



Control Number: 29165



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Entergy Texas  
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PUBLIC UTILITY COMMISSION  
FILING CLERK

June 4, 2004

Mr. T. Brian Almon, P.E.  
Director of Engineering, Electric Division  
Public Utility Commission of Texas  
1701 N. Congress Avenue  
P.O. Box 13326  
Austin, Texas 78711-3326

**Re: PROJECT NO. 29165 – STAFF’S REQUEST FOR ADDITIONAL  
INFORMATION CONCERNING EGSI’S 2003 SERVICE QUALITY REPORT**

Dear Mr. Almon,

Entergy Gulf States, Inc (“EGSI” or “the Company”) files the attached responses to your request for additional information concerning the Company’s 2003 Service Quality Report. This filing is in compliance with your letter to me dated April 16, 2004. The enclosed responses are based on the Company’s 2003 Service Quality Report, that was filed with the Commission on February 10, 2004.

If you have any questions concerning the enclosed material, or desire additional information, please feel free to contact me. You can reach me at my Office: (512) 487-3985, or my Cell: (512) 496-0072.

Sincerely,

James M. Glazar  
Staff Engineer  
Regulatory Affairs, Texas

ENTERGY GULF STATES, INC.  
PUBLIC UTILITY COMMISSION OF TEXAS  
Docket No. Project 29165 2003 Electric System Service Quality Report

Response of: Entergy Gulf States, Inc.  
to the First Set of Data Requests  
of Requesting Party: Commission Staff

Prepared By: John Killingsworth, Michael  
C. Grumich  
Sponsoring Witness:  
Beginning Sequence No.  
Ending Sequence No.

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Question No.: STAFF 1-1

Part No.:

Addendum:

Question:

Provide complete records of all sustained interruptions, by interruption class, for the months of April and October, 2003. [Subst. R. §25.52(d)]

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Response:

Attached are the Apr-2003 and Oct-2003 records of the sustained interruptions, by interruption class (forced, scheduled, outside causes, major events). There were no major events interruptions during these two months.

The interruption records, as specified within Subst. R. §25.52(d), include the following: type of interruption, cause, date & time (i.e., start/stop date & time), duration, number of customers interrupted, substation identifier, Transmission line or Distribution feeder identifier.

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Forced	4/1/03	6:52:00 AM	4/1/03	8:10:15 AM	362BD	BRIDGE CITY	Animal	6	468	78
Apr-03	D-Line_Forced	4/1/03	7:38:00 AM	4/1/03	8:30:43 AM	519D	DOBBLIN	Other	3	159	53
Apr-03	D-Line_Forced	4/1/03	9:09:00 AM	4/1/03	11:45:15 AM	883GR	GRIMES	Equipment Failure	13	2,028	156
Apr-03	D-Line_Forced	4/1/03	9:18:00 AM	4/1/03	10:00:35 AM	309SP	SPLENDORA	Vegetation	8	344	43
Apr-03	D-Line_Forced	4/1/03	9:23:00 AM	4/1/03	11:30:20 AM	42LNB	LINDBERGH	Vegetation	1	127	127
Apr-03	D-Line_Forced	4/1/03	9:33:00 AM	4/1/03	12:40:32 PM	743DA	DAISETTA	Vegetation	7	1,309	187
Apr-03	D-Line_Forced	4/1/03	9:52:00 AM	4/1/03	10:40:41 AM	742OK	OAK RIDGE	Vegetation	106	5,194	49
Apr-03	D-Line_Forced	4/1/03	10:23:00 AM	4/1/03	11:50:30 AM	53BAT	BATSON	Vegetation	5	440	88
Apr-03	D-Line_Forced	4/1/03	10:26:00 AM	4/1/03	11:25:35 AM	13BEK	BREKOS	Other	3	180	60
Apr-03	D-Line_Forced	4/1/03	10:39:00 AM	4/1/03	1:07:26 PM	808PD	PEE DEE	Vegetation	266	39,368	148
Apr-03	D-Line_Forced	4/1/03	10:39:00 AM	4/1/03	1:07:41 PM	819MD	MIDWAY	Vegetation	65	9,685	149
Apr-03	D-Line_Forced	4/1/03	11:10:00 AM	4/1/03	11:55:02 AM	112MC	MCHALE	Public Damage	45	270	45
Apr-03	D-Line_Forced	4/1/03	12:13:00 PM	4/1/03	1:41:47 PM	405CV	CLEVELAND	Vegetation	54	4,806	89
Apr-03	D-Line_Forced	4/1/03	12:26:00 PM	4/1/03	1:00:34 PM	101BL	BLUE WATER	Vegetation	5	175	35
Apr-03	D-Line_Forced	4/1/03	2:01:00 PM	4/1/03	4:35:33 PM	309SP	SPLENDORA	Equipment Failure	8	1,240	155
Apr-03	D-Line_Forced	4/1/03	2:23:00 PM	4/1/03	2:50:58 PM	164VD	VIDOR	Equipment Failure	4	108	27
Apr-03	D-Line_Forced	4/1/03	2:38:00 PM	4/1/03	3:45:22 PM	507CN	CONROE BULK	Animal	5	65	13
Apr-03	D-Line_Forced	4/1/03	3:59:00 PM	4/1/03	5:38:25 PM	471NS	NORTH SILSBEE	Vegetation	2	124	62
Apr-03	D-Line_Forced	4/1/03	3:59:00 PM	4/1/03	5:50:35 PM	682GR	GOREE	Vegetation	37	3,663	99
Apr-03	D-Line_Forced	4/1/03	4:18:00 PM	4/1/03	5:40:19 PM	519D	DOBBLIN	Vegetation	30	3,360	112
Apr-03	D-Line_Forced	4/1/03	4:22:00 PM	4/1/03	5:25:12 PM	4CAL	CALVERT	Public Damage	36	2,952	82
Apr-03	D-Line_Forced	4/1/03	4:28:00 PM	4/1/03	7:00:37 PM	724DY	DAYTON BULK	Equipment Failure	5	315	63
Apr-03	D-Line_Forced	4/1/03	4:29:00 PM	4/1/03	5:15:41 PM	345OI	OILLA	Vegetation	102	15,606	153
Apr-03	D-Line_Forced	4/1/03	7:50:00 PM	4/1/03	10:30:52 PM	627TE	TEMCO	Animal	2	94	47
Apr-03	D-Line_Forced	4/1/03	7:55:00 PM	4/1/03	9:16:00 PM	158HA	HAMPTON	Vegetation	2	322	161
Apr-03	D-Line_Forced	4/1/03	7:55:00 PM	4/1/03	9:34:00 PM	158HA	HAMPTON	Vegetation	245	21,627	81
Apr-03	D-Line_Forced	4/1/03	7:55:00 PM	4/1/03	8:39:16 PM	158HA	HAMPTON	Vegetation	702	69,498	99
Apr-03	D-Line_Forced	4/1/03	7:59:00 PM	4/1/03	3:11:00 AM	158HA	HAMPTON	Vegetation	157	68,452	436
Apr-03	D-Line_Forced	4/2/03	12:36:00 AM	4/2/03	1:42:13 AM	781EG	EASTGATE	Vegetation	16	640	40
Apr-03	D-Line_Forced	4/2/03	7:53:00 AM	4/2/03	8:25:05 AM	137TG	TANGLEWOOD	Equipment Failure	1	66	66
Apr-03	D-Line_Forced	4/2/03	8:24:00 AM	4/2/03	9:10:28 AM	222HI	HIMEX	Equipment Failure	91	2,912	32
Apr-03	D-Line_Forced	4/2/03	8:36:00 AM	4/2/03	9:15:48 AM	811PD	PEE DEE	Other	1	47	47
Apr-03	D-Line_Forced	4/2/03	9:14:00 AM	4/2/03	10:15:30 AM	304NC	NEW CANEY	Animal	9	360	40
Apr-03	D-Line_Forced	4/2/03	1:55:00 PM	4/2/03	2:35:45 PM	22YAN	YANKEE DOODLE	Animal	5	305	61
Apr-03	D-Line_Forced	4/2/03	7:03:00 PM	4/2/03	8:30:01 PM	18LOB	LOEB	Equipment Failure	6	246	41
Apr-03	D-Line_Forced	4/3/03	2:16:00 AM	4/3/03	7:16:38 AM	583LM	LONGMIRE	Animal	2	174	87
Apr-03	D-Line_Forced	4/3/03	6:50:00 AM	4/3/03	7:16:28 AM	583LM	LONGMIRE	Public Damage	128	38,528	301
Apr-03	D-Line_Forced	4/3/03	7:21:00 AM	4/3/03	7:45:39 AM	182AM	AMELIA BULK	Public Damage	31	806	26
Apr-03	D-Line_Forced	4/3/03	9:26:00 AM	4/3/03	10:12:50 AM	405CV	CLEVELAND	Equipment Failure	5	125	25
Apr-03	D-Line_Forced	4/3/03	10:25:00 AM	4/3/03	11:32:13 AM	724DY	DAYTON BULK	Animal	5	235	67
Apr-03	D-Line_Forced	4/3/03	11:00:00 AM	4/3/03	11:21:12 AM	53BAT	BATSON	Equipment Failure	1	67	67
Apr-03	D-Line_Forced	4/3/03	12:53:00 PM	4/3/03	1:21:31 PM	681VI	VIVAY	Vegetation	10	210	21
Apr-03	D-Line_Forced	4/3/03	1:40:00 PM	4/3/03	3:05:13 PM	73BLB	BLUE BONNET	Equipment Failure	6	174	29
Apr-03	D-Line_Forced	4/3/03	1:54:00 PM	4/3/03	3:14:42 PM	405CV	CLEVELAND	Equipment Failure	51	1,887	37
Apr-03	D-Line_Forced	4/3/03	2:40:00 PM	4/3/03	5:20:05 PM	53BAT	BATSON	Equipment Failure	8	680	85
Apr-03	D-Line_Forced	4/3/03	3:42:00 PM	4/3/03	4:35:00 PM	126SO	SOMERVILLE	Equipment Failure	3	243	81
Apr-03	D-Line_Forced	4/3/03	10:05:00 PM	4/3/03	11:00:00 PM	6CAL	CALVERT	Public Damage	2	320	160
Apr-03	D-Line_Forced	4/4/03	1:34:00 AM	4/4/03	2:35:23 AM	269RV	RIVTRIN	Animal	1	53	53
Apr-03	D-Line_Forced	4/4/03	5:00:00 AM	4/4/03	6:03:21 AM	17LOB	LOEB	Animal	2	55	55
Apr-03	D-Line_Forced	4/4/03	6:24:00 AM	4/4/03	7:49:00 AM	716ME	METRO	Animal	22	1,342	61
Apr-03	D-Line_Forced	4/4/03	6:24:00 AM	4/4/03	7:51:00 AM	716ME	METRO	Vegetation	30	1,890	63
Apr-03	D-Line_Forced	4/4/03	6:37:00 AM	4/4/03	7:12:24 AM	162VD	VIDOR	Equipment Failure	18	1,530	85
Apr-03	D-Line_Forced	4/4/03	8:05:00 AM	4/4/03	8:30:59 AM	154BE	BEVIL	Equipment Failure	19	1,653	87
Apr-03	D-Line_Forced	4/4/03		4/4/03				Animal	4	140	35
Apr-03	D-Line_Forced	4/4/03		4/4/03				Foreign Trouble	2	52	26

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Forced	4/4/03	8:33:00 AM	4/4/03	9:35:04 AM	6CAL	CALVERT	Animal	1	62	62
Apr-03	D-Line_Forced	4/4/03	8:53:00 AM	4/4/03	9:30:57 AM	506WR	WARREN	Equipment Failure	3	114	38
Apr-03	D-Line_Forced	4/4/03	10:24:00 AM	4/4/03	11:11:00 AM	155BE	BEVIL	Public Damage	34	1,598	47
Apr-03	D-Line_Forced	4/4/03	11:01:00 AM	4/4/03	12:45:22 PM	335NC	NEW CANEY	Public Damage	45	4,680	104
Apr-03	D-Line_Forced	4/4/03	12:51:00 PM	4/4/03	1:30:29 PM	317TA	TAMINA	Vegetation	74	2,886	39
Apr-03	D-Line_Forced	4/4/03	2:38:00 PM	4/4/03	3:25:23 PM	303RC	BRC	Animal	1	47	47
Apr-03	D-Line_Forced	4/4/03	3:12:00 PM	4/4/03	3:53:55 PM	333NC	NEW CANEY	Animal	1	42	42
Apr-03	D-Line_Forced	4/4/03	4:27:00 PM	4/4/03	6:25:29 PM	901NA	NAVASOTA	Equipment Failure	1	119	119
Apr-03	D-Line_Forced	4/4/03	7:42:00 PM	4/4/03	8:30:22 PM	403CV	CLEVELAND	Other	1	48	48
Apr-03	D-Line_Forced	4/5/03	12:50:00 AM	4/5/03	1:24:57 AM	29NOE	NORTH END	Equipment Failure	10	350	35
Apr-03	D-Line_Forced	4/5/03	6:30:00 AM	4/5/03	6:50:48 AM	538LA	LACON	Animal	17	357	21
Apr-03	D-Line_Forced	4/5/03	8:12:00 AM	4/5/03	9:00:49 AM	153RS	ROSEDALE	Animal	6	294	49
Apr-03	D-Line_Forced	4/5/03	8:44:00 AM	4/5/03	9:30:42 AM	546PL	PLANTATION	Equipment Failure	35	1,645	47
Apr-03	D-Line_Forced	4/5/03	8:58:00 AM	4/5/03	10:30:33 AM	232ST	STOWELL	Animal	3	279	93
Apr-03	D-Line_Forced	4/5/03	9:12:00 AM	4/5/03	9:45:47 AM	240WS	WINSHIRE	Animal	2	68	34
Apr-03	D-Line_Forced	4/5/03	11:13:00 AM	4/5/03	12:00:58 PM	432KT	KOUNTZE BULK	Vegetation	152	7,296	48
Apr-03	D-Line_Forced	4/5/03	12:03:00 PM	4/5/03	2:10:00 PM	340WN	WINFREE	Equipment Failure	4	508	127
Apr-03	D-Line_Forced	4/5/03	1:49:00 PM	4/5/03	2:20:19 PM	681GR	GOREE	Equipment Failure	1	31	31
Apr-03	D-Line_Forced	4/5/03	2:32:00 PM	4/5/03	3:15:17 PM	726DY	DAYTON BULK	Equipment Failure	60	2,580	43
Apr-03	D-Line_Forced	4/5/03	2:52:00 PM	4/5/03	4:30:09 PM	309SP	SPLENDORA	Public Damage	4	392	98
Apr-03	D-Line_Forced	4/5/03	3:09:00 PM	4/5/03	5:30:33 PM	920DO	DOBBIN	Vegetation	9	1,278	142
Apr-03	D-Line_Forced	4/5/03	3:33:00 PM	4/5/03	6:08:58 PM	781EG	EASTGATE	Equipment Failure	2	312	156
Apr-03	D-Line_Forced	4/5/03	3:43:00 PM	4/5/03	4:15:00 PM	564WD	WALDEN	Vegetation	7	224	32
Apr-03	D-Line_Forced	4/5/03	3:59:00 PM	4/5/03	5:30:25 PM	341HI	HICKORY RIDGE	Vegetation	1	91	91
Apr-03	D-Line_Forced	4/5/03	4:11:00 PM	4/5/03	4:45:37 PM	317TA	TAMINA	Animal	3	105	35
Apr-03	D-Line_Forced	4/5/03	6:59:00 PM	4/5/03	8:00:44 PM	519DO	DOBBIN	Public Damage	10	620	62
Apr-03	D-Line_Forced	4/5/03	7:27:00 PM	4/5/03	9:00:46 PM	251KP	KICKAPOO	Vegetation	3	282	94
Apr-03	D-Line_Forced	4/6/03	7:41:00 PM	4/6/03	9:05:59 PM	583LM	LONGMIRE	Equipment Failure	75	6,375	85
Apr-03	D-Line_Forced	4/6/03	5:54:00 AM	4/6/03	6:50:06 AM	457FL	FLETCHER	Vegetation	20	1,120	56
Apr-03	D-Line_Forced	4/6/03	6:03:00 AM	4/6/03	7:05:21 AM	403CV	CLEVELAND	Vegetation	34	2,108	62
Apr-03	D-Line_Forced	4/6/03	6:27:00 AM	4/6/03	7:00:24 AM	539LA	LACON	Equipment Failure	8	264	33
Apr-03	D-Line_Forced	4/6/03	7:05:00 AM	4/6/03	7:42:12 AM	114DR	DORMAN	Vegetation	1	37	37
Apr-03	D-Line_Forced	4/6/03	7:11:00 AM	4/6/03	8:00:41 AM	268RV	RIVTRIN	Animal	10	500	50
Apr-03	D-Line_Forced	4/6/03	7:36:00 AM	4/6/03	7:50:43 AM	537LA	LACON	Equipment Failure	4	60	15
Apr-03	D-Line_Forced	4/6/03	8:33:00 AM	4/6/03	9:00:18 AM	536SH	SHEAWILL	Vegetation	4	108	27
Apr-03	D-Line_Forced	4/6/03	8:34:00 AM	4/6/03	9:30:55 AM	155BE	BEVIL	Equipment Failure	3	171	57
Apr-03	D-Line_Forced	4/6/03	8:48:00 AM	4/6/03	10:40:45 AM	570CR	CRYSTAL	Vegetation	37	4,181	113
Apr-03	D-Line_Forced	4/6/03	9:07:00 AM	4/6/03	9:40:38 AM	331ON	ORANGE	Animal	1	34	34
Apr-03	D-Line_Forced	4/6/03	10:15:00 AM	4/6/03	11:05:05 AM	26NOE	NORTH END	Equipment Failure	7	350	50
Apr-03	D-Line_Forced	4/6/03	10:52:00 AM	4/6/03	11:18:22 AM	570CR	CRYSTAL	Equipment Failure	2	126	63
Apr-03	D-Line_Forced	4/6/03	10:52:00 AM	4/6/03	11:10:12 AM	87DQN	DE QUEEN	Equipment Failure	2	36	18
Apr-03	D-Line_Forced	4/6/03	12:24:00 PM	4/6/03	12:55:21 PM	611HU	HUNTSVILLE	Equipment Failure	224	6,944	31
Apr-03	D-Line_Forced	4/6/03	12:24:00 PM	4/6/03	1:10:03 PM	611HU	HUNTSVILLE	Vegetation	21	966	46
Apr-03	D-Line_Forced	4/6/03	12:28:00 PM	4/6/03	12:45:32 PM	600HU	HUNTSVILLE	Equipment Failure	2	36	18
Apr-03	D-Line_Forced	4/6/03	1:21:00 PM	4/6/03	3:43:29 PM	545PL	PLANTATION	Vegetation	1	142	142
Apr-03	D-Line_Forced	4/6/03	1:37:00 PM	4/6/03	4:10:46 PM	406CV	CLEVELAND	Vegetation	8	1,232	154
Apr-03	D-Line_Forced	4/6/03	2:02:00 PM	4/6/03	3:00:25 PM	809PD	PEE DEE	Lightning	84	4,872	58
Apr-03	D-Line_Forced	4/6/03	2:15:00 PM	4/6/03	5:02:02 PM	426CV	CLEVELAND	Lightning	1	167	167
Apr-03	D-Line_Forced	4/6/03	3:04:00 PM	4/6/03	4:40:00 PM	4CAL	CALVERT	Animal	1	96	96
Apr-03	D-Line_Forced	4/6/03	3:58:00 PM	4/6/03	4:20:46 PM	581LM	LONGMIRE	Lightning	1	26	26
Apr-03	D-Line_Forced	4/6/03	3:58:00 PM	4/6/03	4:30:15 PM	808PD	PEE DEE	Equipment Failure	3	96	32
Apr-03	D-Line_Forced	4/6/03	4:24:00 PM	4/6/03	4:55:25 PM	570CR	CRYSTAL	Lightning	1	31	31
Apr-03	D-Line_Forced	4/6/03	4:51:00 PM	4/6/03	5:35:37 PM	88WD	WEST END	Equipment Failure	1	45	45
Apr-03	D-Line_Forced	4/6/03	5:24:00 PM	4/6/03	6:06:04 PM	432KT	KOUNTZE BULK	Other	1	45	45
Apr-03	D-Line_Forced	4/6/03	6:56:00 PM	4/6/03	7:37:05 PM	726DY	DAYTON BULK	Vegetation	32	1,344	42
Apr-03	D-Line_Forced	4/6/03		4/6/03				Animal	34	1,394	41

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Forced	4/6/03	8:10:00 PM	4/6/03	9:03:22 PM	104SL	SOUR LAKE	Equipment Failure	2	106	53
Apr-03	D-Line_Forced	4/6/03	8:28:00 PM	4/6/03	8:54:38 PM	111WS	WESTSIDE	Equipment Failure	3	81	27
Apr-03	D-Line_Forced	4/6/03	11:23:00 AM	4/7/03	2:03:31 AM	35KOL	KOLBS	Equipment Failure	2	322	161
Apr-03	D-Line_Forced	4/7/03	4:23:00 AM	4/7/03	6:05:25 AM	706GL	GOSLIN	Equipment Failure	37	3,774	102
Apr-03	D-Line_Forced	4/7/03	4:23:00 AM	4/7/03	6:18:00 AM	706GL	GOSLIN	Equipment Failure	21	2,415	115
Apr-03	D-Line_Forced	4/7/03	4:23:00 AM	4/7/03	7:33:00 AM	706GL	GOSLIN	Equipment Failure	9	1,710	190
Apr-03	D-Line_Forced	4/7/03	9:37:00 AM	4/7/03	10:03:47 AM	519DO	DOBBLIN	Other	88	2,376	27
Apr-03	D-Line_Forced	4/7/03	10:22:00 AM	4/7/03	10:50:32 AM	335NC	NEW CANEY	Equipment Failure	1	29	29
Apr-03	D-Line_Forced	4/7/03	10:32:00 AM	4/7/03	11:30:55 AM	345OI	OILLA	Animal	1	59	59
Apr-03	D-Line_Forced	4/7/03	10:42:00 AM	4/7/03	1:45:53 PM	268RV	RIVTRIN	Equipment Failure	2	368	184
Apr-03	D-Line_Forced	4/7/03	11:07:00 AM	4/7/03	2:30:28 PM	35HDN	HARDIN	Equipment Failure	1	203	203
Apr-03	D-Line_Forced	4/7/03	11:34:00 AM	4/7/03	12:12:12 PM	583LM	LONGMIRE	Animal	27	1,026	38
Apr-03	D-Line_Forced	4/7/03	12:09:00 PM	4/7/03	3:00:00 PM	681VI	VIVAY	Equipment Failure	14	2,394	171
Apr-03	D-Line_Forced	4/7/03	12:10:00 PM	4/7/03	1:30:21 PM	L009F	LAKESIDE	Lightning	1	80	80
Apr-03	D-Line_Forced	4/7/03	12:43:00 PM	4/7/03	1:30:38 PM	213BA	BAYSHORE	Lightning	24	1,152	48
Apr-03	D-Line_Forced	4/7/03	12:56:00 PM	4/7/03	2:45:29 PM	53BAT	CONROE BULK	Equipment Failure	2	88	44
Apr-03	D-Line_Forced	4/7/03	1:25:00 PM	4/7/03	2:45:29 PM	53BAT	BATSON	Vegetation	1	80	80
Apr-03	D-Line_Forced	4/7/03	1:37:00 PM	4/7/03	2:30:47 PM	211BA	BAYSHORE	Lightning	152	8,208	54
Apr-03	D-Line_Forced	4/7/03	1:44:36 PM	4/7/03	4:21:00 PM	132CE	CENTRAL	Lightning	573	89,961	157
Apr-03	D-Line_Forced	4/7/03	1:44:36 PM	4/7/03	2:08:30 PM	132CE	CENTRAL	Lightning	999	23,976	24
Apr-03	D-Line_Forced	4/7/03	1:50:00 PM	4/7/03	3:50:46 PM	211BA	BAYSHORE	Lightning	7	847	121
Apr-03	D-Line_Forced	4/7/03	1:58:00 PM	4/7/03	2:35:30 PM	213BA	BAYSHORE	Lightning	37	1,369	37
Apr-03	D-Line_Forced	4/7/03	2:08:00 PM	4/7/03	3:20:54 PM	232ST	STOWELL	Lightning	225	16,425	73
Apr-03	D-Line_Forced	4/7/03	2:18:00 PM	4/7/03	4:15:00 PM	232ST	STOWELL	Lightning	60	7,620	127
Apr-03	D-Line_Forced	4/7/03	2:32:00 PM	4/7/03	3:45:41 PM	627TE	TEMCO	Equipment Failure	20	1,760	88
Apr-03	D-Line_Forced	4/7/03	2:32:00 PM	4/7/03	3:30:15 PM	159CH	CHEEK	Lightning	44	2,552	58
Apr-03	D-Line_Forced	4/7/03	2:32:00 PM	4/7/03	3:56:00 PM	159CH	CHEEK	Lightning	20	1,680	84
Apr-03	D-Line_Forced	4/7/03	2:32:00 PM	4/7/03	4:10:02 PM	159CH	CHEEK	Lightning	7	686	98
Apr-03	D-Line_Forced	4/7/03	2:38:00 PM	4/7/03	3:25:35 PM	131CE	CENTRAL	Lightning	16	768	48
Apr-03	D-Line_Forced	4/7/03	2:43:00 PM	4/7/03	5:05:34 PM	111WS	WESTSIDE	Lightning	6	858	143
Apr-03	D-Line_Forced	4/7/03	2:45:00 PM	4/7/03	3:15:13 PM	159CH	CHEEK	Lightning	5	150	30
Apr-03	D-Line_Forced	4/7/03	2:47:00 PM	4/7/03	3:15:08 PM	59GRO	GROVES	Lightning	54	1,512	28
Apr-03	D-Line_Forced	4/7/03	2:52:00 PM	4/7/03	3:27:10 PM	163VD	VIDOR	Other	21	735	35
Apr-03	D-Line_Forced	4/7/03	3:07:00 PM	4/7/03	6:22:27 PM	25HKS	HANKS	Vegetation	7	1,365	195
Apr-03	D-Line_Forced	4/7/03	3:13:00 PM	4/7/03	3:50:00 PM	762AL	ALD	Public Damage	947	35,039	37
Apr-03	D-Line_Forced	4/7/03	3:17:00 PM	4/7/03	6:42:48 PM	762AL	ALD	Public Damage	2	420	210
Apr-03	D-Line_Forced	4/7/03	3:36:00 PM	4/7/03	4:30:11 PM	611HU	HUNTSVILLE	Animal	1	73	73
Apr-03	D-Line_Forced	4/7/03	3:37:00 PM	4/7/03	5:05:32 PM	119RB	REBEL	Lightning	6	540	90
Apr-03	D-Line_Forced	4/7/03	3:43:00 PM	4/7/03	4:50:53 PM	34KOL	KOLBS	Lightning	5	370	74
Apr-03	D-Line_Forced	4/7/03	4:05:00 PM	4/7/03	5:00:50 PM	432KT	KOUNTZE BULK	Vegetation	4	312	78
Apr-03	D-Line_Forced	4/7/03	4:29:00 PM	4/7/03	5:00:24 PM	40LNB	LINDBERGH	Lightning	21	1,155	55
Apr-03	D-Line_Forced	4/7/03	4:30:00 PM	4/7/03	4:50:36 PM	25HKS	HANKS	Vegetation	3	66	22
Apr-03	D-Line_Forced	4/7/03	4:54:00 PM	4/7/03	4:35:39 PM	111WS	WESTSIDE	Equipment Failure	58	348	6
Apr-03	D-Line_Forced	4/7/03	4:55:00 PM	4/7/03	6:50:48 PM	426CV	CLEVELAND	Vegetation	2	234	117
Apr-03	D-Line_Forced	4/7/03	5:08:00 PM	4/7/03	6:40:12 PM	213BA	BAYSHORE	Equipment Failure	1	105	105
Apr-03	D-Line_Forced	4/7/03	5:16:00 PM	4/7/03	6:20:46 PM	155BE	BEVL	Vegetation	21	1,533	73
Apr-03	D-Line_Forced	4/7/03	5:18:00 PM	4/7/03	6:30:02 PM	809PD	PEE DEE	Vegetation	1	74	74
Apr-03	D-Line_Forced	4/7/03	5:19:00 PM	4/7/03	6:40:20 PM	163VD	VIDOR	Vegetation	21	1,722	82
Apr-03	D-Line_Forced	4/7/03	5:26:00 PM	4/7/03	6:18:37 PM	233ST	STOWELL	Lightning	2	120	60
Apr-03	D-Line_Forced	4/7/03	5:26:00 PM	4/7/03	7:20:49 PM	403CV	CLEVELAND	Equipment Failure	2	230	115
Apr-03	D-Line_Forced	4/7/03	6:43:00 PM	4/7/03	9:40:09 PM	426CV	CLEVELAND	Equipment Failure	3	531	177
Apr-03	D-Line_Forced	4/7/03	7:09:00 PM	4/7/03	7:15:59 PM	570CR	CRYSTAL	Other	11	77	7
Apr-03	D-Line_Forced	4/7/03	9:05:00 PM	4/7/03	10:30:13 PM	426CV	CLEVELAND	Equipment Failure	6	510	85
Apr-03	D-Line_Forced	4/7/03	9:30:00 PM	4/7/03	11:00:06 PM	127SO	SOMERVILLE	Animal	1	90	90
Apr-03	D-Line_Forced	4/7/03	10:02:00 PM	4/7/03	11:24:54 PM	110MC	MCHALE	Equipment Failure	3	249	83

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Forced	4/8/03	2:08:00 AM	4/8/03	3:30:15 AM	380MC	MCLEWIS	Vegetation	1	82	82
Apr-03	D-Line_Forced	4/8/03	2:14:00 AM	4/8/03	3:30:18 AM	211BA	BAYSHORE	Lightning	25	1,900	76
Apr-03	D-Line_Forced	4/8/03	2:58:00 AM	4/8/03	3:40:12 AM	102CD	CROWDER	Lightning	47	1,974	42
Apr-03	D-Line_Forced	4/8/03	3:24:00 AM	4/8/03	5:18:00 AM	4LAS	LAKESIDE	Lightning	41	4,674	114
Apr-03	D-Line_Forced	4/8/03	3:24:00 AM	4/8/03	6:15:30 AM	4LAS	LAKESIDE	Lightning	28	4,816	172
Apr-03	D-Line_Forced	4/8/03	4:05:00 AM	4/8/03	5:00:26 AM	159CH	CHEEK	Equipment Failure	3	165	55
Apr-03	D-Line_Forced	4/8/03	4:07:00 AM	4/8/03	6:15:03 AM	102CD	CROWDER	Vegetation	25	3,200	128
Apr-03	D-Line_Forced	4/8/03	4:48:00 AM	4/8/03	5:50:39 AM	131CE	CENTRAL	Vegetation	16	1,008	63
Apr-03	D-Line_Forced	4/8/03	5:00:00 AM	4/8/03	6:18:38 AM	425CV	CLEVELAND	Vegetation	14	1,106	79
Apr-03	D-Line_Forced	4/8/03	5:08:00 AM	4/8/03	6:20:46 AM	91STG	STONEGATE	Lightning	7	511	73
Apr-03	D-Line_Forced	4/8/03	6:51:00 AM	4/8/03	7:55:03 AM	131CE	CENTRAL	Vegetation	16	1,024	64
Apr-03	D-Line_Forced	4/8/03	7:20:00 AM	4/8/03	8:35:09 AM	185PS	PANSY	Lightning	1	75	75
Apr-03	D-Line_Forced	4/8/03	8:05:00 AM	4/8/03	9:00:50 AM	213BA	BAYSHORE	Equipment Failure	4	224	56
Apr-03	D-Line_Forced	4/8/03	8:19:00 AM	4/8/03	11:00:10 AM	159CH	CHEEK	Equipment Failure	1	161	161
Apr-03	D-Line_Forced	4/8/03	8:42:00 AM	4/8/03	9:35:58 AM	333NC	NEW CANEY	Vegetation	3	162	54
Apr-03	D-Line_Forced	4/8/03	8:46:00 AM	4/8/03	9:30:12 AM	35KOL	KOLBS	Equipment Failure	1	44	44
Apr-03	D-Line_Forced	4/8/03	9:06:00 AM	4/8/03	10:05:52 AM	570DC	DOUCETTE	Vegetation	6	360	60
Apr-03	D-Line_Forced	4/8/03	9:12:00 AM	4/8/03	9:32:47 AM	158HA	HAMPTON	Equipment Failure	4	84	21
Apr-03	D-Line_Forced	4/8/03	10:01:00 AM	4/8/03	11:20:43 AM	592WR	WARREN	Equipment Failure	688	55,040	80
Apr-03	D-Line_Forced	4/8/03	10:14:00 AM	4/8/03	11:35:09 AM	7FKL	FRANKLIN	Vegetation	2	162	81
Apr-03	D-Line_Forced	4/8/03	10:30:00 AM	4/8/03	11:10:34 AM	801FE	FEDERAL	Lightning	6	246	41
Apr-03	D-Line_Forced	4/8/03	10:30:00 AM	4/8/03	11:11:09 AM	4LAS	LAKESIDE	Public Damage	1	181	181
Apr-03	D-Line_Forced	4/8/03	10:32:00 AM	4/8/03	1:30:46 PM	724DY	DAYTON BULK	Vegetation	48	1,872	39
Apr-03	D-Line_Forced	4/8/03	11:48:00 AM	4/8/03	12:40:39 PM	160CH	BLUE WATER	Other	5	265	53
Apr-03	D-Line_Forced	4/8/03	12:01:00 PM	4/8/03	12:25:07 PM	100BL	BLUE WATER	Equipment Failure	7	168	24
Apr-03	D-Line_Forced	4/8/03	12:12:00 PM	4/8/03	1:50:46 PM	53BAT	BATSON	Vegetation	1	99	99
Apr-03	D-Line_Forced	4/8/03	12:16:00 PM	4/8/03	12:50:58 PM	490LI	LILLARD	Vegetation	1	35	35
Apr-03	D-Line_Forced	4/8/03	12:58:00 PM	4/8/03	1:25:11 PM	634WT	WYNTEX	Animal	1	27	27
Apr-03	D-Line_Forced	4/8/03	1:17:00 PM	4/8/03	1:48:53 PM	724DY	DAYTON BULK	Equipment Failure	121	3,872	32
Apr-03	D-Line_Forced	4/8/03	3:47:00 PM	4/8/03	6:00:13 PM	592WR	WARREN	Equipment Failure	688	91,504	133
Apr-03	D-Line_Forced	4/8/03	4:47:00 PM	4/8/03	5:35:18 PM	211BA	BAYSHORE	Public Damage	2	96	48
Apr-03	D-Line_Forced	4/8/03	5:05:00 PM	4/8/03	5:55:03 PM	969NA	NAVASOTA	Animal	2	100	50
Apr-03	D-Line_Forced	4/8/03	6:01:24 PM	4/8/03	7:00:35 PM	107HM	HUMPHREY	Other	1,106	46,452	42
Apr-03	D-Line_Forced	4/8/03	6:17:00 PM	4/8/03	6:43:18 PM	336NC	NEW CANEY	Vegetation	1	44	44
Apr-03	D-Line_Forced	4/8/03	6:27:00 PM	4/8/03	7:39:31 PM	583LM	LONGMIRE	Vegetation	286	20,878	73
Apr-03	D-Line_Forced	4/8/03	7:01:00 PM	4/8/03	8:45:58 PM	317TA	TAMINA	Vegetation	3	315	105
Apr-03	D-Line_Forced	4/8/03	7:19:00 PM	4/8/03	8:53:52 PM	764AL	Alden Bridge	Equipment Failure	129	12,255	95
Apr-03	D-Line_Forced	4/8/03	7:19:00 PM	4/8/03	9:03:00 PM	764AL	Alden Bridge	Equipment Failure	259	26,936	104
Apr-03	D-Line_Forced	4/8/03	7:20:00 PM	4/8/03	8:30:14 PM	702GL	GOSLIN	Equipment Failure	1,119	78,330	70
Apr-03	D-Line_Forced	4/8/03	7:20:00 PM	4/8/03	12:20:01 AM	335NC	NEW CANEY	Public Damage	14	1,134	81
Apr-03	D-Line_Forced	4/9/03	10:59:00 PM	4/9/03	7:20:00 AM	131VI	VIRGINIA	Other	6	120	20
Apr-03	D-Line_Forced	4/9/03	7:10:00 AM	4/9/03	7:46:39 AM	453KT	KOUNTZE	Equipment Failure	2	74	37
Apr-03	D-Line_Forced	4/9/03	7:26:00 AM	4/9/03	7:54:21 AM	131VI	VIRGINIA	Equipment Failure	6	168	28
Apr-03	D-Line_Forced	4/9/03	8:32:00 AM	4/9/03	9:25:30 AM	426CV	CLEVELAND	Vegetation	27	162	54
Apr-03	D-Line_Forced	4/9/03	10:59:00 AM	4/9/03	1:05:01 PM	702GL	GOSLIN	Public Damage	9	1,134	126
Apr-03	D-Line_Forced	4/9/03	11:01:00 AM	4/9/03	12:25:32 PM	995PU	SPURLOCK	Equipment Failure	2	170	85
Apr-03	D-Line_Forced	4/9/03	12:38:00 PM	4/9/03	1:33:59 PM	592WR	WARREN	Public Damage	688	38,528	56
Apr-03	D-Line_Forced	4/9/03	1:07:00 PM	4/9/03	2:00:02 PM	53BAT	BATSON	Vegetation	5	265	53
Apr-03	D-Line_Forced	4/9/03	1:10:00 PM	4/9/03	1:40:45 PM	741OK	OAK RIDGE	Public Damage	3	93	31
Apr-03	D-Line_Forced	4/9/03	2:32:00 PM	4/9/03	4:12:42 PM	25HRN	HEARNE	Equipment Failure	8	808	101
Apr-03	D-Line_Forced	4/9/03	3:44:00 PM	4/9/03	4:55:00 PM	151RS	ROSEDALE	Equipment Failure	52	3,692	71
Apr-03	D-Line_Forced	4/9/03	3:48:00 PM	4/9/03	4:30:39 PM	570CR	CRYSTAL	Other	1	43	43
Apr-03	D-Line_Forced	4/9/03	4:06:00 PM	4/9/03	5:45:36 PM	53BAT	BATSON	Vegetation	2	200	100
Apr-03	D-Line_Forced	4/10/03	6:59:00 AM	4/10/03	7:44:23 AM	37TYR	TYRRELL	Equipment Failure	14	630	45
Apr-03	D-Line_Forced	4/10/03	6:59:00 AM	4/10/03	10:25:10 AM	37TYR	TYRRELL	Equipment Failure	15	3,090	206

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Forced	4/10/03	8:36:00 AM	4/10/03	9:20:05 AM	320AP	APOLLO	Animal	2	88	44
Apr-03	D-Line_Forced	4/10/03	8:39:00 AM	4/10/03	9:40:05 AM	62GR0	GROVES	Human Error	1	61	61
Apr-03	D-Line_Forced	4/10/03	8:51:00 AM	4/10/03	10:00:08 AM	161VD	VIDOR	Other	3	207	69
Apr-03	D-Line_Forced	4/10/03	8:54:00 AM	4/10/03	9:15:49 AM	73ECH	ECHO	Human Error	76	1,672	22
Apr-03	D-Line_Forced	4/10/03	8:54:00 AM	4/10/03	9:15:58 AM	73ECH	ECHO	Human Error	49	1,029	21
Apr-03	D-Line_Forced	4/10/03	9:46:00 AM	4/10/03	10:45:24 AM	682GR	GOREE	Equipment Failure	1	59	59
Apr-03	D-Line_Forced	4/10/03	1:04:00 PM	4/10/03	1:32:32 PM	683GR	GRIMES	Other	482	13,978	29
Apr-03	D-Line_Forced	4/10/03	2:07:00 PM	4/10/03	2:45:44 PM	683GR	GRIMES	Equipment Failure	24	936	39
Apr-03	D-Line_Forced	4/10/03	3:40:00 PM	4/10/03	4:15:21 PM	471NS	NORTH SILSBEE	Equipment Failure	1	35	35
Apr-03	D-Line_Forced	4/10/03	4:49:00 PM	4/10/03	6:30:44 PM	432KT	KOUNTZE BULK	Vegetation	5	510	102
Apr-03	D-Line_Forced	4/10/03	5:31:00 PM	4/10/03	6:45:48 PM	506WR	WARREN	Vegetation	3	225	75
Apr-03	D-Line_Forced	4/10/03	7:33:00 PM	4/10/03	8:30:59 PM	309SP	SPLENDORA	Animal	1	58	58
Apr-03	D-Line_Forced	4/10/03	9:05:00 PM	4/10/03	10:20:23 PM	213BA	BAYSHORE	Animal	2	150	75
Apr-03	D-Line_Forced	4/11/03	5:13:00 AM	4/11/03	5:50:18 AM	380MC	MGLEWIS	Public Damage	2	74	37
Apr-03	D-Line_Forced	4/11/03	7:09:00 AM	4/11/03	7:40:11 AM	238CR	CORRIGAN BULK	Animal	14	434	31
Apr-03	D-Line_Forced	4/11/03	8:18:00 AM	4/11/03	8:47:36 AM	66MAN	MANCHESTER	Animal	30	900	30
Apr-03	D-Line_Forced	4/11/03	8:35:00 AM	4/11/03	9:10:29 AM	562WD	WALDEN	Animal	1	35	35
Apr-03	D-Line_Forced	4/11/03	9:16:00 AM	4/11/03	12:43:46 PM	69PTA	PORT ACRES SUB	Equipment Failure	1	208	208
Apr-03	D-Line_Forced	4/11/03	9:20:00 AM	4/11/03	10:00:02 AM	160CH	CHEEK	Animal	15	600	40
Apr-03	D-Line_Forced	4/11/03	9:38:00 AM	4/11/03	10:15:07 AM	162VD	VIDOR	Animal	6	222	37
Apr-03	D-Line_Forced	4/11/03	10:31:00 AM	4/11/03	11:00:02 AM	31BRC	BRIARCLIFF	Public Damage	2	58	29
Apr-03	D-Line_Forced	4/11/03	10:33:00 AM	4/11/03	11:42:10 AM	101BL	BLUE WATER	Equipment Failure	3	207	69
Apr-03	D-Line_Forced	4/11/03	10:36:00 AM	4/11/03	11:40:57 AM	324CO	CORDREY	Animal	4	260	65
Apr-03	D-Line_Forced	4/11/03	11:28:00 AM	4/11/03	12:32:02 PM	307SP	SPLENDORA	Animal	2	128	64
Apr-03	D-Line_Forced	4/11/03	11:30:00 AM	4/11/03	2:14:58 PM	683GR	GRIMES	Equipment Failure	2	330	165
Apr-03	D-Line_Forced	4/11/03	1:37:00 PM	4/11/03	2:18:58 PM	513CN	CONAIR	Equipment Failure	51	2,142	42
Apr-03	D-Line_Forced	4/11/03	1:55:00 PM	4/11/03	2:39:58 PM	127SO	SOMERVILLE	Animal	7	315	45
Apr-03	D-Line_Forced	4/11/03	2:27:00 PM	4/11/03	3:14:47 PM	320AP	APOLLO	Other	19	912	48
Apr-03	D-Line_Forced	4/11/03	4:25:00 PM	4/11/03	5:20:01 PM	233ST	STOWELL	Vegetation	19	2,365	55
Apr-03	D-Line_Forced	4/11/03	4:25:00 PM	4/11/03	6:05:24 PM	233ST	STOWELL	Other	43	1,900	100
Apr-03	D-Line_Forced	4/11/03	5:19:00 PM	4/11/03	5:50:59 PM	476MD	MCDONALD	Equipment Failure	6	192	32
Apr-03	D-Line_Forced	4/11/03	8:27:00 PM	4/11/03	9:30:30 PM	607HU	HUNTSVILLE	Other	1	64	64
Apr-03	D-Line_Forced	4/11/03	9:19:00 PM	4/11/03	10:50:55 PM	155BE	BEVIL	Other	12	1,104	92
Apr-03	D-Line_Forced	4/12/03	8:15:00 AM	4/12/03	9:15:17 AM	324CO	CORDREY	Human Error	29	1,740	60
Apr-03	D-Line_Forced	4/12/03	8:15:00 AM	4/12/03	11:34:00 AM	324CO	CORDREY	Human Error	59	11,741	199
Apr-03	D-Line_Forced	4/12/03	9:23:00 AM	4/12/03	9:55:22 AM	308FR	FRONT STREET	Animal	2	64	32
Apr-03	D-Line_Forced	4/12/03	9:30:00 AM	4/12/03	11:34:00 AM	324CO	CORDREY	Human Error	17	2,125	124
Apr-03	D-Line_Forced	4/12/03	10:58:00 AM	4/12/03	12:28:56 PM	633WT	WYNTEX	Animal	3	273	91
Apr-03	D-Line_Forced	4/12/03	1:52:00 PM	4/12/03	2:35:45 PM	81LAV	LAKEVIEW	Equipment Failure	31	1,364	44
Apr-03	D-Line_Forced	4/12/03	3:00:00 PM	4/12/03	4:13:00 PM	743OK	OAK RIDGE	Equipment Failure	2,906	212,138	73
Apr-03	D-Line_Forced	4/12/03	3:49:00 PM	4/12/03	5:00:39 PM	324CO	CORDREY	Human Error	9	792	88
Apr-03	D-Line_Forced	4/12/03	5:15:00 PM	4/12/03	8:00:38 PM	30BRC	BRC	Equipment Failure	7	1,764	252
Apr-03	D-Line_Forced	4/12/03	5:21:00 PM	4/12/03	8:33:11 PM	724DY	DAYTON BULK	Equipment Failure	11	2,178	198
Apr-03	D-Line_Forced	4/12/03	6:18:00 PM	4/12/03	6:25:48 PM	333NC	NEW CANEY	Vegetation	3	195	65
Apr-03	D-Line_Forced	4/12/03	5:41:00 PM	4/12/03	7:00:23 PM	269RV	RIVTRIN	Equipment Failure	1	79	79
Apr-03	D-Line_Forced	4/12/03	6:40:00 PM	4/12/03	6:49:15 PM	570CR	CRYSTAL	Public Damage	1	31	31
Apr-03	D-Line_Forced	4/12/03	8:00:00 PM	4/12/03	11:10:59 PM	582LM	LONGMIRE	Equipment Failure	2	542	271
Apr-03	D-Line_Forced	4/12/03	8:45:00 PM	4/12/03	8:45:35 PM	512CN	CONAIR	Vegetation	2	92	46
Apr-03	D-Line_Forced	4/12/03	11:44:00 PM	4/12/03	9:10:37 PM	91MPL	MAPLE	Equipment Failure	7	182	26
Apr-03	D-Line_Forced	4/13/03	1:39:00 AM	4/13/03	1:10:13 AM	81LAV	LAKEVIEW	Equipment Failure	23	1,978	86
Apr-03	D-Line_Forced	4/13/03	5:23:00 AM	4/13/03	7:35:46 AM	611HU	HUNTSVILLE	Equipment Failure	10	3,570	357
Apr-03	D-Line_Forced	4/13/03	7:30:00 AM	4/13/03	6:10:29 AM	155BE	BEVIL	Public Damage	16	768	48
Apr-03	D-Line_Forced	4/13/03	8:11:00 AM	4/13/03	7:46:00 AM	69PTA	PORT ACRES SUB	Public Damage	1,039	16,624	16
Apr-03	D-Line_Forced	4/13/03	8:32:00 AM	4/13/03	9:10:48 AM	141LV	LOVELLS LAKE	Animal	45	2,700	60
Apr-03	D-Line_Forced	4/13/03	8:32:00 AM	4/13/03	9:30:38 AM	507CN	CONROE BULK	Equipment Failure	1	59	59



Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Forced	4/13/03	9:50:00 AM	4/13/03	10:25:35 AM	611HU	HUNTSVILLE	Equipment Failure	11	396	36
Apr-03	D-Line_Forced	4/13/03	10:16:00 AM	4/13/03	10:55:55 AM	514CN	CONAIR	Animal	35	1,400	40
Apr-03	D-Line_Forced	4/13/03	10:43:00 AM	4/13/03	12:15:00 PM	269RV	RIVTRIN	Public Damage	4	368	92
Apr-03	D-Line_Forced	4/13/03	11:17:00 AM	4/13/03	12:10:43 PM	141LV	LOVELLS LAKE	Animal	3	162	54
Apr-03	D-Line_Forced	4/13/03	1:17:00 PM	4/13/03	1:45:52 PM	982GR	GRIMES	Animal	2	58	29
Apr-03	D-Line_Forced	4/13/03	3:01:00 PM	4/13/03	4:00:04 PM	519DO	DOBBIN	Lightning	1	59	59
Apr-03	D-Line_Forced	4/13/03	3:18:00 PM	4/13/03	3:45:30 PM	163VD	VIDOR	Other	2	56	28
Apr-03	D-Line_Forced	4/13/03	4:25:00 PM	4/13/03	7:40:38 PM	155BE	BEVIL	Vegetation	17	3,332	196
Apr-03	D-Line_Forced	4/13/03	4:35:00 PM	4/13/03	5:15:09 PM	154BE	BEVIL	Other	21	840	40
Apr-03	D-Line_Forced	4/14/03	8:37:00 AM	4/14/03	9:49:58 AM	723DY	DAYTON BULK	Animal	1	73	73
Apr-03	D-Line_Forced	4/14/03	9:09:00 AM	4/14/03	9:35:49 AM	716ME	METRO	Other	12	8,100	27
Apr-03	D-Line_Forced	4/14/03	10:47:00 AM	4/14/03	11:43:08 AM	53BTA	BATSON	Human Error	5	280	56
Apr-03	D-Line_Forced	4/14/03	1:23:00 PM	4/14/03	1:50:23 PM	69PTA	PORT ACRES SUB	Vegetation	32	864	27
Apr-03	D-Line_Forced	4/14/03	2:01:00 PM	4/14/03	2:50:05 PM	88WED	WEST END	Animal	1	49	49
Apr-03	D-Line_Forced	4/14/03	3:37:00 PM	4/14/03	4:25:28 PM	160CH	CHEEK	Equipment Failure	1	49	49
Apr-03	D-Line_Forced	4/14/03	5:47:00 PM	4/14/03	9:05:09 PM	269RV	RIVTRIN	Equipment Failure	2	396	198
Apr-03	D-Line_Forced	4/14/03	8:05:00 PM	4/14/03	8:15:04 PM	251KP	KICKAPOO	Equipment Failure	2	20	10
Apr-03	D-Line_Forced	4/15/03	4:44:00 AM	4/15/03	6:20:21 AM	477MD	MCDONALD	Vegetation	10	960	96
Apr-03	D-Line_Forced	4/15/03	6:42:00 AM	4/15/03	9:45:03 AM	119RB	REBEL	Equipment Failure	16	2,928	183
Apr-03	D-Line_Forced	4/15/03	6:58:00 AM	4/15/03	8:30:34 AM	269RV	RIVTRIN	Animal	53	4,929	93
Apr-03	D-Line_Forced	4/15/03	7:02:00 AM	4/15/03	7:45:21 AM	540LA	LACON	Animal	36	1,548	43
Apr-03	D-Line_Forced	4/15/03	7:40:00 AM	4/15/03	12:25:33 PM	403CV	CLEVELAND	Public Damage	14	4,004	286
Apr-03	D-Line_Forced	4/15/03	10:31:00 AM	4/15/03	11:50:09 AM	761SA	SARATOGA	Equipment Failure	5	395	79
Apr-03	D-Line_Forced	4/15/03	11:40:00 AM	4/15/03	12:02:43 PM	463SI	SILSBEE	Vegetation	7	161	23
Apr-03	D-Line_Forced	4/15/03	12:20:00 PM	4/15/03	12:50:38 PM	345OI	OILLA	Animal	42	1,302	31
Apr-03	D-Line_Forced	4/15/03	1:13:00 PM	4/15/03	1:45:52 PM	570CR	CRYSTAL	Other	12	396	33
Apr-03	D-Line_Forced	4/15/03	1:15:00 PM	4/15/03	3:20:29 PM	407MI	MILLEDGE	Vegetation	5	625	125
Apr-03	D-Line_Forced	4/15/03	1:53:00 PM	4/15/03	2:30:46 PM	634WT	WYNTEX	Equipment Failure	1	38	38
Apr-03	D-Line_Forced	4/15/03	2:27:00 PM	4/15/03	3:20:24 PM	808PD	PEE DEE	Equipment Failure	4	212	53
Apr-03	D-Line_Forced	4/15/03	2:57:00 PM	4/15/03	3:15:13 PM	511CN	CONAIR	Animal	4	72	18
Apr-03	D-Line_Forced	4/15/03	4:05:00 PM	4/15/03	5:14:39 PM	590AP	APRIL	Equipment Failure	36	1,050	70
Apr-03	D-Line_Forced	4/15/03	4:05:00 PM	4/15/03	5:15:00 PM	590AP	APRIL	Equipment Failure	50	3,500	70
Apr-03	D-Line_Forced	4/15/03	4:05:00 PM	4/15/03	7:30:00 PM	590AP	APRIL	Equipment Failure	9	1,845	205
Apr-03	D-Line_Forced	4/15/03	4:46:00 PM	4/15/03	5:42:47 PM	154BE	BEVIL	Vegetation	29	1,653	57
Apr-03	D-Line_Forced	4/15/03	4:50:00 PM	4/15/03	6:00:25 PM	73RAY	RAYWOOD	Vegetation	3	210	70
Apr-03	D-Line_Forced	4/15/03	4:51:00 PM	4/15/03	6:15:47 PM	725DY	DAYTON BULK	Lightning	1	85	85
Apr-03	D-Line_Forced	4/15/03	4:55:00 PM	4/15/03	5:55:53 PM	512CN	CONAIR	Animal	1	61	61
Apr-03	D-Line_Forced	4/15/03	5:26:00 PM	4/15/03	6:20:47 PM	184PS	PANSY	Equipment Failure	1	55	55
Apr-03	D-Line_Forced	4/15/03	7:08:00 PM	4/15/03	8:30:44 PM	405CV	CLEVELAND	Animal	3	204	68
Apr-03	D-Line_Forced	4/15/03	7:38:00 PM	4/15/03	8:50:18 PM	457FL	FLETCHER	Equipment Failure	1	53	53
Apr-03	D-Line_Forced	4/15/03	8:02:00 PM	4/15/03	9:50:18 PM	405CV	CLEVELAND	Vegetation	2	216	108
Apr-03	D-Line_Forced	4/15/03	8:08:00 PM	4/15/03	10:05:47 PM	335NC	NEW CANEY	Animal	1	118	118
Apr-03	D-Line_Forced	4/15/03	9:05:00 PM	4/15/03	10:40:04 PM	681GR	GOREE	Vegetation	10	950	95
Apr-03	D-Line_Forced	4/15/03	10:36:00 PM	4/15/03	11:30:41 PM	25HRN	HEARNE	Equipment Failure	7	812	116
Apr-03	D-Line_Forced	4/15/03	11:17:00 PM	4/15/03	1:30:38 AM	920DO	DOBBIN	Vegetation	41	7,175	175
Apr-03	D-Line_Forced	4/15/03	11:48:00 PM	4/15/03	11:50:51 PM	525PA	PANORAMA	Vegetation	2	68	34
Apr-03	D-Line_Forced	4/16/03	12:30:00 AM	4/16/03	12:35:02 AM	540LA	LACON	Vegetation	5	235	47
Apr-03	D-Line_Forced	4/16/03	6:04:00 AM	4/16/03	1:30:00 AM	333NC	NEW CANEY	Vegetation	18	1,080	60
Apr-03	D-Line_Forced	4/16/03	6:55:00 AM	4/16/03	7:29:04 AM	53BTA	BATSON	Vegetation	8	680	85
Apr-03	D-Line_Forced	4/16/03	8:25:00 AM	4/16/03	8:12:37 AM	25HRN	HEARNE	Equipment Failure	4	312	78
Apr-03	D-Line_Forced	4/16/03	8:36:00 AM	4/16/03	9:30:55 AM	93STG	STONEGATE	Other	2	132	66
Apr-03	D-Line_Forced	4/16/03	9:01:00 AM	4/16/03	9:55:54 AM	432KT	KOUNTZE BULK	Vegetation	10	800	80
Apr-03	D-Line_Forced	4/16/03	9:01:00 AM	4/16/03	9:30:58 AM	43LNB	LINDBERGH	Animal	14	420	30
Apr-03	D-Line_Forced	4/16/03	9:01:00 AM	4/16/03	9:45:13 AM	43LNB	LINDBERGH	Animal	15	660	44
Apr-03	D-Line_Forced	4/16/03	9:01:00 AM	4/16/03	10:15:02 AM	43LNB	LINDBERGH	Animal	1	74	74

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Forced	4/16/03	9:06:00 AM	4/16/03	10:38:12 AM	6CAL	CALVERT	Animal	26	2,392	92
Apr-03	D-Line_Forced	4/16/03	10:44:00 AM	4/16/03	11:15:22 AM	506WR	WARREN	Vegetation	6	186	31
Apr-03	D-Line_Forced	4/16/03	12:01:00 PM	4/16/03	12:32:20 PM	211BA	BAYSHORE	Public Damage	2	62	31
Apr-03	D-Line_Forced	4/16/03	12:16:00 PM	4/16/03	1:05:00 PM	127SO	SOMERVILLE	Vegetation	7	343	49
Apr-03	D-Line_Forced	4/16/03	12:40:00 PM	4/16/03	1:15:27 PM	610HU	HUNTSVILLE	Animal	4	140	35
Apr-03	D-Line_Forced	4/16/03	1:21:00 PM	4/16/03	1:48:49 PM	66MAN	MANCHESTER	Human Error	25	700	28
Apr-03	D-Line_Forced	4/16/03	1:44:00 PM	4/16/03	3:25:13 PM	68TV1	V1WAY	Equipment Failure	1	101	101
Apr-03	D-Line_Forced	4/16/03	2:20:00 PM	4/16/03	3:40:15 PM	432KT	KOUNTZE BULK	Lightning	1	80	80
Apr-03	D-Line_Forced	4/16/03	2:32:00 PM	4/16/03	4:25:39 PM	154BE	BEVIL	Equipment Failure	1	114	114
Apr-03	D-Line_Forced	4/16/03	3:39:00 PM	4/16/03	5:45:59 PM	4CAL	CALVERT	Equipment Failure	14	1,778	127
Apr-03	D-Line_Forced	4/16/03	4:01:00 PM	4/16/03	5:40:19 PM	584LM	LONGMIRE	Vegetation	3	297	99
Apr-03	D-Line_Forced	4/16/03	4:27:00 PM	4/16/03	5:40:34 PM	46PTN	PORT NECHES	Vegetation	5	370	74
Apr-03	D-Line_Forced	4/16/03	5:51:00 PM	4/16/03	6:24:02 PM	70ECH	ECHO	Animal	2	66	33
Apr-03	D-Line_Forced	4/16/03	6:45:00 PM	4/16/03	7:05:18 PM	516CN	CONAIR	Vegetation	1	20	20
Apr-03	D-Line_Forced	4/16/03	7:17:00 PM	4/16/03	8:50:24 PM	53BAT	BATSON	Vegetation	2	186	93
Apr-03	D-Line_Forced	4/16/03	8:34:00 PM	4/16/03	10:13:00 PM	710GL	GOSLIN	Public Damage	345	34,155	99
Apr-03	D-Line_Forced	4/16/03	8:34:00 PM	4/16/03	10:24:03 PM	710GL	GOSLIN	Public Damage	111	12,210	110
Apr-03	D-Line_Forced	4/16/03	9:37:00 PM	4/17/03	12:15:17 AM	361BD	BRIDGE CITY	Equipment Failure	10	1,580	158
Apr-03	D-Line_Forced	4/17/03	7:22:00 AM	4/17/03	8:25:29 AM	457FL	FLETCHER	Equipment Failure	41	2,624	64
Apr-03	D-Line_Forced	4/17/03	9:23:00 AM	4/17/03	11:10:34 AM	93CHI	CHINA	Equipment Failure	3	324	108
Apr-03	D-Line_Forced	4/17/03	10:32:00 AM	4/17/03	12:05:07 PM	592WR	WARREN	Vegetation	2	186	93
Apr-03	D-Line_Forced	4/17/03	10:53:00 AM	4/17/03	11:15:33 AM	982GR	GRIMES	Other	7	161	23
Apr-03	D-Line_Forced	4/17/03	12:07:00 PM	4/17/03	12:23:23 PM	333NC	NEW CANEY	Animal	2	32	16
Apr-03	D-Line_Forced	4/17/03	12:43:00 PM	4/17/03	1:15:21 PM	403CV	CLEVELAND	Equipment Failure	415	13,280	32
Apr-03	D-Line_Forced	4/17/03	1:33:00 PM	4/17/03	2:32:17 PM	231ST	STOWELL	Animal	1	59	59
Apr-03	D-Line_Forced	4/17/03	2:20:00 PM	4/17/03	2:43:45 PM	722ME	ME	Public Damage	86	2,064	24
Apr-03	D-Line_Forced	4/17/03	2:58:00 PM	4/17/03	4:15:04 PM	463SI	SILSBEE	Vegetation	2	154	77
Apr-03	D-Line_Forced	4/17/03	3:16:00 PM	4/17/03	3:59:54 PM	742OK	OAK RIDGE	Other	30	1,320	44
Apr-03	D-Line_Forced	4/17/03	3:52:00 PM	4/17/03	4:40:01 PM	432KT	KOUNTZE BULK	Vegetation	53	2,544	48
Apr-03	D-Line_Forced	4/17/03	3:59:00 PM	4/17/03	4:30:25 PM	114DR	DORMAN	Public Damage	2	62	31
Apr-03	D-Line_Forced	4/17/03	4:50:00 PM	4/17/03	6:40:28 PM	627TE	TEMCO	Vegetation	9	990	110
Apr-03	D-Line_Forced	4/17/03	4:52:00 PM	4/17/03	5:34:28 PM	637WT	TEMCO	Vegetation	23	966	42
Apr-03	D-Line_Forced	4/17/03	6:30:00 PM	4/17/03	8:15:24 PM	633WT	WYNTEX	Equipment Failure	2	210	105
Apr-03	D-Line_Forced	4/17/03	7:08:00 PM	4/17/03	8:10:40 PM	35HDN	HARDIN	Equipment Failure	4	252	63
Apr-03	D-Line_Forced	4/17/03	7:15:00 PM	4/17/03	8:35:32 PM	111WS	WESTSIDE	Equipment Failure	9	720	80
Apr-03	D-Line_Forced	4/17/03	7:19:00 PM	4/17/03	8:15:45 PM	452KT	KOUNTZE	Equipment Failure	6	342	57
Apr-03	D-Line_Forced	4/17/03	8:00:00 PM	4/17/03	9:35:31 PM	131CE	CENTRAL	Equipment Failure	15	1,425	95
Apr-03	D-Line_Forced	4/17/03	8:57:00 PM	4/17/03	9:35:48 PM	570CR	CRYSTAL	Vegetation	1	39	39
Apr-03	D-Line_Forced	4/17/03	9:14:00 PM	4/17/03	10:15:46 PM	63GRO	GROVES	Animal	4	248	62
Apr-03	D-Line_Forced	4/17/03	10:14:00 PM	4/17/03	11:25:00 PM	432KT	KOUNTZE BULK	Equipment Failure	1	71	71
Apr-03	D-Line_Forced	4/18/03	7:16:00 AM	4/18/03	7:58:41 AM	92STG	STONEGATE	Animal	2	86	43
Apr-03	D-Line_Forced	4/18/03	11:06:00 AM	4/18/03	11:55:34 AM	154BE	BEVIL	Animal	1	50	50
Apr-03	D-Line_Forced	4/18/03	11:54:00 AM	4/18/03	12:40:14 PM	901NA	NAVASOTA	Equipment Failure	3	138	46
Apr-03	D-Line_Forced	4/18/03	12:02:00 PM	4/18/03	1:23:56 PM	24YAN	YANKEE DOODLE	Other	8	656	82
Apr-03	D-Line_Forced	4/18/03	12:10:00 PM	4/18/03	1:00:35 PM	154BE	BEVIL	Other	1	51	51
Apr-03	D-Line_Forced	4/18/03	1:07:00 PM	4/18/03	4:30:54 PM	808PD	PEE DEE	Equipment Failure	2	408	204
Apr-03	D-Line_Forced	4/18/03	6:23:00 PM	4/18/03	7:00:51 PM	600HU	HUNTSVILLE	Equipment Failure	8	304	38
Apr-03	D-Line_Forced	4/18/03	7:39:00 PM	4/18/03	7:45:55 PM	982GR	GRIMES	Equipment Failure	1	6	6
Apr-03	D-Line_Forced	4/18/03	8:13:00 PM	4/18/03	8:40:38 PM	32BRC	BRIARCLIFF	Equipment Failure	2	56	28
Apr-03	D-Line_Forced	4/18/03	10:54:00 PM	4/19/03	4:25:12 AM	981GR	GRIMES	Public Damage	19	6,289	331
Apr-03	D-Line_Forced	4/19/03	12:32:00 AM	4/19/03	1:25:07 AM	333NC	NEW CANEY	Animal	2	106	53
Apr-03	D-Line_Forced	4/19/03	1:28:00 AM	4/19/03	3:20:59 AM	335NC	NEW CANEY	Animal	750	84,750	113
Apr-03	D-Line_Forced	4/19/03	1:34:00 AM	4/19/03	3:10:09 AM	723DY	DAYTON BULK	Public Damage	1	96	96
Apr-03	D-Line_Forced	4/19/03	6:40:00 AM	4/19/03	7:30:26 AM	251KP	KICKAPOO	Vegetation	1	50	50
Apr-03	D-Line_Forced	4/19/03	8:27:00 AM	4/19/03	10:05:44 AM	627TE	TEMCO	Vegetation	5	495	99

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Forced	4/19/03	9:11:00 AM	4/19/03	10:30:09 AM	238GR	CORRIGAN BULK	Animal	33	2,607	79
Apr-03	D-Line_Forced	4/19/03	9:21:00 AM	4/19/03	11:00:03 AM	600HU	HUNTSVILLE	Other	1	99	99
Apr-03	D-Line_Forced	4/19/03	10:23:00 AM	4/19/03	12:00:17 PM	711MG	MAGNOLIA AMES	Vegetation	88	8,536	97
Apr-03	D-Line_Forced	4/19/03	10:23:00 AM	4/19/03	12:18:15 PM	711MG	MAGNOLIA AMES	Vegetation	3	345	115
Apr-03	D-Line_Forced	4/19/03	10:38:00 AM	4/19/03	12:25:01 PM	920DO	DOBBS	Other	2	214	107
Apr-03	D-Line_Forced	4/19/03	10:42:00 AM	4/19/03	11:45:27 AM	154BE	BEVIL	Public Damage	57	3,648	64
Apr-03	D-Line_Forced	4/19/03	10:49:00 AM	4/19/03	12:00:22 PM	201SD	SANDY SHORES	Equipment Failure	16	1,136	71
Apr-03	D-Line_Forced	4/19/03	11:01:00 AM	4/19/03	11:38:56 AM	426CV	CLEVELAND	Human Error	1,711	63,307	37
Apr-03	D-Line_Forced	4/19/03	11:44:00 AM	4/19/03	12:35:04 PM	345OI	OILLA	Vegetation	3	153	51
Apr-03	D-Line_Forced	4/19/03	1:28:00 PM	4/19/03	2:35:37 PM	808PD	PEE DEE	Lightning	8	544	68
Apr-03	D-Line_Forced	4/19/03	2:24:00 PM	4/19/03	3:10:25 PM	610HU	HUNTSVILLE	Animal	1	46	46
Apr-03	D-Line_Forced	4/19/03	3:04:00 PM	4/19/03	4:30:20 PM	112WS	WESTSIDE	Equipment Failure	7	602	86
Apr-03	D-Line_Forced	4/19/03	3:13:00 PM	4/19/03	3:53:16 PM	582LM	LONGMIRE	Other	1	40	40
Apr-03	D-Line_Forced	4/19/03	3:51:00 PM	4/19/03	4:27:12 PM	105SL	SOUR LAKE	Vegetation	27	972	36
Apr-03	D-Line_Forced	4/19/03	4:44:00 PM	4/19/03	5:50:32 PM	23HKS	HANKS	Vegetation	3	201	67
Apr-03	D-Line_Forced	4/19/03	5:12:00 PM	4/19/03	5:48:34 PM	577CN	CONROE BULK	Equipment Failure	6	222	37
Apr-03	D-Line_Forced	4/19/03	5:12:00 PM	4/19/03	6:28:04 PM	577CN	CONROE BULK	Equipment Failure	59	4,484	76
Apr-03	D-Line_Forced	4/19/03	5:40:00 PM	4/19/03	7:15:34 PM	233ST	STOWELL	Public Damage	43	4,128	96
Apr-03	D-Line_Forced	4/19/03	6:09:00 PM	4/19/03	7:40:06 PM	40LNB	LINDBERGH	Equipment Failure	66	6,006	91
Apr-03	D-Line_Forced	4/20/03	3:24:00 AM	4/20/03	5:20:43 AM	711MG	MAGNOLIA AMES	Equipment Failure	1	117	117
Apr-03	D-Line_Forced	4/20/03	4:26:00 AM	4/20/03	5:45:30 AM	426CV	CLEVELAND	Animal	20	1,580	79
Apr-03	D-Line_Forced	4/20/03	5:13:00 AM	4/20/03	6:20:54 AM	505WR	WARREN	Other	2	136	68
Apr-03	D-Line_Forced	4/20/03	5:17:00 AM	4/20/03	7:05:51 AM	570DC	DOUCETTE	Equipment Failure	52	5,668	109
Apr-03	D-Line_Forced	4/20/03	5:37:00 AM	4/20/03	6:38:04 AM	432KT	KOUNTZE BULK	Vegetation	4	244	61
Apr-03	D-Line_Forced	4/20/03	7:10:00 AM	4/20/03	8:00:31 AM	627TE	TEMCO	Other	1	51	51
Apr-03	D-Line_Forced	4/20/03	8:55:00 AM	4/20/03	10:21:07 AM	155BE	BEVIL	Animal	104	8,944	86
Apr-03	D-Line_Forced	4/20/03	9:46:00 AM	4/20/03	11:30:32 AM	982GR	GRIMES	Other	41	4,305	105
Apr-03	D-Line_Forced	4/20/03	9:46:00 AM	4/20/03	12:10:39 PM	982GR	GRIMES	Other	111	16,095	145
Apr-03	D-Line_Forced	4/20/03	10:11:00 AM	4/20/03	11:20:24 AM	743OK	OAK RIDGE	Vegetation	29	2,001	69
Apr-03	D-Line_Forced	4/20/03	10:23:00 AM	4/20/03	12:05:06 PM	335NC	NEW CANEY	Vegetation	2	204	102
Apr-03	D-Line_Forced	4/20/03	10:39:00 AM	4/20/03	11:05:22 AM	505CN	CONROE BULK	Vegetation	1	26	26
Apr-03	D-Line_Forced	4/20/03	10:39:00 AM	4/20/03	11:20:07 AM	632WT	WYNTEX	Animal	7	287	41
Apr-03	D-Line_Forced	4/20/03	12:05:00 PM	4/20/03	12:35:52 PM	133CE	CENTRAL	Animal	7	217	31
Apr-03	D-Line_Forced	4/20/03	12:10:00 PM	4/20/03	1:10:12 PM	740OK	OAK RIDGE	Lightning	19	1,140	60
Apr-03	D-Line_Forced	4/20/03	12:34:00 PM	4/20/03	4:36:54 PM	336NC	NEW CANEY	Lightning	101	24,543	243
Apr-03	D-Line_Forced	4/20/03	12:39:00 PM	4/20/03	3:55:06 PM	333NC	NEW CANEY	Vegetation	2	392	196
Apr-03	D-Line_Forced	4/20/03	12:49:00 PM	4/20/03	3:00:35 PM	304NC	NEW CANEY	Equipment Failure	4	1,352	338
Apr-03	D-Line_Forced	4/20/03	12:52:00 PM	4/20/03	3:00:35 PM	336NC	NEW CANEY	Lightning	33	4,257	129
Apr-03	D-Line_Forced	4/20/03	12:56:00 PM	4/20/03	2:30:41 PM	335NC	NEW CANEY	Lightning	750	71,250	95
Apr-03	D-Line_Forced	4/20/03	1:06:00 PM	4/20/03	5:10:38 PM	335NC	NEW CANEY	Lightning	1	245	245
Apr-03	D-Line_Forced	4/20/03	1:08:00 PM	4/20/03	6:15:29 PM	405CV	CLEVELAND	Vegetation	181	55,567	307
Apr-03	D-Line_Forced	4/20/03	1:18:00 PM	4/20/03	5:00:41 PM	336NC	NEW CANEY	Other	3	669	223
Apr-03	D-Line_Forced	4/20/03	1:23:00 PM	4/20/03	2:43:26 PM	406CV	CLEVELAND	Lightning	26	2,080	80
Apr-03	D-Line_Forced	4/20/03	1:25:00 PM	4/20/03	6:00:07 PM	425CV	CLEVELAND	Lightning	2	550	275
Apr-03	D-Line_Forced	4/20/03	1:27:00 PM	4/20/03	2:18:15 PM	404CV	CLEVELAND	Lightning	194	9,894	51
Apr-03	D-Line_Forced	4/20/03	1:30:00 PM	4/20/03	2:35:22 PM	611HU	HUNTSVILLE	Vegetation	1	65	65
Apr-03	D-Line_Forced	4/20/03	1:31:00 PM	4/20/03	2:43:38 PM	335NC	NEW CANEY	Lightning	16	1,168	73
Apr-03	D-Line_Forced	4/20/03	1:31:00 PM	4/20/03	3:40:17 PM	405CV	CLEVELAND	Vegetation	54	6,966	129
Apr-03	D-Line_Forced	4/20/03	2:27:00 PM	4/20/03	5:35:02 PM	592WR	WARREN	Equipment Failure	1	188	188
Apr-03	D-Line_Forced	4/20/03	2:28:00 PM	4/20/03	3:30:25 PM	456FL	FLETCHER	Lightning	24	1,488	62
Apr-03	D-Line_Forced	4/20/03	2:35:00 PM	4/20/03	3:58:20 PM	309SP	SPLENDORA	Vegetation	19	1,577	83
Apr-03	D-Line_Forced	4/20/03	2:53:00 PM	4/20/03	3:24:05 PM	570CR	CRYSTAL	Lightning	2	62	31
Apr-03	D-Line_Forced	4/20/03	2:54:00 PM	4/20/03	5:00:34 PM	101BL	BLUE WATER	Equipment Failure	2	254	127
Apr-03	D-Line_Forced	4/20/03	3:02:00 PM	4/20/03	3:30:57 PM	61GRO	GROVES	Lightning	38	1,102	29
Apr-03	D-Line_Forced	4/20/03	3:06:00 PM	4/20/03	4:30:31 PM	114DR	DORMAN	Vegetation	9	765	85

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Forced	4/20/03	3:06:00 PM	4/20/03	6:40:00 PM	114DR	DORMAN	Vegetation	10	2,140	214
Apr-03	D-Line_Forced	4/20/03	3:07:00 PM	4/20/03	5:25:02 PM	3177A	TAMINA	Lightning	14	1,932	138
Apr-03	D-Line_Forced	4/20/03	3:13:00 PM	4/20/03	7:55:58 PM	163VD	VIDOR	Vegetation	1	289	289
Apr-03	D-Line_Forced	4/20/03	3:14:30 PM	4/20/03	5:25:31 PM	3177A	TAMINA	Lightning	3	396	132
Apr-03	D-Line_Forced	4/20/03	3:17:00 PM	4/20/03	4:39:09 PM	182AM	AMELIA BULK	Equipment Failure	1,498	127,330	85
Apr-03	D-Line_Forced	4/20/03	3:27:00 PM	4/20/03	5:20:10 PM	361BD	BRIDGE CITY	Lightning	26	1,230	123
Apr-03	D-Line_Forced	4/20/03	3:33:00 PM	4/20/03	6:30:35 PM	406CV	CLEVELAND	Lightning	1	4,784	184
Apr-03	D-Line_Forced	4/20/03	3:34:00 PM	4/20/03	4:00:34 PM	405CV	CLEVELAND	Lightning	1	28	28
Apr-03	D-Line_Forced	4/20/03	3:51:00 PM	4/20/03	5:25:00 PM	163VD	VIDOR	Other	1	111	111
Apr-03	D-Line_Forced	4/20/03	4:02:00 PM	4/20/03	4:15:11 PM	570CR	CRYSTAL	Equipment Failure	1	24	24
Apr-03	D-Line_Forced	4/20/03	4:02:00 PM	4/20/03	6:40:58 PM	570DC	DOUCETTE	Equipment Failure	52	8,268	159
Apr-03	D-Line_Forced	4/20/03	4:33:00 PM	4/20/03	7:35:25 PM	404CV	CLEVELAND	Lightning	17	3,094	182
Apr-03	D-Line_Forced	4/20/03	4:51:00 PM	4/20/03	5:55:58 PM	158HA	HAMPTON	Lightning	1	65	65
Apr-03	D-Line_Forced	4/20/03	5:01:00 PM	4/20/03	6:20:45 PM	269RV	RIVTRIN	Lightning	12	960	80
Apr-03	D-Line_Forced	4/20/03	5:09:00 PM	4/20/03	6:00:46 PM	74RAY	RAYWOOD	Lightning	4	208	52
Apr-03	D-Line_Forced	4/20/03	5:13:00 PM	4/20/03	7:10:35 PM	336NC	NEW CANEY	Lightning	176	20,768	118
Apr-03	D-Line_Forced	4/20/03	5:34:00 PM	4/20/03	6:25:07 PM	158HA	HAMPTON	Lightning	2	102	51
Apr-03	D-Line_Forced	4/20/03	5:39:00 PM	4/20/03	6:10:00 PM	570CR	CRYSTAL	Lightning	2	62	31
Apr-03	D-Line_Forced	4/20/03	6:01:00 PM	4/20/03	6:40:04 PM	307SP	SPLENDORA	Public Damage	2	78	39
Apr-03	D-Line_Forced	4/20/03	6:10:00 PM	4/20/03	7:50:29 PM	336NC	NEW CANEY	Lightning	4	404	101
Apr-03	D-Line_Forced	4/20/03	6:33:00 PM	4/20/03	6:58:49 PM	572CN	CONROE BULK	Lightning	1	26	26
Apr-03	D-Line_Forced	4/20/03	6:36:00 PM	4/20/03	7:40:15 PM	92CHI	CHINA	Equipment Failure	11	704	64
Apr-03	D-Line_Forced	4/20/03	7:31:00 PM	4/20/03	8:30:38 PM	336NC	NEW CANEY	Vegetation	1	60	60
Apr-03	D-Line_Forced	4/20/03	7:52:00 PM	4/20/03	9:40:45 PM	138CI	CALDWELL INDUSTRIAL	Animal	1	109	109
Apr-03	D-Line_Forced	4/20/03	8:21:00 PM	4/20/03	11:45:26 PM	627TE	TEMCO	Lightning	1	204	204
Apr-03	D-Line_Forced	4/20/03	8:52:00 PM	4/20/03	10:40:06 PM	570DC	DOUCETTE	Equipment Failure	52	5,616	108
Apr-03	D-Line_Forced	4/20/03	10:07:00 PM	4/20/03	11:15:25 PM	570DC	DOUCETTE	Lightning	7	476	68
Apr-03	D-Line_Forced	4/21/03	4:00:00 AM	4/21/03	5:40:17 AM	77PLS	LONGMIRE	Vegetation	9	927	103
Apr-03	D-Line_Forced	4/21/03	4:40:00 AM	4/21/03	5:40:01 AM	77PLS	PLEASURE	Lightning	9	900	100
Apr-03	D-Line_Forced	4/21/03	4:45:00 AM	4/21/03	5:40:54 AM	333NC	PLEASURE	Lightning	36	2,160	60
Apr-03	D-Line_Forced	4/21/03	5:30:00 AM	4/21/03	6:20:00 AM	453KT	NEW CANEY	Vegetation	19	1,064	56
Apr-03	D-Line_Forced	4/21/03	6:24:00 AM	4/21/03	6:45:47 AM	453KT	KOUNTZE	Lightning	1	50	50
Apr-03	D-Line_Forced	4/21/03	6:48:00 AM	4/21/03	7:14:05 AM	316TA	TAMINA	Vegetation	3	66	22
Apr-03	D-Line_Forced	4/21/03	6:52:00 AM	4/21/03	7:10:18 AM	453KT	KOUNTZE	Vegetation	1	26	26
Apr-03	D-Line_Forced	4/21/03	7:05:00 AM	4/21/03	8:01:39 AM	221HI	HIMEX	Vegetation	3	54	18
Apr-03	D-Line_Forced	4/21/03	7:16:00 AM	4/21/03	7:52:00 AM	22YAN	YANKEE DOODLE	Vegetation	112	4,032	36
Apr-03	D-Line_Forced	4/21/03	7:58:00 AM	4/21/03	8:05:39 AM	525PA	PANORAMA	Equipment Failure	1	50	50
Apr-03	D-Line_Forced	4/21/03	8:07:00 AM	4/21/03	8:30:42 AM	336NC	NEW CANEY	Vegetation	2	66	33
Apr-03	D-Line_Forced	4/21/03	8:27:00 AM	4/21/03	9:06:01 AM	457FL	FLETCHER	Lightning	1	24	24
Apr-03	D-Line_Forced	4/21/03	8:39:00 AM	4/21/03	9:21:40 AM	477MD	MCDONALD	Vegetation	31	1,209	39
Apr-03	D-Line_Forced	4/21/03	8:42:00 AM	4/21/03	1:30:51 PM	308SP	SPLENDORA	Animal	77	3,311	43
Apr-03	D-Line_Forced	4/21/03	8:44:00 AM	4/21/03	9:40:48 AM	43LNB	CALDWELL INDUSTRIAL	Equipment Failure	1	289	289
Apr-03	D-Line_Forced	4/21/03	8:58:00 AM	4/21/03	9:24:15 AM	711MG	LINDBERGH	Human Error	41	2,337	57
Apr-03	D-Line_Forced	4/21/03	8:16:00 AM	4/21/03	10:12:10 AM	726DY	MAGNOLIA AMES	Animal	4	104	26
Apr-03	D-Line_Forced	4/21/03	9:48:00 AM	4/21/03	11:20:33 AM	269RV	DAYTON BULK	Other	1	56	56
Apr-03	D-Line_Forced	4/21/03	11:02:00 AM	4/21/03	11:49:13 AM	316TA	TAMINA	Equipment Failure	2	66	33
Apr-03	D-Line_Forced	4/21/03	11:22:00 AM	4/21/03	11:56:46 AM	25HRN	HEARNE	Vegetation	85	3,995	47
Apr-03	D-Line_Forced	4/21/03	12:07:00 PM	4/21/03	12:50:23 PM	453KT	KOUNTZE	Lightning	1	35	35
Apr-03	D-Line_Forced	4/21/03	12:27:00 PM	4/21/03	12:50:23 PM	598TA	TAMINA	Animal	3	219	73
Apr-03	D-Line_Forced	4/21/03	1:11:00 PM	4/21/03	2:10:50 PM	432KT	KOUNTZE BULK	Lightning	2	46	23
Apr-03	D-Line_Forced	4/21/03	1:27:00 PM	4/21/03	1:40:57 PM	113MC	MCHALE	Equipment Failure	62	868	60
Apr-03	D-Line_Forced	4/21/03	1:38:00 PM	4/21/03	2:15:08 PM	317TA	TAMINA	Equipment Failure	2	74	37
Apr-03	D-Line_Forced	4/21/03	2:32:00 PM	4/21/03	4:05:44 PM	471NS	NORTH SILSBEE	Vegetation	74	6,956	94

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Forced	4/21/03	2:50:00 PM	4/21/03	3:55:50 PM	514CN	CONAIR	Equipment Failure	1	66	66
Apr-03	D-Line_Forced	4/21/03	5:17:00 PM	4/21/03	6:30:20 PM	711MG	MAGNOLIA AMES	Animal	4	292	73
Apr-03	D-Line_Forced	4/21/03	6:28:00 PM	4/21/03	8:28:00 PM	335NC	NEW CANEY	Equipment Failure	387	46,440	120
Apr-03	D-Line_Forced	4/21/03	7:14:00 PM	4/21/03	10:05:13 PM	335NC	NEW CANEY	Human Error	1	171	171
Apr-03	D-Line_Forced	4/21/03	9:34:00 PM	4/21/03	9:45:54 PM	335NC	NEW CANEY	Equipment Failure	364	4,368	12
Apr-03	D-Line_Forced	4/22/03	6:14:00 AM	4/22/03	7:00:35 AM	472NS	NORTH SILSBEE	Equipment Failure	4	188	47
Apr-03	D-Line_Forced	4/22/03	7:14:00 AM	4/22/03	7:50:23 AM	241WS	WINSHIRE	Vegetation	1	36	36
Apr-03	D-Line_Forced	4/22/03	7:59:00 AM	4/22/03	8:55:52 AM	350ON	ORANGE	Animal	16	912	57
Apr-03	D-Line_Forced	4/22/03	9:05:00 AM	4/22/03	9:50:24 AM	567CR	CRYSTAL	Public Damage	20	900	45
Apr-03	D-Line_Forced	4/22/03	9:13:00 AM	4/22/03	9:41:08 AM	4CAL	CALVERT	Lightning	1,849	51,772	28
Apr-03	D-Line_Forced	4/22/03	9:31:00 AM	4/22/03	10:40:24 AM	4CAL	CALVERT	Lightning	169	14,703	87
Apr-03	D-Line_Forced	4/22/03	10:27:00 AM	4/22/03	10:15:40 AM	158HA	HAMPTON	Animal	11	495	45
Apr-03	D-Line_Forced	4/22/03	10:31:00 AM	4/22/03	11:45:15 AM	261TR	TRINITY	Animal	5	390	78
Apr-03	D-Line_Forced	4/22/03	10:43:00 AM	4/22/03	10:50:39 AM	142LV	LOVELLS LAKE	Animal	10	200	20
Apr-03	D-Line_Forced	4/22/03	11:12:00 AM	4/22/03	11:26:07 AM	724DY	DAYTON BULK	Other	68	2,924	43
Apr-03	D-Line_Forced	4/22/03	11:14:00 AM	4/22/03	11:42:44 AM	507CN	CONROE BULK	Animal	8	248	31
Apr-03	D-Line_Forced	4/22/03	11:22:00 AM	4/22/03	11:27:03 AM	6CAL	CALVERT	Lightning	2	26	13
Apr-03	D-Line_Forced	4/22/03	11:34:00 AM	4/22/03	12:52:49 PM	743DA	DAISETTA	Equipment Failure	8	320	40
Apr-03	D-Line_Forced	4/22/03	11:54:00 AM	4/22/03	12:40:13 PM	539LA	LACON	Lightning	2	158	79
Apr-03	D-Line_Forced	4/22/03	11:55:00 AM	4/22/03	12:40:39 PM	163VD	VIDOR	Lightning	1	46	46
Apr-03	D-Line_Forced	4/22/03	12:14:00 PM	4/22/03	1:15:17 PM	341HI	HICKORY RIDGE	Animal	2	122	61
Apr-03	D-Line_Forced	4/22/03	12:26:00 PM	4/22/03	1:12:18 PM	35KOL	KOLBS	Equipment Failure	9	414	46
Apr-03	D-Line_Forced	4/22/03	12:31:00 PM	4/22/03	1:00:52 PM	4CAL	CALVERT	Lightning	1	30	30
Apr-03	D-Line_Forced	4/22/03	12:50:00 PM	4/22/03	1:55:41 PM	393WO	WEST ORANGE	Vegetation	8	528	66
Apr-03	D-Line_Forced	4/22/03	1:10:00 PM	4/22/03	3:00:00 PM	104SL	SOUR LAKE	Public Damage	19	2,413	127
Apr-03	D-Line_Forced	4/22/03	1:24:00 PM	4/22/03	2:40:59 PM	163VD	VIDOR	Lightning	6	546	91
Apr-03	D-Line_Forced	4/22/03	1:30:00 PM	4/22/03	3:25:55 PM	341WN	WINFREE	Lightning	35	1,435	41
Apr-03	D-Line_Forced	4/22/03	1:43:00 PM	4/22/03	3:20:57 PM	506WR	WARREN	Lightning	1	116	116
Apr-03	D-Line_Forced	4/22/03	1:45:00 PM	4/22/03	2:04:47 PM	539LA	LACON	Lightning	109	11,009	101
Apr-03	D-Line_Forced	4/22/03	1:48:00 PM	4/22/03	2:20:43 PM	512CN	CONAIR	Lightning	3	66	22
Apr-03	D-Line_Forced	4/22/03	2:08:00 PM	4/22/03	2:25:54 PM	23HKS	HANKS	Vegetation	1	36	36
Apr-03	D-Line_Forced	4/22/03	2:09:00 PM	4/22/03	2:50:37 PM	345OI	OILLA	Animal	1	38	38
Apr-03	D-Line_Forced	4/22/03	2:23:00 PM	4/22/03	3:37:19 PM	537LA	LACON	Lightning	6	252	42
Apr-03	D-Line_Forced	4/22/03	2:29:00 PM	4/22/03	3:15:55 PM	95LAM	LAMAR	Lightning	6	180	30
Apr-03	D-Line_Forced	4/22/03	2:31:00 PM	4/22/03	3:45:04 PM	70ECH	ECHO	Lightning	4	296	74
Apr-03	D-Line_Forced	4/22/03	2:39:00 PM	4/22/03	4:05:13 PM	102LA	LAWSON	Lightning	31	1,457	47
Apr-03	D-Line_Forced	4/22/03	3:29:00 PM	4/22/03	4:27:26 PM	137TG	TANGLEWOOD	Lightning	2	188	94
Apr-03	D-Line_Forced	4/22/03	3:54:00 PM	4/22/03	4:40:02 PM	62GRO	GROVES	Lightning	16	736	46
Apr-03	D-Line_Forced	4/22/03	4:09:00 PM	4/22/03	5:00:46 PM	569DC	DOUCETTE	Lightning	38	2,204	56
Apr-03	D-Line_Forced	4/22/03	4:11:00 PM	4/22/03	4:40:02 PM	341WN	WINFREE	Lightning	6	498	83
Apr-03	D-Line_Forced	4/22/03	4:13:00 PM	4/22/03	5:20:17 PM	608HU	DOUCETTE	Lightning	1	46	46
Apr-03	D-Line_Forced	4/22/03	4:19:00 PM	4/22/03	5:15:58 PM	808PD	HUNTSVILLE	Lightning	1	32	32
Apr-03	D-Line_Forced	4/22/03	4:19:00 PM	4/22/03	5:12:53 PM	13BEK	BREKOS	Lightning	3	207	69
Apr-03	D-Line_Forced	4/22/03	5:19:00 PM	4/22/03	6:25:24 PM	92CHI	CHINA	Other	1	63	63
Apr-03	D-Line_Forced	4/22/03	5:26:00 PM	4/22/03	6:30:23 PM	405CV	CLEVELAND	Lightning	11	594	54
Apr-03	D-Line_Forced	4/22/03	5:28:00 PM	4/22/03	6:00:00 PM	171PR	PARKDALE	Equipment Failure	1	66	66
Apr-03	D-Line_Forced	4/22/03	5:29:00 PM	4/22/03	6:10:09 PM	136TG	TANGLEWOOD	Lightning	39	1,248	32
Apr-03	D-Line_Forced	4/22/03	5:44:00 PM	4/22/03	6:10:27 PM	158HA	HAMPTON	Lightning	22	2,332	106
Apr-03	D-Line_Forced	4/22/03	5:48:00 PM	4/22/03	6:15:35 PM	324CO	CORDREY	Equipment Failure	2	52	26
Apr-03	D-Line_Forced	4/22/03	5:55:00 PM	4/22/03	6:45:38 PM	158HA	HAMPTON	Animal	5	140	28
Apr-03	D-Line_Forced	4/22/03	6:01:00 PM	4/22/03	7:15:13 PM	671MA	MAYHAW	Lightning	7	357	51
Apr-03	D-Line_Forced	4/22/03	6:07:00 PM	4/22/03	7:30:28 PM	76JRU	JIROU	Lightning	3	222	74
Apr-03	D-Line_Forced	4/22/03		4/22/03				Lightning	9	756	84

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Forced	4/22/03	6:49:00 PM	4/22/03	8:50:54 PM	4623I	SILSBEE	Vegetation	3	366	122
Apr-03	D-Line_Forced	4/22/03	7:05:00 PM	4/22/03	9:45:26 PM	3500N	ORANGE	Equipment Failure	2	320	160
Apr-03	D-Line_Forced	4/22/03	7:06:00 PM	4/22/03	7:25:17 PM	40LNB	LINDBERGH	Lightning	1	19	19
Apr-03	D-Line_Forced	4/22/03	7:07:00 PM	4/22/03	9:30:39 PM	570DC	DOUCETTE	Vegetation	47	6,788	144
Apr-03	D-Line_Forced	4/22/03	7:24:00 PM	4/22/03	8:13:59 PM	514CN	CONAIR	Equipment Failure	53	2,650	50
Apr-03	D-Line_Forced	4/22/03	7:26:00 PM	4/22/03	11:00:54 PM	570DC	DOUCETTE	Lightning	3	645	215
Apr-03	D-Line_Forced	4/22/03	7:31:00 PM	4/22/03	10:15:45 PM	570DC	DOUCETTE	Lightning	18	2,970	165
Apr-03	D-Line_Forced	4/22/03	7:48:00 PM	4/22/03	9:35:07 PM	506WR	WARREN	Lightning	17	1,819	107
Apr-03	D-Line_Forced	4/22/03	7:55:00 PM	4/23/03	12:40:46 AM	13TRV	TRAVIS	Lightning	1	286	286
Apr-03	D-Line_Forced	4/22/03	8:03:00 PM	4/22/03	10:35:22 PM	340WN	WINFREE	Equipment Failure	1	152	152
Apr-03	D-Line_Forced	4/22/03	8:03:00 PM	4/22/03	11:08:04 PM	425CV	CLEVELAND	Equipment Failure	6	1,110	185
Apr-03	D-Line_Forced	4/22/03	8:03:00 PM	4/23/03	1:30:29 AM	92CHI	CHINA	Equipment Failure	1	253	253
Apr-03	D-Line_Forced	4/22/03	9:17:00 PM	4/23/03	12:12:36 AM	4CAL	CALVERT	Equipment Failure	1	172	172
Apr-03	D-Line_Forced	4/22/03	9:21:00 PM	4/23/03	12:01:25 AM	592WR	WARREN	Vegetation	38	5,510	145
Apr-03	D-Line_Forced	4/22/03	9:36:00 PM	4/23/03	12:01:25 AM	268RV	RIVTRIN	Equipment Failure	3	255	85
Apr-03	D-Line_Forced	4/22/03	11:45:00 PM	4/23/03	8:50:33 AM	31BRC	BRIARCLIFF	Equipment Failure	2	78	39
Apr-03	D-Line_Forced	4/23/03	8:12:00 AM	4/23/03	10:29:53 AM	321AP	APOLLO	Animal	18	666	37
Apr-03	D-Line_Forced	4/23/03	9:53:00 AM	4/23/03	1:10:26 AM	762AL	ALD	Human Error	243	16,281	67
Apr-03	D-Line_Forced	4/23/03	10:24:00 AM	4/23/03	11:30:29 AM	406CV	CLEVELAND	Equipment Failure	1	53	53
Apr-03	D-Line_Forced	4/23/03	10:25:00 AM	4/23/03	11:17:42 AM	40LNB	LINDBERGH	Lightning	1	73	73
Apr-03	D-Line_Forced	4/23/03	10:48:00 AM	4/23/03	12:00:51 PM	404CV	CLEVELAND	Equipment Failure	2	60	30
Apr-03	D-Line_Forced	4/23/03	10:53:00 AM	4/23/03	11:22:53 AM	540LA	LACON	Animal	2	28	14
Apr-03	D-Line_Forced	4/23/03	12:53:00 PM	4/23/03	1:06:53 PM	68PTA	PORT ACRES SUB	Animal	1	27	27
Apr-03	D-Line_Forced	4/23/03	1:04:00 PM	4/23/03	1:31:25 PM	537LA	LACON	Animal	6	144	24
Apr-03	D-Line_Forced	4/23/03	1:08:00 PM	4/23/03	1:32:09 PM	362BD	BRIDGE CITY	Animal	2	156	52
Apr-03	D-Line_Forced	4/23/03	1:20:00 PM	4/23/03	2:11:40 PM	308FR	FRONT STREET	Other	3	961	31
Apr-03	D-Line_Forced	4/23/03	1:29:00 PM	4/23/03	2:00:16 PM	93CHI	CHINA	Equipment Failure	31	43	43
Apr-03	D-Line_Forced	4/23/03	1:42:00 PM	4/23/03	2:25:06 PM	592WR	WARREN	Equipment Failure	2	204	102
Apr-03	D-Line_Forced	4/23/03	2:24:00 PM	4/23/03	4:05:27 PM	158HA	HAMPTON	Animal	4	120	30
Apr-03	D-Line_Forced	4/23/03	2:41:00 PM	4/23/03	3:10:59 PM	682VI	VIVAY	Animal	2	48	24
Apr-03	D-Line_Forced	4/23/03	3:01:00 PM	4/23/03	3:25:15 PM	506WR	WARREN	Equipment Failure	5	290	58
Apr-03	D-Line_Forced	4/23/03	3:48:00 PM	4/23/03	4:45:56 PM	406CV	CLEVELAND	Vegetation	80	5,040	63
Apr-03	D-Line_Forced	4/23/03	4:45:00 PM	4/23/03	5:48:13 PM	341HI	HICKORY RIDGE	Vegetation	2	70	35
Apr-03	D-Line_Forced	4/23/03	4:51:00 PM	4/23/03	5:25:59 PM	163VD	VIDOR	Vegetation	4	512	128
Apr-03	D-Line_Forced	4/23/03	5:10:00 PM	4/23/03	7:17:50 PM	268RV	RIVTRIN	Equipment Failure	12	2,316	193
Apr-03	D-Line_Forced	4/23/03	5:14:00 PM	4/23/03	8:26:41 PM	570DC	DOUCETTE	Other	2	180	90
Apr-03	D-Line_Forced	4/23/03	5:52:00 PM	4/23/03	7:21:33 PM	4CAL	CALVERT	Lightning	1	73	73
Apr-03	D-Line_Forced	4/23/03	6:51:00 PM	4/23/03	8:04:02 PM	222HI	HIMEX	Other	3	171	57
Apr-03	D-Line_Forced	4/23/03	8:09:00 PM	4/23/03	9:05:53 PM	345OI	OILLA	Equipment Failure	1	26	26
Apr-03	D-Line_Forced	4/23/03	8:30:00 PM	4/23/03	8:55:54 PM	457FL	FLETCHER	Equipment Failure	9	1,863	207
Apr-03	D-Line_Forced	4/23/03	9:49:00 PM	4/24/03	1:15:40 AM	456FL	FLETCHER	Equipment Failure	3	873	291
Apr-03	D-Line_Forced	4/23/03	11:25:00 PM	4/24/03	4:15:46 AM	724DY	DAYTON BULK	Vegetation	165	24,255	147
Apr-03	D-Line_Forced	4/23/03	11:44:00 PM	4/24/03	2:11:05 AM	570CR	CRYSTAL	Equipment Failure	1	31	31
Apr-03	D-Line_Forced	4/24/03	6:50:00 AM	4/24/03	7:21:02 AM	13BEK	BREKOS	Other	2	108	54
Apr-03	D-Line_Forced	4/24/03	6:55:00 AM	4/24/03	7:48:46 AM	99SPU	SPURLOCK	Foreign Trouble	15	1,980	132
Apr-03	D-Line_Forced	4/24/03	7:13:00 AM	4/24/03	8:30:08 AM	905NA	NAVASOTA	Other	2	80	40
Apr-03	D-Line_Forced	4/24/03	7:50:00 AM	4/24/03	9:45:04 AM	539LA	LACON	Other	1	34	34
Apr-03	D-Line_Forced	4/24/03	9:11:00 AM	4/24/03	10:00:31 AM	341WN	WINFREE	Equipment Failure	50	1,050	21
Apr-03	D-Line_Forced	4/24/03	9:39:00 AM	4/24/03	12:50:25 PM	333NC	NEW CANEY	Lightning	9	306	34
Apr-03	D-Line_Forced	4/24/03	12:16:00 PM	4/24/03	2:12:32 PM	519DO	DOBBIN	Vegetation	320	29,760	93
Apr-03	D-Line_Forced	4/24/03	12:40:00 PM	4/24/03	1:45:39 PM	607HU	HUNTSVILLE	Vegetation	32	1,410	53
Apr-03	D-Line_Forced	4/24/03	12:53:00 PM	4/24/03	1:45:39 PM	506WR	WARREN	Vegetation	35	3,465	99
Apr-03	D-Line_Forced	4/24/03	12:57:00 PM	4/24/03	2:35:40 PM	471NS	NORTH SILSBEE	Animal	1	55	55
Apr-03	D-Line_Forced	4/24/03	2:20:00 PM	4/24/03	3:15:06 PM	333NC	NEW CANEY	Equipment Failure	25	1,350	54
Apr-03	D-Line_Forced	4/24/03	3:02:00 PM	4/24/03	3:55:36 PM	6CAL	CALVERT	Lightning	1	23	23
Apr-03	D-Line_Forced	4/24/03	3:22:00 PM	4/24/03	3:45:25 PM						

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Forced	4/24/03	6:31:00 PM	4/24/03	7:00:56 PM	507GN	CONROE BULK	Animal	7	210	30
Apr-03	D-Line_Forced	4/24/03	7:32:00 PM	4/24/03	8:40:42 PM	28HRN	HEARNE	Animal	2	138	69
Apr-03	D-Line_Forced	4/24/03	8:07:00 PM	4/24/03	9:54:45 PM	519DO	DOBBLIN	Equipment Failure	320	34,560	108
Apr-03	D-Line_Forced	4/24/03	10:26:00 PM	4/24/03	11:54:15 PM	138CI	CALDWELL INDUSTRIAL	Equipment Failure	2	176	88
Apr-03	D-Line_Forced	4/24/03	11:39:00 PM	4/25/03	1:30:30 AM	568DC	DOUCETTE	Vegetation	5	555	111
Apr-03	D-Line_Forced	4/25/03	4:12:00 AM	4/25/03	6:52:57 AM	95LAM	LAMAR	Lightning	4	644	161
Apr-03	D-Line_Forced	4/25/03	5:12:00 AM	4/25/03	7:11:00 AM	155BE	BEVIL	Equipment Failure	28	3,332	119
Apr-03	D-Line_Forced	4/25/03	7:18:00 AM	4/25/03	7:35:10 AM	350ON	ORANGE	Equipment Failure	12	204	17
Apr-03	D-Line_Forced	4/25/03	8:40:00 AM	4/25/03	9:26:23 AM	7FKL	FRANKLIN	Animal	19	874	46
Apr-03	D-Line_Forced	4/25/03	9:25:00 AM	4/25/03	10:08:18 AM	432KC	KOUNTZE BULK	Other	47	2,021	43
Apr-03	D-Line_Forced	4/25/03	10:15:00 AM	4/25/03	11:30:00 AM	304NC	NEW CANEY	Other	28	2,100	75
Apr-03	D-Line_Forced	4/25/03	11:19:00 AM	4/25/03	1:00:03 PM	269RV	RIVTRIN	Equipment Failure	136	13,736	101
Apr-03	D-Line_Forced	4/25/03	12:27:00 PM	4/25/03	12:56:22 PM	477MD	MCDONALD	Equipment Failure	19	551	29
Apr-03	D-Line_Forced	4/25/03	12:52:00 PM	4/25/03	1:50:12 PM	536SH	SHEAWILL	Animal	1	58	58
Apr-03	D-Line_Forced	4/25/03	1:36:00 PM	4/25/03	2:25:47 PM	269RV	RIVTRIN	Equipment Failure	1	50	50
Apr-03	D-Line_Forced	4/25/03	2:14:00 PM	4/25/03	2:47:09 PM	569DC	DOUCETTE	Vegetation	6	198	33
Apr-03	D-Line_Forced	4/25/03	3:40:00 PM	4/25/03	4:49:26 PM	716ME	METRO	Equipment Failure	769	53,061	69
Apr-03	D-Line_Forced	4/25/03	3:56:00 PM	4/25/03	5:45:26 PM	342WN	WINFREE	Equipment Failure	6	654	109
Apr-03	D-Line_Forced	4/25/03	4:06:00 PM	4/25/03	5:04:40 PM	325CO	CORDREY	Vegetation	4	236	59
Apr-03	D-Line_Forced	4/25/03	4:10:00 PM	4/25/03	5:05:57 PM	981GR	GRIMES	Equipment Failure	2	112	56
Apr-03	D-Line_Forced	4/25/03	5:58:00 PM	4/25/03	6:10:33 PM	380MC	MCLEWIS	Public Damage	5	65	13
Apr-03	D-Line_Forced	4/25/03	6:36:00 PM	4/25/03	7:58:28 PM	724DY	DAYTON BULK	Animal	2	166	83
Apr-03	D-Line_Forced	4/25/03	6:48:00 PM	4/25/03	9:15:00 PM	716ME	METRO	Equipment Failure	21	3,087	147
Apr-03	D-Line_Forced	4/25/03	6:48:00 PM	4/25/03	12:30:52 AM	716ME	METRO	Equipment Failure	11	3,762	342
Apr-03	D-Line_Forced	4/25/03	7:03:00 PM	4/25/03	7:45:27 PM	57AVR	AVERILL	Equipment Failure	5	210	42
Apr-03	D-Line_Forced	4/25/03	7:33:00 PM	4/25/03	8:25:35 PM	127SO	SOMERVILLE	Animal	87	4,611	53
Apr-03	D-Line_Forced	4/25/03	11:14:00 PM	4/26/03	12:30:00 AM	682GR	GOREE	Equipment Failure	3	228	76
Apr-03	D-Line_Forced	4/25/03	11:14:00 PM	4/26/03	12:30:00 AM	682GR	GOREE	Equipment Failure	40	3,040	76
Apr-03	D-Line_Forced	4/25/03	11:14:00 PM	4/26/03	3:39:00 AM	682GR	GOREE	Equipment Failure	5	1,325	265
Apr-03	D-Line_Forced	4/25/03	11:14:00 PM	4/26/03	8:00:21 AM	535SH	SHEAWILL	Equipment Failure	2	94	47
Apr-03	D-Line_Forced	4/26/03	7:13:00 AM	4/26/03	8:55:17 AM	154BE	BEVIL	Other	47	1,504	32
Apr-03	D-Line_Forced	4/26/03	8:23:00 AM	4/26/03	9:00:03 AM	671MA	MAYHAW	Animal	3	102	34
Apr-03	D-Line_Forced	4/26/03	8:26:00 AM	4/26/03	9:38:46 AM	326CO	CORDREY	Animal	2	88	44
Apr-03	D-Line_Forced	4/26/03	8:55:00 AM	4/26/03	11:40:16 AM	131VI	VIRGINIA	Equipment Failure	3	495	165
Apr-03	D-Line_Forced	4/26/03	8:55:00 AM	4/26/03	9:45:00 AM	262TR	TRINITY	Vegetation	6	294	49
Apr-03	D-Line_Forced	4/26/03	8:56:00 AM	4/26/03	10:50:30 AM	506GN	CONROE BULK	Other	39	2,925	75
Apr-03	D-Line_Forced	4/26/03	10:09:00 AM	4/26/03	10:55:06 AM	600HU	HUNTSVILLE	Animal	1	46	46
Apr-03	D-Line_Forced	4/26/03	11:32:00 AM	4/26/03	12:15:58 PM	131VI	VIRGINIA	Equipment Failure	9	396	44
Apr-03	D-Line_Forced	4/26/03	11:32:00 AM	4/26/03	12:55:21 PM	131VI	VIRGINIA	Equipment Failure	9	747	83
Apr-03	D-Line_Forced	4/26/03	11:56:00 AM	4/26/03	1:00:42 PM	269RV	RIVTRIN	Equipment Failure	2	130	65
Apr-03	D-Line_Forced	4/26/03	12:54:00 PM	4/26/03	2:40:00 PM	35KOL	KOLBS	Public Damage	41	4,346	106
Apr-03	D-Line_Forced	4/26/03	2:07:00 PM	4/26/03	6:45:39 PM	519DO	DOBBLIN	Equipment Failure	2	558	279
Apr-03	D-Line_Forced	4/26/03	3:33:00 PM	4/26/03	6:40:32 PM	23HKS	HANKS	Equipment Failure	12	2,244	187
Apr-03	D-Line_Forced	4/26/03	3:57:00 PM	4/26/03	4:40:53 PM	582LM	LONGMIRE	Public Damage	6	264	44
Apr-03	D-Line_Forced	4/26/03	4:38:00 PM	4/26/03	6:40:44 PM	164VD	VIDOR	Vegetation	5	615	123
Apr-03	D-Line_Forced	4/26/03	5:06:00 PM	4/26/03	6:10:31 PM	113MC	MCHALE	Equipment Failure	4	260	65
Apr-03	D-Line_Forced	4/26/03	5:13:00 PM	4/26/03	6:35:51 PM	592WR	WARREN	Vegetation	1	83	83
Apr-03	D-Line_Forced	4/26/03	6:12:00 PM	4/26/03	7:20:49 PM	34KOL	KOLBS	Equipment Failure	107	7,383	69
Apr-03	D-Line_Forced	4/26/03	6:55:00 PM	4/26/03	8:15:32 PM	345OI	OILLA	Equipment Failure	7	560	80
Apr-03	D-Line_Forced	4/26/03	7:42:00 PM	4/26/03	8:35:03 PM	463SI	SILSBEE	Animal	1	53	53
Apr-03	D-Line_Forced	4/26/03	9:29:00 PM	4/26/03	11:15:14 PM	251KP	KICKAPOO	Lightning	2	212	106
Apr-03	D-Line_Forced	4/26/03	9:39:00 PM	4/26/03	10:17:33 PM	269RV	RIVTRIN	Animal	7	273	39
Apr-03	D-Line_Forced	4/26/03	9:52:00 PM	4/26/03	10:45:30 PM	592WR	WARREN	Other	5	270	54
Apr-03	D-Line_Forced	4/27/03	5:49:00 AM	4/27/03	7:05:39 AM	506GN	CONROE BULK	Equipment Failure	39	3,003	77
Apr-03	D-Line_Forced	4/27/03	8:20:00 AM	4/27/03	9:39:17 AM	123EL	ELIZABETH	Animal	58	4,582	79

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Forced	4/27/03	8:23:00 AM	4/27/03	10:20:23 AM	85WED	WEST END	Animal	2	234	117
Apr-03	D-Line_Forced	4/27/03	8:52:00 AM	4/27/03	9:38:28 AM	404CV	CLEVELAND	Animal	88	4,136	47
Apr-03	D-Line_Forced	4/27/03	9:06:00 AM	4/27/03	10:35:50 AM	88WED	WEST END	Public Damage	1	90	50
Apr-03	D-Line_Forced	4/27/03	9:08:00 AM	4/27/03	10:05:03 AM	406CV	CLEVELAND	Vegetation	30	1,710	97
Apr-03	D-Line_Forced	4/27/03	10:05:00 AM	4/27/03	11:20:15 AM	457FL	FLETCHER	Equipment Failure	1	75	75
Apr-03	D-Line_Forced	4/27/03	11:57:00 AM	4/27/03	12:30:52 PM	129VI	VIRGINIA	Animal	7	238	34
Apr-03	D-Line_Forced	4/27/03	12:52:00 PM	4/27/03	1:30:22 PM	206HA	HANKAMER	Equipment Failure	6	228	38
Apr-03	D-Line_Forced	4/27/03	1:49:00 PM	4/27/03	2:25:12 PM	808PD	PEE DEE	Public Damage	2	72	36
Apr-03	D-Line_Forced	4/27/03	2:11:00 PM	4/27/03	2:18:15 PM	352CN	ORANGE	Public Damage	58	406	7
Apr-03	D-Line_Forced	4/27/03	2:49:00 PM	4/27/03	4:10:00 PM	138CI	CALDWELL INDUSTRIAL	Equipment Failure	1	81	81
Apr-03	D-Line_Forced	4/27/03	2:58:00 PM	4/27/03	4:10:11 PM	100BL	BLUE WATER	Lightning	1	72	72
Apr-03	D-Line_Forced	4/27/03	3:55:00 PM	4/27/03	5:10:21 PM	23YAN	YANKEE DOODLE	Equipment Failure	5	375	75
Apr-03	D-Line_Forced	4/27/03	4:56:00 PM	4/27/03	6:10:21 PM	432KT	KOUNTZE BULK	Vegetation	1	39	39
Apr-03	D-Line_Forced	4/27/03	5:04:00 PM	4/27/03	6:10:21 PM	163VD	VIDOR	Public Damage	2	132	66
Apr-03	D-Line_Forced	4/27/03	5:40:00 PM	4/27/03	6:15:43 PM	92DDO	DOBBIN	Equipment Failure	2	72	36
Apr-03	D-Line_Forced	4/27/03	5:51:00 PM	4/27/03	6:25:30 PM	592WR	WARREN	Lightning	1	35	35
Apr-03	D-Line_Forced	4/27/03	5:51:00 PM	4/27/03	7:07:23 PM	403CV	CLEVELAND	Public Damage	4	304	76
Apr-03	D-Line_Forced	4/27/03	6:32:00 PM	4/27/03	9:10:29 PM	592WR	WARREN	Equipment Failure	159	159	159
Apr-03	D-Line_Forced	4/27/03	7:51:00 PM	4/27/03	8:20:11 PM	37KOL	KOLBS	Equipment Failure	9	261	29
Apr-03	D-Line_Forced	4/27/03	10:26:00 PM	4/27/03	11:46:34 PM	519DO	DOBBIN	Equipment Failure	5	400	80
Apr-03	D-Line_Forced	4/27/03	11:29:00 PM	4/28/03	1:00:38 AM	142LV	LOVELLS LAKE	Other	3	276	92
Apr-03	D-Line_Forced	4/28/03	6:33:00 AM	4/28/03	7:35:00 AM	905NA	NAVASOTA	Animal	2	124	62
Apr-03	D-Line_Forced	4/28/03	7:34:00 AM	4/28/03	8:05:40 AM	163VD	VIDOR	Animal	1	32	32
Apr-03	D-Line_Forced	4/28/03	8:49:00 AM	4/28/03	9:11:00 AM	477MD	MCDONALD	Other	6	132	22
Apr-03	D-Line_Forced	4/28/03	9:43:00 AM	4/28/03	12:25:24 PM	360BD	BRIDGE CITY	Equipment Failure	1	162	162
Apr-03	D-Line_Forced	4/28/03	9:56:00 AM	4/28/03	10:24:29 AM	91STG	STONEGATE	Equipment Failure	1	29	29
Apr-03	D-Line_Forced	4/28/03	10:51:00 AM	4/28/03	11:20:21 AM	350CN	ORANGE	Vegetation	12	348	29
Apr-03	D-Line_Forced	4/28/03	11:45:00 AM	4/28/03	12:30:35 PM	432KT	KOUNTZE BULK	Equipment Failure	95	4,370	46
Apr-03	D-Line_Forced	4/28/03	11:56:00 AM	4/28/03	1:50:27 PM	160CH	CHEEK	Vegetation	6	684	114
Apr-03	D-Line_Forced	4/28/03	12:00:00 PM	4/28/03	12:50:45 PM	519DO	DOBBIN	Animal	1	51	51
Apr-03	D-Line_Forced	4/28/03	1:22:00 PM	4/28/03	2:25:14 PM	456FL	FLETCHER	Other	8	504	63
Apr-03	D-Line_Forced	4/28/03	2:27:00 PM	4/28/03	3:08:21 PM	425CV	CLEVELAND	Equipment Failure	49	2,009	41
Apr-03	D-Line_Forced	4/28/03	3:07:00 PM	4/28/03	3:45:45 PM	380MC	MCLEWIS	Animal	6	234	39
Apr-03	D-Line_Forced	4/28/03	3:13:00 PM	4/28/03	3:55:27 PM	127SO	SOMERVILLE	Animal	2	84	84
Apr-03	D-Line_Forced	4/28/03	3:34:00 PM	4/28/03	4:40:15 PM	151RS	ROSEDALE	Public Damage	3	198	66
Apr-03	D-Line_Forced	4/28/03	3:49:00 PM	4/28/03	4:45:05 PM	592WR	WARREN	Animal	2	112	56
Apr-03	D-Line_Forced	4/28/03	4:10:00 PM	4/28/03	5:10:46 PM	982GR	GRIMES	Other	4	244	61
Apr-03	D-Line_Forced	4/28/03	4:40:00 PM	4/28/03	5:36:26 PM	307SP	SPLENDORA	Public Damage	6	336	56
Apr-03	D-Line_Forced	4/28/03	5:59:00 PM	4/28/03	6:20:06 PM	515CN	CONAIR	Other	2	42	21
Apr-03	D-Line_Forced	4/28/03	6:15:00 PM	4/28/03	7:00:16 PM	570DC	DOUCETTE	Animal	7	315	45
Apr-03	D-Line_Forced	4/28/03	6:24:06 PM	4/28/03	8:08:14 PM	4CAL	CALVERT	Lightning	1	112	112
Apr-03	D-Line_Forced	4/28/03	6:24:06 PM	4/28/03	6:42:11 PM	327CO	CORDEY	Public Damage	998	17,964	18
Apr-03	D-Line_Forced	4/28/03	6:24:06 PM	4/28/03	7:30:00 PM	327CO	CORDEY	Public Damage	16	1,056	66
Apr-03	D-Line_Forced	4/28/03	8:15:00 PM	4/28/03	9:25:28 PM	251KP	KICKAPOO	Equipment Failure	1	70	70
Apr-03	D-Line_Forced	4/28/03	8:44:00 PM	4/29/03	12:45:14 AM	112MC	MCHALE	Vegetation	10	2,410	241
Apr-03	D-Line_Forced	4/28/03	8:44:00 PM	4/29/03	5:00:00 AM	112MC	MCHALE	Vegetation	11	5,456	496
Apr-03	D-Line_Forced	4/28/03	10:32:00 PM	4/29/03	11:39:21 PM	682VI	VIWAY	Vegetation	1	67	67
Apr-03	D-Line_Forced	4/29/03	1:12:00 AM	4/29/03	2:00:57 AM	405CV	CLEVELAND	Human Error	1	49	49
Apr-03	D-Line_Forced	4/29/03	5:35:00 AM	4/29/03	6:30:43 AM	202SD	SANDY SHORES	Other	5	280	56
Apr-03	D-Line_Forced	4/29/03	6:46:00 AM	4/29/03	8:20:28 AM	350ON	ORANGE	Equipment Failure	12	1,128	94
Apr-03	D-Line_Forced	4/29/03	7:13:00 AM	4/29/03	9:25:11 AM	101BL	BLUE WATER	Animal	14	1,848	132
Apr-03	D-Line_Forced	4/29/03	7:40:00 AM	4/29/03	8:20:42 AM	163VD	VIDOR	Animal	1	41	41
Apr-03	D-Line_Forced	4/29/03	7:42:00 AM	4/29/03	9:15:16 AM	883GR	GRIMES	Equipment Failure	2	186	93
Apr-03	D-Line_Forced	4/29/03	10:09:00 AM	4/29/03	10:43:33 AM	92DDO	DOBBIN	Animal	60	2,100	35
Apr-03	D-Line_Forced	4/29/03	11:21:00 AM	4/29/03	11:50:48 AM	564WD	WALDEN	Public Damage	62	1,860	30



Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Forced	4/29/03	11:43:00 AM	4/29/03	3:23:08 PM	471NS	NORTH SILSBEE	Vegetation	10	2,200	220
Apr-03	D-Line_Forced	4/29/03	12:21:00 PM	4/29/03	2:30:04 PM	72ECH	ECHO	Equipment Failure	1	129	129
Apr-03	D-Line_Forced	4/29/03	12:25:00 PM	4/29/03	12:50:32 PM	904NA	NAVASOTA	Animal	2	50	25
Apr-03	D-Line_Forced	4/29/03	12:48:00 PM	4/29/03	2:07:33 PM	327CO	CORDREY	Public Damage	7	553	79
Apr-03	D-Line_Forced	4/29/03	1:30:00 PM	4/29/03	2:55:32 PM	107HM	HUMPHREY	Equipment Failure	1	86	86
Apr-03	D-Line_Forced	4/29/03	1:32:00 PM	4/29/03	1:50:13 PM	472NS	NORTH SILSBEE	Equipment Failure	5	90	18
Apr-03	D-Line_Forced	4/29/03	1:34:00 PM	4/29/03	2:15:20 PM	92CHI	CHINA	Animal	1	41	41
Apr-03	D-Line_Forced	4/29/03	2:09:00 PM	4/29/03	2:44:32 PM	426CV	CLEVELAND	Vegetation	18	648	36
Apr-03	D-Line_Forced	4/29/03	3:13:00 PM	4/29/03	3:50:58 PM	120EL	ELIZABETH	Public Damage	23	874	38
Apr-03	D-Line_Forced	4/29/03	3:19:00 PM	4/29/03	4:50:00 PM	13BEK	BREKOS	Vegetation	4	364	91
Apr-03	D-Line_Forced	4/29/03	4:07:00 PM	4/29/03	5:15:23 PM	382MC	MCLEWIS	Public Damage	25	1,700	68
Apr-03	D-Line_Forced	4/29/03	4:32:00 PM	4/29/03	6:10:00 PM	151RS	ROSEDALE	Public Damage	3	294	98
Apr-03	D-Line_Forced	4/29/03	4:39:00 PM	4/29/03	5:35:38 PM	13BEK	BREKOS	Animal	3	171	57
Apr-03	D-Line_Forced	4/29/03	4:53:00 PM	4/29/03	5:22:16 PM	213BA	BAYSHORE	Public Damage	39	1,131	29
Apr-03	D-Line_Forced	4/29/03	5:15:00 PM	4/29/03	7:05:02 PM	25HRN	HEARNE	Lightning	1	110	110
Apr-03	D-Line_Forced	4/29/03	6:28:00 PM	4/29/03	7:20:13 PM	57OCR	CRYSTAL	Equipment Failure	37	1,924	52
Apr-03	D-Line_Forced	4/29/03	6:49:00 PM	4/29/03	8:30:40 PM	519DO	DOBBIN	Other	9	918	102
Apr-03	D-Line_Forced	4/29/03	7:11:00 PM	4/29/03	8:00:49 PM	114DR	DORMAN	Other	7	350	50
Apr-03	D-Line_Forced	4/29/03	8:06:00 PM	4/29/03	8:57:39 PM	432KT	KOUNTZE BULK	Animal	1	52	52
Apr-03	D-Line_Forced	4/29/03	9:24:00 PM	4/29/03	10:45:38 PM	340WN	WINFREE	Equipment Failure	79	6,478	82
Apr-03	D-Line_Forced	4/29/03	11:40:00 PM	4/30/03	12:44:38 AM	627TE	TEMCO	Equipment Failure	1	65	65
Apr-03	D-Line_Forced	4/30/03	3:59:00 AM	4/30/03	5:25:54 AM	13BEK	BREKOS	Lightning	5	435	87
Apr-03	D-Line_Forced	4/30/03	5:09:00 AM	4/30/03	6:00:54 AM	611HU	HUNTSVILLE	Equipment Failure	77	4,004	52
Apr-03	D-Line_Forced	4/30/03	5:09:00 AM	4/30/03	10:30:16 AM	611HU	HUNTSVILLE	Equipment Failure	1	321	321
Apr-03	D-Line_Forced	4/30/03	7:44:00 AM	4/30/03	11:32:32 AM	726DY	DAYTON BULK	Equipment Failure	3	687	229
Apr-03	D-Line_Forced	4/30/03	8:11:00 AM	4/30/03	8:50:41 AM	608HU	HUNTSVILLE	Animal	29	1,160	40
Apr-03	D-Line_Forced	4/30/03	10:14:00 AM	4/30/03	11:18:18 AM	261TR	TRINITY	Animal	1	64	64
Apr-03	D-Line_Forced	4/30/03	12:48:00 PM	4/30/03	1:45:02 PM	101BL	BLUE WATER	Equipment Failure	1	57	57
Apr-03	D-Line_Forced	4/30/03	1:53:00 PM	4/30/03	2:10:13 PM	707GL	GOSLIN	Public Damage	5	85	17
Apr-03	D-Line_Forced	4/30/03	2:05:00 PM	4/30/03	3:25:11 PM	591AP	APRIL	Equipment Failure	19	1,520	80
Apr-03	D-Line_Forced	4/30/03	2:57:00 PM	4/30/03	6:30:51 PM	591AP	APRIL	Equipment Failure	16	4,256	266
Apr-03	D-Line_Forced	4/30/03	2:57:00 PM	4/30/03	5:03:00 PM	761SA	SARATOGA	Public Damage	317	19,971	63
Apr-03	D-Line_Forced	4/30/03	2:57:00 PM	4/30/03	8:49:00 PM	761SA	SARATOGA	Public Damage	88	11,088	126
Apr-03	D-Line_Forced	4/30/03	3:18:00 PM	4/30/03	3:56:37 PM	325CO	CORDREY	Public Damage	2	704	352
Apr-03	D-Line_Forced	4/30/03	4:24:00 PM	4/30/03	5:00:16 PM	269RV	RIVTRIN	Equipment Failure	17	663	39
Apr-03	D-Line_Forced	4/30/03	5:06:00 PM	4/30/03	6:00:29 PM	515CN	CONAIR	Other	4	144	36
Apr-03	D-Line_Forced	4/30/03	5:09:00 PM	4/30/03	6:22:06 PM	101BL	BLUE WATER	Animal	1	54	54
Apr-03	D-Line_Forced	4/30/03	5:29:00 PM	4/30/03	10:22:18 PM	101BL	BLUE WATER	Public Damage	363	26,499	73
Apr-03	D-Line_Forced	4/30/03	5:29:00 PM	4/30/03	6:30:18 PM	262TR	TRINITY	Public Damage	7	2,191	313
Apr-03	D-Line_Forced	4/30/03	6:20:00 PM	4/30/03	7:25:18 PM	113WS	WESTSIDE	Equipment Failure	2	122	61
Apr-03	D-Line_Forced	4/30/03	7:43:00 PM	4/30/03	8:52:41 PM	425CV	CLEVELAND	Equipment Failure	21	1,365	65
Apr-03	D-Line_Forced	4/30/03	8:01:00 PM	4/30/03	8:45:46 PM	457FL	FLETCHER	Equipment Failure	1	70	70
Apr-03	D-Line_Forced	4/30/03	11:20:00 PM	5/1/03	12:45:39 AM	138CI	CALDWELL INDUSTRIAL	Vegetation	4	180	45
Apr-03	D-Line_Forced	4/30/03						Equipment Failure	4	344	86
<b>Totals</b>											
									<b>36,553</b>	<b>2,634,701</b>	

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Apr-03	D-Line_Scheduled	4/1/03	9:35:00 AM	4/1/03	11:00:47 AM	506WR	WARREN	Scheduled Outage	1	86	86
Apr-03	D-Line_Scheduled	4/3/03	9:00:00 AM	4/3/03	10:30:00 AM	193NE	NECHES	Scheduled Outage	25	2,250	90
Apr-03	D-Line_Scheduled	4/3/03	10:45:00 AM	4/3/03	11:20:00 AM	193NE	NECHES	Scheduled Outage	29	1,015	35
Apr-03	D-Line_Scheduled	4/5/03	3:48:00 AM	4/5/03	4:44:24 AM	184PS	PANSY	Scheduled Outage	1	56	56
Apr-03	D-Line_Scheduled	4/7/03	10:23:00 AM	4/7/03	11:20:00 AM	53BAT	BATSON	Scheduled Outage	2	114	57
Apr-03	D-Line_Scheduled	4/8/03	8:04:00 AM	4/8/03	8:30:56 AM	151RS	ROSEDALE	Scheduled Outage	1	27	27
Apr-03	D-Line_Scheduled	4/8/03	8:10:00 AM	4/8/03	9:15:21 AM	151RS	ROSEDALE	Scheduled Outage	2	130	65
Apr-03	D-Line_Scheduled	4/8/03	9:41:00 AM	4/8/03	9:55:25 AM	151RS	ROSEDALE	Scheduled Outage	4	56	14
Apr-03	D-Line_Scheduled	4/8/03	9:41:00 AM	4/8/03	9:55:42 AM	151RS	ROSEDALE	Scheduled Outage	2	30	15
Apr-03	D-Line_Scheduled	4/8/03	10:18:00 AM	4/8/03	10:43:23 AM	90STG	STONEGATE	Scheduled Outage	3	75	25
Apr-03	D-Line_Scheduled	4/8/03	12:58:00 PM	4/8/03	2:45:04 PM	80WED	WEST END	Scheduled Outage	5	535	107
Apr-03	D-Line_Scheduled	4/10/03	8:42:00 AM	4/10/03	9:15:18 AM	456FL	FLETCHER	Scheduled Outage	121	3,993	33
Apr-03	D-Line_Scheduled	4/17/03	8:46:00 AM	4/17/03	9:35:45 AM	154BE	BEVIL	Scheduled Outage	2	100	50
Apr-03	D-Line_Scheduled	4/18/03	10:39:00 AM	4/18/03	11:45:43 AM	46PTN	PORT NECHES	Scheduled Outage	5	335	67
Apr-03	D-Line_Scheduled	4/22/03	7:50:00 AM	4/22/03	8:07:42 AM	336NC	NEW CANEY	Scheduled Outage	68	1,224	18
Apr-03	D-Line_Scheduled	4/22/03	8:50:00 AM	4/22/03	9:05:20 AM	336NC	NEW CANEY	Scheduled Outage	83	1,245	15
Apr-03	D-Line_Scheduled	4/22/03	8:56:00 AM	4/22/03	12:13:37 PM	92STG	STONEGATE	Scheduled Outage	7	1,386	198
Apr-03	D-Line_Scheduled	4/23/03	9:08:00 AM	4/23/03	10:20:02 AM	506WR	WARREN	Scheduled Outage	1	72	72
Apr-03	D-Line_Scheduled	4/25/03	8:59:00 AM	4/25/03	11:40:14 AM	765AL	Alden Bridge	Scheduled Outage	14	2,254	161
Apr-03	D-Line_Scheduled	4/29/03	8:24:00 AM	4/29/03	9:38:49 AM	335NC	NEW CANEY	Scheduled Outage	2	150	75
Apr-03	D-Line_Scheduled	4/29/03	9:01:00 AM	4/29/03	9:44:44 AM	333NC	NEW CANEY	Scheduled Outage	9	396	44
Apr-03	D-Line_Scheduled	4/29/03	9:49:00 AM	4/29/03	10:54:42 AM	335NC	NEW CANEY	Scheduled Outage	1	66	66
Apr-03	D-Line_Scheduled	4/29/03	2:06:00 PM	4/29/03	3:40:40 PM	335NC	NEW CANEY	Scheduled Outage	2	190	95
Apr-03	D-Line_Scheduled	4/30/03	8:43:00 AM	4/30/03	8:58:46 AM	570DC	DOUCETTE	Scheduled Outage	7	112	16
Apr-03	D-Line_Scheduled	4/30/03	11:24:00 AM	4/30/03	1:15:11 PM	325CO	CORDREY	Scheduled Outage	8	888	111
<b>Apr-03</b>	<b>D-Line_Scheduled</b>		<b>Totals</b>						<b>405</b>	<b>16,785</b>	
Apr-03	Outside_Causes	4/20/03	12:43:00 PM	4/20/03	12:49:00 PM	308SP	SPLENDORA	Lightning	1,299	7,794	6
Apr-03	Outside_Causes	4/20/03	12:43:00 PM	4/20/03	12:49:00 PM	321AP	APOLLO	Lightning	766	4,596	6
Apr-03	Outside_Causes	4/20/03	12:43:00 PM	4/20/03	12:49:00 PM	309SP	SPLENDORA	Lightning	1,948	11,688	6
Apr-03	Outside_Causes	4/20/03	12:43:00 PM	4/20/03	12:49:00 PM	307SP	SPLENDORA	Lightning	1,353	8,118	6
Apr-03	Outside_Causes	4/20/03	12:43:00 PM	4/20/03	12:49:00 PM	320AP	APOLLO	Lightning	1,057	6,342	6
Apr-03	Outside_Causes	4/22/03	4:15:00 PM	4/22/03	5:32:17 PM	36TSC	TESCO	Other	69	5,313	77
<b>Apr-03</b>	<b>Outside_Causes</b>		<b>Totals</b>						<b>6,492</b>	<b>43,851</b>	
<b>Apr-03</b>	<b>Grand Totals</b>								<b>43,450</b>	<b>2,695,337</b>	

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/1/03	3:16:00 AM	10/1/03	4:29:22 AM	120EL	ELIZABETH	Equipment Failure	9	657	73
Oct-03	D-Line_Forced	10/1/03	4:24:00 AM	10/1/03	6:00:12 AM	126SO	SOMERVILLE	Equipment Failure	48	4,608	96
Oct-03	D-Line_Forced	10/1/03	7:25:00 AM	10/1/03	9:10:59 AM	308SP	SPLENDORA	Vegetation	1	106	106
Oct-03	D-Line_Forced	10/1/03	7:48:00 AM	10/1/03	12:00:48 PM	238CR	CORRIGAN BULK	Equipment Failure	33	8,349	253
Oct-03	D-Line_Forced	10/1/03	8:30:00 AM	10/1/03	8:55:58 AM	632WT	WYNTEX	Animal	79	2,054	26
Oct-03	D-Line_Forced	10/1/03	8:43:00 AM	10/1/03	9:05:41 AM	352ON	ORANGE	Animal	4	92	23
Oct-03	D-Line_Forced	10/1/03	9:38:00 AM	10/1/03	9:53:46 AM	120EL	ELIZABETH	Equipment Failure	2	32	16
Oct-03	D-Line_Forced	10/1/03	10:19:00 AM	10/1/03	11:40:23 AM	406CV	CLEVELAND	Animal	30	2,430	81
Oct-03	D-Line_Forced	10/1/03	11:02:00 AM	10/1/03	12:00:15 PM	133CE	CENTRAL	Animal	2	116	58
Oct-03	D-Line_Forced	10/1/03	11:21:00 AM	10/1/03	11:48:23 AM	32BRC	BRIARCLIFF	Equipment Failure	1	27	27
Oct-03	D-Line_Forced	10/1/03	11:32:00 AM	10/1/03	12:26:38 PM	154BE	BEVIL	Animal	12	660	55
Oct-03	D-Line_Forced	10/1/03	12:17:00 PM	10/1/03	2:00:15 PM	6CAL	CALVERT	Animal	1	103	103
Oct-03	D-Line_Forced	10/1/03	12:31:00 PM	10/1/03	1:43:16 PM	507CN	CONROE BULK	Equipment Failure	1	72	72
Oct-03	D-Line_Forced	10/1/03	12:41:00 PM	10/1/03	1:35:10 PM	610HU	HUNTSVILLE	Animal	7	378	54
Oct-03	D-Line_Forced	10/1/03	1:15:00 PM	10/1/03	3:05:32 PM	80LAV	LAKEVIEW	Equipment Failure	6	660	110
Oct-03	D-Line_Forced	10/1/03	1:28:00 PM	10/1/03	2:50:36 PM	740OK	OAK RIDGE	Public Damage	6	498	83
Oct-03	D-Line_Forced	10/1/03	1:29:00 PM	10/1/03	2:05:13 PM	109CD	CROWDER	Animal	5	180	36
Oct-03	D-Line_Forced	10/1/03	3:02:00 PM	10/1/03	3:50:14 PM	608HU	HUNTSVILLE	Public Damage	3	144	48
Oct-03	D-Line_Forced	10/1/03	4:54:00 PM	10/1/03	6:30:26 PM	725DY	DAYTON BULK	Animal	1	96	96
Oct-03	D-Line_Forced	10/1/03	5:09:00 PM	10/1/03	6:30:41 PM	404CV	CLEVELAND	Equipment Failure	1	82	82
Oct-03	D-Line_Forced	10/1/03	6:01:00 PM	10/1/03	8:35:34 PM	426CV	CLEVELAND	Vegetation	2	310	155
Oct-03	D-Line_Forced	10/1/03	6:05:00 PM	10/1/03	7:00:16 PM	740OK	OAK RIDGE	Equipment Failure	1	55	55
Oct-03	D-Line_Forced	10/1/03	6:18:00 PM	10/1/03	7:20:29 PM	307SP	SPLENDORA	Animal	2	124	62
Oct-03	D-Line_Forced	10/1/03	8:39:00 PM	10/1/03	9:38:48 PM	432KT	KOUNTZE BULK	Other	1	60	60
Oct-03	D-Line_Forced	10/2/03	1:18:00 AM	10/2/03	4:30:15 AM	570DC	DOUCETTE	Vegetation	23	4,416	192
Oct-03	D-Line_Forced	10/2/03	4:50:00 AM	10/2/03	5:40:45 AM	570DC	DOUCETTE	Equipment Failure	23	1,150	50
Oct-03	D-Line_Forced	10/2/03	7:58:00 AM	10/2/03	8:40:10 AM	333NC	NEW CANEY	Equipment Failure	124	5,208	42
Oct-03	D-Line_Forced	10/2/03	8:18:00 AM	10/2/03	11:45:17 AM	207HA	HANKAMER	Public Damage	2	414	207
Oct-03	D-Line_Forced	10/2/03	8:50:00 AM	10/2/03	9:20:05 AM	213BA	BAYSHORE	Animal	1	30	30
Oct-03	D-Line_Forced	10/2/03	9:08:24 AM	10/2/03	10:50:16 AM	212BA	BAYSHORE	Equipment Failure	40	4,080	102
Oct-03	D-Line_Forced	10/2/03	9:30:00 AM	10/2/03	10:25:51 AM	478MD	MCDONALD	Animal	1	56	56
Oct-03	D-Line_Forced	10/2/03	10:02:00 AM	10/2/03	11:00:06 AM	568DC	DOUCETTE	Vegetation	7	406	58
Oct-03	D-Line_Forced	10/2/03	10:29:00 AM	10/2/03	10:49:38 AM	570CR	CRYSTAL	Public Damage	33	693	21
Oct-03	D-Line_Forced	10/2/03	10:31:00 AM	10/2/03	11:30:39 AM	68PTA	PORT ACRES SUB	Animal	2	120	60
Oct-03	D-Line_Forced	10/2/03	10:39:00 AM	10/2/03	11:35:46 AM	403CV	CLEVELAND	Animal	4	228	57
Oct-03	D-Line_Forced	10/2/03	10:54:00 AM	10/2/03	11:50:29 AM	333NC	NEW CANEY	Animal	2	112	56
Oct-03	D-Line_Forced	10/2/03	10:59:00 AM	10/2/03	11:50:04 AM	114DR	DORMAN	Animal	6	306	51
Oct-03	D-Line_Forced	10/2/03	11:19:00 AM	10/2/03	12:04:32 PM	308SP	SPLENDORA	Other	112	5,152	46
Oct-03	D-Line_Forced	10/2/03	11:24:00 AM	10/2/03	11:58:19 AM	453KT	KOUNTZE	Animal	40	1,360	34
Oct-03	D-Line_Forced	10/2/03	12:00:00 PM	10/2/03	12:10:10 PM	324CO	CORDREY	Animal	3	129	43
Oct-03	D-Line_Forced	10/2/03	12:28:00 PM	10/2/03	12:50:39 PM	130VI	VIRGINIA	Other	1	51	51
Oct-03	D-Line_Forced	10/2/03	1:10:00 PM	10/2/03	1:40:28 PM	600HU	HUNTSVILLE	Other	58	4,176	72
Oct-03	D-Line_Forced	10/2/03	2:39:00 PM	10/2/03	3:00:39 PM	308SP	SPLENDORA	Animal	1	81	81
Oct-03	D-Line_Forced	10/2/03	3:19:00 PM	10/2/03	4:16:50 PM	671MA	MAYHAW	Equipment Failure	1	22	22
Oct-03	D-Line_Forced	10/2/03	4:22:00 PM	10/2/03	5:55:56 PM	138CI	CALDWELL INDUSTRIAL	Public Damage	22	1,276	58
Oct-03	D-Line_Forced	10/2/03	5:02:00 PM	10/2/03	5:35:42 PM	425CV	CLEVELAND	Animal	4	376	94
Oct-03	D-Line_Forced	10/2/03	5:10:00 PM	10/2/03	6:24:56 PM	808PD	PEE DEE	Animal	2	68	34
Oct-03	D-Line_Forced	10/2/03	8:29:00 PM	10/2/03	9:01:17 PM	131VI	VIRGINIA	Animal	1	75	75
Oct-03	D-Line_Forced	10/2/03	9:34:00 PM	10/2/03	10:35:48 PM	506WR	WARREN	Lightning	8	256	32
Oct-03	D-Line_Forced	10/2/03	10:11:00 PM	10/2/03	11:45:20 PM	86WED	WEST END	Animal	2	188	62
Oct-03	D-Line_Forced	10/3/03	12:01:00 AM	10/3/03	1:05:51 AM	163VD	VIDOR	Equipment Failure	24	1,560	65
Oct-03	D-Line_Forced	10/3/03	5:33:00 AM	10/3/03	6:30:33 AM	452KT	KOUNTZE	Vegetation	3	171	57
Oct-03	D-Line_Forced	10/3/03	5:39:00 AM	10/3/03	7:40:21 AM	101BL	BLUE WATER	Animal	18	2,178	121
Oct-03	D-Line_Forced	10/3/03	7:28:00 AM	10/3/03	8:02:21 AM	86WED	WEST END	Animal	10	340	34

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/3/03	7:29:00 AM	10/3/03	8:07:39 AM	425CV	CLEVELAND	Animal	40	1,560	39
Oct-03	D-Line_Forced	10/3/03	7:45:00 AM	10/3/03	8:20:07 AM	513CN	CONAIR	Animal	40	1,400	35
Oct-03	D-Line_Forced	10/3/03	8:19:00 AM	10/3/03	9:00:27 AM	73RAY	RAYWOOD	Lightning	1	41	41
Oct-03	D-Line_Forced	10/3/03	8:32:00 AM	10/3/03	8:50:07 AM	324CO	CORDREY	Animal	4	72	18
Oct-03	D-Line_Forced	10/3/03	8:46:00 AM	10/3/03	9:05:50 AM	45PTN	PORT NECHES	Animal	4	80	20
Oct-03	D-Line_Forced	10/3/03	9:56:00 AM	10/3/03	12:10:46 PM	73RAY	RAYWOOD	Public Damage	5	675	135
Oct-03	D-Line_Forced	10/3/03	10:15:00 AM	10/3/03	12:15:31 PM	92CHI	CHINA	Public Damage	2	720	120
Oct-03	D-Line_Forced	10/3/03	10:25:00 AM	10/3/03	10:51:01 AM	477MD	MCDONALD	Animal	2	52	26
Oct-03	D-Line_Forced	10/3/03	11:34:00 AM	10/3/03	12:40:46 PM	744DA	DAISETTA	Public Damage	3	201	67
Oct-03	D-Line_Forced	10/3/03	12:07:00 PM	10/3/03	12:50:27 PM	360BD	BRIDGE CITY	Animal	3	129	43
Oct-03	D-Line_Forced	10/3/03	12:10:00 PM	10/3/03	1:07:58 PM	432KT	KOUNTZE BULK	Other	1	58	58
Oct-03	D-Line_Forced	10/3/03	12:13:00 PM	10/3/03	12:40:00 PM	562WD	WALDEN	Public Damage	40	1,080	27
Oct-03	D-Line_Forced	10/3/03	12:13:24 PM	10/3/03	12:28:18 PM	562WD	WALDEN	Public Damage	1,710	25,650	15
Oct-03	D-Line_Forced	10/3/03	12:31:00 PM	10/3/03	1:00:13 PM	671MA	MAYHAW	Animal	2	58	29
Oct-03	D-Line_Forced	10/3/03	1:07:00 PM	10/3/03	1:50:48 PM	905NA	NAVASOTA	Other	1	44	44
Oct-03	D-Line_Forced	10/3/03	1:16:00 PM	10/3/03	2:05:10 PM	594WD	WOODVILLE	Animal	12	568	49
Oct-03	D-Line_Forced	10/3/03	1:45:00 PM	10/3/03	2:10:19 PM	600HU	HUNTSVILLE	Animal	1	25	25
Oct-03	D-Line_Forced	10/3/03	2:26:00 PM	10/3/03	3:45:07 PM	21NOE	NORTH END	Equipment Failure	4	316	79
Oct-03	D-Line_Forced	10/3/03	2:44:00 PM	10/3/03	3:40:38 PM	269RV	RIVTRIN	Other	1	57	57
Oct-03	D-Line_Forced	10/3/03	3:13:00 PM	10/3/03	4:25:37 PM	432KT	KOUNTZE BULK	Equipment Failure	1	73	73
Oct-03	D-Line_Forced	10/3/03	3:42:00 PM	10/3/03	4:06:49 PM	326CO	CORDREY	Equipment Failure	7	175	25
Oct-03	D-Line_Forced	10/3/03	3:49:00 PM	10/3/03	5:18:11 PM	327CO	CORDREY	Equipment Failure	13	1,157	89
Oct-03	D-Line_Forced	10/3/03	4:22:00 PM	10/3/03	4:55:33 PM	327CO	CORDREY	Equipment Failure	42	1,386	33
Oct-03	D-Line_Forced	10/3/03	6:46:00 PM	10/3/03	7:20:50 PM	326CO	CORDREY	Animal	7	245	35
Oct-03	D-Line_Forced	10/3/03	7:06:00 PM	10/3/03	7:50:46 PM	309SP	SPLENDORA	Vegetation	3	135	45
Oct-03	D-Line_Forced	10/3/03	7:14:00 PM	10/3/03	8:21:33 PM	93CHI	CHINA	Animal	14	952	68
Oct-03	D-Line_Forced	10/3/03	7:30:00 PM	10/3/03	8:00:01 PM	133CE	CENTRAL	Animal	33	990	30
Oct-03	D-Line_Forced	10/3/03	10:31:00 PM	10/4/03	12:00:19 AM	611HU	HUNTSVILLE	Other	5	445	89
Oct-03	D-Line_Forced	10/3/03	11:03:00 PM	10/4/03	12:00:46 AM	591AP	APRIL	Animal	2	116	58
Oct-03	D-Line_Forced	10/4/03	3:48:00 AM	10/4/03	7:00:01 AM	261TR	TRINITY	Equipment Failure	6	1,152	192
Oct-03	D-Line_Forced	10/4/03	4:00:00 AM	10/4/03	5:00:18 AM	361BD	BRIDGE CITY	Animal	18	1,080	60
Oct-03	D-Line_Forced	10/4/03	6:18:00 AM	10/4/03	7:03:24 AM	81LAV	LAKEVIEW	Public Damage	1,339	60,255	45
Oct-03	D-Line_Forced	10/4/03	7:20:00 AM	10/4/03	7:55:45 AM	103CD	CROWDER	Animal	18	648	36
Oct-03	D-Line_Forced	10/4/03	7:33:00 AM	10/4/03	9:15:51 AM	141LV	LOVELLS LAKE	Animal	18	1,854	103
Oct-03	D-Line_Forced	10/4/03	9:20:00 AM	10/4/03	10:25:57 AM	519DO	DOBBIN	Animal	1	66	66
Oct-03	D-Line_Forced	10/4/03	9:58:00 AM	10/4/03	10:50:41 AM	92CHI	CHINA	Animal	4	212	53
Oct-03	D-Line_Forced	10/4/03	10:05:00 AM	10/4/03	10:50:46 AM	592WR	WARREN	Animal	1	46	46
Oct-03	D-Line_Forced	10/4/03	10:18:00 AM	10/4/03	12:00:47 PM	781EG	EASTGATE	Public Damage	1	103	103
Oct-03	D-Line_Forced	10/4/03	10:51:00 AM	10/4/03	12:20:28 PM	46PTN	PORT NECHES	Public Damage	35	3,115	89
Oct-03	D-Line_Forced	10/4/03	10:51:00 AM	10/4/03	1:51:10 PM	46PTN	PORT NECHES	Public Damage	2	360	180
Oct-03	D-Line_Forced	10/4/03	11:39:00 AM	10/4/03	1:00:14 PM	628TE	TEMCO	Vegetation	10	810	81
Oct-03	D-Line_Forced	10/4/03	12:12:00 PM	10/4/03	1:30:10 PM	31BRC	BRIARCLIFF	Equipment Failure	18	1,404	78
Oct-03	D-Line_Forced	10/4/03	12:36:00 PM	10/4/03	2:40:31 PM	23HKS	HANKS	Equipment Failure	1	196	196
Oct-03	D-Line_Forced	10/4/03	1:33:00 PM	10/4/03	2:15:15 PM	81LAV	FORT WORTH	Public Damage	6	744	124
Oct-03	D-Line_Forced	10/4/03	2:06:00 PM	10/4/03	3:00:53 PM	155BE	BEVIL	Equipment Failure	63	2,646	42
Oct-03	D-Line_Forced	10/4/03	3:26:00 PM	10/4/03	6:05:16 PM	155BE	BEVIL	Equipment Failure	15	825	55
Oct-03	D-Line_Forced	10/4/03	3:26:00 PM	10/4/03	6:05:22 PM	155BE	BEVIL	Equipment Failure	24	3,816	159
Oct-03	D-Line_Forced	10/4/03	3:27:00 PM	10/4/03	4:05:21 PM	326CO	CORDREY	Equipment Failure	5	795	159
Oct-03	D-Line_Forced	10/4/03	4:12:00 PM	10/4/03	6:25:03 PM	86WED	WEST END	Other	7	266	38
Oct-03	D-Line_Forced	10/4/03	4:33:00 PM	10/4/03	5:58:46 PM	405CV	CLEVELAND	Other	2	266	133
Oct-03	D-Line_Forced	10/4/03	4:33:00 PM	10/4/03	6:48:00 PM	405CV	CLEVELAND	Public Damage	770	66,220	86
Oct-03	D-Line_Forced	10/4/03	5:42:00 PM	10/4/03	6:10:04 PM	102CD	CROWDER	Public Damage	301	40,635	135
Oct-03	D-Line_Forced	10/4/03	6:53:00 PM	10/4/03	7:45:51 PM	580LM	LONGMIRE	Other	6	168	28
Oct-03	D-Line_Forced	10/4/03	7:03:00 PM	10/4/03	7:45:17 PM	6CAL	CALVERT	Vegetation	4	212	53
Oct-03	D-Line_Forced	10/4/03		10/4/03				Animal	4	168	42

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/4/03	8:43:00 PM	10/4/03	9:25:24 PM	905NA	NAVASOTA	Animal	17	714	42
Oct-03	D-Line_Forced	10/4/03	8:45:00 PM	10/4/03	9:32:19 PM	406CV	CLEVELAND	Public Damage	29	1,363	47
Oct-03	D-Line_Forced	10/4/03	10:12:00 PM	10/4/03	11:30:47 PM	426CV	CLEVELAND	Vegetation	19	1,501	79
Oct-03	D-Line_Forced	10/5/03	12:18:24 AM	10/5/03	4:00:30 AM	111MC	MCHALE	Public Damage	547	89,454	222
Oct-03	D-Line_Forced	10/5/03	4:28:00 AM	10/5/03	5:12:33 AM	104CD	CROWDER	Public Damage	82	3,608	44
Oct-03	D-Line_Forced	10/5/03	4:28:00 AM	10/5/03	6:00:12 AM	104CD	CROWDER	Public Damage	17	1,564	92
Oct-03	D-Line_Forced	10/5/03	7:43:00 AM	10/5/03	8:38:29 AM	982GR	GRIMES	Animal	6	330	55
Oct-03	D-Line_Forced	10/5/03	8:39:00 AM	10/5/03	9:46:39 AM	983GR	GRIMES	Animal	13	884	68
Oct-03	D-Line_Forced	10/5/03	8:40:00 AM	10/5/03	10:15:05 AM	681VI	VIWAY	Animal	4	380	95
Oct-03	D-Line_Forced	10/5/03	8:51:00 AM	10/5/03	10:17:00 AM	131CE	CENTRAL	Animal	15	450	30
Oct-03	D-Line_Forced	10/5/03	10:17:00 AM	10/5/03	11:10:57 AM	600HU	HUNTSVILLE	Vegetation	2	108	54
Oct-03	D-Line_Forced	10/5/03	10:22:00 AM	10/5/03	11:25:46 AM	240WS	WINSHIRE	Animal	1	64	64
Oct-03	D-Line_Forced	10/5/03	10:34:00 AM	10/5/03	11:05:56 AM	162VD	VIDOR	Animal	5	160	32
Oct-03	D-Line_Forced	10/5/03	10:56:00 AM	10/5/03	11:35:22 AM	102CD	CROWDER	Animal	23	897	39
Oct-03	D-Line_Forced	10/5/03	12:22:00 PM	10/5/03	12:50:42 PM	611HU	HUNTSVILLE	Other	5	145	29
Oct-03	D-Line_Forced	10/5/03	12:25:00 PM	10/5/03	2:30:38 PM	742OK	OAK RIDGE	Other	2	252	126
Oct-03	D-Line_Forced	10/5/03	2:25:00 PM	10/5/03	4:00:48 PM	335NC	NEW CANEY	Public Damage	61	5,856	96
Oct-03	D-Line_Forced	10/5/03	2:51:00 PM	10/5/03	5:30:51 PM	582LM	LONGMIRE	Equipment Failure	1	160	160
Oct-03	D-Line_Forced	10/5/03	3:28:00 PM	10/5/03	4:30:40 PM	86WED	WEST END	Equipment Failure	2	126	63
Oct-03	D-Line_Forced	10/5/03	3:49:00 PM	10/5/03	4:30:18 PM	304NC	NEW CANEY	Public Damage	25	1,025	41
Oct-03	D-Line_Forced	10/5/03	3:56:00 PM	10/5/03	4:50:21 PM	81LAV	LAKEVIEW	Other	136	7,344	54
Oct-03	D-Line_Forced	10/5/03	5:06:00 PM	10/5/03	6:15:05 PM	6CAL	CALVERT	Lightning	1	69	69
Oct-03	D-Line_Forced	10/5/03	5:12:00 PM	10/5/03	6:15:20 PM	599TA	TAMINA	Vegetation	2	126	63
Oct-03	D-Line_Forced	10/5/03	5:22:00 PM	10/5/03	6:35:46 PM	6CAL	CALVERT	Lightning	1	74	74
Oct-03	D-Line_Forced	10/5/03	5:24:00 PM	10/5/03	11:20:45 PM	36TSC	TESCO	Lightning	71	25,347	357
Oct-03	D-Line_Forced	10/5/03	6:13:00 PM	10/5/03	6:53:15 PM	326CO	CORDREY	Animal	35	1,400	40
Oct-03	D-Line_Forced	10/5/03	6:13:00 PM	10/5/03	7:25:52 PM	627TE	TEMCO	Equipment Failure	10	730	73
Oct-03	D-Line_Forced	10/5/03	6:24:00 PM	10/5/03	7:20:20 PM	73RAY	RAYWOOD	Public Damage	6	336	56
Oct-03	D-Line_Forced	10/5/03	6:44:00 PM	10/5/03	7:45:33 PM	25HRN	HEARNE	Lightning	93	5,673	61
Oct-03	D-Line_Forced	10/5/03	7:00:00 PM	10/5/03	7:25:14 PM	905NA	NAVASOTA	Vegetation	859	21,475	25
Oct-03	D-Line_Forced	10/5/03	7:00:00 PM	10/5/03	10:20:45 PM	969NA	NAVASOTA	Lightning	2	402	201
Oct-03	D-Line_Forced	10/5/03	7:01:00 PM	10/5/03	7:40:19 PM	426CV	CLEVELAND	Other	17	663	39
Oct-03	D-Line_Forced	10/5/03	7:18:00 PM	10/5/03	5:20:43 AM	920DO	DOBBIN	Vegetation	4	2,412	603
Oct-03	D-Line_Forced	10/5/03	7:22:00 PM	10/5/03	12:45:56 AM	920DO	DOBBIN	Vegetation	52	16,796	323
Oct-03	D-Line_Forced	10/5/03	7:22:00 PM	10/5/03	1:50:24 AM	920DO	DOBBIN	Vegetation	22	8,536	388
Oct-03	D-Line_Forced	10/5/03	7:29:00 PM	10/5/03	9:25:44 PM	905NA	NAVASOTA	Vegetation	746	87,282	117
Oct-03	D-Line_Forced	10/5/03	7:31:00 PM	10/5/03	11:45:00 PM	920DO	DOBBIN	Vegetation	15	25,410	1,694
Oct-03	D-Line_Forced	10/5/03	7:43:00 PM	10/5/03	9:30:34 PM	138CI	CALDWELL INDUSTRIAL	Lightning	70	7,490	107
Oct-03	D-Line_Forced	10/5/03	7:47:00 PM	10/5/03	5:20:21 AM	920DO	DOBBIN	Vegetation	98	56,154	573
Oct-03	D-Line_Forced	10/5/03	7:57:00 PM	10/5/03	8:05:24 PM	905NA	NAVASOTA	Vegetation	859	6,872	8
Oct-03	D-Line_Forced	10/5/03	8:48:00 PM	10/5/03	10:40:39 PM	507CN	CONROE BULK	Lightning	7	791	113
Oct-03	D-Line_Forced	10/5/03	9:00:00 PM	10/5/03	10:00:23 PM	545PL	PLANTATION	Lightning	64	3,840	60
Oct-03	D-Line_Forced	10/5/03	9:00:00 PM	10/5/03	10:15:39 PM	598TA	TAMINA	Lightning	101	7,676	76
Oct-03	D-Line_Forced	10/5/03	9:05:00 PM	10/5/03	10:05:38 PM	512CN	CONAIR	Vegetation	3	183	61
Oct-03	D-Line_Forced	10/5/03	9:06:00 PM	10/5/03	10:50:58 PM	546PL	PLANTATION	Lightning	83	8,715	105
Oct-03	D-Line_Forced	10/5/03	9:25:00 PM	10/5/03	5:20:42 AM	920DO	DOBBIN	Vegetation	94	44,744	476
Oct-03	D-Line_Forced	10/5/03	9:37:00 PM	10/5/03	12:00:09 AM	336NC	NEW CANEY	Lightning	1,367	195,481	143
Oct-03	D-Line_Forced	10/5/03	9:40:00 PM	10/5/03	1:10:35 AM	333NC	NEW CANEY	Lightning	1	211	211
Oct-03	D-Line_Forced	10/5/03	9:50:00 PM	10/5/03	12:55:14 AM	320AP	APOLLO	Lightning	15	2,775	185
Oct-03	D-Line_Forced	10/5/03	9:52:00 PM	10/5/03	10:40:10 PM	545PL	PLANTATION	Lightning	1	48	48
Oct-03	D-Line_Forced	10/5/03	11:06:00 PM	10/5/03	12:50:34 AM	610HU	HUNTSVILLE	Vegetation	1	105	105
Oct-03	D-Line_Forced	10/6/03	12:04:00 AM	10/6/03	1:30:36 AM	920DO	DOBBIN	Vegetation	54	4,698	87
Oct-03	D-Line_Forced	10/6/03	2:33:00 AM	10/6/03	4:00:59 AM	611HU	HUNTSVILLE	Vegetation	12	1,056	88
Oct-03	D-Line_Forced	10/6/03	2:38:00 AM	10/6/03	3:15:05 AM	920DO	DOBBIN	Other	62	2,294	37
Oct-03	D-Line_Forced	10/6/03	3:59:00 AM	10/6/03	5:15:19 AM	333NC	NEW CANEY	Equipment Failure	122	9,272	76

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/6/03	4:45:00 AM	10/6/03	6:00:40 AM	920DO	DOBBIN	Other	3	228	76
Oct-03	D-Line_Forced	10/6/03	5:30:00 AM	10/6/03	6:30:02 AM	920DO	DOBBIN	Vegetation	4	240	60
Oct-03	D-Line_Forced	10/6/03	5:45:00 AM	10/6/03	4:20:49 PM	920DO	DOBBIN	Vegetation	4	2,544	636
Oct-03	D-Line_Forced	10/6/03	6:56:00 AM	10/6/03	10:30:04 AM	545PL	PLANTATION	Equipment Failure	2	428	214
Oct-03	D-Line_Forced	10/6/03	7:03:00 AM	10/6/03	7:50:14 AM	327CO	CORDREY	Equipment Failure	1	47	47
Oct-03	D-Line_Forced	10/6/03	7:24:00 AM	10/6/03	9:55:39 AM	320AP	APOLLO	Equipment Failure	3	456	152
Oct-03	D-Line_Forced	10/6/03	7:30:00 AM	10/6/03	10:50:00 AM	920DO	DOBBIN	Vegetation	4	800	200
Oct-03	D-Line_Forced	10/6/03	7:38:00 AM	10/6/03	8:35:30 AM	743DA	DAISETTA	Lightning	2	114	57
Oct-03	D-Line_Forced	10/6/03	7:43:00 AM	10/6/03	8:26:28 PM	920DO	DOBBIN	Equipment Failure	1	763	763
Oct-03	D-Line_Forced	10/6/03	7:43:00 AM	10/7/03	12:24:00 PM	920DO	DOBBIN	Equipment Failure	2	3,442	1,721
Oct-03	D-Line_Forced	10/6/03	8:01:00 AM	10/6/03	10:10:28 AM	920DO	DOBBIN	Vegetation	2	258	129
Oct-03	D-Line_Forced	10/6/03	8:10:00 AM	10/6/03	9:10:15 AM	110MC	MCHALE	Animal	8	480	60
Oct-03	D-Line_Forced	10/6/03	8:26:00 AM	10/6/03	9:35:53 AM	25HRN	HEARNE	Lightning	6	420	70
Oct-03	D-Line_Forced	10/6/03	8:47:00 AM	10/6/03	10:30:58 AM	13BEK	BREKOS	Lightning	21	2,184	104
Oct-03	D-Line_Forced	10/6/03	8:55:00 AM	10/6/03	10:33:54 AM	13BEK	BREKOS	Lightning	2	198	99
Oct-03	D-Line_Forced	10/6/03	9:35:00 AM	10/6/03	10:30:05 AM	514CN	CONAIR	Other	1	55	55
Oct-03	D-Line_Forced	10/6/03	9:37:00 AM	10/6/03	3:00:35 PM	920DO	DOBBIN	Vegetation	1	324	324
Oct-03	D-Line_Forced	10/6/03	9:47:00 AM	10/6/03	10:50:48 AM	463SI	SILSBEE	Equipment Failure	1	64	64
Oct-03	D-Line_Forced	10/6/03	9:50:00 AM	10/6/03	10:20:46 AM	545PL	PLANTATION	Equipment Failure	2	62	31
Oct-03	D-Line_Forced	10/6/03	9:54:00 AM	10/6/03	11:30:26 AM	6CAL	CALVERT	Equipment Failure	1	96	96
Oct-03	D-Line_Forced	10/6/03	10:09:00 AM	10/6/03	10:50:31 AM	406CV	CLEVELAND	Animal	84	3,444	41
Oct-03	D-Line_Forced	10/6/03	10:47:00 AM	10/6/03	11:45:45 AM	808PD	PEE DEE	Lightning	2	118	59
Oct-03	D-Line_Forced	10/6/03	10:55:00 AM	10/6/03	1:13:00 PM	4CAL	CALVERT	Lightning	12	1,656	138
Oct-03	D-Line_Forced	10/6/03	11:12:00 AM	10/6/03	12:05:54 PM	567CR	CRYSTAL	Animal	1	54	54
Oct-03	D-Line_Forced	10/6/03	11:21:00 AM	10/6/03	11:50:22 AM	136TG	TANGLEWOOD	Vegetation	4	116	29
Oct-03	D-Line_Forced	10/6/03	12:05:00 PM	10/6/03	12:45:15 PM	811PD	PEE DEE	Lightning	70	2,800	40
Oct-03	D-Line_Forced	10/6/03	12:13:00 PM	10/6/03	4:05:30 PM	13BEK	BREKOS	Equipment Failure	3	696	232
Oct-03	D-Line_Forced	10/6/03	12:32:00 PM	10/6/03	2:30:06 PM	363BD	BRIDGE CITY	Equipment Failure	1	133	133
Oct-03	D-Line_Forced	10/6/03	12:44:00 PM	10/6/03	1:08:19 PM	724DY	DAYTON BULK	Lightning	1	36	36
Oct-03	D-Line_Forced	10/6/03	12:52:00 PM	10/6/03	1:50:46 PM	22YAN	YANKEE DOODLE	Equipment Failure	5	395	79
Oct-03	D-Line_Forced	10/6/03	12:49:00 PM	10/6/03	1:31:28 PM	462SI	SILSBEE	Animal	24	1,128	47
Oct-03	D-Line_Forced	10/6/03	1:15:00 PM	10/6/03	2:00:52 PM	320AP	APOLLO	Other	47	3,384	72
Oct-03	D-Line_Forced	10/6/03	1:26:00 PM	10/6/03	1:24:13 PM	32BRC	BRIARCLIFF	Equipment Failure	1	9	9
Oct-03	D-Line_Forced	10/6/03	1:32:00 PM	10/6/03	2:14:37 PM	363BD	BRIDGE CITY	Equipment Failure	1	49	49
Oct-03	D-Line_Forced	10/6/03	1:33:00 PM	10/6/03	2:08:00 PM	37TYR	TYRRELL	Equipment Failure	24	864	36
Oct-03	D-Line_Forced	10/6/03	1:33:00 PM	10/6/03	3:00:16 PM	538LA	LACON	Equipment Failure	56	4,872	87
Oct-03	D-Line_Forced	10/6/03	1:33:00 PM	10/6/03	4:00:00 PM	538LA	LACON	Equipment Failure	69	10,143	147
Oct-03	D-Line_Forced	10/6/03	1:35:00 PM	10/6/03	7:05:00 PM	538LA	LACON	Equipment Failure	2	664	332
Oct-03	D-Line_Forced	10/6/03	2:09:00 PM	10/6/03	3:40:15 PM	920DO	DOBBIN	Lightning	1	125	125
Oct-03	D-Line_Forced	10/6/03	2:20:00 PM	10/6/03	2:44:36 PM	406CV	CLEVELAND	Animal	3	108	36
Oct-03	D-Line_Forced	10/6/03	2:29:00 PM	10/6/03	3:30:31 PM	809PD	PEE DEE	Lightning	1	67	67
Oct-03	D-Line_Forced	10/6/03	2:29:00 PM	10/6/03	5:22:00 PM	160CH	CHEEK	Equipment Failure	1	70	70
Oct-03	D-Line_Forced	10/6/03	2:29:00 PM	10/6/03	9:30:00 PM	13BEK	BREKOS	Lightning	3	519	173
Oct-03	D-Line_Forced	10/6/03	2:49:06 PM	10/6/03	7:08:00 PM	53FTW	FORT WORTH	Lightning	2	842	421
Oct-03	D-Line_Forced	10/6/03	2:55:00 PM	10/6/03	3:25:59 PM	682VI	VIWAY	Equipment Failure	10	2,590	259
Oct-03	D-Line_Forced	10/6/03	3:14:00 PM	10/6/03	10:50:33 PM	25HRN	HEARNE	Lightning	2	62	31
Oct-03	D-Line_Forced	10/6/03	3:29:00 PM	10/6/03	3:41:42 PM	682VI	VIWAY	Vegetation	4	1,824	456
Oct-03	D-Line_Forced	10/6/03	3:36:00 PM	10/6/03	5:45:29 PM	351ON	ORANGE	Lightning	2	26	13
Oct-03	D-Line_Forced	10/6/03	3:41:00 PM	10/6/03	5:00:51 PM	326CO	CORDREY	Vegetation	109	14,061	129
Oct-03	D-Line_Forced	10/6/03	3:45:00 PM	10/6/03	4:12:33 PM	326CO	CORDREY	Equipment Failure	36	2,880	80
Oct-03	D-Line_Forced	10/6/03	3:51:00 PM	10/6/03	4:05:59 PM	326CO	CORDREY	Vegetation	13	364	28
Oct-03	D-Line_Forced	10/6/03	3:56:00 PM	10/6/03	4:35:16 PM	326CO	CORDREY	Vegetation	16	240	15
Oct-03	D-Line_Forced	10/6/03	4:06:00 PM	10/6/03	4:35:00 PM	132CE	CENTRAL	Vegetation	16	624	39
Oct-03	D-Line_Forced	10/6/03	4:09:00 PM	10/6/03	4:18:35 PM	326CO	CORDREY	Lightning	17	2,233	29
Oct-03	D-Line_Forced	10/6/03		10/6/03				Lightning	17	170	10

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/6/03	4:14:00 PM	10/6/03	5:10:17 PM	98SPU	SPURLOCK	Vegetation	27	1,512	56
Oct-03	D-Line_Forced	10/6/03	4:18:00 PM	10/6/03	5:40:04 PM	330AD	ADAMS BAYOU	Lightning	11	902	82
Oct-03	D-Line_Forced	10/6/03	4:19:00 PM	10/6/03	4:47:00 PM	608HU	HUNTSVILLE	Other	37	1,036	28
Oct-03	D-Line_Forced	10/6/03	4:48:00 PM	10/6/03	7:00:56 PM	546PL	PLANTATION	Vegetation	2	266	133
Oct-03	D-Line_Forced	10/6/03	4:50:00 PM	10/6/03	8:22:55 PM	92STG	STONEGATE	Lightning	33	7,029	213
Oct-03	D-Line_Forced	10/6/03	4:53:00 PM	10/6/03	5:50:14 PM	17LOB	LOB	Lightning	1	57	57
Oct-03	D-Line_Forced	10/6/03	4:53:00 PM	10/6/03	6:00:36 PM	114DR	DOORMAN	Lightning	4	272	68
Oct-03	D-Line_Forced	10/6/03	4:55:00 PM	10/6/03	6:00:58 PM	352ON	ORANGE	Equipment Failure	4	264	66
Oct-03	D-Line_Forced	10/6/03	5:02:00 PM	10/6/03	6:30:02 PM	711MG	MAGNOLIA AMES	Vegetation	2	176	88
Oct-03	D-Line_Forced	10/6/03	5:06:00 PM	10/6/03	5:45:54 PM	741DA	DAISETTA	Public Damage	2	80	40
Oct-03	D-Line_Forced	10/6/03	5:12:00 PM	10/6/03	5:40:45 PM	352ON	ORANGE	Lightning	17	493	29
Oct-03	D-Line_Forced	10/6/03	5:16:00 PM	10/6/03	10:27:01 PM	132CE	CENTRAL	Equipment Failure	77	23,947	311
Oct-03	D-Line_Forced	10/6/03	5:18:00 PM	10/6/03	6:10:52 PM	726DY	DAYTON BULK	Equipment Failure	40	2,120	53
Oct-03	D-Line_Forced	10/6/03	5:56:00 PM	10/6/03	6:34:54 PM	176PR	PARKDALE	Equipment Failure	1	39	39
Oct-03	D-Line_Forced	10/6/03	6:00:00 PM	10/6/03	7:24:33 PM	340WN	WINFREE	Equipment Failure	1	85	85
Oct-03	D-Line_Forced	10/6/03	6:21:00 PM	10/6/03	7:18:52 PM	478MD	MCDONALD	Vegetation	14	812	58
Oct-03	D-Line_Forced	10/6/03	6:37:00 PM	10/6/03	7:20:09 PM	98SPU	SPURLOCK	Lightning	3	129	43
Oct-03	D-Line_Forced	10/6/03	7:01:00 PM	10/6/03	8:50:22 PM	342WN	WINFREE	Animal	1	109	109
Oct-03	D-Line_Forced	10/6/03	7:19:00 PM	10/6/03	9:00:00 PM	333NC	NEW CANEY	Vegetation	6	606	101
Oct-03	D-Line_Forced	10/6/03	8:02:00 PM	10/6/03	11:05:00 PM	136TG	TANGLEWOOD	Equipment Failure	5	915	183
Oct-03	D-Line_Forced	10/6/03	8:02:00 PM	10/6/03	11:10:39 PM	136TG	TANGLEWOOD	Equipment Failure	25	4,725	189
Oct-03	D-Line_Forced	10/6/03	9:11:00 PM	10/6/03	10:45:58 PM	333NC	NEW CANEY	Public Damage	1	95	95
Oct-03	D-Line_Forced	10/6/03	10:02:00 PM	10/6/03	10:58:04 PM	162VD	VIDOR	Vegetation	682	38,192	56
Oct-03	D-Line_Forced	10/6/03	10:02:00 PM	10/6/03	11:44:00 PM	162VD	VIDOR	Vegetation	213	21,726	102
Oct-03	D-Line_Forced	10/6/03	11:45:00 PM	10/7/03	1:10:20 AM	309SP	SPLENDORA	Vegetation	5	425	85
Oct-03	D-Line_Forced	10/6/03	11:51:00 PM	10/7/03	1:05:45 AM	743OK	OAK RIDGE	Vegetation	28	2,100	75
Oct-03	D-Line_Forced	10/7/03	2:11:00 AM	10/7/03	12:01:47 PM	88WED	WEST END	Equipment Failure	7	4,130	590
Oct-03	D-Line_Forced	10/7/03	5:31:00 AM	10/7/03	7:00:23 AM	333NC	NEW CANEY	Other	83	7,387	89
Oct-03	D-Line_Forced	10/7/03	5:34:00 AM	10/7/03	7:03:59 AM	7FKL	FRANKLIN	Equipment Failure	8	720	90
Oct-03	D-Line_Forced	10/7/03	5:59:00 AM	10/7/03	8:20:36 AM	13BEK	BREKOS	Other	2	294	147
Oct-03	D-Line_Forced	10/7/03	6:05:00 AM	10/7/03	8:20:09 AM	13BEK	BREKOS	Other	1	141	141
Oct-03	D-Line_Forced	10/7/03	6:50:00 AM	10/7/03	9:10:31 AM	334NC	NCY	Vegetation	3	555	185
Oct-03	D-Line_Forced	10/7/03	8:29:00 AM	10/7/03	7:47:49 AM	13BEK	BREKOS	Other	8	464	58
Oct-03	D-Line_Forced	10/7/03	8:41:00 AM	10/7/03	10:05:22 AM	213BA	BAYSHORE	Other	1	96	96
Oct-03	D-Line_Forced	10/7/03	9:05:00 AM	10/7/03	10:05:15 AM	764AL	Alden Bridge	Human Error	60	5,040	84
Oct-03	D-Line_Forced	10/7/03	9:08:00 AM	10/7/03	10:05:18 AM	425CV	CLEVELAND	Vegetation	7	420	60
Oct-03	D-Line_Forced	10/7/03	9:22:00 AM	10/7/03	10:00:10 AM	350ON	ORANGE	Equipment Failure	7	52	52
Oct-03	D-Line_Forced	10/7/03	9:29:00 AM	10/7/03	11:20:42 AM	29HRN	HEARNE	Lightning	2	238	119
Oct-03	D-Line_Forced	10/7/03	9:47:00 AM	10/7/03	10:30:47 AM	111WS	WESTSIDE	Equipment Failure	5	310	62
Oct-03	D-Line_Forced	10/7/03	12:45:00 PM	10/7/03	10:54:23 AM	86WED	WEST END	Animal	6	402	67
Oct-03	D-Line_Forced	10/7/03	1:08:00 PM	10/7/03	12:00:14 PM	969NA	NAVASOTA	Animal	8	488	61
Oct-03	D-Line_Forced	10/7/03	1:16:00 PM	10/7/03	2:30:37 PM	536SH	SHEAWILL	Public Damage	3	318	106
Oct-03	D-Line_Forced	10/7/03	1:55:00 PM	10/7/03	1:42:40 PM	363BD	BRIDGE CITY	Animal	15	525	35
Oct-03	D-Line_Forced	10/7/03	3:40:00 PM	10/7/03	2:00:35 PM	537LA	LACON	Other	3	132	44
Oct-03	D-Line_Forced	10/7/03	3:40:00 PM	10/7/03	2:43:17 PM	308SP	SPLENDORA	Equipment Failure	22	1,056	48
Oct-03	D-Line_Forced	10/7/03	3:40:00 PM	10/7/03	3:55:11 PM	304NC	SPLENDORA	Equipment Failure	1	56	56
Oct-03	D-Line_Forced	10/7/03	3:45:00 PM	10/7/03	4:05:48 PM	304NC	NEW CANEY	Human Error	27	702	26
Oct-03	D-Line_Forced	10/7/03	3:50:00 PM	10/7/03	4:38:14 PM	71TECH	ECHO	Equipment Failure	52	2,756	53
Oct-03	D-Line_Forced	10/7/03	3:50:00 PM	10/7/03	6:55:50 PM	6CAL	CALVERT	Lightning	1	186	186
Oct-03	D-Line_Forced	10/7/03	4:10:00 PM	10/7/03	6:20:09 PM	155BE	BEVIL	Equipment Failure	7	910	130
Oct-03	D-Line_Forced	10/7/03	4:30:00 PM	10/7/03	6:15:27 PM	513CN	CONAIR	Public Damage	2	210	105
Oct-03	D-Line_Forced	10/7/03	5:20:00 PM	10/7/03	6:44:35 PM	920DO	DOBBIN	Equipment Failure	1	85	85
Oct-03	D-Line_Forced	10/7/03	5:22:00 PM	10/7/03	7:00:57 PM	102CC	CROWDER	Animal	3	287	99
Oct-03	D-Line_Forced	10/7/03	5:58:00 PM	10/7/03	6:30:34 PM	30BRC	BRC	Animal	302	9,966	33
Oct-03	D-Line_Forced	10/7/03	6:15:00 PM	10/7/03	7:00:06 PM	432KT	KOUNTZE BULK	Other	1	45	45

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/7/03	6:34:00 PM	10/7/03	7:15:06 PM	539LA	LACON	Animal	107	4,387	41
Oct-03	D-Line_Forced	10/7/03	6:57:00 PM	10/7/03	8:30:35 PM	21NOE	NORTH END	Equipment Failure	1	93	93
Oct-03	D-Line_Forced	10/7/03	8:11:00 PM	10/7/03	9:10:52 PM	342WN	WINFREE	Lightning	1	60	60
Oct-03	D-Line_Forced	10/8/03	12:12:00 AM	10/8/03	3:30:03 AM	13BEK	BREKOS	Equipment Failure	8	1,584	198
Oct-03	D-Line_Forced	10/8/03	12:12:00 AM	10/8/03	7:35:35 AM	13BEK	BREKOS	Equipment Failure	11	4,884	444
Oct-03	D-Line_Forced	10/8/03	3:00:00 AM	10/8/03	4:03:54 AM	406CV	CLEVELAND	Vegetation	1	64	64
Oct-03	D-Line_Forced	10/8/03	6:42:00 AM	10/8/03	7:17:35 AM	462SI	SILSBEE	Equipment Failure	1	36	36
Oct-03	D-Line_Forced	10/8/03	7:26:00 AM	10/8/03	8:00:26 AM	341WN	WINFREE	Animal	38	1,292	34
Oct-03	D-Line_Forced	10/8/03	8:02:00 AM	10/8/03	8:40:59 AM	363BD	BRIDGE CITY	Equipment Failure	1	39	39
Oct-03	D-Line_Forced	10/8/03	8:40:00 AM	10/8/03	9:08:38 AM	114DR	DORMAN	Animal	7	203	29
Oct-03	D-Line_Forced	10/8/03	8:47:00 AM	10/8/03	9:39:13 AM	13BEK	BREKOS	Lightning	1	52	52
Oct-03	D-Line_Forced	10/8/03	9:24:00 AM	10/8/03	10:40:24 AM	574CN	CONROE BULK	Vegetation	3	111	37
Oct-03	D-Line_Forced	10/8/03	10:08:00 AM	10/8/03	10:45:34 AM	588TA	TAMINA	Vegetation	1	95	95
Oct-03	D-Line_Forced	10/8/03	10:10:00 AM	10/8/03	11:44:39 AM	232ST	STOWELL	Animal	6	144	24
Oct-03	D-Line_Forced	10/8/03	10:47:00 AM	10/8/03	11:10:55 AM	304NC	NEW CANEY	Public Damage	1	67	67
Oct-03	D-Line_Forced	10/8/03	11:23:00 AM	10/8/03	12:30:30 PM	32BRC	BRIARCLIFF	Public Damage	7	511	73
Oct-03	D-Line_Forced	10/8/03	11:43:00 AM	10/8/03	12:55:59 PM	147PR	PRAIRIE	Vegetation	3	195	65
Oct-03	D-Line_Forced	10/8/03	11:55:00 AM	10/8/03	1:00:01 PM	432KT	KOUNTZE BULK	Vegetation	2	60	30
Oct-03	D-Line_Forced	10/8/03	11:59:00 AM	10/8/03	12:29:16 PM	104CD	CROWDER	Animal	101	4,444	44
Oct-03	D-Line_Forced	10/8/03	12:31:00 PM	10/8/03	1:15:20 PM	155BE	BEVIL	Animal	1	112	112
Oct-03	D-Line_Forced	10/8/03	12:38:00 PM	10/8/03	2:30:01 PM	335NC	NEW CANEY	Lightning	1	361	361
Oct-03	D-Line_Forced	10/8/03	12:39:00 PM	10/8/03	6:40:22 PM	808PD	PEE DEE	Public Damage	5	295	59
Oct-03	D-Line_Forced	10/8/03	12:41:00 PM	10/8/03	1:40:09 PM	711MG	MAGNOLIA AMES	Animal	1	26	26
Oct-03	D-Line_Forced	10/8/03	1:54:00 PM	10/8/03	2:20:33 PM	6CAL	CALVERT	Lightning	5	140	28
Oct-03	D-Line_Forced	10/8/03	1:54:00 PM	10/8/03	2:21:42 PM	466FL	FLETCHER	Other	3	282	94
Oct-03	D-Line_Forced	10/8/03	2:23:00 PM	10/8/03	3:57:17 PM	114DR	DORMAN	Public Damage	5	290	58
Oct-03	D-Line_Forced	10/8/03	3:12:00 PM	10/8/03	4:10:18 PM	23YAN	YANKEE DOODLE	Equipment Failure	1	188	188
Oct-03	D-Line_Forced	10/8/03	4:02:00 PM	10/8/03	7:10:04 PM	566CR	CRYSTAL	Equipment Failure	2	42	21
Oct-03	D-Line_Forced	10/8/03	4:40:00 PM	10/8/03	5:00:53 PM	808PD	PEE DEE	Public Damage	1	147	147
Oct-03	D-Line_Forced	10/8/03	5:04:00 PM	10/8/03	7:30:59 PM	308SP	SPLENDORA	Vegetation	3	216	72
Oct-03	D-Line_Forced	10/8/03	5:18:00 PM	10/8/03	6:30:34 PM	570DC	DOUCETTE	Vegetation	21	1,953	93
Oct-03	D-Line_Forced	10/8/03	7:03:00 PM	10/8/03	8:35:55 PM	611HU	HUNTSVILLE	Vegetation	6	630	105
Oct-03	D-Line_Forced	10/8/03	7:31:00 PM	10/8/03	9:15:59 PM	536SH	SHEAWILL	Equipment Failure	11	737	67
Oct-03	D-Line_Forced	10/9/03	12:53:00 AM	10/9/03	2:00:04 AM	592WR	WARREN	Vegetation	15	1,275	85
Oct-03	D-Line_Forced	10/9/03	3:35:00 AM	10/9/03	5:00:00 AM	592AP	APRIL	Equipment Failure	9	1,035	115
Oct-03	D-Line_Forced	10/9/03	3:35:00 AM	10/9/03	5:30:00 AM	592AP	APRIL	Equipment Failure	32	5,344	167
Oct-03	D-Line_Forced	10/9/03	8:13:00 AM	10/9/03	11:00:28 AM	30BRC	SANDY SHORES	Vegetation	98	13,230	135
Oct-03	D-Line_Forced	10/9/03	8:36:00 AM	10/9/03	10:51:29 AM	202SD	CHEEK	Animal	1	97	97
Oct-03	D-Line_Forced	10/9/03	8:52:00 AM	10/9/03	10:28:45 AM	781EG	EASTGATE	Equipment Failure	1	37	37
Oct-03	D-Line_Forced	10/9/03	8:53:00 AM	10/9/03	9:30:29 AM	30BRC	BRC	Vegetation	16	1,600	100
Oct-03	D-Line_Forced	10/9/03	9:20:00 AM	10/9/03	11:00:00 AM	982GR	GRIMES	Lightning	1	107	107
Oct-03	D-Line_Forced	10/9/03	9:33:00 AM	10/9/03	11:20:25 AM	202SD	SANDY SHORES	Animal	419	3,352	8
Oct-03	D-Line_Forced	10/9/03	9:34:00 AM	10/9/03	9:41:56 AM	336NC	NEW CANEY	Vegetation	10	390	39
Oct-03	D-Line_Forced	10/9/03	10:57:00 AM	10/9/03	11:36:31 AM	73RAY	RAYWOOD	Other	490	192,080	392
Oct-03	D-Line_Forced	10/9/03	11:42:00 AM	10/9/03	6:13:42 PM	127SO	SOMERVILLE	Animal	9	189	63
Oct-03	D-Line_Forced	10/9/03	12:12:00 PM	10/9/03	1:15:17 PM	334NC	NCY	Vegetation	1	52	52
Oct-03	D-Line_Forced	10/9/03	12:14:00 PM	10/9/03	1:05:47 PM	213BA	BAYSHORE	Equipment Failure	19	1,102	58
Oct-03	D-Line_Forced	10/9/03	1:06:00 PM	10/9/03	2:05:57 PM	545PL	FLANTATION	Equipment Failure	5	985	197
Oct-03	D-Line_Forced	10/9/03	1:17:00 PM	10/9/03	4:34:34 PM	457FL	FLETCHER	Vegetation	2	72	36
Oct-03	D-Line_Forced	10/9/03	1:37:00 PM	10/9/03	2:12:56 PM	883GR	GRIMES	Other	82	3,328	104
Oct-03	D-Line_Forced	10/9/03	1:46:00 PM	10/9/03	3:30:17 PM	925TG	STONEGATE	Vegetation	33	1,155	35
Oct-03	D-Line_Forced	10/9/03	2:01:00 PM	10/9/03	2:55:34 PM	182AM	AMELIA BULK	Lightning	1	79	79
Oct-03	D-Line_Forced	10/9/03	2:12:00 PM	10/9/03	3:30:59 PM	4CAL	CALVERT	Animal	30	3,960	132
Oct-03	D-Line_Forced	10/9/03	2:13:00 PM	10/9/03	4:25:17 PM	92CHI	CHINA	Lightning	1	62	62
Oct-03	D-Line_Forced	10/9/03	2:16:00 PM	10/9/03	3:17:52 PM						



Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/9/03	2:17:00 PM	10/9/03	3:17:36 PM	159CH	CHEEK	Vegetation	1	60	60
Oct-03	D-Line_Forced	10/9/03	2:18:00 PM	10/9/03	10:20:08 PM	53BAT	BATSON	Lightning	24	11,568	482
Oct-03	D-Line_Forced	10/9/03	2:19:00 PM	10/9/03	7:15:00 PM	74RAY	RAYWOOD	Lightning	2	592	296
Oct-03	D-Line_Forced	10/9/03	2:45:00 PM	10/9/03	7:25:52 PM	53BAT	BATSON	Vegetation	36	10,116	281
Oct-03	D-Line_Forced	10/9/03	2:54:00 PM	10/9/03	3:58:21 PM	425CV	CLEVELAND	Vegetation	1	64	64
Oct-03	D-Line_Forced	10/9/03	2:57:00 PM	10/9/03	4:34:53 PM	456FL	FLETCHER	Equipment Failure	2	196	98
Oct-03	D-Line_Forced	10/9/03	3:13:00 PM	10/9/03	4:12:43 PM	22HKS	HANKS	Vegetation	60	3,600	60
Oct-03	D-Line_Forced	10/9/03	3:24:00 PM	10/9/03	4:00:01 PM	232ST	STOWELL	Animal	3	108	36
Oct-03	D-Line_Forced	10/9/03	3:28:00 PM	10/9/03	6:35:28 PM	462SI	SILSBEE	Equipment Failure	15	2,805	187
Oct-03	D-Line_Forced	10/9/03	3:50:00 PM	10/9/03	5:43:11 PM	506WR	WARREN	Vegetation	1	113	113
Oct-03	D-Line_Forced	10/9/03	3:51:00 PM	10/9/03	9:25:50 PM	141LV	LOVELLS LAKE	Equipment Failure	2	670	335
Oct-03	D-Line_Forced	10/9/03	4:04:00 PM	10/9/03	5:24:34 PM	161VD	VIDOR	Vegetation	9	720	80
Oct-03	D-Line_Forced	10/9/03	4:11:00 PM	10/9/03	5:06:38 PM	457FL	FLETCHER	Vegetation	52	2,912	56
Oct-03	D-Line_Forced	10/9/03	4:20:00 PM	10/9/03	5:10:34 PM	969NA	NAVASOTA	Lightning	8	408	51
Oct-03	D-Line_Forced	10/9/03	5:04:00 PM	10/9/03	5:52:19 PM	93CHI	CHINA	Vegetation	3	144	48
Oct-03	D-Line_Forced	10/9/03	5:09:00 PM	10/9/03	6:15:08 PM	335NC	NEW CAENEY	Lightning	1	66	66
Oct-03	D-Line_Forced	10/9/03	5:14:00 PM	10/9/03	8:00:36 PM	184PS	PANSY	Animal	1	166	166
Oct-03	D-Line_Forced	10/9/03	5:16:00 PM	10/9/03	6:05:42 PM	35KOL	KOLBS	Vegetation	8	400	50
Oct-03	D-Line_Forced	10/9/03	5:21:00 PM	10/9/03	7:45:00 PM	119RB	REBEL	Animal	1	144	144
Oct-03	D-Line_Forced	10/9/03	5:30:00 PM	10/9/03	6:24:18 PM	74RAY	RAYWOOD	Public Damage	56	3,024	54
Oct-03	D-Line_Forced	10/9/03	5:31:00 PM	10/9/03	9:55:37 PM	161VD	VIDOR	Equipment Failure	9	2,385	265
Oct-03	D-Line_Forced	10/9/03	6:00:00 PM	10/9/03	8:50:56 PM	24HKS	HANKS	Equipment Failure	60	10,260	171
Oct-03	D-Line_Forced	10/9/03	6:10:00 PM	10/9/03	8:05:15 PM	592WR	WARREN	Vegetation	30	3,450	115
Oct-03	D-Line_Forced	10/9/03	6:18:00 PM	10/9/03	7:15:05 PM	163VD	VIDOR	Lightning	3	171	57
Oct-03	D-Line_Forced	10/9/03	6:24:00 PM	10/9/03	8:00:30 PM	269RV	RIVTRIN	Other	1	96	96
Oct-03	D-Line_Forced	10/9/03	6:44:00 PM	10/9/03	7:12:36 PM	462SI	SILSBEE	Lightning	10	29	29
Oct-03	D-Line_Forced	10/9/03	7:00:00 PM	10/9/03	8:50:09 PM	207HA	HANKAMER	Equipment Failure	10	1,100	110
Oct-03	D-Line_Forced	10/9/03	7:08:00 PM	10/10/03	4:01:22 AM	161VD	VIDOR	Vegetation	15	7,995	533
Oct-03	D-Line_Forced	10/9/03	7:12:00 PM	10/9/03	8:25:51 PM	7FKL	FRANKLIN	Equipment Failure	5	370	74
Oct-03	D-Line_Forced	10/9/03	8:24:00 PM	10/9/03	9:40:45 PM	30BRC	BRC	Vegetation	9	693	77
Oct-03	D-Line_Forced	10/9/03	8:58:00 PM	10/9/03	9:35:55 PM	206HA	HANKAMER	Vegetation	1	38	38
Oct-03	D-Line_Forced	10/9/03	9:01:00 PM	10/9/03	10:35:14 PM	380MC	MCLEMS	Lightning	1	94	94
Oct-03	D-Line_Forced	10/9/03	9:12:00 PM	10/9/03	12:50:19 AM	345OI	OILLA	Vegetation	2	436	218
Oct-03	D-Line_Forced	10/9/03	9:44:00 PM	10/9/03	10:53:08 PM	393WO	WEST ORANGE	Vegetation	36	2,484	69
Oct-03	D-Line_Forced	10/9/03	10:25:00 PM	10/9/03	11:20:35 PM	73RAY	RAYWOOD	Lightning	2	110	55
Oct-03	D-Line_Forced	10/9/03	10:27:00 PM	10/9/03	11:40:46 PM	592WR	WARREN	Equipment Failure	1	74	74
Oct-03	D-Line_Forced	10/9/03	10:27:00 PM	10/9/03	12:10:00 AM	592WR	WARREN	Vegetation	49	5,047	103
Oct-03	D-Line_Forced	10/9/03	10:47:00 PM	10/9/03	11:45:13 PM	724DY	DAYTON BULK	Vegetation	6	348	58
Oct-03	D-Line_Forced	10/9/03	10:57:00 PM	10/10/03	12:10:49 AM	611HU	HUNTSVILLE	Equipment Failure	17	1,258	74
Oct-03	D-Line_Forced	10/9/03	11:05:00 PM	10/10/03	4:25:09 AM	380MC	MCLEMS	Vegetation	98	31,360	320
Oct-03	D-Line_Forced	10/9/03	11:23:00 PM	10/10/03	12:20:56 AM	393WO	WEST ORANGE	Other	4	232	58
Oct-03	D-Line_Forced	10/9/03	11:54:00 PM	10/10/03	2:50:03 AM	726DY	DAYTON BULK	Vegetation	12	2,112	176
Oct-03	D-Line_Forced	10/10/03	12:11:00 AM	10/10/03	1:15:49 AM	363BD	BRIDGE CITY	Vegetation	21	1,365	65
Oct-03	D-Line_Forced	10/10/03	12:35:00 AM	10/10/03	1:15:30 AM	506WR	WARREN	Lightning	4	160	40
Oct-03	D-Line_Forced	10/10/03	1:31:00 AM	10/10/03	4:25:27 AM	477MD	MCDONALD	Equipment Failure	192	33,408	174
Oct-03	D-Line_Forced	10/10/03	1:55:00 AM	10/10/03	3:50:00 AM	506WR	WARREN	Equipment Failure	4	460	115
Oct-03	D-Line_Forced	10/10/03	2:30:36 AM	10/10/03	4:48:18 AM	112MC	MCHALE	Public Damage	662	92,018	139
Oct-03	D-Line_Forced	10/10/03	2:43:00 AM	10/10/03	5:14:05 AM	113MC	MCHALE	Equipment Failure	8	1,208	151
Oct-03	D-Line_Forced	10/10/03	3:10:00 AM	10/10/03	7:00:53 AM	507CN	CONROE BULK	Vegetation	1	231	231
Oct-03	D-Line_Forced	10/10/03	4:59:00 AM	10/10/03	6:15:25 AM	37KOL	KOLBS	Equipment Failure	7	532	76
Oct-03	D-Line_Forced	10/10/03	5:06:00 AM	10/10/03	3:00:29 PM	309SP	SPLENDORA	Equipment Failure	2	1,188	594
Oct-03	D-Line_Forced	10/10/03	5:27:00 AM	10/10/03	10:05:14 AM	40LNB	LINDBERGH	Vegetation	11	3,058	278
Oct-03	D-Line_Forced	10/10/03	5:32:00 AM	10/10/03	6:43:08 AM	340WN	WINFREE	Equipment Failure	2	142	71
Oct-03	D-Line_Forced	10/10/03	5:42:00 AM	10/10/03	7:00:39 AM	53BAT	BATSON	Equipment Failure	3	237	79
Oct-03	D-Line_Forced	10/10/03	5:42:00 AM	10/10/03	8:30:17 AM	309SP	SPLENDORA	Vegetation	1	168	168

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/10/03	6:09:00 AM	10/10/03	7:30:32 AM	335NC	NEWCANEY	Animal	1	82	82
Oct-03	D-Line_Forced	10/10/03	6:38:00 AM	10/10/03	8:00:31 AM	570DC	DOUCETTE	Vegetation	2	166	83
Oct-03	D-Line_Forced	10/10/03	7:11:00 AM	10/10/03	8:15:50 AM	7FKL	FRANKLIN	Lightning	2	130	65
Oct-03	D-Line_Forced	10/10/03	7:17:00 AM	10/10/03	10:45:16 AM	405CV	CLEVELAND	Vegetation	2	416	208
Oct-03	D-Line_Forced	10/10/03	7:48:00 AM	10/10/03	7:55:09 AM	478MD	MCDONALD	Vegetation	4	28	7
Oct-03	D-Line_Forced	10/10/03	8:04:00 AM	10/10/03	8:55:42 AM	477MD	MCDONALD	Vegetation	2	104	52
Oct-03	D-Line_Forced	10/10/03	8:13:00 AM	10/10/03	10:30:22 AM	141LV	LOVELLS LAKE	Equipment Failure	2	274	137
Oct-03	D-Line_Forced	10/10/03	8:31:00 AM	10/10/03	9:00:14 AM	123EL	ELIZABETH	Animal	68	1,972	29
Oct-03	D-Line_Forced	10/10/03	8:49:00 AM	10/10/03	9:30:38 AM	70ECH	ECHO	Animal	3	126	42
Oct-03	D-Line_Forced	10/10/03	9:10:00 AM	10/10/03	9:50:03 AM	671MA	MAYHAW	Vegetation	3	120	40
Oct-03	D-Line_Forced	10/10/03	9:14:00 AM	10/10/03	10:00:11 AM	506WR	WARREN	Vegetation	20	920	46
Oct-03	D-Line_Forced	10/10/03	9:53:00 AM	10/10/03	10:00:24 AM	40LNB	LINDBERGH	Vegetation	5	35	7
Oct-03	D-Line_Forced	10/10/03	9:54:00 AM	10/10/03	11:12:54 AM	506WR	WARREN	Vegetation	6	474	79
Oct-03	D-Line_Forced	10/10/03	9:58:00 AM	10/10/03	11:12:54 AM	80WED	WEST END	Human Error	3	156	52
Oct-03	D-Line_Forced	10/10/03	10:02:00 AM	10/10/03	10:50:06 AM	363BD	OAK RIDGE	Other	49	2,597	53
Oct-03	D-Line_Forced	10/10/03	10:23:00 AM	10/10/03	11:25:58 AM	162VD	BRIDGE CITY	Animal	15	945	63
Oct-03	D-Line_Forced	10/10/03	10:43:00 AM	10/10/03	2:50:55 PM	162VD	VIDOR	Equipment Failure	2	496	248
Oct-03	D-Line_Forced	10/10/03	11:27:00 AM	10/10/03	12:10:54 PM	513CN	CONAIR	Vegetation	1	44	44
Oct-03	D-Line_Forced	10/10/03	11:29:00 AM	10/10/03	12:10:54 PM	478MD	MCDONALD	Vegetation	1,051	30,479	29
Oct-03	D-Line_Forced	10/10/03	11:38:00 AM	10/10/03	2:50:16 PM	711MG	MAGNOLIA AMES	Vegetation	7	1,344	192
Oct-03	D-Line_Forced	10/10/03	12:35:00 PM	10/10/03	1:40:28 PM	74RAY	RAYWOOD	Lightning	3	195	65
Oct-03	D-Line_Forced	10/10/03	1:11:00 PM	10/10/03	6:35:23 PM	162VD	VIDOR	Vegetation	6	1,944	324
Oct-03	D-Line_Forced	10/10/03	1:49:00 PM	10/10/03	3:45:13 PM	462SI	SILSBEE	Lightning	2	232	116
Oct-03	D-Line_Forced	10/10/03	2:07:00 PM	10/10/03	4:05:00 PM	269RV	RIVTRIN	Vegetation	1	118	118
Oct-03	D-Line_Forced	10/10/03	2:20:00 PM	10/10/03	3:09:39 PM	341WN	WINFREE	Lightning	1	50	50
Oct-03	D-Line_Forced	10/10/03	2:32:00 PM	10/10/03	3:10:01 PM	317TA	HICKORY RIDGE	Vegetation	24	912	38
Oct-03	D-Line_Forced	10/10/03	3:03:00 PM	10/10/03	4:45:57 PM	163VD	VIDOR	Vegetation	1	103	103
Oct-03	D-Line_Forced	10/10/03	3:24:00 PM	10/10/03	4:15:25 PM	309SP	SPLENDORA	Equipment Failure	1	51	51
Oct-03	D-Line_Forced	10/10/03	3:28:00 PM	10/10/03	4:10:54 PM	4CAL	CALVERT	Animal	2	86	43
Oct-03	D-Line_Forced	10/10/03	3:37:00 PM	10/10/03	4:40:35 PM	4CAL	CALVERT	Equipment Failure	16	1,024	64
Oct-03	D-Line_Forced	10/10/03	3:37:00 PM	10/10/03	5:37:00 PM	506WR	WARREN	Equipment Failure	5	600	120
Oct-03	D-Line_Forced	10/10/03	6:20:00 PM	10/10/03	7:00:39 PM	608HU	HUNTSVILLE	Vegetation	1	41	41
Oct-03	D-Line_Forced	10/10/03	10:09:00 PM	10/10/03	10:43:53 PM	155BE	BEVIL	Equipment Failure	1	35	35
Oct-03	D-Line_Forced	10/11/03	6:35:00 AM	10/11/03	7:15:30 AM	31BRC	BRIARCLIFF	Animal	12	480	40
Oct-03	D-Line_Forced	10/11/03	7:46:00 AM	10/11/03	8:15:43 AM	598TA	TAMINA	Public Damage	3	45	15
Oct-03	D-Line_Forced	10/11/03	10:06:00 AM	10/11/03	10:20:56 AM	4CAL	CALVERT	Animal	2	206	103
Oct-03	D-Line_Forced	10/11/03	10:07:00 AM	10/11/03	11:50:27 AM	231ST	STOWELL	Other	2	62	31
Oct-03	D-Line_Forced	10/11/03	11:19:00 AM	10/11/03	11:50:18 AM	114DR	DORMAN	Vegetation	3	90	30
Oct-03	D-Line_Forced	10/11/03	11:45:00 AM	10/11/03	12:14:51 PM	723DY	DAYTON BULK	Vegetation	44	2,552	58
Oct-03	D-Line_Forced	10/11/03	12:09:00 PM	10/11/03	1:06:57 PM	105SL	SOUR LAKE	Public Damage	1	41	41
Oct-03	D-Line_Forced	10/11/03	12:52:00 PM	10/11/03	1:32:44 PM	725DY	DAYTON BULK	Animal	2	122	61
Oct-03	D-Line_Forced	10/11/03	1:24:00 PM	10/11/03	2:25:10 PM	883GR	GRIMES	Equipment Failure	25	1,650	66
Oct-03	D-Line_Forced	10/11/03	1:34:00 PM	10/11/03	2:40:30 PM	269RV	RIVTRIN	Animal	18	1,476	82
Oct-03	D-Line_Forced	10/11/03	1:53:00 PM	10/11/03	3:15:16 PM	213BA	BAYSHORE	Equipment Failure	6	318	53
Oct-03	D-Line_Forced	10/11/03	3:21:00 PM	10/11/03	4:14:34 PM	163VD	VIDOR	Equipment Failure	104	4,056	39
Oct-03	D-Line_Forced	10/11/03	4:31:00 PM	10/11/03	5:10:25 PM	163VD	VIDOR	Other	1	24	24
Oct-03	D-Line_Forced	10/11/03	4:52:00 PM	10/11/03	5:15:37 PM	4CAL	CALVERT	Lightning	1	142	142
Oct-03	D-Line_Forced	10/11/03	5:23:00 PM	10/11/03	7:45:00 PM	744DA	DAISETTA	Animal	3	159	53
Oct-03	D-Line_Forced	10/11/03	5:51:00 PM	10/11/03	6:44:10 PM	123EL	ELIZABETH	Other	15	1,515	101
Oct-03	D-Line_Forced	10/11/03	5:59:00 PM	10/11/03	7:40:31 PM	304NC	NEW CANEY	Equipment Failure	4	116	29
Oct-03	D-Line_Forced	10/12/03	7:07:00 PM	10/12/03	7:36:25 PM	406CV	CLEVELAND	Animal	265	14,575	55
Oct-03	D-Line_Forced	10/12/03	12:49:00 AM	10/12/03	1:44:27 AM	269RV	RIVTRIN	Other	10	610	61
Oct-03	D-Line_Forced	10/12/03	7:15:00 AM	10/12/03	8:15:50 AM	65CRK	CROCKETT	Animal	471	24,963	53
Oct-03	D-Line_Forced	10/12/03	7:46:00 AM	10/12/03	8:39:30 AM	65CRK	CROCKETT	Animal	4	1,168	292
Oct-03	D-Line_Forced	10/12/03	7:46:00 AM	10/12/03	12:38:00 PM						

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/12/03	8:22:00 AM	10/12/03	10:05:40 AM	110MC	MCHALE	Equipment Failure	32	3,328	104
Oct-03	D-Line_Forced	10/12/03	8:23:00 AM	10/12/03	9:20:00 AM	564WD	WALDEN	Animal	20	1,140	57
Oct-03	D-Line_Forced	10/12/03	8:54:00 AM	10/12/03	9:10:05 AM	324CO	CORDREY	Animal	3	48	16
Oct-03	D-Line_Forced	10/12/03	9:25:00 AM	10/12/03	10:05:55 AM	336NC	NEW CANEY	Animal	5	205	41
Oct-03	D-Line_Forced	10/12/03	9:48:00 AM	10/12/03	11:05:38 AM	519DO	DOBBIN	Animal	1	78	78
Oct-03	D-Line_Forced	10/12/03	10:13:00 AM	10/12/03	10:40:20 AM	21NOE	NORTH END	Vegetation	8	216	27
Oct-03	D-Line_Forced	10/12/03	11:11:00 AM	10/12/03	1:30:21 PM	761SA	SARATOGA	Vegetation	2	278	139
Oct-03	D-Line_Forced	10/12/03	12:36:00 PM	10/12/03	1:25:16 PM	920DO	DOBBIN	Public Damage	15	735	49
Oct-03	D-Line_Forced	10/12/03	1:10:00 PM	10/12/03	2:22:32 PM	98SPU	SPURLOCK	Equipment Failure	5	360	72
Oct-03	D-Line_Forced	10/12/03	3:50:00 PM	10/12/03	4:45:43 PM	570DC	DOUCETTE	Animal	11	616	56
Oct-03	D-Line_Forced	10/12/03	4:13:00 PM	10/12/03	5:00:04 PM	711MG	MAGNOLIA AMES	Equipment Failure	3	141	47
Oct-03	D-Line_Forced	10/12/03	4:29:00 PM	10/12/03	5:00:45 PM	457FL	FLETCHER	Animal	1	32	32
Oct-03	D-Line_Forced	10/12/03	4:38:00 PM	10/12/03	6:05:40 PM	63GRO	GROVES	Equipment Failure	3	264	88
Oct-03	D-Line_Forced	10/12/03	4:57:00 PM	10/12/03	5:40:21 PM	567CR	CRYSTAL	Other	2	86	43
Oct-03	D-Line_Forced	10/12/03	5:03:00 PM	10/12/03	7:50:03 PM	160CH	CHEEK	Equipment Failure	5	835	167
Oct-03	D-Line_Forced	10/12/03	5:14:00 PM	10/12/03	6:10:14 PM	457FL	FLETCHER	Equipment Failure	1	56	56
Oct-03	D-Line_Forced	10/12/03	5:30:00 PM	10/12/03	8:35:25 PM	141LV	LOVELLS LAKE	Equipment Failure	4	925	185
Oct-03	D-Line_Forced	10/12/03	5:41:00 PM	10/12/03	6:30:36 PM	309SP	SPLENDORA	Animal	19	950	50
Oct-03	D-Line_Forced	10/12/03	6:58:00 PM	10/12/03	9:00:14 PM	566CR	CRYSTAL	Public Damage	4	488	122
Oct-03	D-Line_Forced	10/12/03	7:35:00 PM	10/12/03	9:10:19 PM	181AM	AMELIA BULK	Public Damage	2	106	53
Oct-03	D-Line_Forced	10/12/03	7:31:00 AM	10/13/03	10:00:00 AM	905NA	NAVASOTA	Equipment Failure	1,884	84,780	45
Oct-03	D-Line_Forced	10/13/03	7:58:00 AM	10/13/03	9:25:16 AM	155BE	BEVIL	Public Damage	1	149	149
Oct-03	D-Line_Forced	10/13/03	8:13:00 AM	10/13/03	9:22:22 AM	905NA	NAVASOTA	Lightning	1	87	87
Oct-03	D-Line_Forced	10/13/03	10:22:00 AM	10/13/03	11:20:45 AM	308SP	SPLENDORA	Equipment Failure	1	59	59
Oct-03	D-Line_Forced	10/13/03	11:03:00 AM	10/13/03	11:40:14 AM	240WS	WINSHIRE	Animal	1	74	74
Oct-03	D-Line_Forced	10/13/03	11:07:00 AM	10/13/03	12:25:07 PM	66MAN	MANCHESTER	Vegetation	2	780	78
Oct-03	D-Line_Forced	10/13/03	11:11:00 AM	10/13/03	12:00:15 PM	92CHI	CHINA	Other	2	98	49
Oct-03	D-Line_Forced	10/13/03	11:12:00 AM	10/13/03	11:30:58 AM	333NC	NEW CANEY	Animal	2	38	19
Oct-03	D-Line_Forced	10/13/03	1:07:00 PM	10/13/03	1:50:54 PM	155BE	BEVIL	Other	34	1,496	44
Oct-03	D-Line_Forced	10/13/03	1:56:00 PM	10/13/03	2:15:31 PM	403CV	CLEVELAND	Equipment Failure	5	250	50
Oct-03	D-Line_Forced	10/13/03	2:00:00 PM	10/13/03	2:50:07 PM	107HM	HUMPHREY	Other	925	13,875	15
Oct-03	D-Line_Forced	10/13/03	2:29:00 PM	10/13/03	2:43:36 PM	811PD	PEE DEE	Human Error	13	754	58
Oct-03	D-Line_Forced	10/13/03	4:08:00 PM	10/13/03	5:05:55 PM	407MI	MILLEDGE	Animal	6	588	98
Oct-03	D-Line_Forced	10/13/03	4:22:00 PM	10/13/03	6:00:03 PM	761SA	SARATOGA	Lightning	1	65	65
Oct-03	D-Line_Forced	10/13/03	4:33:00 PM	10/13/03	5:38:12 PM	154BE	BEVIL	Animal	3	156	52
Oct-03	D-Line_Forced	10/13/03	5:18:00 PM	10/13/03	6:10:21 PM	324CO	CORDREY	Animal	12	1,200	100
Oct-03	D-Line_Forced	10/13/03	5:35:00 PM	10/13/03	7:15:00 PM	744OK	OAK RIDGE	Equipment Failure	23	2,300	100
Oct-03	D-Line_Forced	10/13/03	5:35:00 PM	10/13/03	7:15:00 PM	744OK	OAK RIDGE	Equipment Failure	24	1,560	65
Oct-03	D-Line_Forced	10/13/03	7:06:00 PM	10/13/03	8:10:37 PM	592WR	WARREN	Vegetation	2	94	47
Oct-03	D-Line_Forced	10/13/03	9:29:00 PM	10/13/03	10:16:26 PM	17LOB	LOEB	Equipment Failure	66	5,544	84
Oct-03	D-Line_Forced	10/13/03	10:07:00 PM	10/13/03	11:30:51 PM	592WR	WARREN	Animal	4	280	70
Oct-03	D-Line_Forced	10/14/03	3:50:00 AM	10/14/03	5:00:17 AM	743OK	OAK RIDGE	Equipment Failure	1	24	24
Oct-03	D-Line_Forced	10/14/03	8:39:00 AM	10/14/03	9:03:04 AM	572CN	CONROE BULK	Human Error	58	2,030	35
Oct-03	D-Line_Forced	10/14/03	9:10:00 AM	10/14/03	9:45:06 AM	762AL	ALD	Vegetation	27	1,512	56
Oct-03	D-Line_Forced	10/14/03	9:24:00 AM	10/14/03	10:20:20 AM	330AD	ADAMS BAYOU	Public Damage	16	896	56
Oct-03	D-Line_Forced	10/14/03	9:34:00 AM	10/14/03	10:30:17 AM	182AM	AMELIA BULK	Other	4	256	64
Oct-03	D-Line_Forced	10/14/03	10:10:00 AM	10/14/03	11:14:30 AM	333NC	NEW CANEY	Animal	1	36	36
Oct-03	D-Line_Forced	10/14/03	10:54:00 AM	10/14/03	11:30:02 AM	809PD	PEE DEE	Equipment Failure	3	159	53
Oct-03	D-Line_Forced	10/14/03	11:27:00 AM	10/14/03	12:20:17 PM	35HDN	HARDIN	Vegetation	44	836	19
Oct-03	D-Line_Forced	10/14/03	11:56:00 AM	10/14/03	12:15:00 PM	406CV	CLEVELAND	Vegetation	991	41,622	42
Oct-03	D-Line_Forced	10/14/03	12:37:00 PM	10/14/03	1:18:56 PM	34KOL	KOLBS	Equipment Failure	84	9,324	111
Oct-03	D-Line_Forced	10/14/03	12:37:00 PM	10/14/03	2:27:47 PM	34KOL	KOLBS	Equipment Failure	13	2,795	215
Oct-03	D-Line_Forced	10/14/03	12:37:00 PM	10/14/03	4:12:00 PM	34KOL	KOLBS	Equipment Failure	16	2,032	127
Oct-03	D-Line_Forced	10/14/03	12:44:00 PM	10/14/03	2:50:40 PM	155BE	BEVIL	Vegetation	16	2,032	127

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/14/03	12:57:00 PM	10/14/03	1:45:42 PM	536SH	SHEAWILL	Equipment Failure	3	147	49
Oct-03	D-Line_Forced	10/14/03	1:17:00 PM	10/14/03	2:05:59 PM	22YAN	YANKEE DOODLE	Vegetation	1	49	49
Oct-03	D-Line_Forced	10/14/03	1:41:00 PM	10/14/03	2:12:53 PM	512CN	CONAIR	Vegetation	31	992	32
Oct-03	D-Line_Forced	10/14/03	1:52:00 PM	10/14/03	6:05:16 PM	582LM	LONGMIRE	Vegetation	10	2,530	253
Oct-03	D-Line_Forced	10/14/03	2:06:00 PM	10/14/03	2:35:21 PM	905NA	NAVASOTA	Equipment Failure	2	58	29
Oct-03	D-Line_Forced	10/14/03	2:18:00 PM	10/14/03	5:40:41 PM	202SD	SANDY SHORES	Equipment Failure	3	609	203
Oct-03	D-Line_Forced	10/14/03	2:35:00 PM	10/14/03	4:00:52 PM	206HA	HANKAMER	Vegetation	3	258	86
Oct-03	D-Line_Forced	10/14/03	2:42:00 PM	10/14/03	3:40:32 PM	34KOL	KOLBS	Equipment Failure	14	812	58
Oct-03	D-Line_Forced	10/14/03	2:44:00 PM	10/14/03	4:00:27 PM	456FL	FLETCHER	Equipment Failure	3	228	76
Oct-03	D-Line_Forced	10/14/03	2:45:00 PM	10/14/03	3:40:03 PM	583LM	LONGMIRE	Vegetation	53	2,915	55
Oct-03	D-Line_Forced	10/14/03	2:53:00 PM	10/14/03	5:14:40 PM	138CI	CALDWELL INDUSTRIAL	Vegetation	23	3,286	142
Oct-03	D-Line_Forced	10/14/03	3:06:00 PM	10/14/03	3:24:41 PM	231ST	STOWELL	Vegetation	793	15,067	19
Oct-03	D-Line_Forced	10/14/03	3:24:00 PM	10/14/03	4:29:41 PM	568DC	DOUCETTE	Vegetation	7	462	66
Oct-03	D-Line_Forced	10/14/03	4:04:00 PM	10/14/03	5:55:10 PM	743DA	DAISETTA	Other	5	555	111
Oct-03	D-Line_Forced	10/14/03	4:08:00 PM	10/14/03	5:08:17 PM	724DY	DAYTON BULK	Equipment Failure	7	420	60
Oct-03	D-Line_Forced	10/14/03	4:10:00 PM	10/14/03	93CHI	CHINA	Equipment Failure	2	348	174	
Oct-03	D-Line_Forced	10/14/03	4:17:00 PM	10/14/03	5:25:53 PM	34KOL	KOLBS	Equipment Failure	19	1,311	69
Oct-03	D-Line_Forced	10/14/03	4:39:00 PM	10/14/03	5:30:08 PM	570CR	CRYSTAL	Vegetation	24	1,224	51
Oct-03	D-Line_Forced	10/14/03	4:54:00 PM	10/14/03	6:00:56 PM	742OK	OAK RIDGE	Human Error	3	201	67
Oct-03	D-Line_Forced	10/14/03	5:24:00 PM	10/14/03	6:10:12 PM	34KOL	KOLBS	Other	13	598	46
Oct-03	D-Line_Forced	10/14/03	5:35:00 PM	10/14/03	5:55:00 PM	34KOL	KOLBS	Equipment Failure	59	1,180	20
Oct-03	D-Line_Forced	10/14/03	5:35:00 PM	10/14/03	8:11:50 PM	34KOL	KOLBS	Equipment Failure	18	2,826	157
Oct-03	D-Line_Forced	10/14/03	6:10:00 PM	10/14/03	7:00:42 PM	335NC	NEW CANEY	Animal	1	51	51
Oct-03	D-Line_Forced	10/14/03	6:41:00 PM	10/14/03	8:14:06 PM	336NC	NEW CANEY	Vegetation	2	186	93
Oct-03	D-Line_Forced	10/14/03	9:02:00 PM	10/14/03	9:51:08 PM	40LNB	LINDBERGH	Other	5	245	49
Oct-03	D-Line_Forced	10/14/03	9:25:00 PM	10/14/03	11:00:46 PM	566CR	CRYSTAL	Other	3	288	96
Oct-03	D-Line_Forced	10/14/03	9:30:00 PM	10/14/03	11:30:14 PM	584LM	LONGMIRE	Equipment Failure	2	104	52
Oct-03	D-Line_Forced	10/14/03	10:23:00 PM	10/14/03	11:15:07 PM	345OI	OILLA	Other	2	104	52
Oct-03	D-Line_Forced	10/14/03	11:27:00 PM	10/15/03	2:00:00 AM	765AL	Alden Bridge	Equipment Failure	22	3,366	153
Oct-03	D-Line_Forced	10/14/03	11:27:00 PM	10/15/03	2:00:00 AM	765AL	Alden Bridge	Equipment Failure	20	3,060	153
Oct-03	D-Line_Forced	10/14/03	11:27:00 PM	10/15/03	4:15:00 AM	785AL	Alden Bridge	Equipment Failure	1	288	288
Oct-03	D-Line_Forced	10/15/03	1:14:00 AM	10/15/03	1:55:39 AM	155BE	BEVIL	Animal	502	21,084	42
Oct-03	D-Line_Forced	10/15/03	5:11:00 AM	10/15/03	7:30:58 AM	539LA	LACON	Equipment Failure	1	141	141
Oct-03	D-Line_Forced	10/15/03	5:11:00 AM	10/15/03	6:20:41 AM	744DA	DAISETTA	Vegetation	1	70	70
Oct-03	D-Line_Forced	10/15/03	9:21:00 AM	10/15/03	11:49:11 AM	326CO	CORDREY	Equipment Failure	7	1,036	148
Oct-03	D-Line_Forced	10/15/03	9:26:00 AM	10/15/03	9:55:21 AM	269RV	RIVTRIN	Animal	56	1,624	29
Oct-03	D-Line_Forced	10/15/03	10:23:00 AM	10/15/03	11:10:54 AM	27NOE	NORTH END	Lightning	1	48	48
Oct-03	D-Line_Forced	10/15/03	11:04:00 AM	10/15/03	1:00:01 PM	762AL	ALD	Equipment Failure	1	116	116
Oct-03	D-Line_Forced	10/15/03	11:27:00 AM	10/15/03	11:45:52 AM	904NA	NAVASOTA	Animal	1	19	19
Oct-03	D-Line_Forced	10/15/03	11:36:00 AM	10/15/03	12:22:37 PM	681VI	VIVWAY	Other	24	1,128	47
Oct-03	D-Line_Forced	10/15/03	12:19:00 PM	10/15/03	1:00:48 PM	134TG	TANGLEWOOD	Animal	2	84	42
Oct-03	D-Line_Forced	10/15/03	12:52:00 PM	10/15/03	2:59:58 PM	35HDN	HARDIN	Animal	2	256	128
Oct-03	D-Line_Forced	10/15/03	1:50:00 PM	10/15/03	3:01:58 PM	781EG	EASTGATE	Equipment Failure	1	72	72
Oct-03	D-Line_Forced	10/15/03	1:58:00 PM	10/15/03	2:49:58 PM	336NC	NEW CANEY	Equipment Failure	53	2,756	52
Oct-03	D-Line_Forced	10/15/03	2:01:00 PM	10/15/03	3:00:21 PM	77JRU	JIROU	Human Error	1	59	59
Oct-03	D-Line_Forced	10/15/03	2:36:00 PM	10/15/03	3:12:03 PM	202SD	SANDY SHORES	Animal	25	900	36
Oct-03	D-Line_Forced	10/15/03	2:55:00 PM	10/15/03	3:22:19 PM	232ST	STOWELL	Animal	1	27	27
Oct-03	D-Line_Forced	10/15/03	3:52:00 PM	10/15/03	5:30:00 PM	781SA	SARATOGA	Equipment Failure	5	490	98
Oct-03	D-Line_Forced	10/15/03	3:53:00 PM	10/15/03	4:10:53 PM	309SP	SPLENDORA	Equipment Failure	3	54	18
Oct-03	D-Line_Forced	10/15/03	4:18:00 PM	10/15/03	5:00:29 PM	476MD	MCDONALD	Equipment Failure	3	126	42
Oct-03	D-Line_Forced	10/15/03	4:57:00 PM	10/15/03	5:20:56 PM	103CD	CROWDER	Animal	5	120	24
Oct-03	D-Line_Forced	10/15/03	5:36:00 PM	10/15/03	6:00:36 PM	120EL	ELIZABETH	Vegetation	4	96	24
Oct-03	D-Line_Forced	10/15/03	5:38:00 PM	10/15/03	6:10:39 PM	335NC	NEW CANEY	Animal	1	33	33
Oct-03	D-Line_Forced	10/15/03	9:32:00 PM	10/15/03	10:15:20 PM	808PD	PEE DEE	Animal	1	43	43
Oct-03	D-Line_Forced	10/16/03	2:12:00 AM	10/16/03	3:10:09 AM	335NC	NEW CANEY	Vegetation	40	2,320	58

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/16/03	2:12:00 AM	10/16/03	3:50:00 AM	335NC	NEW CANEY	Vegetation	8	784	98
Oct-03	D-Line_Forced	10/16/03	3:08:00 AM	10/16/03	4:30:36 AM	101BL	BLUE WATER	Other	33	2,739	83
Oct-03	D-Line_Forced	10/16/03	6:05:00 AM	10/16/03	6:57:49 AM	457FL	FLETCHER	Animal	5	265	53
Oct-03	D-Line_Forced	10/16/03	7:23:00 AM	10/16/03	8:05:08 AM	671MA	MAYHAW	Equipment Failure	4	168	42
Oct-03	D-Line_Forced	10/16/03	7:36:00 AM	10/16/03	10:24:34 AM	111WS	WESTSIDE	Equipment Failure	7	1,176	168
Oct-03	D-Line_Forced	10/16/03	7:37:00 AM	10/16/03	8:14:07 AM	333NC	NEW CANEY	Animal	4	148	37
Oct-03	D-Line_Forced	10/16/03	8:41:00 AM	10/16/03	9:43:37 AM	206HA	HANKAMER	Other	13	806	62
Oct-03	D-Line_Forced	10/16/03	8:49:00 AM	10/16/03	10:20:39 AM	514CN	CONAIR	Human Error	1	92	92
Oct-03	D-Line_Forced	10/16/03	9:15:00 AM	10/16/03	9:50:41 AM	708GL	GOSLIN	Equipment Failure	21	756	36
Oct-03	D-Line_Forced	10/16/03	10:00:00 AM	10/16/03	10:20:39 AM	4CAL	CALVERT	Equipment Failure	1	21	21
Oct-03	D-Line_Forced	10/16/03	10:39:00 AM	10/16/03	11:30:59 AM	507CN	CONROE BULK	Human Error	6	312	52
Oct-03	D-Line_Forced	10/16/03	10:51:00 AM	10/16/03	12:08:02 PM	194NE	NECHES	Equipment Failure	2	154	77
Oct-03	D-Line_Forced	10/16/03	11:41:00 AM	10/16/03	12:30:52 PM	671MA	MAYHAW	Equipment Failure	4	200	50
Oct-03	D-Line_Forced	10/16/03	1:26:00 PM	10/16/03	2:02:50 PM	206HA	HANKAMER	Other	13	481	37
Oct-03	D-Line_Forced	10/16/03	2:43:00 PM	10/16/03	3:25:25 PM	463SI	SILSBEE	Vegetation	9	378	42
Oct-03	D-Line_Forced	10/16/03	2:47:00 PM	10/16/03	3:19:08 PM	740OK	OAK RIDGE	Other	10	320	32
Oct-03	D-Line_Forced	10/16/03	3:05:00 PM	10/16/03	4:29:18 PM	206HA	HANKAMER	Other	13	1,092	84
Oct-03	D-Line_Forced	10/16/03	4:10:00 PM	10/16/03	4:39:58 PM	162VD	VIDOR	Animal	18	540	30
Oct-03	D-Line_Forced	10/16/03	4:46:00 PM	10/16/03	5:54:04 PM	462SI	SILSBEE	Animal	4	272	68
Oct-03	D-Line_Forced	10/16/03	4:47:00 PM	10/16/03	5:45:18 PM	582LM	LONGMIRE	Vegetation	2	116	58
Oct-03	D-Line_Forced	10/16/03	4:50:00 PM	10/16/03	5:40:05 PM	213BA	BAYSHORE	Public Damage	1	50	50
Oct-03	D-Line_Forced	10/16/03	5:19:00 PM	10/16/03	6:00:34 PM	304NC	NEW CANEY	Vegetation	1	41	41
Oct-03	D-Line_Forced	10/16/03	5:58:00 PM	10/16/03	7:00:29 PM	426CV	CLEVELAND	Equipment Failure	3	186	62
Oct-03	D-Line_Forced	10/16/03	6:00:00 PM	10/16/03	6:40:58 PM	564WD	WALDEN	Vegetation	177	7,257	41
Oct-03	D-Line_Forced	10/16/03	6:00:00 PM	10/16/03	7:10:00 PM	564WD	WALDEN	Vegetation	91	6,370	70
Oct-03	D-Line_Forced	10/16/03	6:06:00 PM	10/16/03	6:35:53 PM	681VI	VIVAY	Animal	2	60	30
Oct-03	D-Line_Forced	10/16/03	6:08:00 PM	10/16/03	7:05:27 PM	7FKL	FRANKLIN	Vegetation	3	171	57
Oct-03	D-Line_Forced	10/16/03	6:25:00 PM	10/16/03	7:50:15 PM	540LA	LACON	Animal	2	202	101
Oct-03	D-Line_Forced	10/16/03	6:36:00 PM	10/16/03	6:50:18 PM	104SL	SOUR LAKE	Other	2	50	25
Oct-03	D-Line_Forced	10/16/03	6:39:00 PM	10/16/03	7:15:00 PM	627TE	TEMCO	Equipment Failure	1	39	39
Oct-03	D-Line_Forced	10/16/03	6:39:00 PM	10/16/03	6:53:59 PM	120EL	ELIZABETH	Other	41	615	15
Oct-03	D-Line_Forced	10/16/03	10:54:00 PM	10/17/03	12:56:00 AM	708GL	GOSLIN	Equipment Failure	1,411	174,964	124
Oct-03	D-Line_Forced	10/16/03	10:54:42 PM	10/17/03	2:17:00 AM	708GL	GOSLIN	Equipment Failure	1,124	228,172	203
Oct-03	D-Line_Forced	10/17/03	7:34:00 AM	10/17/03	8:30:03 AM	477MD	MCDONALD	Animal	6	336	56
Oct-03	D-Line_Forced	10/17/03	7:41:00 AM	10/17/03	9:05:16 AM	562WD	WALDEN	Equipment Failure	15	1,260	84
Oct-03	D-Line_Forced	10/17/03	7:41:00 AM	10/17/03	9:05:45 AM	562WD	WALDEN	Equipment Failure	27	2,268	84
Oct-03	D-Line_Forced	10/17/03	9:49:00 AM	10/17/03	10:55:48 AM	316TA	TAMINA	Vegetation	63	4,221	67
Oct-03	D-Line_Forced	10/17/03	10:14:00 AM	10/17/03	11:20:00 AM	158HA	HAMPTON	Vegetation	45	2,970	66
Oct-03	D-Line_Forced	10/17/03	10:19:00 AM	10/17/03	11:30:09 AM	506WR	WARREN	Vegetation	4	284	71
Oct-03	D-Line_Forced	10/17/03	1:01:00 PM	10/17/03	2:20:35 PM	628TE	TEMCO	Vegetation	20	1,580	79
Oct-03	D-Line_Forced	10/17/03	1:58:00 PM	10/17/03	2:55:10 PM	435KT	KOUNTZE BULK	Vegetation	2	114	57
Oct-03	D-Line_Forced	10/17/03	2:35:00 PM	10/17/03	3:22:24 PM	726DY	DAYTON BULK	Equipment Failure	2	94	47
Oct-03	D-Line_Forced	10/17/03	2:44:00 PM	10/17/03	3:25:20 PM	682GR	GOREE	Public Damage	26	1,066	41
Oct-03	D-Line_Forced	10/17/03	3:13:00 PM	10/17/03	3:45:37 PM	114DR	DORMAN	Equipment Failure	3	99	33
Oct-03	D-Line_Forced	10/17/03	3:39:00 PM	10/17/03	4:40:06 PM	341WN	WINFREE	Other	8	488	61
Oct-03	D-Line_Forced	10/17/03	3:41:00 PM	10/17/03	5:14:34 PM	162VD	VIDOR	Public Damage	5	465	93
Oct-03	D-Line_Forced	10/17/03	3:54:00 PM	10/17/03	7:40:43 PM	76JRU	JIROU	Equipment Failure	3	661	227
Oct-03	D-Line_Forced	10/17/03	3:55:00 PM	10/17/03	4:30:30 PM	403CV	CLEVELAND	Public Damage	28	980	35
Oct-03	D-Line_Forced	10/17/03	4:16:00 PM	10/17/03	4:40:03 PM	81LAV	LAKEVIEW	Equipment Failure	1	24	24
Oct-03	D-Line_Forced	10/17/03	4:23:00 PM	10/17/03	6:50:31 PM	105CD	CROWDER	Equipment Failure	2	294	147
Oct-03	D-Line_Forced	10/17/03	4:25:00 PM	10/17/03	5:42:17 PM	201SD	SANDY SHORES	Equipment Failure	3	231	77
Oct-03	D-Line_Forced	10/17/03	5:13:00 PM	10/17/03	5:42:52 PM	123EL	ELIZABETH	Vegetation	6	180	30
Oct-03	D-Line_Forced	10/17/03	6:30:00 PM	10/17/03	7:02:52 PM	154BE	BEVIL	Other	96	3,168	33
Oct-03	D-Line_Forced	10/17/03	8:50:00 PM	10/17/03	9:25:24 PM	65CRK	CROCKETT	Equipment Failure	93	3,255	35
Oct-03	D-Line_Forced	10/17/03	9:41:00 PM	10/17/03	10:30:23 PM	540LA	LACON	Equipment Failure	2	98	49

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/17/03	10:22:00 PM	10/17/03	11:11:45 PM	65CRK	CROCKETT	Animal	9	450	50
Oct-03	D-Line_Forced	10/18/03	9:13:00 AM	10/18/03	10:20:20 AM	155BE	BEVIL	Other	2	134	67
Oct-03	D-Line_Forced	10/18/03	10:44:00 AM	10/18/03	11:45:44 AM	40LNB	LINDBERGH	Other	7	434	62
Oct-03	D-Line_Forced	10/18/03	10:56:00 AM	10/18/03	12:00:12 PM	592WR	WARREN	Animal	3	192	64
Oct-03	D-Line_Forced	10/18/03	11:01:00 AM	10/18/03	11:15:52 AM	130VI	VIRGINIA	Animal	2	30	15
Oct-03	D-Line_Forced	10/18/03	11:23:00 AM	10/18/03	12:25:44 PM	154BE	BEVIL	Equipment Failure	1	183	183
Oct-03	D-Line_Forced	10/18/03	11:27:00 AM	10/18/03	12:22:16 PM	407MI	MILLEDGE	Animal	24	1,320	55
Oct-03	D-Line_Forced	10/18/03	11:33:00 AM	10/18/03	12:00:08 PM	233ST	STOWELL	Animal	1	27	27
Oct-03	D-Line_Forced	10/18/03	12:23:00 PM	10/18/03	2:00:46 PM	560WD	WALDEN	Equipment Failure	10	970	97
Oct-03	D-Line_Forced	10/18/03	12:23:00 PM	10/18/03	2:00:46 PM	560WD	WALDEN	Equipment Failure	50	5,350	107
Oct-03	D-Line_Forced	10/18/03	12:42:00 PM	10/18/03	1:55:07 PM	570CR	CRYSTAL	Equipment Failure	6	438	73
Oct-03	D-Line_Forced	10/18/03	1:49:00 PM	10/18/03	3:30:07 PM	453KT	KOUNTZE	Animal	8	808	101
Oct-03	D-Line_Forced	10/18/03	3:46:00 PM	10/18/03	4:40:05 PM	131VI	VIRGINIA	Equipment Failure	6	324	54
Oct-03	D-Line_Forced	10/18/03	3:52:00 PM	10/18/03	4:50:19 PM	743OK	OAK RIDGE	Other	37	2,146	58
Oct-03	D-Line_Forced	10/18/03	4:04:00 PM	10/18/03	4:30:59 PM	566CR	CRYSTAL	Animal	2	54	27
Oct-03	D-Line_Forced	10/18/03	5:07:00 PM	10/18/03	6:10:29 PM	25HKS	HANKS	Animal	7	441	63
Oct-03	D-Line_Forced	10/18/03	5:41:00 PM	10/18/03	6:55:10 PM	809PD	PEE DEE	Other	1	74	74
Oct-03	D-Line_Forced	10/18/03	6:02:00 PM	10/18/03	6:50:30 PM	537LA	LACON	Animal	4	192	48
Oct-03	D-Line_Forced	10/18/03	6:11:00 PM	10/18/03	7:12:34 PM	159CH	CHEEK	Animal	2	122	61
Oct-03	D-Line_Forced	10/18/03	7:15:00 PM	10/18/03	8:12:03 PM	17LOB	LOEB	Vegetation	7	399	57
Oct-03	D-Line_Forced	10/18/03	11:22:00 PM	10/19/03	1:57:27 AM	114DR	DORMAN	Vegetation	3	465	155
Oct-03	D-Line_Forced	10/19/03	3:29:00 AM	10/19/03	4:25:39 AM	566CR	CRYSTAL	Equipment Failure	4	228	57
Oct-03	D-Line_Forced	10/19/03	8:13:00 AM	10/19/03	9:25:58 AM	425CV	CLEVELAND	Animal	12	876	73
Oct-03	D-Line_Forced	10/19/03	8:38:00 AM	10/19/03	9:56:53 AM	163VD	VIDOR	Animal	2	158	79
Oct-03	D-Line_Forced	10/19/03	8:43:00 AM	10/19/03	9:55:15 AM	102CD	CROWDER	Animal	13	936	72
Oct-03	D-Line_Forced	10/19/03	8:45:00 AM	10/19/03	10:26:00 AM	106HM	HUMPHREY	Equipment Failure	67	6,767	101
Oct-03	D-Line_Forced	10/19/03	9:26:00 AM	10/19/03	10:05:23 AM	135TG	TANGLEWOOD	Other	81	3,159	39
Oct-03	D-Line_Forced	10/19/03	9:47:00 AM	10/19/03	10:45:22 AM	211BA	BAYSHORE	Animal	3	174	58
Oct-03	D-Line_Forced	10/19/03	9:53:00 AM	10/19/03	11:40:35 AM	268RV	RIVTRIN	Animal	3	324	108
Oct-03	D-Line_Forced	10/19/03	10:14:00 AM	10/19/03	11:16:33 AM	537LA	LACON	Other	7	434	62
Oct-03	D-Line_Forced	10/19/03	12:40:00 PM	10/19/03	1:31:05 PM	404CV	CLEVELAND	Animal	3	153	51
Oct-03	D-Line_Forced	10/19/03	1:05:00 PM	10/19/03	2:05:57 PM	162VD	VIDOR	Animal	41	2,501	61
Oct-03	D-Line_Forced	10/19/03	2:05:00 PM	10/19/03	4:10:14 PM	70PAS	PORT ACRES BULK	Animal	3	375	125
Oct-03	D-Line_Forced	10/19/03	2:07:00 PM	10/19/03	3:10:37 PM	457FL	FLETCHER	Animal	37	2,368	64
Oct-03	D-Line_Forced	10/19/03	3:18:00 PM	10/19/03	4:15:55 PM	240WS	WINSHIRE	Other	1	58	58
Oct-03	D-Line_Forced	10/19/03	4:32:00 PM	10/19/03	6:10:20 PM	135TG	TANGLEWOOD	Equipment Failure	21	2,058	98
Oct-03	D-Line_Forced	10/19/03	5:06:00 PM	10/19/03	5:30:27 PM	570DC	DOUCETTE	Other	2	48	24
Oct-03	D-Line_Forced	10/19/03	5:42:00 PM	10/19/03	6:25:48 PM	7FKL	FRANKLIN	Animal	108	4,752	44
Oct-03	D-Line_Forced	10/19/03	5:43:00 PM	10/19/03	6:25:24 PM	592WR	WARREN	Animal	1	42	42
Oct-03	D-Line_Forced	10/19/03	7:55:00 PM	10/19/03	9:00:51 PM	17WVK	PORT ARTHUR WW	Equipment Failure	6	396	66
Oct-03	D-Line_Forced	10/19/03	10:11:00 PM	10/19/03	10:50:11 PM	70ECH	ECHO	Animal	2	78	39
Oct-03	D-Line_Forced	10/20/03	5:18:00 AM	10/20/03	6:50:57 AM	743OK	OAK RIDGE	Other	91	8,463	93
Oct-03	D-Line_Forced	10/20/03	8:40:00 AM	10/20/03	9:00:18 AM	4CAL	CALVERT	Animal	14	280	20
Oct-03	D-Line_Forced	10/20/03	9:00:00 AM	10/20/03	9:45:45 AM	425CV	CLEVELAND	Animal	5	230	46
Oct-03	D-Line_Forced	10/20/03	9:22:00 AM	10/20/03	9:45:16 AM	363BD	BRIDGE CITY	Animal	3	69	23
Oct-03	D-Line_Forced	10/20/03	9:55:00 AM	10/20/03	10:29:22 AM	160CH	CHEEK	Animal	1	34	34
Oct-03	D-Line_Forced	10/20/03	10:03:00 AM	10/20/03	10:25:35 AM	269RV	RIVTRIN	Animal	90	1,980	22
Oct-03	D-Line_Forced	10/20/03	10:12:00 AM	10/20/03	11:20:48 AM	134TG	TANGLEWOOD	Animal	40	2,760	69
Oct-03	D-Line_Forced	10/20/03	11:45:00 AM	10/20/03	12:48:34 PM	142LV	LOVELLS LAKE	Other	1	64	64
Oct-03	D-Line_Forced	10/20/03	11:46:00 AM	10/20/03	12:55:55 PM	137TG	TANGLEWOOD	Equipment Failure	85	5,950	70
Oct-03	D-Line_Forced	10/20/03	12:41:00 PM	10/20/03	1:40:29 PM	327CO	CORDREY	Animal	3	177	59
Oct-03	D-Line_Forced	10/20/03	3:56:00 PM	10/20/03	4:45:29 PM	68PTA	PORT ACRES SUB	Animal	31	1,519	49
Oct-03	D-Line_Forced	10/20/03	4:17:00 PM	10/20/03	6:00:16 PM	432KT	KOUNTZE BULK	Other	1	103	103
Oct-03	D-Line_Forced	10/20/03	5:27:00 PM	10/20/03	5:50:40 PM	350ON	ORANGE	Animal	4	96	24
Oct-03	D-Line_Forced	10/20/03	5:37:00 PM	10/20/03	6:24:32 PM	809PD	PEE DEE	Equipment Failure	809	38,832	48

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/20/03	6:13:00 PM	10/20/03	6:55:13 PM	352ON	ORANGE	Animal	2	84	42
Oct-03	D-Line_Forced	10/20/03	7:50:00 PM	10/20/03	10:00:36 PM	432KT	KOUNTZE BULK	Equipment Failure	3	390	130
Oct-03	D-Line_Forced	10/20/03	8:46:00 PM	10/20/03	9:50:16 PM	68PTA	PORT ACRES SUB	Equipment Failure	3	186	62
Oct-03	D-Line_Forced	10/21/03	12:03:00 AM	10/21/03	2:12:11 AM	781EG	EASTGATE	Other	2	258	129
Oct-03	D-Line_Forced	10/21/03	4:23:00 AM	10/21/03	6:08:57 AM	592AP	APRIL	Equipment Failure	24	2,544	106
Oct-03	D-Line_Forced	10/21/03	4:26:00 AM	10/21/03	6:55:24 AM	610HU	HUNTSVILLE	Equipment Failure	9	1,323	147
Oct-03	D-Line_Forced	10/21/03	5:19:00 AM	10/21/03	6:30:37 AM	193NE	NECHES	Equipment Failure	3	216	72
Oct-03	D-Line_Forced	10/21/03	12:20:00 PM	10/21/03	1:20:09 PM	269RV	RIVTRIN	Other	1	60	60
Oct-03	D-Line_Forced	10/21/03	2:17:00 PM	10/21/03	2:50:06 PM	341HI	HICKORY RIDGE	Animal	1	33	33
Oct-03	D-Line_Forced	10/21/03	3:36:00 PM	10/21/03	5:30:49 PM	92CHI	CHINA	Equipment Failure	25	2,875	115
Oct-03	D-Line_Forced	10/21/03	4:09:00 PM	10/21/03	6:01:56 PM	762AL	ALD	Vegetation	21	2,373	113
Oct-03	D-Line_Forced	10/21/03	4:32:00 PM	10/21/03	5:00:29 PM	160CH	CHEEK	Animal	5	140	28
Oct-03	D-Line_Forced	10/21/03	5:17:00 PM	10/21/03	5:40:23 PM	33BRC	BRIARCLIFF	Animal	7	161	23
Oct-03	D-Line_Forced	10/21/03	5:24:00 PM	10/21/03	6:52:40 PM	341HI	HICKORY RIDGE	Other	30	2,670	89
Oct-03	D-Line_Forced	10/21/03	6:24:00 PM	10/21/03	8:00:00 PM	37KOL	KOLBS	Equipment Failure	46	4,416	96
Oct-03	D-Line_Forced	10/22/03	7:38:00 AM	10/22/03	8:45:24 AM	570CR	CRYSTAL	Equipment Failure	2	134	67
Oct-03	D-Line_Forced	10/22/03	7:42:00 AM	10/22/03	8:08:03 AM	393WO	WEST ORANGE	Animal	4	104	26
Oct-03	D-Line_Forced	10/22/03	8:24:00 AM	10/22/03	9:18:38 AM	744OK	OAK RIDGE	Other	1	55	55
Oct-03	D-Line_Forced	10/22/03	8:42:00 AM	10/22/03	9:14:00 AM	600HU	HUNTSVILLE	Equipment Failure	16	512	32
Oct-03	D-Line_Forced	10/22/03	8:43:00 AM	10/22/03	11:30:52 AM	4CAL	CALVERT	Equipment Failure	8	1,344	168
Oct-03	D-Line_Forced	10/22/03	9:19:00 AM	10/22/03	9:45:48 AM	381MC	MCLEWIS	Animal	3	81	27
Oct-03	D-Line_Forced	10/22/03	9:56:00 AM	10/22/03	10:18:28 AM	21NOE	NORTH END	Animal	72	1,584	22
Oct-03	D-Line_Forced	10/22/03	12:55:00 PM	10/22/03	1:35:43 PM	476MD	MCDONALD	Other	1	41	41
Oct-03	D-Line_Forced	10/22/03	12:56:00 PM	10/22/03	1:35:08 PM	432KT	KOUNTZE BULK	Public Damage	4	156	39
Oct-03	D-Line_Forced	10/22/03	1:02:00 PM	10/22/03	1:16:24 PM	37KOL	KOLBS	Other	4	156	39
Oct-03	D-Line_Forced	10/22/03	1:54:00 PM	10/22/03	2:48:51 PM	582LM	LONGMIRE	Equipment Failure	25	350	14
Oct-03	D-Line_Forced	10/22/03	2:20:00 PM	10/22/03	3:20:33 PM	883GR	GRIMES	Other	62	3,410	55
Oct-03	D-Line_Forced	10/22/03	4:04:00 PM	10/22/03	5:00:42 PM	506WR	WARREN	Equipment Failure	12	720	60
Oct-03	D-Line_Forced	10/22/03	5:36:00 PM	10/22/03	6:30:56 PM	592WR	WARREN	Equipment Failure	3	171	57
Oct-03	D-Line_Forced	10/22/03	5:42:00 PM	10/22/03	8:14:04 PM	335NC	NEW CANEY	Animal	1	55	55
Oct-03	D-Line_Forced	10/22/03	5:45:00 PM	10/22/03	6:00:01 PM	123EL	ELIZABETH	Equipment Failure	166	25,232	152
Oct-03	D-Line_Forced	10/22/03	6:08:00 PM	10/22/03	7:24:31 PM	25HRN	HEARNE	Animal	1	15	15
Oct-03	D-Line_Forced	10/22/03	7:09:00 PM	10/22/03	8:25:00 PM	594WD	WOODVILLE	Other	1	78	78
Oct-03	D-Line_Forced	10/22/03	7:33:00 PM	10/22/03	8:32:11 PM	905NA	NAVASOTA	Animal	3	228	76
Oct-03	D-Line_Forced	10/22/03	9:41:00 PM	10/22/03	9:59:46 PM	808PD	PEE DEE	Equipment Failure	1	59	59
Oct-03	D-Line_Forced	10/23/03	6:50:00 AM	10/23/03	7:18:38 AM	48TCO	TRANSOCO	Animal	1	19	19
Oct-03	D-Line_Forced	10/23/03	7:58:00 AM	10/23/03	9:00:36 AM	327CO	CORDREY	Equipment Failure	1	29	29
Oct-03	D-Line_Forced	10/23/03	8:31:00 AM	10/23/03	9:00:13 AM	599TA	TAMINA	Animal	2	124	62
Oct-03	D-Line_Forced	10/23/03	8:52:00 AM	10/23/03	10:00:23 AM	70ECH	ECHO	Animal	3	87	29
Oct-03	D-Line_Forced	10/23/03	9:28:00 AM	10/23/03	10:40:48 AM	25HKS	HANKS	Animal	31	2,108	68
Oct-03	D-Line_Forced	10/23/03	10:10:00 AM	10/23/03	11:30:37 AM	162VD	VIDOR	Other	51	3,723	73
Oct-03	D-Line_Forced	10/23/03	10:58:00 AM	10/23/03	12:30:09 PM	93CHI	CHINA	Animal	1	80	80
Oct-03	D-Line_Forced	10/23/03	11:20:00 AM	10/23/03	11:50:35 AM	133CE	CENTRAL	Public Damage	113	10,396	92
Oct-03	D-Line_Forced	10/23/03	11:47:00 AM	10/23/03	1:30:37 PM	569DC	DOUCETTE	Animal	6	186	31
Oct-03	D-Line_Forced	10/23/03	12:28:00 PM	10/23/03	1:40:57 PM	101BL	BLUE WATER	Vegetation	2	208	104
Oct-03	D-Line_Forced	10/23/03	1:55:00 PM	10/23/03	2:08:05 PM	570CR	CRYSTAL	Animal	91	6,643	73
Oct-03	D-Line_Forced	10/23/03	2:02:00 PM	10/23/03	3:10:21 PM	519DO	DOBBLIN	Equipment Failure	300	3,900	13
Oct-03	D-Line_Forced	10/23/03	2:24:00 PM	10/23/03	2:30:00 PM	70ECH	ECHO	Animal	1	68	68
Oct-03	D-Line_Forced	10/23/03	2:26:00 PM	10/23/03	3:00:09 PM	538LA	LACON	Foreign Trouble	4	24	6
Oct-03	D-Line_Forced	10/23/03	2:38:00 PM	10/23/03	3:05:59 PM	8LAS	LAKESIDE	Vegetation	3	102	34
Oct-03	D-Line_Forced	10/23/03	2:47:00 PM	10/23/03	4:15:13 PM	592WR	WARREN	Other	2	56	28
Oct-03	D-Line_Forced	10/23/03	3:10:00 PM	10/23/03	4:23:48 PM	920DO	DOBBLIN	Other	2	176	88
Oct-03	D-Line_Forced	10/23/03	3:40:00 PM	10/23/03	4:40:27 PM	904NA	NAVASOTA	Vegetation	26	1,924	74
Oct-03	D-Line_Forced	10/23/03	3:45:00 PM	10/23/03	5:05:36 PM	904NA	NAVASOTA	Other	31	1,860	60
Oct-03	D-Line_Forced	10/23/03	3:57:00 PM	10/23/03	4:35:39 PM	232ST	STOWELL	Animal	3	240	80
Oct-03	D-Line_Forced	10/23/03		10/23/03				Animal	5	195	39

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/23/03	4:16:00 PM	10/23/03	4:55:01 PM	594WD	WOODVILLE	Animal	1	39	39
Oct-03	D-Line_Forced	10/23/03	5:17:00 PM	10/23/03	5:32:44 PM	320AP	APOLLO	Human Error	2	32	16
Oct-03	D-Line_Forced	10/23/03	5:31:00 PM	10/23/03	6:20:09 PM	62GRO	GROVES	Equipment Failure	6	294	49
Oct-03	D-Line_Forced	10/23/03	5:43:00 PM	10/23/03	6:00:25 PM	112MC	MCHALE	Animal	2	34	17
Oct-03	D-Line_Forced	10/23/03	6:59:00 PM	10/23/03	7:38:30 PM	515CN	CONAIR	Equipment Failure	88	3,432	39
Oct-03	D-Line_Forced	10/23/03	9:05:00 PM	10/24/03	12:10:00 AM	308RC	BRC	Vegetation	23	4,255	185
Oct-03	D-Line_Forced	10/23/03	11:04:00 PM	10/24/03	12:02:07 AM	131VI	VIRGINIA	Other	153	8,874	58
Oct-03	D-Line_Forced	10/24/03	1:40:00 AM	10/24/03	2:26:41 AM	514CN	CONAIR	Other	6	282	47
Oct-03	D-Line_Forced	10/24/03	7:45:00 AM	10/24/03	8:05:10 AM	472NS	NORTH SILSBEE	Public Damage	1	20	20
Oct-03	D-Line_Forced	10/24/03	7:49:00 AM	10/24/03	8:35:44 AM	160CH	CHEEK	Equipment Failure	1	47	47
Oct-03	D-Line_Forced	10/24/03	8:18:00 AM	10/24/03	9:40:38 AM	163VD	VIDOR	Animal	4	332	83
Oct-03	D-Line_Forced	10/24/03	8:33:00 AM	10/24/03	8:40:57 AM	123EL	ELIZABETH	Animal	9	72	8
Oct-03	D-Line_Forced	10/24/03	8:40:00 AM	10/24/03	10:10:08 AM	570DC	DOUCETTE	Lightning	1	90	90
Oct-03	D-Line_Forced	10/24/03	9:16:00 AM	10/24/03	9:55:32 AM	592WR	WARREN	Animal	1	39	39
Oct-03	D-Line_Forced	10/24/03	9:35:00 AM	10/24/03	10:45:56 AM	127SO	SOMERVILLE	Equipment Failure	4	284	71
Oct-03	D-Line_Forced	10/24/03	9:51:00 AM	10/24/03	10:22:18 AM	7FKL	FRANKLIN	Animal	1	31	31
Oct-03	D-Line_Forced	10/24/03	9:54:00 AM	10/24/03	10:55:10 AM	563WD	WALDEN	Animal	157	9,577	61
Oct-03	D-Line_Forced	10/24/03	10:01:00 AM	10/24/03	10:59:24 AM	883GR	GRIMES	Animal	1	58	58
Oct-03	D-Line_Forced	10/24/03	11:09:00 AM	10/24/03	11:55:25 AM	594WD	WOODVILLE	Vegetation	12	552	46
Oct-03	D-Line_Forced	10/24/03	11:20:00 AM	10/24/03	12:20:22 PM	425CV	CLEVELAND	Equipment Failure	3	180	60
Oct-03	D-Line_Forced	10/24/03	1:10:00 PM	10/24/03	4:28:02 PM	920DO	DOBBLIN	Vegetation	26	5,148	198
Oct-03	D-Line_Forced	10/24/03	2:01:00 PM	10/24/03	3:45:53 PM	320AP	APOLLO	Equipment Failure	3	315	105
Oct-03	D-Line_Forced	10/24/03	3:11:00 PM	10/24/03	4:30:28 PM	74RAY	RAYWOOD	Equipment Failure	1	79	79
Oct-03	D-Line_Forced	10/24/03	4:38:00 PM	10/24/03	10:45:44 PM	207HA	HANKAMER	Equipment Failure	3	1,104	368
Oct-03	D-Line_Forced	10/24/03	4:51:00 PM	10/24/03	6:35:55 PM	213BA	BAYSHORE	Animal	7	735	105
Oct-03	D-Line_Forced	10/24/03	5:19:00 PM	10/24/03	8:00:55 PM	781EG	EASTGATE	Animal	1	162	162
Oct-03	D-Line_Forced	10/24/03	6:24:00 PM	10/24/03	8:29:24 PM	726DY	DAYTON BULK	Other	1	125	125
Oct-03	D-Line_Forced	10/24/03	6:44:00 PM	10/24/03	7:56:03 PM	138CI	CALDWELL INDUSTRIAL	Other	2	144	72
Oct-03	D-Line_Forced	10/24/03	6:53:00 PM	10/24/03	8:00:42 PM	18LOB	LOEB	Animal	1	68	68
Oct-03	D-Line_Forced	10/24/03	7:11:00 PM	10/24/03	8:19:09 PM	317TA	TAMINA	Vegetation	5	340	68
Oct-03	D-Line_Forced	10/24/03	7:38:00 PM	10/25/03	8:19:09 PM	583LM	LONGMIRE	Vegetation	9	2,637	293
Oct-03	D-Line_Forced	10/24/03	11:52:00 PM	10/25/03	12:31:08 AM	607HU	HUNTSVILLE	Vegetation	2	80	40
Oct-03	D-Line_Forced	10/25/03	6:53:00 AM	10/25/03	12:32:18 AM	901NA	NAVASOTA	Animal	5	860	172
Oct-03	D-Line_Forced	10/25/03	8:53:00 AM	10/25/03	9:45:10 AM	592WR	WARREN	Equipment Failure	3	234	78
Oct-03	D-Line_Forced	10/25/03	8:53:00 AM	10/25/03	10:10:42 AM	682VI	VIMWAY	Lightning	11	149	149
Oct-03	D-Line_Forced	10/25/03	9:18:00 AM	10/25/03	11:40:15 AM	457FL	FLETCHER	Lightning	1	462	42
Oct-03	D-Line_Forced	10/25/03	9:29:00 AM	10/25/03	10:00:04 AM	360BD	BRIDGE CITY	Lightning	4	424	106
Oct-03	D-Line_Forced	10/25/03	10:03:00 AM	10/25/03	11:15:28 AM	213BA	BAYSHORE	Lightning	19	798	42
Oct-03	D-Line_Forced	10/25/03	10:06:00 AM	10/25/03	10:45:17 AM	121EL	ELIZABETH	Equipment Failure	1	175	175
Oct-03	D-Line_Forced	10/25/03	10:10:00 AM	10/25/03	12:40:43 PM	163VD	VIDOR	Lightning	9	1,359	151
Oct-03	D-Line_Forced	10/25/03	10:11:00 AM	10/25/03	11:20:32 AM	538LA	LACON	Vegetation	61	4,209	69
Oct-03	D-Line_Forced	10/25/03	10:19:00 AM	10/25/03	11:00:36 AM	393WO	WEST ORANGE	Lightning	43	1,763	41
Oct-03	D-Line_Forced	10/25/03	10:22:00 AM	10/25/03	11:30:32 AM	112MC	MCHALE	Lightning	146	9,928	68
Oct-03	D-Line_Forced	10/25/03	10:26:00 AM	10/25/03	1:00:20 PM	324CO	CORDREY	Lightning	20	3,080	154
Oct-03	D-Line_Forced	10/25/03	10:29:00 AM	10/25/03	12:00:57 PM	163VD	VIDOR	Lightning	3	276	92
Oct-03	D-Line_Forced	10/25/03	10:32:00 AM	10/25/03	11:15:37 AM	21NOE	NORTH END	Lightning	62	2,666	43
Oct-03	D-Line_Forced	10/25/03	11:04:00 AM	10/25/03	11:10:46 AM	393WO	WEST ORANGE	Lightning	2	14	7
Oct-03	D-Line_Forced	10/25/03	11:13:00 AM	10/25/03	1:00:41 PM	461SI	SILSBEE	Lightning	54	5,832	108
Oct-03	D-Line_Forced	10/25/03	11:20:00 AM	10/25/03	12:00:33 PM	382MC	MCLEWIS	Lightning	5	200	40
Oct-03	D-Line_Forced	10/25/03	11:23:00 AM	10/25/03	12:30:42 PM	576CN	CONROE BULK	Lightning	50	3,400	68
Oct-03	D-Line_Forced	10/25/03	11:24:00 AM	10/25/03	12:00:51 PM	21NOE	NORTH END	Lightning	62	2,294	37
Oct-03	D-Line_Forced	10/25/03	11:39:00 AM	10/25/03	12:15:17 PM	741OK	OAK RIDGE	Equipment Failure	24	864	36
Oct-03	D-Line_Forced	10/25/03	11:40:00 AM	10/25/03	12:30:40 PM	564WD	WALDEN	Animal	64	3,264	51
Oct-03	D-Line_Forced	10/25/03	11:41:00 AM	10/25/03	1:25:00 PM	570CR	CRYSTAL	Lightning	29	3,016	104
Oct-03	D-Line_Forced	10/25/03	11:50:00 AM	10/25/03	12:30:26 PM	92CHI	CHINA	Lightning	4	160	40



Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/25/03	11:51:00 AM	10/25/03	2:00:37 PM	18LOB	LOEB	Lightning	3	390	130
Oct-03	D-Line_Forced	10/25/03	11:53:00 AM	10/25/03	1:00:13 PM	213BA	BAYSHORE	Lightning	3	201	67
Oct-03	D-Line_Forced	10/25/03	11:54:00 AM	10/25/03	12:20:44 PM	268RV	RIVTRIN	Lightning	16	432	27
Oct-03	D-Line_Forced	10/25/03	12:08:00 PM	10/25/03	1:20:22 PM	155BE	BEVIL	Lightning	3	216	72
Oct-03	D-Line_Forced	10/25/03	12:08:00 PM	10/25/03	3:20:45 PM	154BE	BEVIL	Lightning	2	386	193
Oct-03	D-Line_Forced	10/25/03	12:09:00 PM	10/25/03	2:00:25 PM	570CR	CRYSTAL	Lightning	3	333	111
Oct-03	D-Line_Forced	10/25/03	12:09:00 PM	10/25/03	4:25:17 PM	570CR	CRYSTAL	Lightning	1	256	256
Oct-03	D-Line_Forced	10/25/03	12:13:00 PM	10/25/03	1:05:03 PM	570CR	CRYSTAL	Lightning	16	832	52
Oct-03	D-Line_Forced	10/25/03	12:14:00 PM	10/25/03	2:25:06 PM	477MD	MCDONALD	Vegetation	44	131	131
Oct-03	D-Line_Forced	10/25/03	12:15:00 PM	10/25/03	1:25:12 PM	457FL	FLETCHER	Lightning	4	3,080	70
Oct-03	D-Line_Forced	10/25/03	12:19:00 PM	10/25/03	4:20:35 PM	17LOB	LOEB	Lightning	7	1,687	241
Oct-03	D-Line_Forced	10/25/03	12:19:00 PM	10/25/03	4:30:19 PM	17LOB	LOEB	Lightning	27	6,777	251
Oct-03	D-Line_Forced	10/25/03	12:26:00 PM	10/25/03	1:00:35 PM	920DO	DOBBIN	Lightning	1	35	35
Oct-03	D-Line_Forced	10/25/03	12:29:00 PM	10/25/03	1:00:46 PM	261TR	TRINITY	Lightning	129	4,128	32
Oct-03	D-Line_Forced	10/25/03	12:30:00 PM	10/25/03	1:18:05 PM	582LM	LONGMIRE	Lightning	1	48	48
Oct-03	D-Line_Forced	10/25/03	12:32:00 PM	10/25/03	8:00:36 PM	681VI	VIMAY	Lightning	1	449	449
Oct-03	D-Line_Forced	10/25/03	12:38:00 PM	10/25/03	2:55:04 PM	682VI	VIMAY	Lightning	78	10,886	137
Oct-03	D-Line_Forced	10/25/03	12:38:00 PM	10/25/03	3:17:35 PM	681VI	VIMAY	Lightning	13	2,080	160
Oct-03	D-Line_Forced	10/25/03	12:42:00 PM	10/25/03	2:00:12 PM	110MC	MCHALE	Lightning	7	546	78
Oct-03	D-Line_Forced	10/25/03	12:45:00 PM	10/25/03	3:20:53 PM	462SI	SILSBEE	Lightning	40	6,240	156
Oct-03	D-Line_Forced	10/25/03	12:45:00 PM	10/25/03	5:40:26 PM	105SL	SOUR LAKE	Equipment Failure	17	5,015	295
Oct-03	D-Line_Forced	10/25/03	12:46:00 PM	10/25/03	7:20:25 PM	163VD	VIDOR	Lightning	12	4,728	394
Oct-03	D-Line_Forced	10/25/03	12:47:00 PM	10/25/03	3:55:25 PM	153RS	ROSEDALE	Equipment Failure	2	376	188
Oct-03	D-Line_Forced	10/25/03	12:54:00 PM	10/25/03	2:00:00 PM	70PAS	PORT ACRES BULK	Lightning	72	4,752	66
Oct-03	D-Line_Forced	10/25/03	12:56:00 PM	10/25/03	2:35:03 PM	269RV	RIVTRIN	Lightning	11	1,089	99
Oct-03	D-Line_Forced	10/25/03	1:01:00 PM	10/25/03	2:45:54 PM	268RV	RIVTRIN	Lightning	21	2,205	105
Oct-03	D-Line_Forced	10/25/03	1:02:00 PM	10/25/03	4:30:23 PM	162VD	VIDOR	Lightning	18	3,744	208
Oct-03	D-Line_Forced	10/25/03	1:06:00 PM	10/25/03	3:00:13 PM	21NOE	NORTH END	Equipment Failure	9	1,026	114
Oct-03	D-Line_Forced	10/25/03	1:10:00 PM	10/25/03	1:40:14 PM	163VD	VIDOR	Lightning	12	360	133
Oct-03	D-Line_Forced	10/25/03	1:12:00 PM	10/25/03	3:25:26 PM	112WS	WESTSIDE	Lightning	7	931	133
Oct-03	D-Line_Forced	10/25/03	1:13:00 PM	10/25/03	3:55:52 PM	63GRO	GROVES	Lightning	27	4,401	163
Oct-03	D-Line_Forced	10/25/03	1:13:00 PM	10/25/03	6:00:50 PM	164VD	VIDOR	Lightning	12	3,456	288
Oct-03	D-Line_Forced	10/25/03	1:14:00 PM	10/25/03	4:15:19 PM	104CD	CROWDER	Lightning	178	32,218	181
Oct-03	D-Line_Forced	10/25/03	1:16:00 PM	10/25/03	2:35:21 PM	681VI	VIMAY	Lightning	17	1,343	79
Oct-03	D-Line_Forced	10/25/03	1:17:00 PM	10/25/03	3:20:18 PM	70PAS	PORT ACRES BULK	Equipment Failure	3	369	123
Oct-03	D-Line_Forced	10/25/03	1:18:00 PM	10/25/03	1:50:44 PM	304NC	NEW CANEY	Vegetation	6	198	33
Oct-03	D-Line_Forced	10/25/03	1:19:00 PM	10/25/03	5:00:35 PM	133CE	CENTRAL	Lightning	5	1,105	221
Oct-03	D-Line_Forced	10/25/03	1:21:00 PM	10/25/03	2:00:20 PM	112MC	MCHALE	Lightning	13	507	39
Oct-03	D-Line_Forced	10/25/03	1:21:00 PM	10/25/03	4:30:22 PM	131CE	CENTRAL	Lightning	4	756	189
Oct-03	D-Line_Forced	10/25/03	1:22:00 PM	10/25/03	2:00:52 PM	537LA	LACON	Lightning	34	1,326	39
Oct-03	D-Line_Forced	10/25/03	1:26:00 PM	10/25/03	5:45:37 PM	457FL	FLETCHER	Vegetation	24	6,216	259
Oct-03	D-Line_Forced	10/25/03	1:28:00 PM	10/25/03	3:20:49 PM	269RV	RIVTRIN	Lightning	18	2,034	113
Oct-03	D-Line_Forced	10/25/03	1:31:00 PM	10/25/03	3:05:43 PM	68PTA	PORT ACRES SUB	Lightning	13	1,235	95
Oct-03	D-Line_Forced	10/25/03	1:31:00 PM	10/25/03	4:20:20 PM	68PTA	PORT ACRES SUB	Equipment Failure	4	676	169
Oct-03	D-Line_Forced	10/25/03	1:31:00 PM	10/25/03	10:46:18 PM	164VD	VIDOR	Equipment Failure	1	555	555
Oct-03	D-Line_Forced	10/25/03	1:35:00 PM	10/25/03	4:05:48 PM	161VD	VIDOR	Lightning	15	2,265	151
Oct-03	D-Line_Forced	10/25/03	1:40:00 PM	10/25/03	5:30:46 PM	62GRO	GROVES	Equipment Failure	10	2,310	231
Oct-03	D-Line_Forced	10/25/03	1:45:00 PM	10/25/03	3:51:58 PM	133CE	CENTRAL	Lightning	33	4,191	127
Oct-03	D-Line_Forced	10/25/03	1:47:00 PM	10/25/03	4:35:18 PM	570CR	CRYSTAL	Lightning	1	168	168
Oct-03	D-Line_Forced	10/25/03	1:49:00 PM	10/25/03	5:00:27 PM	63GRO	GROVES	Lightning	60	11,460	191
Oct-03	D-Line_Forced	10/25/03	1:50:00 PM	10/25/03	3:00:09 PM	18LOB	LOEB	Lightning	1	70	70
Oct-03	D-Line_Forced	10/25/03	1:51:00 PM	10/25/03	4:30:51 PM	324CO	CORDREY	Vegetation	3	480	160
Oct-03	D-Line_Forced	10/25/03	1:52:00 PM	10/25/03	3:30:47 PM	363BD	BRIDGE CITY	Equipment Failure	1	99	99
Oct-03	D-Line_Forced	10/25/03	1:56:00 PM	10/25/03	3:19:13 PM	360BD	BRIDGE CITY	Lightning	2	166	83
Oct-03	D-Line_Forced	10/25/03	1:58:00 PM	10/25/03	3:15:23 PM	360BD	BRIDGE CITY	Lightning	31	2,387	77

Mo.-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/25/03	2:01:00 PM	10/25/03	3:45:52 PM	362BD	BRIDGE CITY	Lightning	5	525	105
Oct-03	D-Line_Forced	10/25/03	2:03:00 PM	10/25/03	2:30:38 PM	70PAS	PORT ACRES BULK	Lightning	4	112	28
Oct-03	D-Line_Forced	10/25/03	2:05:00 PM	10/25/03	4:55:44 PM	162VD	VIDOR	Lightning	5	855	171
Oct-03	D-Line_Forced	10/25/03	2:08:00 PM	10/25/03	4:05:40 PM	62GRO	GROVES	Lightning	4	472	118
Oct-03	D-Line_Forced	10/25/03	2:08:00 PM	10/25/03	5:30:12 PM	363BD	BRIDGE CITY	Vegetation	14	2,828	202
Oct-03	D-Line_Forced	10/25/03	2:19:00 PM	10/25/03	4:20:10 PM	744OK	OAK RIDGE	Equipment Failure	17	2,057	121
Oct-03	D-Line_Forced	10/25/03	2:21:00 PM	10/25/03	9:15:28 PM	682VI	VIWAY	Equipment Failure	12	4,968	414
Oct-03	D-Line_Forced	10/25/03	2:31:00 PM	10/25/03	4:40:50 PM	13ICE	CENTRAL	Lightning	4	520	130
Oct-03	D-Line_Forced	10/25/03	2:35:00 PM	10/25/03	3:00:46 PM	307FR	FRONT STREET	Vegetation	84	2,184	26
Oct-03	D-Line_Forced	10/25/03	2:37:00 PM	10/25/03	3:00:44 PM	362BD	BRIDGE CITY	Lightning	3	72	24
Oct-03	D-Line_Forced	10/25/03	2:37:00 PM	10/25/03	3:00:44 PM	163VD	VIDOR	Lightning	2	456	228
Oct-03	D-Line_Forced	10/25/03	2:41:00 PM	10/25/03	6:25:26 PM	335NC	NEW CANEY	Lightning	23	1,817	79
Oct-03	D-Line_Forced	10/25/03	2:41:00 PM	10/25/03	4:00:09 PM	341WN	WINFREE	Vegetation	2	860	430
Oct-03	D-Line_Forced	10/25/03	2:47:00 PM	10/25/03	9:50:47 PM	728DY	DAYTON BULK	Equipment Failure	7	511	73
Oct-03	D-Line_Forced	10/25/03	2:47:00 PM	10/25/03	4:15:21 PM	307FR	FRONT STREET	Lightning	143	12,584	88
Oct-03	D-Line_Forced	10/25/03	2:48:00 PM	10/25/03	3:15:59 PM	23YAN	YANKEE DOODLE	Animal	4	112	28
Oct-03	D-Line_Forced	10/25/03	2:50:00 PM	10/26/03	12:05:44 AM	350ON	ORANGE	Equipment Failure	3	1,668	556
Oct-03	D-Line_Forced	10/25/03	3:10:00 PM	10/25/03	3:28:54 PM	70PAS	PORT ACRES BULK	Lightning	5	95	19
Oct-03	D-Line_Forced	10/25/03	3:30:00 PM	10/25/03	3:55:22 PM	512CN	CONAIR	Lightning	5	125	25
Oct-03	D-Line_Forced	10/25/03	3:30:00 PM	10/25/03	4:30:50 PM	362BD	BRIDGE CITY	Equipment Failure	5	305	61
Oct-03	D-Line_Forced	10/25/03	3:34:00 PM	10/25/03	10:18:39 PM	92STG	STONEGATE	Equipment Failure	5	2,025	405
Oct-03	D-Line_Forced	10/25/03	4:02:00 PM	10/25/03	4:30:16 PM	350ON	ORANGE	Lightning	2	56	28
Oct-03	D-Line_Forced	10/25/03	4:16:00 PM	10/25/03	5:15:54 PM	363BD	BRIDGE CITY	Lightning	1	60	28
Oct-03	D-Line_Forced	10/25/03	4:17:00 PM	10/25/03	5:48:26 PM	333NC	NEW CANEY	Equipment Failure	2	182	91
Oct-03	D-Line_Forced	10/25/03	4:18:00 PM	10/25/03	5:45:41 PM	363BD	BRIDGE CITY	Lightning	2	176	88
Oct-03	D-Line_Forced	10/25/03	4:35:00 PM	10/25/03	5:45:41 PM	307FR	FRONT STREET	Equipment Failure	2	738	369
Oct-03	D-Line_Forced	10/25/03	4:46:00 PM	10/25/03	10:44:20 PM	104CD	CROWDER	Lightning	28	1,372	49
Oct-03	D-Line_Forced	10/25/03	4:46:00 PM	10/25/03	5:35:31 PM	104CD	CROWDER	Lightning	2	198	99
Oct-03	D-Line_Forced	10/25/03	4:46:00 PM	10/25/03	6:25:08 PM	104CD	CROWDER	Equipment Failure	1	134	134
Oct-03	D-Line_Forced	10/25/03	4:46:00 PM	10/25/03	7:00:19 PM	472NS	NORTH SILSBEE	Equipment Failure	4	160	40
Oct-03	D-Line_Forced	10/25/03	4:49:00 PM	10/25/03	5:29:00 PM	507CN	CONROE BULK	Vegetation	23	1,288	56
Oct-03	D-Line_Forced	10/25/03	5:00:00 PM	10/25/03	5:50:08 PM	133CE	CENTRAL	Lightning	42	5,712	136
Oct-03	D-Line_Forced	10/25/03	5:02:00 PM	10/25/03	7:15:32 PM	251KP	KICKAPOO	Vegetation	1	18	18
Oct-03	D-Line_Forced	10/25/03	5:06:00 PM	10/25/03	5:19:43 PM	406CV	CLEVELAND	Lightning	5	745	149
Oct-03	D-Line_Forced	10/25/03	5:13:00 PM	10/25/03	7:35:11 PM	62GRO	GROVES	Lightning	2	70	35
Oct-03	D-Line_Forced	10/25/03	5:38:00 PM	10/25/03	5:47:42 PM	576CN	CONROE BULK	Vegetation	1	59	59
Oct-03	D-Line_Forced	10/25/03	5:49:00 PM	10/25/03	6:37:25 PM	269RV	RIVTRIN	Vegetation	2	84	42
Oct-03	D-Line_Forced	10/25/03	6:11:00 PM	10/25/03	6:30:37 PM	155BE	BEVIL	Lightning	3	177	59
Oct-03	D-Line_Forced	10/25/03	6:21:00 PM	10/25/03	7:10:32 PM	742OK	OAK RIDGE	Lightning	1	119	119
Oct-03	D-Line_Forced	10/25/03	6:26:00 PM	10/25/03	8:20:30 PM	46PTN	PORT NECHES	Lightning	41	3,731	91
Oct-03	D-Line_Forced	10/25/03	6:27:00 PM	10/25/03	7:57:26 PM	154BE	BEVIL	Vegetation	1	29	29
Oct-03	D-Line_Forced	10/25/03	6:34:00 PM	10/25/03	6:56:24 PM	540LA	LACON	Vegetation	13	988	76
Oct-03	D-Line_Forced	10/25/03	6:41:00 PM	10/25/03	7:50:24 PM	138CI	STONEGATE	Equipment Failure	82	1,558	19
Oct-03	D-Line_Forced	10/25/03	7:03:00 PM	10/25/03	7:00:23 PM	92STG	ADAMS BAYOU	Lightning	3	873	291
Oct-03	D-Line_Forced	10/25/03	7:31:00 PM	10/25/03	11:54:08 PM	332AD	ADAMS BAYOU	Lightning	2	62	31
Oct-03	D-Line_Forced	10/25/03	7:33:00 PM	10/25/03	8:02:19 PM	741OK	OAK RIDGE	Lightning	1	117	117
Oct-03	D-Line_Forced	10/25/03	7:46:00 PM	10/25/03	9:30:10 PM	163VD	VIDOR	Vegetation	16	624	39
Oct-03	D-Line_Forced	10/25/03	7:48:00 PM	10/25/03	8:24:51 PM	519DO	DOBBIN	Vegetation	2	100	50
Oct-03	D-Line_Forced	10/25/03	7:48:00 PM	10/25/03	8:38:10 PM	334NC	NCY	Equipment Failure	2	246	123
Oct-03	D-Line_Forced	10/25/03	8:23:00 PM	10/25/03	10:00:28 PM	164VD	VIDOR	Equipment Failure	2	105	35
Oct-03	D-Line_Forced	10/25/03	8:23:00 PM	10/25/03	8:58:25 PM	335NC	NEW CANEY	Equipment Failure	3	112	56
Oct-03	D-Line_Forced	10/25/03	8:46:00 PM	10/25/03	9:42:07 PM	68PTA	PORT ACRES SUB	Lightning	2	122	61
Oct-03	D-Line_Forced	10/25/03	8:59:00 PM	10/25/03	10:00:33 PM	162VD	VIDOR	Lightning	73	10,950	150
Oct-03	D-Line_Forced	10/25/03	10:36:00 PM	10/26/03	1:05:45 AM	671MA	MAYHAW	Public Damage	2	54	27
Oct-03	D-Line_Forced	10/25/03	11:21:00 PM	10/25/03	11:48:08 PM	70PAS	PORT ACRES BULK	Equipment Failure	2	4,664	212
Oct-03	D-Line_Forced	10/26/03	12:31:00 AM	10/26/03	4:02:34 AM	261TR	TRINITY	Equipment Failure	22		

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/26/03	2:03:00 AM	10/26/03	3:18:57 AM	326CO	CORDREY	Lightning	7	532	76
Oct-03	D-Line_Forced	10/26/03	2:16:00 AM	10/26/03	3:10:37 AM	86WED	WEST END	Vegetation	33	1,815	55
Oct-03	D-Line_Forced	10/26/03	4:54:00 AM	10/26/03	6:15:05 AM	592WR	WARREN	Vegetation	15	1,215	81
Oct-03	D-Line_Forced	10/26/03	5:03:00 AM	10/26/03	5:50:39 AM	86WED	WEST END	Animal	4	192	48
Oct-03	D-Line_Forced	10/26/03	6:28:00 AM	10/26/03	8:00:40 AM	233ST	STOWELL	Vegetation	2	186	93
Oct-03	D-Line_Forced	10/26/03	7:16:00 AM	10/26/03	8:20:32 AM	407MI	MILLEDGE	Vegetation	54	3,510	65
Oct-03	D-Line_Forced	10/26/03	7:53:00 AM	10/26/03	8:55:12 AM	350ON	ORANGE	Animal	3	186	62
Oct-03	D-Line_Forced	10/26/03	8:55:00 AM	10/26/03	9:30:52 AM	130VI	VIRGINIA	Other	38	1,368	36
Oct-03	D-Line_Forced	10/26/03	9:29:00 AM	10/26/03	10:30:18 AM	335NC	NEW CANEY	Animal	8	488	61
Oct-03	D-Line_Forced	10/26/03	9:52:00 AM	10/26/03	11:00:17 AM	594WD	WOODVILLE	Equipment Failure	100	4,400	44
Oct-03	D-Line_Forced	10/26/03	11:11:00 AM	10/26/03	11:55:19 AM	538LA	LACON	Vegetation	36	2,808	78
Oct-03	D-Line_Forced	10/26/03	11:42:00 AM	10/26/03	1:00:29 PM	335NC	NEW CANEY	Public Damage	10	240	24
Oct-03	D-Line_Forced	10/26/03	12:06:00 PM	10/26/03	1:35:47 PM	213BA	BAYSHORE	Animal	76	4,864	64
Oct-03	D-Line_Forced	10/26/03	12:32:00 PM	10/26/03	12:30:13 PM	105CD	CROWDER	Equipment Failure	4	824	206
Oct-03	D-Line_Forced	10/26/03	12:34:00 PM	10/26/03	4:00:25 PM	131CE	CENTRAL	Equipment Failure	1	36	36
Oct-03	D-Line_Forced	10/26/03	1:44:00 PM	10/26/03	2:20:25 PM	158HA	HAMPTON	Lightning	21	1,491	71
Oct-03	D-Line_Forced	10/26/03	1:59:00 PM	10/26/03	3:10:18 PM	4CAL	CALVERT	Other	17	663	39
Oct-03	D-Line_Forced	10/26/03	3:07:00 PM	10/26/03	3:45:48 PM	136TG	TANGLEWOOD	Equipment Failure	4	124	31
Oct-03	D-Line_Forced	10/26/03	3:29:00 PM	10/26/03	4:00:02 PM	583LM	LONGMIRE	Animal	4	188	47
Oct-03	D-Line_Forced	10/26/03	4:38:00 PM	10/26/03	5:24:31 PM	570CR	CRYSTAL	Equipment Failure	1	24	24
Oct-03	D-Line_Forced	10/26/03	6:26:00 PM	10/26/03	6:50:21 PM	594WD	WOODVILLE	Animal	2	114	57
Oct-03	D-Line_Forced	10/26/03	6:45:00 PM	10/26/03	7:42:14 PM	583LM	LONGMIRE	Vegetation	2	112	56
Oct-03	D-Line_Forced	10/26/03	8:21:00 PM	10/26/03	9:17:11 PM	576CN	CONROE BULK	Equipment Failure	1	27	27
Oct-03	D-Line_Forced	10/26/03	9:03:00 PM	10/26/03	9:30:30 PM	113MC	MCHALE	Vegetation	253	15,686	62
Oct-03	D-Line_Forced	10/26/03	10:58:00 PM	10/26/03	11:59:57 PM	477MD	MCDONALD	Vegetation	1	123	123
Oct-03	D-Line_Forced	10/26/03	11:37:00 PM	10/27/03	1:40:13 AM	232ST	STOWELL	Equipment Failure	1	63,444	68
Oct-03	D-Line_Forced	10/26/03	11:45:00 PM	10/27/03	12:53:09 AM	477MD	MCDONALD	Vegetation	2	216	108
Oct-03	D-Line_Forced	10/27/03	5:27:00 AM	10/27/03	7:15:12 AM	241WS	WINSHIRE	Animal	1	176	176
Oct-03	D-Line_Forced	10/27/03	6:34:00 AM	10/27/03	9:30:20 AM	121EL	ELIZABETH	Equipment Failure	1	81	81
Oct-03	D-Line_Forced	10/27/03	7:04:00 AM	10/27/03	8:25:29 AM	309SP	SPLENDORA	Equipment Failure	49	2,744	56
Oct-03	D-Line_Forced	10/27/03	7:08:00 AM	10/27/03	8:03:56 AM	268RV	RIVTRIN	Equipment Failure	2	116	58
Oct-03	D-Line_Forced	10/27/03	7:32:00 AM	10/27/03	8:30:34 AM	138CI	CALDWELL INDUSTRIAL	Lightning	2	48	24
Oct-03	D-Line_Forced	10/27/03	7:36:00 AM	10/27/03	8:00:26 AM	392WO	WEST ORANGE	Animal	61	1,464	24
Oct-03	D-Line_Forced	10/27/03	7:37:00 AM	10/27/03	8:01:12 AM	538LA	LACON	Other	1	57	57
Oct-03	D-Line_Forced	10/27/03	7:39:00 AM	10/27/03	8:35:46 AM	567CR	CRYSTAL	Lightning	55	5,665	103
Oct-03	D-Line_Forced	10/27/03	7:58:00 AM	10/27/03	9:40:42 AM	122EL	ELIZABETH	Equipment Failure	1	53	53
Oct-03	D-Line_Forced	10/27/03	7:59:00 AM	10/27/03	8:51:50 AM	161VD	VIDOR	Vegetation	5	165	33
Oct-03	D-Line_Forced	10/27/03	8:12:00 AM	10/27/03	8:45:29 AM	48PTN	PORT NECHES	Animal	1	32	32
Oct-03	D-Line_Forced	10/27/03	8:13:00 AM	10/27/03	8:45:04 AM	33BRC	BRIARCLIFF	Lightning	2	54	27
Oct-03	D-Line_Forced	10/27/03	8:24:00 AM	10/27/03	8:50:49 AM	70ECH	ECHO	Equipment Failure	9	549	61
Oct-03	D-Line_Forced	10/27/03	12:08:00 PM	10/27/03	1:09:04 PM	363BD	BRIDGE CITY	Equipment Failure	13	390	30
Oct-03	D-Line_Forced	10/27/03	1:01:00 PM	10/27/03	1:30:45 PM	36KOL	KOLBS	Other	2	296	148
Oct-03	D-Line_Forced	10/27/03	1:25:00 PM	10/27/03	3:53:32 PM	241WS	WINSHIRE	Equipment Failure	1	38	38
Oct-03	D-Line_Forced	10/27/03	1:49:00 PM	10/27/03	2:26:39 PM	201SD	SANDY SHORES	Human Error	4	188	47
Oct-03	D-Line_Forced	10/27/03	2:06:00 PM	10/27/03	2:52:36 PM	158HA	HAMPTON	Vegetation	1	393	393
Oct-03	D-Line_Forced	10/27/03	2:42:00 PM	10/27/03	9:15:09 PM	37KOL	KOLBS	Equipment Failure	3	162	54
Oct-03	D-Line_Forced	10/27/03	3:11:00 PM	10/27/03	4:05:25 PM	671MA	MAYHAW	Animal	1	99	99
Oct-03	D-Line_Forced	10/27/03	4:21:00 PM	10/27/03	6:00:27 PM	211BA	BAYSHORE	Animal	3	255	85
Oct-03	D-Line_Forced	10/27/03	4:51:00 PM	10/27/03	6:15:55 PM	213BA	BAYSHORE	Animal	22	1,540	70
Oct-03	D-Line_Forced	10/27/03	5:14:00 PM	10/27/03	6:24:11 PM	120EL	ELIZABETH	Animal	22	1,188	54
Oct-03	D-Line_Forced	10/27/03	5:17:00 PM	10/27/03	6:10:37 PM	71TECH	ECHO	Other	62	2,294	37
Oct-03	D-Line_Forced	10/27/03	5:26:00 PM	10/27/03	6:03:09 PM	24HKS	HANKS	Animal	13	1,196	92
Oct-03	D-Line_Forced	10/27/03	5:28:00 PM	10/27/03	7:00:30 PM	725DY	DAYTON BULK	Other	4	332	83
Oct-03	D-Line_Forced	10/27/03	6:53:00 PM	10/27/03	8:15:49 PM	744DA	DAISETTA	Equipment Failure	3	165	55
Oct-03	D-Line_Forced	10/27/03	7:55:00 PM	10/27/03	8:50:33 PM	127SO	SOMERVILLE	Vegetation			

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forc	10/28/03	3:22:00 AM	10/28/03	4:28:45 AM	462SI	SILSBEE	Vegetation	759	50,853	67
Oct-03	D-Line_Forc	10/28/03	7:49:00 AM	10/28/03	8:50:59 AM	3638D	BRIDGE CITY	Equipment Failure	40	2,480	62
Oct-03	D-Line_Forc	10/28/03	7:58:00 AM	10/28/03	8:54:53 AM	406CV	CLEVELAND	Equipment Failure	5	285	57
Oct-03	D-Line_Forc	10/28/03	8:25:00 AM	10/28/03	9:30:53 AM	335NC	NEW CANEY	Animal	2	132	66
Oct-03	D-Line_Forc	10/28/03	8:32:00 AM	10/28/03	9:35:09 AM	208HA	HANKAMER	Equipment Failure	5	315	63
Oct-03	D-Line_Forc	10/28/03	8:51:00 AM	10/28/03	9:20:01 AM	584LM	LONGMIRE	Vegetation	43	1,247	29
Oct-03	D-Line_Forc	10/28/03	9:01:00 AM	10/28/03	10:10:40 AM	3638D	BRIDGE CITY	Equipment Failure	16	1,120	70
Oct-03	D-Line_Forc	10/28/03	9:08:00 AM	10/28/03	9:39:38 AM	724DY	DAYTON BULK	Animal	27	864	32
Oct-03	D-Line_Forc	10/28/03	9:23:00 AM	10/28/03	10:25:55 AM	307FR	FRONT STREET	Animal	8	504	63
Oct-03	D-Line_Forc	10/28/03	9:28:00 AM	10/28/03	10:40:08 AM	114DR	DORMAN	Animal	2	144	72
Oct-03	D-Line_Forc	10/28/03	9:56:00 AM	10/28/03	10:57:47 AM	477MD	MCDONALD	Other	10	620	62
Oct-03	D-Line_Forc	10/28/03	10:18:00 AM	10/28/03	11:00:15 AM	632WT	WYNTEX	Animal	3	126	42
Oct-03	D-Line_Forc	10/28/03	10:40:00 AM	10/28/03	11:45:57 AM	137TG	TANGLEWOOD	Animal	7	462	66
Oct-03	D-Line_Forc	10/28/03	10:49:00 AM	10/28/03	11:33:45 AM	570CR	CRYSTAL	Vegetation	3	135	45
Oct-03	D-Line_Forc	10/28/03	11:12:00 AM	10/28/03	3:42:33 PM	743DA	DAISETTA	Equipment Failure	6	1,620	270
Oct-03	D-Line_Forc	10/28/03	11:17:00 AM	10/28/03	11:58:41 AM	361BD	BRIDGE CITY	Animal	3	126	42
Oct-03	D-Line_Forc	10/28/03	11:17:00 AM	10/28/03	11:58:42 AM	361BD	BRIDGE CITY	Animal	32	1,344	42
Oct-03	D-Line_Forc	10/28/03	11:54:00 AM	10/28/03	12:45:41 PM	317TA	TAMINA	Animal	8	416	52
Oct-03	D-Line_Forc	10/28/03	12:11:00 PM	10/28/03	1:30:31 PM	233ST	STOWELL	Animal	1	79	79
Oct-03	D-Line_Forc	10/28/03	12:11:00 PM	10/28/03	1:36:59 PM	47NS	NORTH SILSBEE	Public Damage	1	86	86
Oct-03	D-Line_Forc	10/28/03	12:39:00 PM	10/28/03	2:20:43 PM	163VD	VIDOR	Equipment Failure	2	204	102
Oct-03	D-Line_Forc	10/28/03	1:04:00 PM	10/28/03	1:22:38 PM	102CD	CROWDER	Other	143	2,717	19
Oct-03	D-Line_Forc	10/28/03	1:09:00 PM	10/28/03	2:05:06 PM	819MD	MIDWAY	Other	2	112	56
Oct-03	D-Line_Forc	10/28/03	1:23:00 PM	10/28/03	2:15:01 PM	568DC	DOUCETTE	Animal	2	104	52
Oct-03	D-Line_Forc	10/28/03	1:45:00 PM	10/28/03	2:05:18 PM	905NA	NAVASOTA	Other	56	1,120	20
Oct-03	D-Line_Forc	10/28/03	2:05:00 PM	10/28/03	2:35:00 PM	702GL	GOSLIN	Public Damage	32	960	30
Oct-03	D-Line_Forc	10/28/03	2:14:00 PM	10/28/03	3:50:00 PM	360BD	BRIDGE CITY	Public Damage	28	2,940	105
Oct-03	D-Line_Forc	10/28/03	3:18:00 PM	10/28/03	2:50:32 PM	269RV	RIVTRIN	Equipment Failure	3	108	36
Oct-03	D-Line_Forc	10/28/03	3:27:00 PM	10/28/03	6:13:31 PM	74RAY	RAYWOOD	Vegetation	30	5,250	175
Oct-03	D-Line_Forc	10/28/03	3:38:00 PM	10/28/03	4:00:26 PM	506WR	WARREN	Equipment Failure	1	33	33
Oct-03	D-Line_Forc	10/28/03	3:44:00 PM	10/28/03	4:20:33 PM	905NA	NAVASOTA	Animal	2	84	42
Oct-03	D-Line_Forc	10/28/03	4:02:00 PM	10/28/03	4:25:10 PM	123EL	ELIZABETH	Animal	1	41	41
Oct-03	D-Line_Forc	10/28/03	4:13:00 PM	10/28/03	5:35:20 PM	70ECH	ECHO	Equipment Failure	21	1,953	93
Oct-03	D-Line_Forc	10/28/03	5:23:00 PM	10/28/03	4:59:29 PM	920DO	DOBBIN	Equipment Failure	1	46	46
Oct-03	D-Line_Forc	10/28/03	5:46:00 PM	10/28/03	7:40:08 PM	333NC	NEW CANEY	Equipment Failure	1	137	137
Oct-03	D-Line_Forc	10/28/03	5:46:00 PM	10/28/03	7:00:48 PM	724DY	DAYTON BULK	Animal	3	75	75
Oct-03	D-Line_Forc	10/28/03	5:59:00 PM	10/28/03	7:15:52 PM	598TA	TAMINA	Equipment Failure	100	3,200	32
Oct-03	D-Line_Forc	10/28/03	6:24:00 PM	10/28/03	6:30:57 PM	333NC	NEW CANEY	Vegetation	2	134	67
Oct-03	D-Line_Forc	10/28/03	8:05:00 PM	10/28/03	7:30:35 PM	634WT	WYNTEX	Animal	2	47	47
Oct-03	D-Line_Forc	10/29/03	7:31:00 AM	10/29/03	8:52:22 PM	107HM	HUMPHREY	Animal	1	47	47
Oct-03	D-Line_Forc	10/29/03	7:49:00 AM	10/29/03	8:35:35 AM	307SP	SPLENDORA	Animal	162	7,614	47
Oct-03	D-Line_Forc	10/29/03	9:19:00 AM	10/29/03	10:10:06 AM	325CO	COROREY	Animal	2	510	51
Oct-03	D-Line_Forc	10/29/03	10:51:00 AM	10/29/03	11:45:17 AM	592WR	WARREN	Vegetation	14	756	54
Oct-03	D-Line_Forc	10/29/03	11:07:00 AM	10/29/03	11:54:44 AM	566CR	CRYSTAL	Public Damage	3	144	48
Oct-03	D-Line_Forc	10/29/03	11:15:00 AM	10/29/03	1:15:27 PM	130VI	VIRGINIA	Equipment Failure	2	240	120
Oct-03	D-Line_Forc	10/29/03	11:23:00 AM	10/29/03	1:45:14 AM	35KOL	KOLBS	Animal	35	770	22
Oct-03	D-Line_Forc	10/29/03	11:59:00 AM	10/29/03	12:20:07 PM	538LA	LACON	Animal	2	42	21
Oct-03	D-Line_Forc	10/29/03	12:05:00 PM	10/29/03	1:10:53 PM	425CV	CLEVELAND	Equipment Failure	21	1,386	66
Oct-03	D-Line_Forc	10/29/03	1:11:00 PM	10/29/03	2:45:31 PM	152RS	ROSEDALE	Animal	2	188	94
Oct-03	D-Line_Forc	10/29/03	1:31:00 PM	10/29/03	2:30:43 PM	307SP	SPLENDORA	Equipment Failure	16	960	60
Oct-03	D-Line_Forc	10/29/03	2:06:00 PM	10/29/03	4:22:30 PM	31BRC	BRIARCLIFF	Animal	6	816	136
Oct-03	D-Line_Forc	10/29/03	2:24:00 PM	10/29/03	3:10:34 PM	925TG	STONEGATE	Equipment Failure	4	188	67
Oct-03	D-Line_Forc	10/29/03	3:33:00 PM	10/29/03	4:40:07 PM	362BD	BRIDGE CITY	Human Error	9	603	47
Oct-03	D-Line_Forc	10/29/03	9:18:00 PM	10/29/03	10:05:40 PM	269RV	RIVTRIN	Equipment Failure	1	48	48

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Forced	10/29/03	9:19:00 PM	10/29/03	10:25:06 PM	382MC	MCLEWIS	Other	14	924	66
Oct-03	D-Line_Forced	10/29/03	10:13:00 PM	10/30/03	12:01:26 AM	594WD	WOODVILLE	Equipment Failure	17	1,836	108
Oct-03	D-Line_Forced	10/30/03	6:25:00 AM	10/30/03	7:43:45 AM	333NC	NEW CANEY	Equipment Failure	1	79	79
Oct-03	D-Line_Forced	10/30/03	6:33:00 AM	10/30/03	7:50:48 AM	567CR	CRYSTAL	Vegetation	27	2,106	78
Oct-03	D-Line_Forced	10/30/03	6:48:00 AM	10/30/03	7:40:42 AM	155BE	BEVIL	Animal	8	424	53
Oct-03	D-Line_Forced	10/30/03	7:38:00 AM	10/30/03	7:57:27 AM	363BD	BRIDGE CITY	Equipment Failure	7	133	19
Oct-03	D-Line_Forced	10/30/03	7:49:00 AM	10/30/03	8:15:30 AM	309SP	SPLENDORA	Animal	2	52	26
Oct-03	D-Line_Forced	10/30/03	7:56:00 AM	10/30/03	8:25:41 AM	538LA	LACON	Animal	1	30	30
Oct-03	D-Line_Forced	10/30/03	8:46:00 AM	10/30/03	9:51:38 AM	809PD	PEE DEE	Equipment Failure	2	132	66
Oct-03	D-Line_Forced	10/30/03	9:23:00 AM	10/30/03	10:45:31 AM	744DA	DAISSETTA	Vegetation	2	1,743	83
Oct-03	D-Line_Forced	10/30/03	9:41:00 AM	10/30/03	10:07:52 AM	326CO	CORDREY	Vegetation	21	8,343	27
Oct-03	D-Line_Forced	10/30/03	9:57:00 AM	10/30/03	10:40:32 AM	781EG	EASTGATE	Vegetation	309	43	43
Oct-03	D-Line_Forced	10/30/03	10:16:00 AM	10/30/03	12:25:19 PM	251KP	KICKAPOO	Equipment Failure	1	747	249
Oct-03	D-Line_Forced	10/30/03	10:33:00 AM	10/30/03	12:20:54 PM	61GRO	GROVES	Lightning	4	432	108
Oct-03	D-Line_Forced	10/30/03	11:22:00 AM	10/30/03	1:30:43 PM	213BA	BAYSHORE	Equipment Failure	4	5,289	129
Oct-03	D-Line_Forced	10/30/03	11:36:00 AM	10/30/03	3:14:45 PM	13BEK	BREKOS	Vegetation	6	1,314	219
Oct-03	D-Line_Forced	10/30/03	12:35:00 PM	10/30/03	2:35:59 PM	716ME	METRO	Equipment Failure	26	1,248	48
Oct-03	D-Line_Forced	10/30/03	12:58:00 PM	10/30/03	2:35:27 PM	240WS	WINSHIRE	Other	74	7,178	97
Oct-03	D-Line_Forced	10/30/03	1:00:00 PM	10/30/03	1:25:03 PM	25HRN	HEARNE	Equipment Failure	1	25	25
Oct-03	D-Line_Forced	10/30/03	1:37:00 PM	10/30/03	2:35:27 PM	307FR	FRONT STREET	Lightning	1	58	58
Oct-03	D-Line_Forced	10/30/03	2:09:00 PM	10/30/03	2:25:19 PM	307FR	FRONT STREET	Public Damage	6	96	16
Oct-03	D-Line_Forced	10/30/03	2:09:00 PM	10/30/03	3:04:02 PM	307FR	FRONT STREET	Public Damage	16	880	55
Oct-03	D-Line_Forced	10/30/03	3:07:00 PM	10/30/03	4:30:42 PM	261TR	TRINITY	Public Damage	30	2,520	84
Oct-03	D-Line_Forced	10/30/03	3:45:00 PM	10/30/03	4:20:46 PM	104SL	SOUR LAKE	Animal	2	72	36
Oct-03	D-Line_Forced	10/30/03	5:12:00 PM	10/30/03	5:50:50 PM	545PL	PLANTATION	Vegetation	3	117	39
Oct-03	D-Line_Forced	10/30/03	7:59:00 PM	10/30/03	10:25:42 PM	155BE	BEVIL	Vegetation	1	147	147
Oct-03	D-Line_Forced	10/31/03	11:38:00 PM	10/31/03	12:30:15 AM	92CHI	CHINA	Other	4	208	52
Oct-03	D-Line_Forced	10/31/03	5:52:00 AM	10/31/03	6:55:32 AM	425CV	CLEVELAND	Vegetation	9	576	64
Oct-03	D-Line_Forced	10/31/03	6:35:00 AM	10/31/03	7:05:18 AM	593WD	WOODVILLE	Animal	5	150	30
Oct-03	D-Line_Forced	10/31/03	8:08:00 AM	10/31/03	9:00:39 AM	808PD	PEE DEE	Animal	1	53	53
Oct-03	D-Line_Forced	10/31/03	8:49:00 AM	10/31/03	9:10:52 AM	155BE	BEVIL	Animal	3	66	22
Oct-03	D-Line_Forced	10/31/03	8:49:00 AM	10/31/03	9:20:06 AM	22YAN	YANKEE DOODLE	Animal	4	124	31
Oct-03	D-Line_Forced	10/31/03	8:49:00 AM	10/31/03	9:20:15 AM	22YAN	YANKEE DOODLE	Animal	4	124	31
Oct-03	D-Line_Forced	10/31/03	9:56:00 AM	10/31/03	2:15:30 PM	566CR	CRYSTAL	Equipment Failure	16	496	31
Oct-03	D-Line_Forced	10/31/03	11:13:00 AM	10/31/03	12:16:33 PM	75JRU	JIROU	Equipment Failure	1	257	257
Oct-03	D-Line_Forced	10/31/03	1:15:00 PM	10/31/03	2:25:00 PM	539LA	LACON	Equipment Failure	41	2,624	64
Oct-03	D-Line_Forced	10/31/03	1:37:00 PM	10/31/03	2:14:51 PM	432KT	MAGNOLIA AMES	Vegetation	3	210	70
Oct-03	D-Line_Forced	10/31/03	1:49:00 PM	10/31/03	4:35:16 PM	711MG	KOUNTZE BULK	Public Damage	4	712	178
Oct-03	D-Line_Forced	10/31/03	2:46:00 PM	10/31/03	4:16:12 PM	35KOL	KOLBS	Animal	14	364	26
Oct-03	D-Line_Forced	10/31/03	3:41:00 PM	10/31/03	4:15:16 PM	325CO	CORDREY	Animal	1	90	90
Oct-03	D-Line_Forced	10/31/03	3:47:00 PM	10/31/03	4:15:16 PM	309SP	SPLENDORA	Animal	21	714	34
Oct-03	D-Line_Forced	10/31/03	3:50:00 PM	10/31/03	4:45:27 PM	380MC	MCLEWIS	Animal	3	174	58
Oct-03	D-Line_Forced	10/31/03	4:32:00 PM	10/31/03	5:00:21 PM	137TG	TANGLEWOOD	Equipment Failure	1	70	70
Oct-03	D-Line_Forced	10/31/03	8:57:00 PM	10/31/03	9:45:51 PM	811PD	PEE DEE	Other	18	1,728	96
Oct-03	D-Line_Forced	10/31/03	10:11:00 PM	10/31/03	11:10:59 PM	155BE	BEVIL	Equipment Failure	3	147	49
Oct-03	D-Line_Forced	10/31/03		10/31/03				Equipment Failure	14	840	60
<b>Totals</b>											
Oct-03	D-Line_Forced								<b>40,025</b>	<b>3,229,764</b>	

Mo.-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	D-Line_Scheduled	10/1/03	10:55:00 AM	10/1/03	11:13:49 AM	155BE	BEVIL	Scheduled Outage	16	304	19
Oct-03	D-Line_Scheduled	10/5/03	6:05:00 PM	10/5/03	6:28:17 PM	55FTW	FORT WORTH	Scheduled Outage	16	368	23
Oct-03	D-Line_Scheduled	10/7/03	9:25:00 AM	10/7/03	10:50:09 AM	336NC	NEW CANEY	Scheduled Outage	38	3,230	85
Oct-03	D-Line_Scheduled	10/8/03	9:10:00 AM	10/8/03	9:35:49 AM	333NC	NEW CANEY	Scheduled Outage	122	3,172	26
Oct-03	D-Line_Scheduled	10/8/03	11:33:00 AM	10/8/03	1:20:59 PM	106HM	HUMPHREY	Scheduled Outage	6	648	108
Oct-03	D-Line_Scheduled	10/8/03	1:57:00 PM	10/8/03	2:07:02 PM	724DY	DAYTON BULK	Scheduled Outage	45	450	10
Oct-03	D-Line_Scheduled	10/9/03	9:06:00 AM	10/9/03	9:15:45 AM	141LV	LOVELLS LAKE	Scheduled Outage	11	110	10
Oct-03	D-Line_Scheduled	10/9/03	9:30:00 AM	10/9/03	10:20:55 AM	80WED	WEST END	Scheduled Outage	40	2,040	51
Oct-03	D-Line_Scheduled	10/9/03	9:55:00 AM	10/9/03	10:10:34 AM	122EL	ELIZABETH	Scheduled Outage	1	16	16
Oct-03	D-Line_Scheduled	10/13/03	7:21:00 AM	10/14/03	8:05:22 PM	724DY	DAYTON BULK	Scheduled Outage	6	108	18
Oct-03	D-Line_Scheduled	10/14/03	4:47:00 PM	10/14/03	5:35:57 AM	570CR	CRYSTAL	Scheduled Outage	2	150	75
Oct-03	D-Line_Scheduled	10/14/03	8:00:00 AM	10/14/03	11:00:09 AM	4LAS	LAKESIDE	Scheduled Outage	1	180	180
Oct-03	D-Line_Scheduled	10/14/03	8:21:00 AM	10/14/03	9:10:25 AM	564WD	WALDEN	Scheduled Outage	1	49	49
Oct-03	D-Line_Scheduled	10/14/03	8:37:00 AM	10/14/03	9:18:10 AM	570CR	CRYSTAL	Scheduled Outage	2	82	41
Oct-03	D-Line_Scheduled	10/14/03	8:37:00 AM	10/14/03	9:18:42 AM	570CR	CRYSTAL	Scheduled Outage	4	168	42
Oct-03	D-Line_Scheduled	10/14/03	9:19:00 AM	10/14/03	10:00:13 AM	570CR	CRYSTAL	Scheduled Outage	3	123	41
Oct-03	D-Line_Scheduled	10/14/03	9:19:00 AM	10/14/03	10:00:21 AM	570CR	CRYSTAL	Scheduled Outage	5	205	41
Oct-03	D-Line_Scheduled	10/14/03	9:19:00 AM	10/14/03	10:00:49 AM	570CR	CRYSTAL	Scheduled Outage	2	84	42
Oct-03	D-Line_Scheduled	10/14/03	2:05:00 PM	10/14/03	2:40:09 PM	591AP	APRIL	Scheduled Outage	2	70	35
Oct-03	D-Line_Scheduled	10/14/03	2:45:00 PM	10/14/03	3:05:48 PM	591AP	APRIL	Scheduled Outage	2	42	21
Oct-03	D-Line_Scheduled	10/14/03	3:10:00 PM	10/14/03	3:30:20 PM	591AP	APRIL	Scheduled Outage	4	80	20
Oct-03	D-Line_Scheduled	10/15/03	10:16:00 AM	10/15/03	10:40:13 AM	577CN	CONROE BULK	Scheduled Outage	4	96	24
Oct-03	D-Line_Scheduled	10/17/03	4:10:00 PM	10/17/03	4:26:58 PM	507CN	CONROE BULK	Scheduled Outage	2	34	17
Oct-03	D-Line_Scheduled	10/20/03	10:59:00 AM	10/20/03	11:05:19 AM	240WS	WINSHIRE	Scheduled Outage	2	12	6
Oct-03	D-Line_Scheduled	10/20/03	2:15:00 PM	10/20/03	3:30:12 PM	540LA	LACON	Scheduled Outage	5	375	75
Oct-03	D-Line_Scheduled	10/20/03	3:41:00 PM	10/20/03	4:50:37 PM	562LM	LONGMIRE	Scheduled Outage	3	210	70
Oct-03	D-Line_Scheduled	10/21/03	9:10:00 AM	10/21/03	10:40:00 AM	594WD	WOODVILLE	Scheduled Outage	81	7,290	90
Oct-03	D-Line_Scheduled	10/21/03	9:12:00 AM	10/21/03	9:28:35 AM	453KT	KOUNTZE	Scheduled Outage	4	68	17
Oct-03	D-Line_Scheduled	10/21/03	1:14:00 PM	10/21/03	1:30:02 PM	471NS	NORTH SILSBEE	Scheduled Outage	6	96	16
Oct-03	D-Line_Scheduled	10/22/03	8:45:00 AM	10/22/03	10:35:00 AM	593WD	WOODVILLE	Scheduled Outage	239	26,290	110
Oct-03	D-Line_Scheduled	10/22/03	9:41:00 AM	10/22/03	11:28:15 AM	92STG	STONEGATE	Scheduled Outage	6	642	107
Oct-03	D-Line_Scheduled	10/22/03	10:58:00 AM	10/22/03	11:30:39 AM	70ECH	ECHO	Scheduled Outage	1	33	33
Oct-03	D-Line_Scheduled	10/22/03	1:41:00 PM	10/22/03	1:55:28 PM	70ECH	ECHO	Scheduled Outage	2	28	14
Oct-03	D-Line_Scheduled	10/23/03	2:15:00 PM	10/23/03	2:51:45 PM	628TE	TEMCO	Scheduled Outage	10	370	37
Oct-03	D-Line_Scheduled	10/27/03	8:30:00 AM	10/27/03	12:00:20 PM	80WED	WEST END	Scheduled Outage	32	6,720	210
Oct-03	D-Line_Scheduled	10/28/03	8:31:00 AM	10/28/03	11:25:00 AM	35KOL	KOLBS	Scheduled Outage	6	1,044	174
Oct-03	D-Line_Scheduled	10/28/03	8:31:00 AM	10/28/03	11:25:00 AM	35KOL	KOLBS	Scheduled Outage	7	1,218	174
Oct-03	D-Line_Scheduled	10/28/03	9:24:00 AM	10/28/03	10:30:22 AM	80WED	WEST END	Scheduled Outage	11	726	66
Oct-03	D-Line_Scheduled	10/28/03	1:20:00 PM	10/28/03	2:30:04 PM	80WED	WEST END	Scheduled Outage	14	980	70
Oct-03	D-Line_Scheduled	10/28/03	1:20:00 PM	10/28/03	2:30:49 PM	80WED	WEST END	Scheduled Outage	12	852	71
Oct-03	D-Line_Scheduled	10/29/03	8:26:00 AM	10/29/03	9:30:09 AM	162VD	VIDOR	Scheduled Outage	17	1,088	64
Oct-03	D-Line_Scheduled	10/29/03	8:26:00 AM	10/29/03	9:30:57 AM	162VD	VIDOR	Scheduled Outage	4	260	65
Oct-03	D-Line_Scheduled	10/29/03	8:51:00 AM	10/29/03	10:40:51 AM	80WED	WEST END	Scheduled Outage	28	3,080	110
Oct-03	D-Line_Scheduled	10/29/03	11:15:00 AM	10/29/03	11:35:37 AM	525FA	PANORAMA	Scheduled Outage	7	147	21
Oct-03	D-Line_Scheduled	10/30/03	9:33:00 AM	10/30/03	10:23:00 AM	591AP	APRIL	Scheduled Outage	23	1,150	50
<b>Totals</b>											
Oct-03	D-Line_Scheduled								<b>855</b>	<b>64,488</b>	
Oct-03	Outside_Causes	10/9/03	5:04:00 PM	10/9/03	7:04:00 PM	63CRK	CROCKETT	Equipment Failure	1	120	120
Oct-03	Outside_Causes	10/14/03	12:37:00 PM	10/14/03	12:52:04 PM	4LAS	LAKESIDE	Equipment Failure	68	1,020	15
Oct-03	Outside_Causes	10/14/03	12:37:00 PM	10/14/03	12:52:14 PM	8LAS	LAKESIDE	Equipment Failure	38	570	15
Oct-03	Outside_Causes	10/14/03	12:37:00 PM	10/14/03	12:52:27 PM	L009F	LAKESIDE	Equipment Failure	554	8,310	15
Oct-03	Outside_Causes	10/14/03	12:37:00 PM	10/14/03	12:52:37 PM	5LAS	LAKESIDE	Equipment Failure	92	1,472	16
Oct-03	Outside_Causes	10/14/03	12:37:00 PM	10/14/03	1:37:05 PM	113WS	WESTSIDE	Equipment Failure	333	19,980	60
Oct-03	Outside_Causes	10/14/03	12:37:00 PM	10/14/03	1:37:51 PM	111WS	WESTSIDE	Equipment Failure	538	32,818	61
Oct-03	Outside_Causes	10/14/03	12:37:00 PM	10/14/03	1:37:59 PM	112WS	WESTSIDE	Equipment Failure	478	29,158	61

Mo-Yr	Type of Interruption	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
Oct-03	Outside_Causes	10/14/03	12:41:00 PM	10/14/03	1:34:28 PM	73BLB	BLUE BONNET	Equipment Failure	378	20,034	53
Oct-03	Outside_Causes	10/14/03	12:42:00 PM	10/14/03	1:56:20 PM	87DQJ	DE QUEEN	Equipment Failure	206	15,244	74
Oct-03	Outside_Causes	10/14/03	12:42:00 PM	10/14/03	1:56:46 PM	86DQJ	DE QUEEN	Equipment Failure	290	21,750	75
Oct-03	Outside_Causes	10/14/03	12:43:00 PM	10/14/03	1:56:54 PM	84DQJ	DE QUEEN	Equipment Failure	350	25,900	74
Oct-03	Outside_Causes	10/14/03	12:44:00 PM	10/14/03	12:52:44 PM	50FTW	FORT WORTH	Equipment Failure	244	2,196	9
Oct-03	Outside_Causes	10/14/03	12:44:00 PM	10/14/03	12:52:47 PM	54FTW	FORT WORTH	Equipment Failure	139	1,251	9
Oct-03	Outside_Causes	10/14/03	12:45:00 PM	10/14/03	12:52:15 PM	53FTW	FORT WORTH	Equipment Failure	10	70	7
Oct-03	Outside_Causes	10/14/03	12:45:00 PM	10/14/03	12:52:57 PM	51FTW	FORT WORTH	Equipment Failure	365	2,920	8
Oct-03	Outside_Causes	10/21/03	1:36:48 PM	10/21/03	1:51:54 PM	304NC	NEW CANEY	Human Error	1,679	25,185	15
Oct-03	Outside_Causes	10/26/03	7:02:00 PM	10/26/03	11:31:20 PM	55AVR	AVERILL	Other	175	47,075	269
Oct-03	Outside_Causes	10/26/03	7:02:00 PM	10/26/03	11:31:40 PM	56AVR	AVERILL	Other	236	63,720	270
Oct-03	Outside_Causes	10/26/03	7:02:00 PM	10/26/03	11:31:56 PM	57AVR	AVERILL	Other	109	29,430	270
Oct-03	Outside_Causes	10/30/03	7:49:00 PM	10/30/03	9:05:11 PM	162VD	VIDOR	Equipment Failure	1	76	76
<b>Oct-03</b>	<b>Outside_Causes</b>								<b>6,284</b>	<b>348,299</b>	

**Totals**

**Grand Totals**

**47,164 3,642,551**

ENTERGY GULF STATES, INC.  
PUBLIC UTILITY COMMISSION OF TEXAS  
Docket No. Project 29165 2003 Electric System Service Quality Report

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of Requesting Party: Commission Staff

Prepared By: John Killingsworth, Michael  
C. Grumich  
Sponsoring Witness:  
Beginning Sequence No.  
Ending Sequence No.

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Question No.: STAFF 1-2

Part No.:

Addendum:

Question:

Provide the number of significant interruptions sustained during 2003 and the number lasting more than 24 hours. [Subst. R§25.52(c)(5) and §25.52(e)(2)]

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Response:

As specified within Subst. R§25.52(c)(5), a significant interruption is:

1. One lasting one hour or more and also affecting a) the entire Texas system, b) a major division, c) a community, d) a critical load, or e) service to interruptible customers.
2. A scheduled interruption lasting more than 4 hours that affects customers that are not notified in advance.
3. For Entergy Texas, one that affects more than 20,000 customers.
4. One adversely affecting a community such as interruption to: a) governmental agencies, b) military bases, c) universities or schools, d) major retail centers, or e) major employers.



Question No.: STAFF 1-2

Based upon this definition, the significant interruptions were as follows:

1. Interruptions that lasted at least one hour and affected at least one of the ten Texas networks were analyzed day-by-day. There were 7,057 such interruptions that were grouped within 2,345 network-days. Of these higher outage days there were only six that affected more than 10% of the customers in the network. These outages were as follows:

Network	Off Date	Outage Case Count	Customer Interruptions	Customer Minutes	Network Cust Served	% of Network Cust Out
Port Arthur	5/11/2003	10	6,742	862,820	49,382	13.7%
New Caney	3/18/2003	50	4,600	612,074	34,665	13.3%
Huntsville	8/11/2003	30	4,194	596,320	29,082	14.4%
Navasota	2/25/2003	17	1,711	391,900	12,765	13.4%
Navasota	10/5/2003	14	1,282	281,273	12,765	10.0%
Navasota	7/11/2003	8	1,281	104,048	12,765	10.0%

2. There were 418 scheduled interruptions in 2003, of which only 31 lasted more than 4 hours. The interruption record does not identify customers that have not been notified in advance. However, the operating practice for scheduled interruptions is to provide advanced notice to the affected customers, if at all possible. Customer effect can be determined by the number of customer call received. There were zero customer calls for 42% of the 418 scheduled interruptions and 65% of the 31 outages that were longer than 4 hour.
3. There were no interruptions that affected more than 20,000 customers.
4. The detailed interruption record includes the number of customers interrupted, but does not identify those customers as residential, commercial, governmental agency, military base, university, etc.

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 C. Grumich  
 Sponsoring Witness:  
 Beginning Sequence No.  
 Ending Sequence No.

Question No.: STAFF 1-3

Part No.:

Addendum:

Question:

Provide the number of forced interruptions attributable to each cause shown on the 2003 Service Quality Report.

Response:

The number of forced interruptions by cause, as shown on the 2003 Service Quality Report, is as follows:

<b>Causes of Forced Interruptions</b>	<b>Percentage</b>	<b>Number of Customer Interruptions</b>
Weather (Including Lightning)	18.43%	106,419
Vegetation	22.96%	132,541
Animals and Birds	5.80%	33,464
People (Including cars & farm equip)	14.00%	80,808
Utility-owned Equipment	28.03%	161,834
Other	5.81%	33,556
Unknown	4.98%	28,766
<b>Total</b>	<b>100.00%</b>	<b>577,388</b>

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Prepared By: John Killingsworth, Michael  
C. Grumich  
Sponsoring Witness:  
Beginning Sequence No.  
Ending Sequence No.

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Question No.: STAFF 1-4

Part No.:

Addendum:

Question:

Describe the methodology used to calculate the annual average SAIFI value for each interruption class shown on the 2003 Service Quality Report. Include a description of the data used for the calculations.

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Response:

See below the methodology Entergy uses to calculate the annual average SAIFI and SAIDI values for each interruption class. It is specified in the definition of the Reliability indices [Substantive Rules §25.52(c)(6)(A & B)]:

**“(6) Reliability Indices:**

**(A) System Average Interruption Frequency Index (SAIFI)** - The average number of times that a customer's service is interrupted. SAIFI is calculated by summing the number of customers interrupted for each event and dividing by the total number of customers on the system being indexed. A lower SAIFI value represents a higher level of service reliability.

**(B) System Average Interruption Duration Index (SAIDI)** - The average amount of time a customer's service is interrupted during the reporting period. SAIDI is calculated by summing the restoration time for each interruption event times the number of customers interrupted for each event, and dividing by the total number of customers. SAIDI is expressed in minutes or hours. A lower SAIDI value represents a higher level of service reliability.”

Question No.: STAFF 1-4

The interruption record data used for the calculations were:

- The type of interruption.
- The number of customers interrupted for each event.
- The interruption event number of customer minutes, which is the product of the number of customers interrupted for each event and the duration in minutes of each interruption event.
- The total number of customers served by Entergy-Texas.

The following tables provide the 2003 SAIFI and SAIDI results for each interruption class, as well as the associated Customer Interruptions and Customer Minutes.

Energy-TX 2003 Customers = 362,116

System SAIFI	Annual 2003	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03
Forced 2003 SAIFI	1.59	0.08	0.08	0.14	0.10	0.14	0.14	0.19	0.28	0.15	0.11	0.11	0.07
2003 Customer Interruptions	577,388	28,869	27,797	51,691	36,553	49,918	51,739	69,736	101,903	54,181	40,025	39,489	25,487
Scheduled 2003 SAIFI	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003 Customer Interruptions	7,199	179	430	1,008	405	383	516	218	963	482	855	1,509	251
Outside Causes 2003 SAIFI	0.41	0.04	0.01	0.09	0.02	0.09	0.01	0.01	0.05	0.02	0.02	0.03	0.03
2003 Customer Interruptions	147,203	13,304	2,683	33,937	6,492	31,055	3,069	4,623	19,214	7,634	6,284	9,180	9,728
Major Events 2003 SAIFI	0.32	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.16	0.00
2003 Customer Interruptions	117,414	-	-	-	-	-	60,879	-	-	-	-	56,535	-

System SAIDI	Annual 2003	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03
Forced 2003 SAIDI	122.40	5.62	6.70	11.64	7.28	11.74	10.80	13.84	22.82	10.86	8.92	8.12	4.06
2003 Customer Minutes	44,322,315	2,036,275	2,427,876	4,215,541	2,634,701	4,252,591	3,912,614	5,010,337	8,263,114	3,930,817	3,229,764	2,938,947	1,469,738
Scheduled 2003 SAIDI	2.05	0.02	0.06	0.29	0.05	0.04	0.02	0.02	0.40	0.04	0.18	0.88	0.04
2003 Customer Minutes	741,866	8,609	23,029	105,454	16,785	15,776	8,415	7,466	146,352	15,096	64,488	316,948	13,448
Outside Causes 2003 SAIDI	29.59	3.17	0.12	4.26	0.12	10.98	0.82	0.83	3.30	1.69	0.96	1.96	1.37
2003 Customer Minutes	10,716,391	1,149,641	42,837	1,543,717	43,851	3,974,638	295,769	301,919	1,196,674	611,531	348,299	710,730	496,785
Major Events 2003 SAIDI	35.62	0.00	0.00	0.00	0.00	0.00	17.71	0.00	0.00	0.00	0.00	17.91	0.00
2003 Customer Minutes	12,898,564	-	-	-	-	-	6,413,404	-	-	-	-	6,485,160	-

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Prepared By: John Killingsworth, Michael  
C. Grumich  
Sponsoring Witness:  
Beginning Sequence No.  
Ending Sequence No.

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Question No.: STAFF 1-5

Part No.:

Addendum:

Question:

Describe the methodology used to calculate the annual average SAIDI value for each interruption class shown on the 2003 Service Quality Report. Include a description of the data used for the calculations.

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Response:

See the Company's response to Question No. STAFF 1-4.

ENTERGY GULF STATES, INC.  
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Prepared By: John Killingsworth, Michael  
C. Grumich  
Sponsoring Witness:  
Beginning Sequence No.  
Ending Sequence No.

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Question No.: STAFF 1-6

Part No.:

Addendum:

Question:

Describe the methodology used to calculate the system-wide SAIFI standard for 2003, and include a description of the data used for the calculation. Provide the standard for 2003 and provide the calculation showing how this standard was determined. [Subst. R. §25.52(f)(1)]

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Response:

See below the methodology Entergy uses to calculate the system-wide SAIFI & SAIDI standards for 2003. It is specified in the Substantive Rules §25.52(f)(1):

“(f) **System Reliability:**

(1) **System-wide standards.** The standards shall be unique to each utility based on the utility's performance, and may be adjusted by the commission if appropriate for weather or improvements in data acquisition systems. Interim standards shall be established for the 24-month period ending December 31, 1999. The interim standards shall be the system-wide average of the 1998 and the 1999 reporting years for each reliability index. The interim standards will be adjusted based on performance during the 36-month period ending December 31, 2000. The resulting standards will be the average of the three reporting years 1998, 1999, and 2000.”

See the Company's response to Question No. STAFF 1-4 for the interruption record data used in the calculations.

The following tables provide the SAIFI and SAIDI standards for 2003, as well as the system-wide reliability indices of the three reporting years 1998, 1999, and 2000.

Entergy-TX System SAIFI	Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1998 Forced	1.76	0.09	0.11	0.17	0.11	0.10	0.22	0.21	0.20	0.15	0.17	0.11	0.12
1999 Forced	1.87	0.16	0.06	0.12	0.11	0.21	0.18	0.19	0.25	0.17	0.14	0.10	0.18
2000 Forced	2.01	0.10	0.11	0.14	0.12	0.25	0.18	0.29	0.25	0.18	0.08	0.15	0.17
Standard = 3-year SAIFI Avg	1.88												
SAIFI Target = 105% * Standard	1.97												

Entergy-TX System SAIDI	Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1998 Forced	129.16	6.19	9.22	9.59	5.51	7.13	14.93	17.10	15.47	11.85	15.83	9.06	7.28
1999 Forced	148.64	17.05	4.97	8.49	7.80	22.51	11.10	12.95	19.90	14.64	10.43	6.12	12.67
2000 Forced	154.03	7.22	6.24	12.30	9.78	21.69	11.59	17.96	16.25	11.74	5.27	15.46	18.52
Standard = 3-year SAIDI Avg	143.94												
SAIDI Target = 105% * Standard	151.14												



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Prepared By: John Killingsworth, Michael  
C. Grumich  
Sponsoring Witness:  
Beginning Sequence No.  
Ending Sequence No.

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Question No.: STAFF 1-7

Part No.:

Addendum:

Question:

Describe the methodology used to calculate the system-wide SAIDI standard for 2003, and include a description of the data used for the calculation. Provide the standard for 2003 and provide the calculation showing how this standard was determined. [Subst. R. §25.52(0(1))]

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Response:

See the Company's response to Question No. STAFF 1-6.

ENTERGY GULF STATES, INC.  
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of Requesting Party: Commission Staff

Prepared By: Kyle E. Todd, Michael C.  
Grumich  
Sponsoring Witness:  
Beginning Sequence No.  
Ending Sequence No.

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Question No.: STAFF 1-8

Part No.:

Addendum:

Question:

Identify and list the feeders on the 2003 Service Quality Report that did not meet either the SAIDI or SAIFI requirements of Subst. R. §25.52(f)(2)(A). Explain why each feeder did not meet the requirements and what action(s) have been or will be taken to achieve compliance for the feeder (i.e., to prevent the feeder repeating for a third year).

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Response:

There were 14 unique feeders on the 2003 Service Quality Report that failed to meet the requirements of Subst. R. §25.52(f)(2)(A). These distribution feeders were among the highest (worst) 10% of feeders, based on SAIFI or SAIDI, for both 2002 and 2003. The following tables provide the 4-year historical results for these 14 feeders. In 2003 three of the feeders had improved SAIFI and six had improved SAIDI over their 2002 results. Half of these improvements were in the 27% to 56% range.

Please note that the System Average SAIFI and SAIDI both decreased by more than 20% from 2000 to 2003. Because the Entergy-Texas system has about 400 Distribution feeders, 40 feeders make up the highest 10% group. The annual SAIFI for the Position #40 feeder also decreased by more than 20% since 2000, while the annual SAIDI decreased by 18%. The following graphs illustrate the significant historical reliability improvement for the total Entergy-Texas system and specifically for the Position #40 feeder, which determines the cutoff of the 10% group.

Long feeders have more exposure and, thus, worse reliability than do shorter feeders. The 400 or so Texas feeders have an average length of 27.4 miles. Almost all of the non-complying feeders are longer than this average and 6 are more than 100 miles long. The number of outage per line mile reveals that the Texas system averaged 1.1 outages per Distribution line mile in 2003. Only two of the 14 feeders (336NC & 406CV) had outage rates higher than 1.3 outages per line mile.