

## Annex 1

### Downtime Record of 2 Generators in 2012

02/01/2012

2#	17:08	Closing down, general failure
	17:12	Resume power generation and grid connection

03/01/2012

1#	14:16	Closing down, High voltage tripping
	14:20	Resume power generation and grid connection
2#	11:06	Closing down, general failure
	11:11	Resume power generation and grid connection
	12:27	Closing down, general failure
	12:32	Resume power generation and grid connection
	14:16	Closing down, High voltage tripping
	15:28	Filling up anti-freezing
	16:25	Changing hose
	20:16	Resume power generation and grid connection

04/01/2012

1#	14:27	Closing down, Air filter replacing
	14:31	Resume power generation and grid connection
2#	17:03	Closing down, general failure
	17:08	Resume power generation and grid connection
	17:11	Closing down, water replenishing
	18:45	Resume power generation and grid connection

05/01/2012

1#	11:03	Closing down, high voltage tripping
	11:05	Resume power generation and grid connection
2#	11:03	Closing down, high voltage tripping
	11:12	Resume power generation and grid connection

06/01/2012

2#	08:21	Closing down, general failure
	08:28	Resume power generation and grid connection
	08:32	Closing down, filling up water in radiator
	13:19	Resume power generation and grid connection

07/01/2012

2#	07:49	Closing down, power fluctuation
	07:55	Resume power generation and grid connection

	08:38	Closing down, knocking sensor replacing
	08:45	Resume power generation and grid connection
	15:06	Closing down, power fluctuation
	15:10	Resume power generation and grid connection
	16:05	Closing down, power fluctuation (1# Closing down at same time for ignition module replacing )
	16:27	Closing down, 1# power fluctuation and high voltage tripping
	16:32	Resume power generation and grid connection
1#	16:06	Exchanging ignition module with 2# generator
	16:23	Resume power generation and grid connection
	16:27	Closing down, air filter replacing
	11:17	Resume power generation and grid connection
1#	11:15	Closing down, tripping
	11:22	Resume power generation and grid connection
	11:27	Closing down, tripping
	11:31	Resume power generation and grid connection
13/01/2012		
1#	13:09	Closing down, air filter replacing
	13:18	Resume power generation and grid connection
	13:30	Closing down, power fluctuation
	13:35	Resume power generation and grid connection
	13:45	Closing down, power fluctuation
	13:56	Resume power generation and grid connection
	14:06	Closing down ( both generators ), replacing both ignition module
	14:32	Resume power generation and grid connection
	14:51	replacing back ignition modules
	15:16	Resume power generation and grid connection
	17:25	Closing down ( both generators ) high voltage tripping by the power fluctuation
	17:36	Resume power generation and grid connection
	19:13	Closing down ( both generators ), high voltage tripping by the power fluctuation
	19:29	Resume power generation and grid connection
	21:23	Closing down ( both generators ), high voltage tripping by the power fluctuation
	21:30	Resume power generation and grid connection
2#	13:29	Closing down, air filter replacing
	13:50	Resume power generation and grid connection
	14:06	Closing down (both generators), replacing both ignition modules
	14:27	Resume power generation and grid connection
	14:51	Closing down ( both generators), replacing back ignition modules
	15:09	Resume power generation and grid connection
	17:25	Closing down ( both generators ), high voltage tripping by the power fluctuation
	17:27	Resume power generation and grid connection
	19:13	Closing down ( both generators), high voltage tripping by the power fluctuation
	19:16	Resume power generation and grid connection

21:23	Closing down ( both generators), high voltage tripping by the power fluctuation
21:26	Resume power generation and grid connection
14/01/2012	
1# 10:56	Closing down, power fluctuation
11:32	Resume power generation and grid connection
16/01/2012	
1# 11:32	Closing down, negative sequence flow
11:35	Resume power generation and grid connection
2# 11:30	Closing down, negative sequence flow
11:34	Resume power generation and grid connection
18/01/2012	
1# 09:00	Closing down, routine maintenance
11:40	Resume power generation and grid connection
13:14	Closing down, air filter replacing
13:21	Resume power generation and grid connection
19/01/2012	
2# 08:54	Closing down, routine maintenance
14:24	Resume power generation and grid connection
20/02/2012	
	Closing down 2 times at last night
21/01/2012	
1# 13:23	Closing down, ignition module replacing
14:00	Resume power generation and grid connection
15:25	Closing down, turbocharger checking and repairing
22/01/2012	
1#	Closing down, installation of new turbocharger and accessories
23/01/2012	
1# 14:46	Resume power generation and grid connection
24/01/2012	
1#	Closing down, the power line burned in cabinet of Roots blower
31/01/2012	
1# 16:04	Closing down, replacing ignition modules of both generators
16:22	Resume power generation and grid connection

2# 16:10 Closing down, exchanging both ignition modules  
16:18 Resume power generation and grid connection

01/02/2012

1# 09:07 2301 Closing down, 2301 replacing  
09:25 Resume power generation and grid connection  
14:05 Closing down, replacing a group of sparking plug  
15:08 Resume power generation and grid connection

02/02/2012

2# 23:44 Closing down, tripping by power fluctuation of 1# generator  
23:54 Resume power generation and grid connection

03/02/2012

2# 01:04 Closing down, tripping of overcurrent protection  
01:34 Resume power generation and grid connection  
01:39 Closing down, tripping again  
01:53 Resume power generation and grid connection  
19:47 Closing down, tripping  
19:57 Resume power generation and grid connection

05/02/2012

2# 19:57-20:13 Closing down, overcurrent protection

06/02/2012

2# 00:50 Closing down, overcurrent protection  
01:00 Resume power generation and grid connection  
01:00 Closing down, overcurrent protection  
01:20 Resume power generation and grid connection  
06:23 Closing down, overcurrent protection  
06:30 Resume power generation and grid connection  
07:17 Closing down, overcurrent protection  
07:26 Resume power generation and grid connection  
11:29 Closing down, overcurrent protection  
11:48 Resume power generation and grid connection  
12:09 Closing down, overcurrent protection  
12:11 Resume power generation and grid connection  
12:27 Closing down, overcurrent protection, piezoresistor breakdown and link cable burned  
14:46 Resume power generation and grid connecton  
15:27 Closing down, checking temperature of link cable to piezoresistor  
15:31 Resume power generation and grid connection  
18:00 Closing down, overcurrent protection  
18:07 Resume power generation and grid connection

1# 11:33-24: 00 Closing down, exchanging and repairing relays in both generators

07/02/2012

2# 15:33 Closing down, filling water for 1# generator  
16:16 Resume power generation and grid connection  
16:40 Closing down, filling water for 1# generator  
17:35 Resume power generation and grid connection  
17:49 Closing down, vapor lock in radiator and cooling  
18:26 Resume power generation and grid connection  
1# 20:50 Resume power generation and grid connection  
23:22 Closing down, shortage of water in radiator  
23:31 Resume power generation and grid connection  
23:57 Closing down, shortage of water in radiator

08/02/2012

1# 00:06 Resume power generation and grid connection  
16:09 Closing down,  
16:20 Resume power generation and grid connection  
16:36 Closing down,  
16:38 Resume power generation and grid connection  
  
2# 01:00 Closing down, piezoresistor breakdown  
16:40 Resume power generation and grid connection

09/02/2012

1# 09:11 Closing down, power line checking and repairing  
09:16 Resume power generation and grid connection  
09:21 Closing down, power line checking and repairing  
09:26 Closing down, outage of high voltage line  
13:37 Resume power generation and grid connection  
14:38 Closing down,  
14:41 Resume power generation and grid connection  
  
2# 09:26 Closing down, outage of high voltage line  
13:34 Resume power generation and grid connection

10/02/2012

2# 08:55 Closing down, routine maintenance  
15:48 Resume power generation and grid connection

25/02/2012

1# 07:06 Closing down, cylinder cover replacing

27/02/2012

1# 19:32 Resume power generation and grid connection

05/03/2012

1# 08:51 Closing down, routine maintenance

13:45 Resume power generation and grid connection

2# 11:29 Closing down, air filter and flow meter replacing

12:30 Resume power generation and grid connection

06/03/2012

1# 13:31 Closing down, valve replacing

17:05 Resume power generation and grid connection

17/03/2012

1# 21:21 Closing down (both generators), outage of high voltage line

21:54 Resume power generation and grid connection

2# 21:21 Closing down(both generators), outage of high voltage line

,

21:44 Resume power generation and grid connection

21/03/2012

2# 08:57 Closing down, routine maintenance

12:20 Resume power generation and grid connection

12:44 Closing down,

12:50 Resume power generation and grid connection

13:02 Closing down,

13:34 Resume power generation and grid connection

16:13 Closing down (both generators), outage of high voltage line

1# 09:23 Closing down,

09:30 Resume power generation and grid connection

16:13 Closing down (both generators), outage of high voltage line

22/03/2012

Generators do not run, as high voltage line has not been repaired well.

23/03/2012

1# 01:37 Resume power generation and grid connection

13:58 Closing down (both generators), high voltage tripping

14:04 Resume power generation and grid connection

14:49 Closing down (both generators), high voltage tripping

14:56 Resume power generation and grid connection

2# 02:45 Resume power generation and grid connection

	13:58	Closing down (both generators), high voltage tripping
	14:01	Resume power generation and grid connection
	14:49	Closing down (both generators), high voltage tripping
	14:51	Resume power generation and grid connection

05/04/2012

1#	13:32	Closing down (both generators), outage of No. 76 grid
	16:50	Resume power generation and grid connection
2#	13:32	Closing down (both generators), outage of No. 76 grid
	16:51	Resume power generation and grid connection

12/04/2012

2#	09:01	Closing down, routine maintenance
	10:08	Resume power generation and grid connection

14/04/2012

1#	16:23	Closing down, Roots blower alarming
	16:40	Resume power generation and grid connection

16/04/2012

1#	08:53	Closing down, air filter replacing
	09:02	Resume power generation and grid connection

17/04/2012

1#	09:32	Closing down, high water temperature alarming
	09:37	Resume power generation and grid connection

18/04/2012

1#	23:32	Closing down,
	23:38	Resume power generation and grid connection
2#	22:20	Closing down, piezoresistor breakdown
	23:59	Resume power generation and grid connection

19/04/2012

1#	08:41	Closing down, for routine maintenance to catch up the maintenance of No. 76 grid
	11:58	Resume power generation and grid connection
2#	08:42	Closing down, for routine maintenance to catch up the maintenance of No. 76 grid
	11:13	Resume power generation and grid connection
	11:52	Closing down,
	11:58	Resume power generation and grid connection
	13:31	Closing down,
	13:46	Resume power generation and grid connection

14:28 Closing down,  
14:42 Resume power generation and grid connection

04/05/2012

2# 08:57 Closing down, routine maintenance  
11:56 Resume power generation and grid connection  
13:55 Closing down, power fluctuation, restarting again  
14:10 Resume power generation and grid connection  
14:31 Closing down, hose of Roots flower replacing  
15:18 Resume power generation and grid connection

08/05/2012

1# 08:57 Closing down, routine maintenance  
11:09 . Resume power generation and grid connection

14/05/2012

1# 14:33 Closing down, general failure  
14:43 Resume power generation and grid connection

16/05/2012

1# 18:37 Closing down, general failure  
18:43 Resume power generation and grid connection

17/05/2012

1# 08:49 Closing down, high water temperature alarming  
08:54 Resume power generation and grid connection  
09:09 Closing down, high water temperature alarming  
09:17 Resume power generation and grid connection  
12:24 Closing down, high water temperature alarming  
12:26 Resume power generation and grid connection  
13:20 Closing down, general failure  
13:22 Resume power generation and grid connection  
14:51 Closing down, general failure  
14:58 Resume power generation and grid connection

18/05/2012

1# 14:05 Closing down, power fluctuation  
14:18 Resume power generation and grid connection  
2# 14:00 Closing down, high water temperature alarming  
14:24 Resume power generation and grid connection  
14:26 Closing down, the failure of transducer of high water temperature, repaired by supplier



	15:43	Resume power generation and grid connection
	17:26	Closing down, high water temperature
	17:32	Resume power generation and grid connection
	18:05	Closing down,
	18:22	Resume power generation and grid connection
19/05/2012		
1#		Modify and debug the control cabinet
	09:30	Closing down,
	10:16	Resume power generation and grid connection
	11:10	Closing down,
	11:37	Resume power generation and grid connection
	15:03	Closing down,
	17:57	Resume power generation and grid connection
	20:19	Closing down,
	20:34	Closing down,
	20:39	Resume power generation and grid connection
2#		
	00:09	Closing down, high water temperature
	00:18	Resume power generation and grid connection
	17:53	Closing down, high water temperature
	19:56	Resume power generation and grid connection
20/05/2012		
1#	09:44	Closing down, Clean water tank
	11:48	Resume power generation and grid connection
	20:56	Closing down, caused by starting of 2# generator
	20:58	Resume power generation and grid connection
	21:36	Closing down, caused by starting of 2# generator
	21:38	Resume power generation and grid connection
2#	14:16	Closing down, clean water tank
	15:23	Resume power generation and grid connection
	20:15	Closing down, unfound failure
	21:00	Resume power generation and grid connection
	21:30	Closing down,
	21:40	Resume power generation and grid connection
21/05/2012		
1#	01:05	Closing down,
	01:12	Resume power generation and grid connection
	03:22	Closing down,
	03:25	Resume power generation and grid connection
	09:22	Closing down, exchanging ignition module on 1# and 2# generators
	09:41	Resume power generation and grid connection

2#	03:15	Closing down,
	03:24	Resume power generation and grid connection
	09:19	Closing down, exchanging ignition module on 1# and 2# generators
	09:37	Resume power generation and grid connection
22/05/2012		
1#	12:02	Closing down, failure of low voltage network and SP3 alarming
	12:09	Resume power generation and grid connection
	12:58	Closing down, as ditto
	13:14	Resume power generation and grid connection
	14:22	Closing down, ignition module replacing
	14:37	Resume power generation and grid connection
	16:07	Closing down,
	16:28	Resume power generation and grid connection
	19:36	Closing down,
	19:38	Resume power generation and grid connection
23/05/2012		
1#	11:16	Closing down,
	11:21	Resume power generation and grid connection
	11:56	Closing down,
	11:58	Resume power generation and grid connection
	14:06	Closing down, ignition module changing
	14:18	Resume power generation and grid connection
	18:06	Closing down,
	18:10	Resume power generation and grid connection
2#	16:35	Closing down, power fluctuation
	16:40	Resume power generation and grid connection
	17:13	Closing down,
	17:48	Resume power generation and grid connection
	17:53	Closing down, power fluctuation
	18:02	Resume power generation and grid connection
	18:42	Closing down, ignition module replacing
	18:48	Resume power generation and grid connection
	19:17	Closing down, actuator replacing
	19:34	Resume power generation and grid connection
	20:14	Closing down, checking cylinder of No.9 and No.11 and replacing spark plug, ignition coil and ignition module of No. 9 cylinder
	20:57	Resume power generation and grid connection
24/05/2012		
1#	16:14	Closing down, caused by ignition module
	16:24	Resume power generation and grid connection
	17:55	Closing down, by ignition module

	17:58	Resume power generation and grid connection
	18:20	Closing down, by ignition module
	18:29	Resume power generation and grid connection
25/05/2012		
	15:40	Closing down of both generator, for outage of high voltage by thunder weather
1#	18:58	Resume power generation and grid connection
2#	19:03	Resume power generation and grid connection
26/05/2012		
1#	10:16	Closing down, SP3 alarming
	10:20	Resume power generation and grid connection
	13:53	Closing down,
	13:56	Resume power generation and grid connection
	18:27	Closing down,
	18:30	Resume power generation and grid connection
27/05/2012		
1#	12:59	Closing down, high water temperature alarming
	13:07	Resume power generation and grid connection
30/05/2012		
1#	16:54	Closing down,
	16:57	Resume power generation and grid connection
31/05/2012		
1#	09:08	Closing down, maintenance
	11:49	Resume power generation and grid connection
01/06/2012		
1#	17:25	Closing down, ignition module replacing
	18:24	Resume power generation and grid connection
02/06/2012		
1#	08:55	Closing down, exchanging ignition modules between both generators
	09:24	Resume power generation and grid connection
2#	08:55	Closing down, exchanging ignition modules between both generators
	09:34	Resume power generation and grid connection
04/06/2012		
1#	12:51	Closing down,
	12:55	Resume power generation and grid connection
	13:42	Closing down,
	13:45	Resume power generation and grid connection

05/06/2012

1#		high water temperature
	12:09	Closing down,
	12:13	Resume power generation and grid connection
	12:34	Closing down,
	12:37	Resume power generation and grid connection
	12:57	Closing down,
	13:00	Resume power generation and grid connection
	14:39	Closing down,
	14:41	Resume power generation and grid connection
	15:14	Closing down,
	15:17	Resume power generation and grid connection

08/06/2012

2#	14:59	Closing down, air filter replacing
	15:08	Resume power generation and grid connection

09/06/2012

1#	12:06	Closing down,
	12:10	Resume power generation and grid connection
	17:35	Closing down,
	17:40	Resume power generation and grid connection
	18:04	Closing down,
	18:16	Resume power generation and grid connection

11/06/2012

1#	17:27	Closing down, SP3 alarming
	17:32	Resume power generation and grid connection

14/06/2012

2#	09:08	Closing down, routine maintenance
	13:15	Resume power generation and grid connection
	14:00	Closing down, power fluctuation and ignition coil replacing
	14:13	Resume power generation and grid connection
	14:22	Closing down, power fluctuation and sparking plug replacing for No.1 and No.7 cylinder
	14:45	Resume power generation and grid connection

15/06/2012

2#	08:42	Closing down, power fluctuation and sparking plug replacing for No.9 and No.16 cylinder
	09:01	Resume power generation and grid connection

16/06/2012

1#	14:31	Closing down, high voltage tripping outside plant, caused by power lowing as a failure of gas pre-treat system
	14:40	Resume power generation and grid connection
	17:51	Closing down, low voltage alarming
	17:57	Resume power generation and grid connection
2#	14:31	Closing down, high voltage tripping outside plant, caused by power lowing as a failure of gas pre-treat system
	14:35	Resume power generation and grid connection

18/06/2012

1#	15:04	Closing down, SP3 alarming
	15:08	Resume power generation and grid connection

19/06/2012

2#	12:12	Closing down, power fluctuation and sparking plug replacing for No.8 and No.13 cylinder
	12:38	Resume power generation and grid connection

20/06/2012

1#	10:14	Closing down, air filter replacing
	10:16	Resume power generation and grid connection

22/06/2012

2#	17:31	Closing down, overvoltage
	17:38	Resume power generation and grid connection

23/06/2012

2#	09:11	Closing down, checking failure of low power
	09:21	Resume power generation and grid connection

29/06/2012

1#	09:03	Closing down, routine maintenance
	10:11	Resume power generation and grid connection

02/07/2012

1#	15:55	Closing down,
	15:58	Resume power generation and grid connection

03/07/2012

1#	10:40	Closing down,
	10:44	Resume power generation and grid connection

05/07/2012

1#	06:58	Closing down, routine maintenance
	16:20	Resume power generation and grid connection
2#	06:59	Closing down, meters checking and verification
	16:33	Resume power generation and grid connection

12/07/2012

1#	14:28	Closing down,
	14:31	Resume power generation and grid connection

13/07/2012

1#	13:41	Closing down,
	14:44	Resume power generation and grid connection
	15:27	Closing down,
	15:30	Resume power generation and grid connection
	16:17	Closing down,
	16:20	Resume power generation and grid connection

SP3 alarming

14/07/2012

1#	15:01	Closing down,
	15:05	Resume power generation and grid connection
	17:46	Closing down,
	17:56	Resume power generation and grid connection

17/07/2012

1#	16:01	Closing down,
	16:04	Resume power generation and grid connection
	17:07	Closing down,
	17:09	Resume power generation and grid connection

20/07/2012

1#	14:28	Closing down,
	14:30	Resume power generation and grid connection

22/07/2012

2:09-8:33		Closing down, high voltage phase loss by thunder weather
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2#	14:33	Closing down, high water temperature
	14:40	Resume power generation and grid connection
	14:44	Closing down,
	14:57	Starting engine, cooling

	15:12	Closing down, the failure of fan of radiator
	15:43	Starting engine
23/07/2012		
2#	08:45	Closing down, repairing the fan of radiator
	09:33	Resume power generation and grid connection
1#	13:38	Closing down,
	13:40	Resume power generation and grid connection
	15:19	Closing down,
	15:21	Resume power generation and grid connection, SP3 alarming
24/07/2012		
2#	08:23	Closing down, installing the fan of radiator
	09:19	Resume power generation and grid connection
25/07/2012		
1#	21:24	Closing down,
	21:32	Resume power generation and grid connection
2#	21:30	Closing down,
	21:37	Resume power generation and grid connection
26/07/2012		
1#	09:40	Closing down, transducer failure and tripping
	09:45	Resume power generation and grid connection
28/07/2012		
2#	18:55	Closing down, checking the fan of radiator
	19:38	Resume power generation and grid connection
29/07/2012		
1#	15:03	Closing down, SP3 alarming
	15:11	Resume power generation and grid connection
30/07/2012		
1#	13:29	Closing down, SP3 alarming
	13:32	Resume power generation and grid connection
02/08/2012		
2#	08:43	Closing down, removing radiating fan
	09:26	Resume power generation and grid connection
	13:18	installing the radiating fan
	13:51	Resume power generation and grid connection
	8:42-9:25	(manual stop condition)
	13:17-13:50	(manual stop condition)

08/08/2012

2#	08:58	Closing down, routine maintenance
	09:52	Resume power generation and grid connection

09/08/2012

1#	10:42	Closing down
	10:45	Resume power generation and grid connection

10/08/2012

1#	12:40	Closing down, SP3 alarming
	12:42	Resume power generation and grid connection
	13:21	Closing down, SP3 alarming
	13:24	Resume power generation and grid connection
	14:32	Closing down, SP3 alarming
	14:35	Resume power generation and grid connection
	14:51	Closing down, SP3 alarming
	14:53	Resume power generation and grid connection
	16:59	Closing down, SP3 alarming
	17:01	Resume power generation and grid connection

12/08/2012

1#	15:18	Closing down, SP3 alarming
	15:24	Resume power generation and grid connection

15/08/2012

1#	15:43	Closing down, SP3 alarming
	15:45	Resume power generation and grid connection
	17:35	Closing down, SP3 alarming
	17:37	Resume power generation and grid connection

16/08/2012

2#	08:58	Closing down, routine maintenance
	11:43	Resume power generation and grid connection
	19:07	Closing down, SP3 alarming
	19:43	Resume power generation and grid connection, filling water into radiator
1#	11:27	SP3 Closing down, SP3 alarming
	11:29	Resume power generation and grid connection
	14:49	SP3 Closing down, SP3 alarming
	14:52	Resume power generation and grid connection
	19:07	SP3 Closing down, SP3 alarming
	19:12	Resume power generation and grid connection

17/08/2012



1#	15:40	SP3 Closing down, SP3 alarming
	15:43	Resume power generation and grid connection
20/08/2012		
2#	11:50	Closing down,
	11:54	Resume power generation and grid connection
21/08/2012		
2#	08:40	Closing down, check and repairing of fan of radiator
	09:13	Resume power generation and grid connection
	13:11	Closing down, installation of fan of radiator
	13:50	Resume power generation and grid connection
	14:05	Closing down, fan's failure
	14:27	Resume power generation and grid connection
22/08/2012		
1#	08:58	Closing down, routine maintenance
	13:28	Resume power generation and grid connection
26/08/2012		
1#	14:04	Closing down, SP3 alarming
	14:07	Resume power generation and grid connection
04/09/2012		
1#	15:20	Closing down, power fluctuation
	15:26	Resume power generation and grid connection
08/09/2012		
1#	09:04	Closing down, power fluctuation
	09:15	Resume power generation and grid connection
	11:36	Closing down, general failure
	11:39	Resume power generation and grid connection
11/09/2012		
1#	08:48	Closing down, power fluctuation and knock sensor replacing
	09:06	Resume power generation and grid connection
13/09/2012		
1#	SP3 signal trouble	
	11:41	Closing down,
	11:45	Resume power generation and grid connection
	13:27	Closing down,
	13:36	Resume power generation and grid connection
	14:51	Closing down,

14:54	Resume power generation and grid connection
15:39	Closing down,
15:44	Resume power generation and grid connection

28/09/2012

1#	04:46	Closing down, to match up the outage of No.76 grid but canceled later
	05:15	Resume power generation and grid connection
	06:44	Closing down,
	06:50	Resume power generation and grid connection
	10:32	Closing down,
	10:37	Resume power generation and grid connection
	10:51	Closing down,
	10:54	Resume power generation and grid connection
2#	04:28	Closing down, to match up the outage of No.76 grid but canceled later. Then, to check and repair the leakage of radiator.
	11:27	Resume power generation and grid connection

05/10/2012

1#	08:40	Closing down of both generators by the failure of gas collecting system
	08:44	Resume power generation and grid connection
2#	08:40	Closing down of both generators by the failure of gas collecting system
	08:48	Resume power generation and grid connection

09/10/2012

1#	08:56	Closing down, routine maintenance
	11:12	Resume power generation and grid connection

14/10/2012

1#	09:35	Closing down,
	09:54	Resume power generation and grid connection
	17:39	Closing down, power fluctuation
	17:46	Resume power generation and grid connection
2#	09:35	Closing down,
	09:59	Resume power generation and grid connection

15/10/2012

1#	08:52	Closing down, routine maintenance
	09:56	Resume power generation and grid connection
	10:04	Closing down,
	10:07	Resume power generation and grid connection
	10:24	Closing down,
	10:30	Resume power generation and grid connection
2#	14:43	Closing down, power fluctuation and sparking plug replacing for the No.4

		cylinder
	15:06	Resume power generation and grid connection
16/10/2012		
1#	13:39	Closing down, power fluctuation
	13:46	Resume power generation and grid connection
2#	13:11	Closing down, power fluctuation and sparking plug replacing for the No14 cylinder
	13:31	Resume power generation and grid connection
19/10/2012		
1#	09:34	Closing down, tripping
	09:37	Resume power generation and grid connection
	09:41	Closing down, tripping
	09:45	Resume power generation and grid connection
20/10/2012		
1#	01:50	Closing down,
	01:57	Resume power generation and grid connection
25/10/2012		
1#	10:49	Closing down, power fluctuation and actuator replacing
	11:12	Resume power generation and grid connection
	11:23	Closing down, exchanging actuator between 1 and 2# generator
	11:47	Resume power generation and grid connection
	13:28	Closing down, power fluctuation and exchanging ignition module between 1 and 2# generator
	13:47	Resume power generation and grid connection
	16:50	Closing down, power fluctuation and 2301 replacing
	17:20	Resume power generation and grid connection
	18:00	Closing down, power fluctuation and returning 2301
	18:15	Resume power generation and grid connection
	18:43	Closing down, power fluctuation
	18:49	Resume power generation and grid connection
2#	11:20	Closing down, exchanging actuator between 1 and 2# generator
	11:54	Resume power generation and grid connection
	13:31	Closing down, exchanging ignition module between 1 and 2# generator
	13:43	Resume power generation and grid connection
26/10/2012		
1#	09:42	Closing down,
	13:39	Resume power generation and grid connection

28/10/2012

1#	13:54	Closing down, checking and repairing
	17:57	Resume power generation and grid connection

29/10/2012

1#	10:01	Closing down, pressure sensors replacing for 1 and 2 # generator
	12:20	Resume power generation and grid connection
	12:57	Closing down,
	14:35	Resume power generation and grid connection
	17:04	Closing down, 2301 replacing
	17:19	Resume power generation and grid connection
	17:26	Closing down, overcurrent protection
	17:29	Resume power generation and grid connection
2#	12:03	Closing down, pressure sensors replacing for 1 and 2 # generator
	12:13	Resume power generation and grid connection

30/10/2012

1#	08:40	Closing down, power fluctuation
	10:13	Resume power generation and grid connection
	12:30	Closing down, PLC module replacing for 1 and 2 # generator
	12:45	Resume power generation and grid connection
	13:10	Closing down,
	13:16	

Resume power generation and grid connection

	13:40	Closing down, leakage of lubricating oil and a seal replacing at outlet of pump
	16:37	Resume power generation and grid connection
2#	12:37	Closing down,
	12:44	Resume power generation and grid connection

31/10/2012

1#	09:07	Closing down,
	09:15	Resume power generation and grid connection
	10:01	Closing down,
	10:28	Resume power generation and grid connection
	10:55	Closing down,
	11:47	Resume power generation and grid connection after debugging power fluctuation

09/11/2012

2#	08:48	Closing down, routine maintenance
	11:55	Resume power generation and grid connection

11/11/2012

1#	09:39	Closing down, to match up the landfill construction
2#	09:40	Closing down, to match up the landfill construction

15/11/2012

2#	15:16	Resume power generation and grid connection
	17:06	Closing down, leakage of radiator and filling up water
	18:02	Resume power generation and grid connection

17/11/2012

1#	15:15	Resume power generation and grid connection
	21:22	Closing down,
	21:28	Resume power generation and grid connection

19/11/2012

1#	11:58	Closing down, general failure
	12:03	Resume power generation and grid connection

26/11/2012

2#	09:05	Closing down, routine maintenance
	11:16	Resume power generation and grid connection

27/11/2012

1#	09:12	Closing down, routine maintenance
	12:05	Resume power generation and grid connection
2#	10:27	Closing down, general failure
	10:36	Resume power generation and grid connection
	10:46	Closing down, SP3 failure
	19:01	Closing down, temperature transmitter failure
	19:27	Resume power generation and grid connection
	19:39	Closing down, power fluctuation and piezoresistor breakdown
	20:47	Resume power generation and grid connection

29/11/2012

2#	20:18	Closing down, piezoresistor breakdown
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30/11/2012

1#	14:17	Closing down, linking main pipe
	15:06	Resume power generation and grid connection

01/12/2012

1#	15:15	Closing down, assisting 2# generator's starting
	16:13	Resume power generation and grid connection

02/12/2012

2#	18:55	Resume power generation and grid connection
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05/12/2012

2#	09:50	Closing down for repairing
	13:03	Resume power generation and grid connection

07/12/2012

1#	17:00	Closing down, corrugated pipe leakage in main pipe line
	17:38	Resume power generation and grid connection
2#	17:00	Closing down, corrugated pipe leakage in main pipe line
	17:38	Resume power generation and grid connection

09/12/2012

1#	04:34	Closing down,
	04:50	Resume power generation and grid connection
	07:09	Closing down,
	07:22	Resume power generation and grid connection
	15:34	Closing down, general failure
	15:42	Resume power generation and grid connection
2#	04:34	Closing down,
	04:50	Resume power generation and grid connection
	07:09	Closing down,
	07:22	Resume power generation and grid connection

12/12/2012

2#	11:24	Closing down, power fluctuation
	11:36	Resume power generation and grid connection

13/12/2012

1#	14:24	Closing down, exchanging actuator between 1 and 2# generator
	14:36	Resume power generation and grid connection
2#	14:00	Closing down, exchanging actuator between 1 and 2# generator
	14:33	Resume power generation and grid connection
	14:59	Closing down, sparking plug replacing of No.2,12 and 16 cylinder
	15:27	Resume power generation and grid connection

21/12/2012

1#	09:32	SP3 Closing down,
	09:38	Resume power generation and grid connection
	14:04	Closing down, checking filter cartridge of inflow and fire barrier

	16:00	Resume power generation and grid connection
2#	08:58	Closing down, routine maintenance
	11:23	Resume power generation and grid connection
	14:17	Closing down, high temperature by high concentration of methane
	14:26	Resume power generation and grid connection

22/12/2012

1#	09:49	Closing down, checking and repairing
	12:21	Resume power generation and grid connection
	19:18	Closing down, high temperature by high concentration of methane
	19:24	Resume power generation and grid connection
	20:04	Closing down,
	20:08	Resume power generation and grid connection
2#	10:29	Closing down, high temperature by high concentration of methane
	10:33	Resume power generation and grid connection
	19:08	Closing down,
	20:44	Resume power generation and grid connection

23/12/2012

1#	12:14	Closing down, high temperature by high concentration of methane
	12:18	Resume power generation and grid connection
	12:37	Closing down, general failure
	13:06	Resume power generation and grid connection
2#	11:56	Closing down, high water level
	12:23	Resume power generation and grid connection

24/12/2012

2#	10:10	Closing down, piezoresistor breakdown
	10:46	Resume power generation and grid connection
	11:00	Closing down, piezoresistor breakdown
	11:24	Resume power generation and grid connection
	22:28	Closing down, piezoresistor breakdown
	23:05	Resume power generation and grid connection
	23:14	Closing down, piezoresistor breakdown
	23:32	Resume power generation and grid connection

25/12/2012

2#	12:07	Closing down, piezoresistor breakdown
	12:50	Resume power generation and grid connection

29/12/2012

1#	13:44	Closing down, leakage of gas main pipeline
	14:13	Resume power generation and grid connection
2#	13:44	Closing down, leakage of gas main pipeline

14:08 Resume power generation and grid connection

31/12/2012

2# 19:46 Closing down, piezoresistor breakdown

20:44 Resume power generation and grid connection