/29 9:00		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
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
HWDT	2012/06/29 9:47		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	10:04		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	10:01		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:43	16:50	21 (1)-FO-1 : Forced Outage - Sudden	(49811) Generator Bearings	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	16:50		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:28		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	13:24		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:08		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	21:48	17:54	21 (1)-FO-1 : Forced Outage - Sudden	(49325) Building Fire Protection	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	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	12:09		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	12:41		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	21:45		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	13:31		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:56		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2012/08/30 9:43		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	20:06		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	10:29		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:07		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	11:49		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	2012/09/11 9:45		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:46		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2012/09/17 8:54		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	18:18		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	10:04	12:58	21 (1)-FO-1 : Forced Outage - Sudden	(49314) Fuel Supply System to Unit	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	12:58		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:57		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	16:29		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:47		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	23:39		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	16:56		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	17:08		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	18:17		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	19:10		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	18:11		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:31		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2012/10/31 8:46		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2012/10/31 9:07		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2012/10/31 9:48		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	10:03		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	17:14		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:25		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	15:01		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	15:17		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	12:27	13:35	21 (1)-FO-1 : Forced Outage - Sudden	(49800) Generator	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	13:35		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	15:06		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	15:54	17:22	21 (1)-FO-1 : Forced Outage - Sudden	(49800) Generator	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	17:22		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	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	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	21:49		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	23:18		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	14:35		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	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	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	17:33		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:25		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2013/01/11 7:12		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:32		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2013/01/16 0:44		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	14:27		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	15:17		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	21:04		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2013/01/17 9:08		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:26		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0

	Start	End	Event	Cause	Flag	Unit						
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	0	0
HWDT	22:33		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
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
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 7:32	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	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	11:09	12:24	21 (4)-FO-4 : Forced Outage - Starting Failure	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	1
HWDT	12:24		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:21		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2013/04/17 9:11		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	10:04		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	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
HWDT	2013/05/18 9:05	2013/05/25 16:14	16-ABNO (SD) : Available but not operating - Scheduled 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	0	0
HWDT	14:37		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	15:58		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2013/07/04 9:01	10:48	24-MO : Maintenance Outage	(5200) Transmission Limitations	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	10:48		14-ABNO : Available but not operating	(49100) Combustion Turbine	FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	14:45		11-O : Operating		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	0	0
HWDT	17:39		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	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	12:34	24-MO : Maintenance Outage	(49100) Combustion Turbine	FALSE	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	0	0
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	0	0
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	0	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		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	13:17		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	19:04		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	19:35		11-O : Operating		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
HWDT	2014/01/12 9:38	2014/01/12 13:47	24-MO : Maintenance Outage	(49980) Auxiliaries Controls and 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	21 (1)-FO-1 : Forced Outage - Sudden	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	18:58		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	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		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	21:21		11-O : Operating		FALSE	11	TRUE	FALSE	TRUE	FALSE	0	0
HWDT	22:31		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	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	21 (1)-FO-1 : Forced Outage - Sudden	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	13:57		11-O : Operating		FALSE	11	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		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	15:09		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	15:19		11-O : Operating		FALSE	11	TRUE	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		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0

HWDT	16:01		11-O : Operating		FALSE	11	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	24-MO : Maintenance Outage	(49100) Combustion Turbine	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2014/01/23 8:55		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	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		11-O : Operating		FALSE	11	TRUE	FALSE	TRUE	FALSE	0	0
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		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	13:24		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	14:54		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	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		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	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		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	2014/02/13 8:36		14-ABNO : Available but not operating		TRUE	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		11-O : 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	0
HWDT	13:54		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2014/03/01 9:39		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	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-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	12:44		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
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	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(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 : Operating		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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2014/03/13 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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:17		15-ABNO (FD) : Available but not operating - Forced Derated	(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	FALSE	FALSE	0	0
HWDT	10:22	10:43	21 (1)-FO-1 : Forced Outage - Sudden	(49100) Combustion Turbine	TRUE	21	FALSE	TRUE	FALSE	FALSE	0	0
HWDT	10:43		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
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 : 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		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	17:32		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	14:07		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	15:52		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	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	0	0

	Time	Date2	Description	Equipment	Flag	Num	C1	C2	C3	C4	N1	N2
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		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	0	0
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		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2014/05/08 7:41		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2014/05/08 9:55		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
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	0	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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:46		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	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	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	14:33		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	13:10	2014/06/21 8:24	25-PO : Planned Outage	(49312) Heat Shields	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2014/06/21 8:24	11:00	25-PO : Planned Outage	(49312) Heat Shields	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	11:00	18:45	15-ABNO (FD) : Available but not operating - Forced Derated	(49312) Heat Shields	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	18:45		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	17:17		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	18:05		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:45	19:16	15-ABNO (FD) : Available but not operating - Forced Derated	(49312) Heat Shields	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	19:16		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	10:33		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	10:52		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	15:26		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:04		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	18:56		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	18:59	19:10	21 (1)-FO-1 : Forced Outage - Sudden	(49314) Fuel Supply System to Unit	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	19:10		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:32		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2014/07/05 7:52		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	13:09		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:28		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	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	0	0
HWDT	11:54		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:39		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
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	0	0
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	2	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	19:24	2014/10/18 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		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	0
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	20	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	(49100) Combustion Turbine	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	(49100) Combustion Turbine	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	0	0
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	0	1
HWDT	2014/12/31 7:10		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:36		11-O : Operating		FALSE	11	TRUE	FALSE	TRUE	FALSE	0	0
HWDT	19:58		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/01/01 6:11		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/01/01 8:18		11-O : Operating		FALSE	11	TRUE	FALSE	TRUE	FALSE	0	0
HWDT	19:15		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/01/03 6:15		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	21:35		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/01/06 6:41		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:38		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:32		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	21:08		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	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	0	1
HWDT	10:59	16:55	13-O (SD) : Operating under Scheduled Derated	(49294) Exhaust Hood/Doors	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:50		11-O : Operating		FALSE	11	TRUE	FALSE	TRUE	FALSE	0	0
HWDT	2015/01/08 13:39		16-ABNO (SD) : Available but not operating - Scheduled 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		11-O : Operating		FALSE	11	TRUE	FALSE	TRUE	FALSE	0	0
HWDT	20:57		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/01/09 6:23		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:01		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:49		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	19:15		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/01/12 8:07		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	10:00		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	15:33		11-O : Operating		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 : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	10:45		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:05		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:14		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	13:14		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	17:38		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/01/22 9:29		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	12:54		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/01/23 9:45		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	12:52		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	15:12		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	21:17		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/02/04 6:55		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/02/04 8:09		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/02/05 6:46		11-O : Operating		FALSE	11	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 : 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	2015/02/09 6:31		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	12:02		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	15:53		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:56		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/02/10 6:55		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:35		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/02/11 8:32		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:28		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/02/12 6:47		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:54		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	11:19		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	1	0
HWDT	17:08		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	11:38		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	0	0
HWDT	10:23		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:02		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	15:55	16:50	21 (1)-FO-1 : Forced Outage - Sudden	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	16:50		11-O : Operating		FALSE	11	TRUE	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 : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/02/25 8:39		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	22:57	2015/02/27 0:16	21 (1)-FO-1 : Forced Outage - Sudden	(49800) Generator	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2015/02/27 0:16		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	2015/02/27 1:13	15:18	21 (1)-FO-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	TRUE	FALSE	0	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		11-O : Operating		FALSE	11	TRUE	FALSE	TRUE	FALSE	0	0
HWDT	2015/02/28 9:42		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	10:28		13-O (SD) : Operating under Scheduled Derated	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	23:14		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2015/03/01 6:25		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0

Unit	Start	End	Description	Equipment								
HWDT	12:18		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:35		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:23		15-ABNO (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-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	15:08		12-O (FD) : 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	0	0
HWDT	2015/03/04 6:11		12-O (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-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	17:35		15-ABNO (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	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-O (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		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	19:07		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/03/08 7:38		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/03/08 8:33		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	17:00		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:51		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/03/10 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		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/03/12 6:04		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:57		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	17:01		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	21:26		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/03/13 3:25		12-O (FD) : 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		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		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/03/16 9:21		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:20		15-ABNO (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-PO : Planned 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
HWDT	2015/03/25 15:12	2015/03/25 15:58	21 (1)-FO-1 : Forced Outage - Sudden	(49850) Synchronous Condenser Equipment	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	15:58		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:03		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/04/02 6:36		12-O (FD) : 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		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:19		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/04/21 7:11		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/04/21 8:41		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/04/22 7:31		12-O (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		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	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-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
HWDT	16:41		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:07		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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
HWDT	2015/05/29 8:24	2015/07/28 18:42	25-PO : Planned Outage	(49950) Fuel Management Controls and Instrumentation	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	18:42		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	19:13		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/07/29 15:30	2015/07/30 17:17	16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2015/07/30 17:17		16-ABNO (SD) : Available but not operating - Scheduled 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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	15:16		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	16:02		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	17:00		12-O (FD) : Operating under Forced Derated	(49314) Fuel Supply System to Unit	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	18:09		15-ABNO (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-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	22:27		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	13:00		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:52		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	15:56		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	18:03		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	23:01		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	11:43		12-O (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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	20:43		15-ABNO (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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	13:31		15-ABNO (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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/09/13 9:57	2015/09/13 12:12	24-MO : Maintenance Outage	(5201) Powerhouse substation (non-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	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:15		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/09/27 8:18	2015/09/27 9:24	21 (4)-FO-4 : Forced Outage - Starting Failure	(49243) Clutch	FALSE	21	FALSE	FALSE	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/10/05 11:24	2015/10/09 11:38	25-PO : Planned Outage	(5201) Powerhouse substation (non-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	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-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	11:00	21 (1)-FO-1 : Forced Outage - Sudden	(49294) Exhaust Hood/Doors	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	11:00		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2015/10/23 7:52	2015/10/23 18:27	25-PO : Planned Outage	(5201) Powerhouse substation (non-Generating 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
HWDT	17:36		13-O (SD) : Operating under Scheduled Derated	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/11/01 18:24		16-ABNO (SD) : Available but not operating - Scheduled 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
HWDT	2015/11/02 18:58		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	TRUE	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 11:07		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	19:32		15-ABNO (FD) : Available but not operating - Forced Derated	(49243) Clutch	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	20:07		12-O (FD) : Operating under Forced Derated	(49243) Clutch	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	23:01		15-ABNO (FD) : Available but not operating - Forced Derated	(49243) Clutch	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
HWDT	2015/11/04 13:38		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	TRUE	16	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	17:12		13-O (SD) : Operating under Scheduled Derated	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/11/04 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
HWDT	2015/11/05 18:50		16-ABNO (SD) : Available but not operating - Scheduled 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 12:01		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	TRUE	16	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	16:50		13-O (SD) : Operating under Scheduled Derated	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/11/17 18:26		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
HWDT	2015/11/18 21:57		16-ABNO (SD) : Available but not operating - Scheduled 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
HWDT	2015/11/19 10:24		16-ABNO (SD) : Available but not operating - Scheduled 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
HWDT	2015/11/20 9:54		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	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
HWDT	2015/11/20 17:39		16-ABNO (SD) : Available but not operating - Scheduled 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	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	2015/11/23 17:36		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	TRUE	16	FALSE	TRUE	TRUE	FALSE	0	0
HWDT	2015/11/24 5:00	15:00	24-MO : Maintenance Outage	(49800) Generator	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
HWDT	2015/11/24 15:00		16-ABNO (SD) : Available but not operating - Scheduled Derated	(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-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	11:44		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
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		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
HWDT	21:04		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	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
HWDT	2015/12/02 11:35		16-ABNO (SD) : Available but not operating - Scheduled 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	0	0
HWDT	17:15		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
HWDT	2015/12/03 9:15		16-ABNO (SD) : Available but not operating - Scheduled 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		FALSE	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	0	0

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

Unit	Start_Date	Finish_Date	State Code	Outage Code	SynchCondense	State	Operating?	Synch Cond?	Prev Stat Operating?	Prev Stat Already S.C.?	Trans to SC?	Starting Failure?	
SVLT	10:34		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE		TRUE	0	0	
SVLT	10:42		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0	*Number of transitions to S.C.* **60**
SVLT	11:11		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	*Number of starting failures* **0**
SVLT	11:49		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	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	0	0	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	(49100) Combustion Turbine	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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
SVLT	2011/02/15 7:05	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	(49100) Combustion Turbine	FALSE	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		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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
SVLT	2011/03/07 16:23	2011/03/07 17:46	21 (1)-FO-1 : Forced Outage - Sudden	(49311) Internal Cooling and Seal Air System and Seals	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0	
SVLT	17:46		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	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	
SVLT	2011/03/16 8:23	2011/03/16 16:21	24-MO : Maintenance Outage	(49980) Auxiliaries Controls and Instrumentation	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0	
SVLT	16:21		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
SVLT	2011/03/18 9:48	14:39	25-PO : Planned Outage	(99999) Other	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0	
SVLT	14:46		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	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	(49100) Combustion Turbine	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
SVLT	11:49		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
SVLT	12:41		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	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	15:00		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0	
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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	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	(49100) Combustion Turbine	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
SVLT	2011/06/14 9:27		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0	
SVLT	2011/06/14 9:40		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
SVLT	10:01		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0	
SVLT	14:20		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
SVLT	14:51		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	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	(49100) Combustion Turbine	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	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
SVLT	16:29		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
SVLT	14:21		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	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
SVLT	2011/09/14 5:56		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
SVLT	2011/09/14 8:49	18:48	25-PO : Planned Outage	(5200) Transmission Limitations	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0	
SVLT	18:48		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
SVLT	19:14		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	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	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
SVLT	10:06	18:55	25-PO : Planned Outage	(5200) Transmission Limitations	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0	
SVLT	18:55		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
SVLT	19:07		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	
SVLT	2011/09/19 7:32	19:39	15-ABNO (FD) : Available but not operating - Forced Derated	(49890) Electrical Distribution System	FALSE	15	FALSE	FALSE	FALSE	FALSE	0	0	
SVLT	19:39		25-PO : Planned Outage	(49100) Combustion Turbine	TRUE	25	FALSE	TRUE	TRUE	FALSE	0	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 9:55	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	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	1	0	
SVLT	2011/09/22 8:22	14:38	25-PO : Planned Outage	(49325) Building Fire Protection	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0	
SVLT	14:38		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0	

	Start	End	Event	Equipment		Code						
SVLT	2011/10/04 10:25	2011/10/04 10:53	21 (1)-FO-1 : Forced Outage - Sudden	(49980) Auxiliaries Controls and 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		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) : Forced Outage - Sudden	(49820) Generator Stator	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	2012/01/01 0:01	23:59	21 (1)-FO-1 : Forced Outage - Sudden	(49820) Generator Stator	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	2013/01/01 0:01	10:00	21 (1)-FO-1 : Forced Outage - Sudden	(49820) Generator Stator	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	10:00	16:54	12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	16:54	10:00	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	2013/06/01 8:51	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	12:09	21 (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	15:49	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) : 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	11:32	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		15-ABNO (FD) : Available but not operating - Forced Derated	(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	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	(49314) Fuel Supply System to Unit	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	13:18	15:55	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	2013/07/19 7:11	2013/07/20 2:57	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	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		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	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) : 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	20:21	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	21:33	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
SVLT	2014/01/04 9:05	2014/01/04 9:57	21 (1)-FO-1 : Forced Outage - Sudden	(5203) Transmission equipment beyond 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	14:28	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
SVLT	2014/01/04 15:33	2014/01/04 15:56	21 (1)-FO-1 : Forced Outage - Sudden	(5203) Transmission equipment beyond the transmission line	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	15:56		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	19:00		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	2014/01/05 0:03		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0

	2014/01/05	2014/01/06		(5203) Transmission equipment beyond								
SVLT	21:27	21:48	21 (1)-FO-1 : Forced Outage - Sudden	the transmission line	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	21:48	22:06	21 (1)-FO-1 : Forced Outage - Sudden	(49314) Fuel Supply System to Unit	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	22:06		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	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	0
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	0	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	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	13:19		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2014/01/11 8:53		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	18:16		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	19:14		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	10:42		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	13:37		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
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		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	17:12		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	22:00		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2014/02/07 6:14		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	10:00		15-ABNO (FD) : Available but not operating - Forced Derated	(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	0	0
SVLT	13:25		15-ABNO (FD) : Available but not operating - Forced Derated	(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	21 (2)-FO-2 : Forced Outage - Immediately Deferrable	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	17:04		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	21:36		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	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) : Forced Outage - Sudden	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
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		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2014/02/18 6:05		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2014/02/18 9:28		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	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	0	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		15-ABNO (FD) : Available but not operating - Forced Derated	(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-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	15:55		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	17:06		15-ABNO (FD) : Available but not operating - Forced Derated	(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	0
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		15-ABNO (FD) : Available but not operating - Forced Derated	(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	0
SVLT	11:15		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	2014/03/04 6:00		12-O (FD) : Operating under Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2014/03/05 5:32		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	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	2014/03/06 6:27	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	0	0
SVLT	2014/03/06 9:17	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-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	15:33		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	15:45	16:18	21 (1)-FO-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		15-ABNO (FD) : Available but not operating - Forced Derated	(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	0	0
SVLT	2014/03/07 9:04		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2014/03/11 7:10		12-O (FD) : Operating under Forced Derated	(49100) 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	15:36	24-MO : Maintenance Outage	(49100) Combustion Turbine	FALSE	24	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	15:36		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2014/03/25 9:24		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0

SVLT	10:40		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	15:06		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	16:24		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	21:19		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	13:44		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	14:33		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	14:39		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	15:30		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) 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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2014/05/16 10:53	2014/05/16 14:44	21 (1)-FO-1 : Forced Outage - Sudden	(49311) Internal Cooling and Seal Air System and Seals	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	14:44		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2014/05/28 8:58	13:50	25-PO : Planned Outage	(49325) Building Fire Protection	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	13:50		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2014/06/06 9:52		12-O (FD) : 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
SVLT	2014/06/06 14:00	2014/06/09 11:00	21 (1)-FO-1 : Forced Outage - Sudden	(49980) Auxiliaries Controls and Instrumentation	TRUE	21	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	11:00		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	(49293) Exhaust Stack and Silencer	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	12:48		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	2014/06/11 8:47		12-O (FD) : Operating under Forced Derated	(49100) 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		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	18:24		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	12:55		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	14:13		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2014/08/06 9:20		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2014/08/06 9:42		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2014/08/12 9:08	18:14	24-MO : Maintenance 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		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2014/09/18 8:09		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	20:15		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	10:00		13-O (SD) : Operating under Scheduled Derated	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2014/10/02 11:18		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	2014/10/04 8:26	10:00	25-PO : Planned 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
SVLT	2014/10/21 11:24		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	11:25		25-PO : Planned Outage	(99999) Other	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	11:38		13-O (SD) : Operating under Scheduled Derated	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2014/10/22 12:41		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	12:42	14:53	25-PO : Planned Outage	(99999) Other	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
SVLT	2014/10/22 21:12		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	21:13		25-PO : Planned Outage	(99999) Other	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	2014/10/23 8:12		13-O (SD) : Operating under Scheduled Derated	(49100) Combustion Turbine	FALSE	13	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2014/10/23 15:46		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49100) Combustion Turbine	FALSE	16	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	15:51	15:23	25-PO : Planned Outage	(99999) Other	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	15:23		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	15:24	18:04	24-MO : Maintenance Outage	(99999) Other	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		15-ABNO (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 : Planned Outage	(99999) Other	FALSE	25	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	11:24		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	11:25	2014/11/20 9:21	24-MO : Maintenance Outage	(99999) Other	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	10:48	20:30	21 (1)-FO-1 : Forced Outage - Sudden	(49314) 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
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	(49100) Combustion Turbine	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		15-ABNO (FD) : Available but not operating - Forced Derated	(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		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	13:36	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	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		15-ABNO (FD) : Available but not operating - Forced Derated	(49314) Fuel Supply System to Unit	FALSE	15	FALSE	FALSE	TRUE	FALSE	1	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
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	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	15:44		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	18:49		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/01/09 6:05		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	11:22		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(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		15-ABNO (FD) : Available but not operating - Forced Derated	(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	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	16:21		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	17:44		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/01/31 7:08		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	16:59		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	10:04		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	10:05	10:21	21 (1)-FO-1 : Forced Outage - Sudden	(49100) Combustion Turbine	FALSE	21	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	10:21		11-O : Operating		FALSE	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	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	21:43		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/02/10 6:58		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	11	TRUE	FALSE	FALSE	FALSE	1	0
SVLT	18:24		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	12:05		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	14:28		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	11:24		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	17:04		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/02/20 8:55	16:20	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		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/02/28 6:05		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	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/03/01 6:07		11-O : Operating		FALSE	11	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		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	21:28		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/03/02 5:58		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	10:35		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	18:45		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	21:41		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/03/04 6:11		11-O : Operating		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	(5203) Transmission equipment beyond 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	0
SVLT	13:41		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	17:05		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0

	Start	End	Status	Equipment	Flag	Unit	C1	C2	C3	C4	N1	N2
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		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/03/05 20:14	2015/03/05 21:31	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		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2015/03/06 4:45		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	2015/03/06 8:08		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/03/06 8:52		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	10:09		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	2015/03/07 4:03		11-O : Operating		FALSE	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		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	10:34	24-MO : Maintenance Outage	(49100) Combustion Turbine	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	10:34	15:28	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	16:10	2015/05/28 9:41	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	2015/05/28 9:59	2015/05/29 7:50	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	17:36	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	(49800) Generator	FALSE	15	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	2015/06/17 7:20	2015/06/17 16:50	25-PO : Planned Outage	(5201) Powerhouse substation (non-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
SVLT	2015/07/20 10:28		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49101) Combustion Turbine © Exhaust Emission	FALSE	16	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	2015/07/20 22:15		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49101) Combustion Turbine © Exhaust Emission	TRUE	16	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2015/07/21 9:51		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49101) Combustion Turbine © Exhaust Emission	FALSE	16	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	2015/07/21 18:25		16-ABNO (SD) : Available but not operating - Scheduled Derated	(49101) Combustion Turbine © Exhaust Emission	TRUE	16	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	2015/07/22 7:19	17:23	16-ABNO (SD) : Available but not operating - Scheduled Derated	(49101) Combustion Turbine © Exhaust 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	11:28	21 (1)-FO-1 : Forced Outage - Sudden	(49811) Generator Bearings	FALSE	21	FALSE	FALSE	FALSE	FALSE	0	0
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	0	0
SVLT	2015/08/12 8:42	20:07	24-MO : Maintenance Outage	(49325) Building Fire Protection	FALSE	24	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	20:07		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
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	0	0
SVLT	11:12		12-O (FD) : Operating under Forced Derated	(49100) Combustion Turbine	FALSE	12	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	12:04		15-ABNO (FD) : Available but not operating - Forced Derated	(49100) Combustion Turbine	TRUE	15	FALSE	FALSE	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	0	0
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	16:43	25-PO : Planned Outage	(49890) Electrical Distribution System	FALSE	25	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	16:43		11-O : Operating		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	11:08	24-MO : Maintenance Outage	(49900) Controls and Instrumentation	FALSE	24	FALSE	FALSE	TRUE	FALSE	0	0
SVLT	11:08		11-O : Operating		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	13:10		11-O : Operating		FALSE	11	TRUE	FALSE	FALSE	FALSE	0	0
SVLT	15:39		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	TRUE	FALSE	0	0
SVLT	15:50		14-ABNO : Available but not operating		FALSE	14	FALSE	FALSE	FALSE	FALSE	0	0
SVLT	18:58		14-ABNO : Available but not operating		TRUE	14	FALSE	TRUE	FALSE	FALSE	1	0
SVLT	17:01		11-O : Operating		FALSE	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		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

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 Code	Y-T-D Hours	Adj . Hours
11	508.93	
12	438.18	151.34
13	40.52	13.7
14	10871.53	0
15	23982	3049.26
16	720.35	232.55
21	3074	
22	0	
23	0	
24	1957.45	
25	2231.03	
30	0	
TOTAL	43824.0	3446.9

Number of Forced Outages 50
Number of Unit Starts 325

Calculations	
State 11+12+13	987.63
State 14+15+16	35573.88
State 21+22+23	3074
Number of FO	50
Number of Starts	325
No. of Start Fail.	10
No. trans. to SC	81
Attempted Starts	416
r	61.48
D	2.432586207
T	85.51413462
Demand Factor	0.063682434
UFOP	**16.54%**

NLH HWD/SVL Units - External Causes Excluded	
State 11+12+13	1,393.70
State 14+15+16	50,982.94
State 21+22+23	16,672.03
Number of FO	88.00
Number of Starts	514
No. of Start Fail.	10
No. trans. to SC	330
Attempted Starts	665
r	189.4548864
D	2.12778626
T	76.67
Demand Factor	0.037522239
UFOP	**30.98%**

2011 to 2015 Gas Turbine UFOP Calulations - External Causes Included

Stephenville GT - Statistics - 2011 to 2015

State Code	Y-T-D Hours	Adj . Hours
11	160.23	
12	517.72	234.57
13	17.62	11.27
14	7516.02	
15	17543.40	7836.61
16	100.18	56.43
21	13598.03	
22	0.00	
23	0.00	
24	1671.20	
25	2699.60	
30	0.00	
TOTAL	43824.00	8138.88

Number of Forced Outages 38
Number of Unit Starts 189

Calculations	
State 11+12+13	406.07
State 14+15+16	15409.06
State 21+22+23	13598.03
Number of FO	38
Number of Starts	189
No. of Start Fail.	0
No. trans. to SC	60
Attempted Starts	249
r	357.8428947
D	1.630803213
T	61.8837751
Demand Factor	0.029983213
UFOP	**50.10%**

2011 to 2015 Gas Turbine UFOP Calulations - External Causes Excluded

Hardwoods GT - Statistics - 2011 to 2015

State Code	Y-T-D Hours	Adj . Hours
11	508.93	
12	438.18	151.34
13	40.52	13.7
14	10871.53	0
15	23982	3049.26
16	720.35	232.55
21	3074	
22	0	
23	0	
24	1929.42	
25	2120.75	
30	0	
TOTAL	43685.68	3446.85

Number of Forced Outages 50
Number of Unit Starts 325

Calculations

State 11+12+13	987.63
State 14+15+16	35573.88
State 21+22+23	3074
Number of FO	50
Number of Starts	325
No. of Start Fail.	10
No. trans. to SC	81
Attempted Starts	416
r	61.48
D	2.432586207
T	85.51413462
Demand Factor	0.063682434
UFOP	16.54%

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
r	198.1669
D	2.569771
T	91.33
Demand Factor	0.0394824
UFOP	28.08%

2011 to 2015 Gas Turbine UFOP Calulations - External Causes Excluded

Stephenville GT - Statistics - 2011 to 2015

State Code	Y-T-D Hours	Adj . Hours
11	160.23	
12	517.72	234.57
13	17.62	11.27
14	7516.02	
15	17543.40	7836.61
16	100.18	56.43
21	13572.02	
22	0.00	
23	0.00	
24	1117.95	
25	2419.45	
30	0.00	
TOTAL	42964.59	8138.88

Number of Forced Outages 34
Number of Unit Starts 189

Calculations

State 11+12+13	695.57
State 14+15+16	25159.60
State 21+22+23	13572.02
Number of FO	34
Number of Starts	189
No. of Start Fail.	0
No. trans. to SC	60
Attempted Starts	249
r	399.1770588
D	2.793453815
T	101.0425703
Demand Factor	0.033484297
UFOP	39.52%