

Forced Outages (98 - 04)

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EQUIP	SDR #	Date Outage	Date Outage-Finish	Duration	Cause	Fault	A/R	3-ph or 1-ph
5L61	3-48385	2004-08-02 18:44	2004-08-02 18:44	0:00:00	LI	CG	S	1
5L61	3-48288	2004-07-24 16:39	2004-07-24 16:39	0:00:00	LI	BG	S	1
5L61	3-48287	2004-07-24 16:30	2004-07-24 16:30	0:00:00	LI	AG	S	1
5L61	3-48233	2004-07-19 17:55	2004-07-19 17:55	0:00:00	LI	AG	S	1
5L61	3-48227	2004-07-19 13:51	2004-07-19 14:01	0:10:00	LI	BG		3
5L61	3-48226	2004-07-19 13:41	2004-07-19 13:41	0:00:00	LI	AG	S	1
5L61	3-48051	2004-07-01 16:51	2004-07-01 16:51	0:00:00	LI	BG	S	1
5L61	3-47853	2004-06-12 17:41	2004-06-12 17:41	0:00:00	LI	AG	S	1
5L61	3-45503	2003-09-19 15:08	2003-09-19 15:25	0:17:00	OI	NO		3
5L61	3-45337	2003-09-03 18:25	2003-09-03 18:25	0:00:00	LI	AG	S	1
5L61	3-44710	2003-07-11 15:57	2003-07-11 15:57	0:00:00	LI	CG	S	1
5L61	3-44664	2003-07-07 16:20	2003-07-07 16:20	0:00:00	LI	CG	S	1
5L61	3-44576	2003-06-30 04:42	2003-06-30 04:42	0:00:00	LI	AG	S	1
5L61	3-44264	2003-06-09 15:19	2003-06-09 15:19	0:00:00	LI	AG	S	1
5L61	3-41274	2002-06-15 17:16	2002-06-15 17:16	0:00:00	LI	BG	S	1
5L61	3-21105	2001-08-23 07:47	2001-08-23 07:47	0:00:00	LI	BG	S	1
5L61	3-20711	2001-08-03 17:52	2001-08-03 17:52	0:00:00	LI	AG	S	1
5L61	3-20713	2001-08-03 17:52	2001-08-03 17:52	0:00:00	LI	AG	S	1
5L61	4-33106	2001-06-24 18:07	2001-06-24 18:07	0:00:00	LI	BG	S	1
5L61	4-34103	2000-07-31 18:49	2000-07-31 18:49	0:00:00	AW	CG	S	1
5L61	3-14699	2000-07-05 04:08	2000-07-05 04:53	0:45:00	OI	NO		3
5L61	4-35269	1999-09-23 18:45	1999-09-24 01:57	7:12:00	DE	NO		3

A/R= Auto-Reclose, S=Successful, LI=Lightning, OI=Operation Isolation, AW=Adverse Weather, DE=Defective Equipment, TR=Tree, PI=Personnel Incident, UN=Unknown, OT=Other, WI=Wind,AG=A-phase to ground, NO=No fault, PN=Protection

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EQUIP	SDR #	Date Outage	Date Outage-Finish	Duration	Cause	Fault	A/R	3-ph or 1-ph
5L61	4-35506	1999-08-06 20:40	1999-08-06 21:40	1:00:00	LI	AG	S	1
5L61	4-37292	1998-07-10 21:22	1998-07-10 21:22	0:00:00	LI	AG	S	1
5L61	4-37293	1998-07-10 17:41	1998-07-10 17:41	0:00:00	LI	AG	S	1
5L61	4-37294	1998-07-10 17:38	1998-07-10 17:38	0:00:00	LI	BG	S	1
5L61	4-37435	1998-07-02 19:17	1998-07-02 19:17	0:00:00	LI	CG	S	1
5L61	4-37624	1998-06-08 16:34	1998-06-08 16:34	0:00:00	TR	CG	U	1
5L61	4-37625	1998-06-08 16:11	1998-06-08 16:12	0:01:00	TR	CG	U	1
5L61	4-37626	1998-06-08 14:31	1998-06-08 14:37	0:06:00	TR	CG	U	3
5L61	4-37774	1998-05-18 01:29	1998-05-18 01:39	0:10:00	LI	AG	B	3
5L61	4-37794	1998-05-13 15:17	1998-05-13 15:17	0:00:00	LI	AG	S	1
5L62	3-49011	2004-10-15 09:01	2004-10-15 09:20	0:19:00	PI	NO	S	3
5L62	3-48197	2004-07-16 03:13	2004-07-16 03:13	0:00:00	LI	AG	S	1
5L62	3-48142	2004-07-10 13:06	2004-07-10 13:06	0:00:00	LI	BG	S	1
5L62	3-48029	2004-06-29 15:47	2004-06-29 15:47	0:00:00	LI	CG	S	1
5L62	3-44976	2003-07-31 17:19	2003-07-31 17:19	0:00:00	LI	BG	S	1
5L62	3-23808	2002-01-02 15:50	2002-01-02 15:52	0:02:00	UN	NO		3
5L62	4-32895	2001-08-16 18:42	2001-08-16 18:42	0:00:00		CG	S	1
5L62	4-34104	2000-07-31 18:49	2000-07-31 18:49	0:00:00	OI	NO	S	1
5L62	4-34337	2000-07-04 20:54	2000-07-04 20:54	0:00:00	LI	BG	S	1
5L62	4-35510	1999-08-06 18:59	1999-08-06 18:59	0:00:00	LI	CG	S	1
5L62	4-35513	1999-08-06 18:09	1999-08-06 18:09	0:00:00	LI	CG	S	1
5L62	4-36983	1998-08-14 16:43	1998-08-14 16:43	0:00:00	LI	CG	S	1
5L62	4-37776	1998-05-17 13:26	1998-05-17 13:26	0:00:00	LI	CG	S	1
5L63	3-48406	2004-08-04 18:19	2004-08-04 18:19	0:00:00	LI	CG	S	1
5L63	3-47970	2004-06-25 18:20	2004-06-25 18:20	0:00:00	LI	BG	S	1
5L63	3-47969	2004-06-25 18:17	2004-06-25 18:17	0:00:00	LI	BG	S	1
5L63	3-19661	2001-06-08 14:52	2001-06-08 14:52	0:00:00	LI	CG	S	1
5L63	3-19471	2001-05-28 14:20	2001-05-28 14:20	0:00:00	LI	CG	S	1
5L63	4-35600	1999-08-03 19:08	1999-08-03 19:08	0:00:00	LI	AG	S	1
5L63	4-35675	1999-07-14 20:08	1999-07-14 20:12	0:04:00	LI	2G	B	3
5L63	4-35753	1999-07-03 20:17	1999-07-03 20:20	0:03:00	LI	AB	N	3
5L63	4-37689	1998-05-29 00:41	1998-05-29 00:41	0:00:00	LI	BG	S	1
2L99	3-45243	2003-08-23 15:56	2003-08-23 16:09	0:13:00	UN	?		3

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Forced Outages (98 - 04)

EQUIP	SDR #	Date Outage	Date Outage-Finish	Duration	Cause	Fault	A/R	3-ph or 1-ph
2L99	3-44970	2003-07-31 08:58	2003-07-31 09:29	0:31:00	PI	NO		3
2L99	3-41472	2002-06-22 01:59	2002-06-22 07:08	5:09:00	UN	AB		3
2L99	3-41405	2002-06-19 17:52	2002-06-19 17:57	0:05:00	UN	NO		3
2L99	3-40984	2002-06-04 19:10	2002-06-04 19:10	0:00:00	UN	AB		3
2L99	3-14373	2000-06-16 15:00	2000-06-16 15:27	0:27:00	DE	NO		3
2L99	4-35601	1999-08-03 19:08	1999-08-03 19:11	0:03:00	OI	NO		3
2L103	3-44978	2003-07-31 17:19	2003-07-31 17:19	0:00:00	UN	AB	S	3
2L103	3-42113	2002-09-02 20:27	2002-09-02 20:44	0:17:00	TO	NO		3
2L103	3-41683	2002-07-17 16:35	2002-07-17 17:08	0:33:00	UN	NO		3
2L103	4-33228	2001-06-02 22:05	2001-06-02 22:05	0:00:00	UN	NO	S	3
2L103	3-18333	2001-03-08 20:13	2001-03-08 20:13	0:00:00	OT	NO	S	3
2L103	3-16731	2000-11-09 20:31	2000-11-09 20:42	0:11:00	UN	NO	S	3
2L103	4-33715	2000-10-27 08:32	2000-10-27 08:32	0:00:00	UN	NO	S	3
2L103	4-33872	2000-09-18 12:47	2000-09-18 12:47	0:00:00	DE	NO	S	3
2L103	4-33889	2000-09-11 23:56	2000-09-11 23:56	0:00:00	UN	NO	S	3
2L103	4-33898	2000-09-08 21:09	2000-09-08 21:19	0:10:00		NO		3
2L103	4-34128	2000-07-31 13:49	2000-07-31 13:49	0:00:00	LI	NO	S	3
2L103	4-34420	2000-06-16 21:06	2000-06-16 21:42	0:36:00	UN	NO	S	3
2L103	3-13752	2000-05-08 15:15	2000-05-08 15:25	0:10:00	UN	NO		3
2L103	4-34672	2000-04-25 22:02	2000-04-25 22:02	0:00:00	OT	NO	S	3
2L103	3-12612	2000-02-20 18:59	2000-02-20 20:37	1:38:00	DE	NO		3
2L103	4-34976	1999-12-08 10:43	1999-12-08 10:43	0:00:00	DE	2G	S	3
2L103	4-35290	1999-09-15 23:07	1999-09-15 23:07	0:00:00	DE	AG	S	3
2L103	4-37836	1998-05-01 17:28	1998-05-01 17:28	0:00:00	OT	NO	S	3
2L103	4-37843	1998-04-28 21:29	1998-04-28 21:29	0:00:00	DE	NO	S	3
2L103	4-38002	1998-03-03 15:49	1998-03-03 15:49	0:00:00	UN	NO		3
2L101	3-45102	2003-08-12 20:31	2003-08-13 11:52	15:21:00	UN	BG	U	3
2L101	3-21274	2001-09-01 09:16	2001-09-01 09:18	0:02:00	WI	CG	S	3
2L101	4-32776	2001-08-16 09:50	2001-08-16 10:13	0:23:00	PC	NO		3
2L101	3-18647	2001-03-30 10:12	2001-03-30 10:43	0:31:00	UN	NO		3
2L101	3-14379	2000-06-16 15:00	2000-06-16 15:09	0:09:00	UN	NO		3
2L101	4-34953	1999-12-12 19:49	1999-12-13 19:31	23:42:00	DE	NO		3
2L101	4-35666	1999-07-14 20:32	1999-07-15 13:00	16:28:00	WI	AG	N	3
2L101	4-36204	1999-02-11 17:12	1999-02-12 17:24	0:12:00	AW	CA	U	3

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1L387	6-31823	2004-08-05 02:20	2004-08-05 02:20	0:00:00	UN			3
1L387	6-31765	2004-08-02 09:17	2004-08-02 09:17	0:00:00	UN	AG	S	3
1L387	6-31573	2004-07-15 21:47	2004-07-15 21:47	0:00:00	LI	CG	S	3
1L387	6-30497	2003-11-28 10:36	2003-11-28 10:36	0:00:00	UN	BG	U	3
1L387	4-35711	1999-07-09 14:47	1999-07-09 14:47	0:00:00	UN	CG	U	3
1L381	6-31451	2004-06-29 17:57	2004-06-29 17:57	0:00:00	LI	3P	S	3
1L381	6-30754	2004-01-24 11:49	2004-01-24 11:49	0:00:00	UN	BG	S	3
1L381	1-42109	2003-11-28 10:36	2003-11-28 10:36	0:00:00	UN	NO	B	3
1L381	6-30189	2003-10-15 16:14	2003-10-15 18:45	2:31:00	AN	CG	U	3
1L381	1-41882	2003-07-02 14:21	2003-07-02 14:21	0:00:00	UN	AB	S	3
1L381	3-42191	2002-09-08 17:09	2002-09-08 17:29	0:20:00	UN	NO		3
1L381	3-24574	2002-02-15 04:48	2002-02-15 09:54	5:06:00	AW	?		3
1L381	3-24543	2002-02-13 10:18	2002-02-13 18:28	8:10:00	AW	BG	U	3
1L381	3-24389	2002-02-03 11:45	2002-02-03 16:07	4:22:00	UN	OP	U	3
1L381	3-23539	2001-12-16 07:25	2001-12-16 12:20	4:55:00	TR	AB		3
1L381	4-32577	2001-12-14 04:00	2001-12-14 11:21	7:21:00	TR	3G	U	3
1L381	3-18778	2001-04-10 13:32	2001-04-10 13:35	0:03:00	AW	2G	U	3
1L381	3-18538	2001-03-21 00:11	2001-03-21 07:37	7:26:00	TR	CG	U	3
1L381	2-17491	2001-01-07 16:13	2001-01-07 16:13	0:00:00	UN	BG	S	3
1L381	3-12331	2000-01-28 04:34	2000-01-28 04:34	0:00:00	AW	CA	S	3
1L381	4-34955	1999-12-12 10:38	1999-12-12 15:55	5:17:00	TR	AB	U	3
1L381	4-35052	1999-11-20 13:22	1999-11-20 16:19	2:57:00	DE	AB	U	3
1L381	4-35094	1999-11-05 08:57	1999-11-05 08:57	0:00:00	UN	AB	S	3
1L381	4-35366	1999-08-22 21:16	1999-08-22 21:16	0:00:00	UN	CG	S	3
1L381	4-35735	1999-07-05 08:54	1999-07-05 19:50	10:56:00	FO	BC	U	3
1L381	4-35899	1999-06-03 19:36	1999-06-03 19:36	0:00:00	TR	BC	U	3
1L381	4-36958	1998-08-17 14:45	1998-08-17 19:16	4:31:00	TR	2G	B	3
1L381	4-37253	1998-07-15 14:43	1998-07-15 14:43	0:00:00	UN	AG	S	3

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