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September 13, 2018

Ms. Brinda Westbrook-Sedgwick Commission Secretary Public Service Commission of the District of Columbia 1325 G Street, N.W., Suite 800 Washington DC, 20005

Re: Service Outage SO2018-06-E

Formerly Formal Case Nos. 982 and 1002

Dear Ms. Westbrook-Sedgwick:

Enclosed please find Potomac Electric Power Company's Monthly Outage Report for August 2018 pursuant to Order Nos. 15131, 15155, 15360, and 16569, issued December 2, 2008; January 12, 2009; August 9, 2009 and October 4, 2011 respectively, in the above-referenced proceeding.

Please feel free to contact me if you have any questions regarding this matter.

Sincerely,

Andrea H. Harper

ludies H. Herper

Enclosures

cc: All Parties of Record

Attachment 1

Service Outage SO2018-09-E
Formerly Formal Case Nos. 982 and 1002
Commission Order Nos. 15131 and 15360
Attachment 1
Sustained Interruptions
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	Nested ?		_		·	Construction	Outage Cause	Equipment Type	Customers Affected		Feeder
2353713	1	1/1/2018	0:08	2:27	139	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	12		15172
2353751	1	1/1/2018	5:29	7:40	131	Dist Primary - OH	Unknown	Unselected	11	1,441	367
2353783 2353785	1	1/1/2018	10:41 10:49	11:33 11:46	51 57	Dist Primary - OH Dist Primary - OH	Unknown	Unselected	33	51	14755 15197
2353763	1	1/1/2018	12:08	12:58	50	Dist Primary - OH	Unknown Load	Unselected Unselected	39	1,866 1,937	99
2353848	1	1/1/2018	16:55	18:38	102	Dist Secondary - UG	Equipment Failure	Cable	1	102	15461
2354338	1	1/2/2018	16:26	18:25	119	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	119	15021
2354363	1	1/2/2018	18:02	21:53	230	Dist Secondary - OH	Equipment Failure	Meter	1	230	15012
2354367	1	1/2/2018	18:07	21:15	188	Dist Primary - OH	Equipment Failure	Cutout	1	188	101
2354442	1	1/2/2018	23:25	3:48	263	Dist Secondary - OH	Motor Vehicle	Unselected	1	263	451
2354480	1	1/3/2018	4:43	5:11	28	Dist Primary - OH	Foreign Contact	Unselected	78		56
2354562	1	1/3/2018	7:36	9:05	88	Dist Primary - OH	Load	Unselected	58		348
2354583	1	1/3/2018	8:20	10:04	104	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	46	4,774	14023
2354680 2354765	1	1/3/2018	12:33	13:32	59	Dist Primary - OH	Foreign Contact	Unselected	33		15706
2354780	1	1/3/2018	16:52 17:49	18:40 18:35	107 46	Dist Primary - OH Dist Secondary - UG	Animal/Squirrel Employee	Fuse Unselected	1	107 46	15174 15206
2354861	1	1/4/2018	7:58	9:29	91	Dist Primary - OH	Unknown	Unselected	3		15950
2354875	1	1/4/2018	8:54	10:05	70	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	70	128
2354915	0	1/4/2018	10:55	20:59	604	Dist Primary - URD	Equipment Failure	Cable	5		14008
2354975	1	1/4/2018	12:37	15:09	152	Dist Secondary - UG	Equipment Failure	Cable	1	152	15769
2354915	1	1/4/2018	13:25	16:03	158	Dist Primary - URD	Equipment Failure	Cable	15	2,370	14008
2355191	1	1/4/2018	13:46	20:15	388	Dist Secondary - UG	Equipment Failure	Cable	1	388	15012
2355045	1	1/4/2018	14:25	1:00	635	Dist Primary - OH	Equipment Failure	Cable	1	635	15173
2355085	1	1/4/2018	16:08	17:46	98	Dist Primary - OH	Weather / Wind	Unselected	55		14987
2355149	1	1/4/2018	17:55	19:38	103	Dist Primary - OH	Equipment Failure	Cable	15		387
2355190	1	1/4/2018	19:28 19:38	21:21	112	Dist Secondary - OH Dist Secondary - UG	Equipment Failure	Connection(i.e. Loose)	1	112	323 14001
2355362 2356312	1	1/4/2018 1/4/2018	20:46	2:03 5:44	385 538	Dist Secondary - OH	Load Weather / Wind	Unselected Unselected	1	385 538	14001
2355223	1	1/4/2018	20:40	22:34	105	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	31	3,255	14987
2355250	1	1/4/2018	22:06	23:23	77	Dist Primary - UG	Unknown	Unselected	30	2,296	14788
2355339	1	1/5/2018	6:51	21:23	872	Dist Primary - UG	Equipment Failure	Transformer	202	176,144	15206
2355355	1	1/5/2018	8:17	10:06	108	Dist Secondary - URD	Vandalism	Unselected	1	108	14150
2355371	1	1/5/2018	8:36	10:40	124	Dist Primary - OH	Animal/Squirrel	Unselected	144	17,856	15085
2355441	1	1/5/2018	10:25	11:15	50	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	20	1,000	14717
2355645	1	1/5/2018	16:36	18:50	134	Dist Secondary - OH	Vandalism	Unselected	1	134	14758
2356847	1	1/5/2018	16:47	19:09	142	Dist Secondary - UG	Equipment Failure	Cable	1	142	14786
2355717	1	1/5/2018	20:16 22:12	22:45 2:34	149 262	Dist Primary - OH Dist Primary - UG	Load Load	Unselected Unselected	10 201	1,490 52,662	387 15206
2355750 2355904	1	1/5/2018 1/6/2018	11:14	14:40	205	Dist Primary - 0G Dist Secondary - OH	Equipment Failure	Service	201	205	15003
2356067	1	1/7/2018	3:46	4:43	57	Dist Primary - OH	Load	Unselected	126	7,182	366
2356074	1	1/7/2018	5:00	5:24	24	Dist Primary - OH	Load	Unselected	126	3,024	366
2356141	1	1/7/2018	11:49	14:21	151	Dist Primary - OH	Load	Unselected	10		14007
2356152	1	1/7/2018	12:25	16:17	232	Dist Secondary - UG	Equipment Failure	Cable	1	232	14729
2356091	1	1/7/2018	12:48	13:33	45	Dist Primary - URD	Equipment Failure	Fuse	10		495
2356203	1	1/7/2018	17:49	19:24	95	Dist Secondary - OH	Tree ROW - Limb	Unselected	1	95	15003
2356220	1	1/7/2018	20:32	2:18	346	Dist Primary - UG	Equipment Failure	Transformer	31	10,726	141
2356227	1	1/7/2018	21:49	2:27	278	Dist Primary - OH	Load	Unselected	38		99
2356371	1	1/8/2018	10:51	11:45	54	Dist Primary - OH	Animal/Squirrel	Unselected	103	5,562	15175
2356406 2356530	1	1/8/2018 1/8/2018	11:28 14:41	11:53 16:40	24 119	Dist Primary - OH Dist Secondary - UG	Animal/Squirrel Equipment Failure	Unselected Meter	7	170 119	15016 15769
2356724	1	1/8/2018	20:02	20:26	24	Dist Primary - OH	Equipment Failure	Cable	1,560	37,830	15085
2356889	1	1/9/2018	8:55	16:47	471	Dist Primary - OH	Equipment Failure	Wire - Bare	1,500	471	14017
2356900	1	1/9/2018	9:30	16:55	445	Dist Primary - OH	Equipment Failure	Wire - Bare	1	445	14017
2357058	11	1/9/2018	10:30	12:14	104	Dist Primary - UG	Equipment Failure	Cable	11	1,144	16000
2357058	0	1/9/2018	10:30	12:54	144	Dist Primary - UG	Equipment Failure	Cable	867	124,848	16000
2357588	0	1/9/2018	10:43	17:40		Dist Primary - UG	Cable Cut - Billable	Cable	179		15204W
2357588	0	1/9/2018	10:43	19:33	530	Dist Primary - UG	Cable Cut - Billable	Cable	45		15204W
2357026	1	1/9/2018	11:38	13:32	113	Dist Secondary - OH	Foreign Contact	Unselected	1	113	14752
2357588	1	1/9/2018	12:30	15:11	161	Dist Primary - UG	Cable Cut - Billable	Cable	112		15204W
2357169 2357590	1	1/9/2018 1/9/2018	12:30 12:30	17:06 17:12	276 282	Dist Primary - UG Dist Primary - UG	Cable Cut - Billable Cable Cut - Billable	Unselected Unselected	199 201	54,924 56,682	15207W 15207W
2357590	1	1/9/2018	14:13	17:12		Dist Primary - UG	Cable Cut - Billable	Unselected	84	17,388	15207W
2357382	1	1/10/2018	5:02	5:53	51	Dist Primary - OH	Equipment Failure	Fuse	14	714	15707
2357420	1	1/10/2018	9:49	12:09	140	Dist Secondary - OH	Equipment Failure	Meter	1	140	15013
2357449	1	1/10/2018	10:40	12:00		Dist Primary - OH	Animal/Squirrel	Fuse	5		14900
2357477	0	1/10/2018	11:42	12:16		Dist Primary - OH	Motor Vehicle	Pole	769		16001
2357627	1	1/10/2018	11:42	18:42	420	Dist Secondary - OH	Motor Vehicle	Unselected	1	420	16000
2357477	1	1/10/2018	11:42	12:16		Dist Primary - OH	Motor Vehicle	Pole	865		16000
2357522	1	1/10/2018	11:42	12:43		Dist Primary - OH	Motor Vehicle	Unselected	13		16000
2357647	1	1/10/2018	18:12	19:08		Dist Secondary - OH	Vandalism	Unselected	1	56	15707
2357948	1	1/11/2018	20:05	22:20	134	Dist Secondary - OH	Equipment Failure	Service	1	134	128

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Event ID Needed Quale of Outage Begin Time Outage Duration Outage Cause Equipment Type Qualifornia Qualifornia	0 1 1 0 0	1/12/2018 1/12/2018 1/12/2018	4:37	10:37	· ·	Dist Primary - OH	•	- ' '	2	719	45044
2358013 1 11/12/2018 4-37 5-30 5-2 Det Primary - OH Equipment Failure Connection(i.e. Lose) 2 2358046 0 11/12/2018 4-38 6-33 5-30 5-2 Det Primary - OH Equipment Failure Connection(i.e. Lose) 3 2358046 0 11/12/2018 4-38 6-33 5-30 5-2 Det Primary - OH Equipment Failure Connection(i.e. Lose) 3 3 3 3 3 3 3 3 3	1 1 0 0	1/12/2018 1/12/2018									15014
2359846 0	0			5.50	52					74,020	15014
2358627 0	0	1/12/2018	4:38					Connection(i.e. Loose)		104	15013
3585287 0			4:38	6:33	115	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	1,309	150,535	15013
2858285 1 11/12/2018 11:50 16:20 270 Dist Primary - OH Tree Outside ROW - Limb Unselected 1 2858277 1 11/12/2018 12:50 16:01 9 Dist Primary - OH Equipment Failure Connection(i.e. Loose) 353 2858448 1 11/12/2018 23:03 0.57 64 Dist Secondary - OH Equipment Failure Connection(i.e. Loose) 353 2858448 1 11/13/2018 13:0 0.57 64 Dist Secondary - OH Equipment Failure Connection(i.e. Loose) 158 23:04 1 11/13/2018 13:0 0.92 432 Dist Secondary - OH Tree Outside ROW - Limb Unselected 1 1 13/13/2018 13:0 0.92 432 Dist Secondary - OH Tree Outside ROW - Limb Unselected 1 1 13/13/2018 2:11 3.54 103 Dist Primary - OH Tree Outside ROW - Limb Unselected 1 1 13/13/2018 2:11 3.54 103 Dist Primary - OH Tree Outside ROW - Limb Unselected 1 1 13/13/2018 2:11 3.54 103 Dist Primary - OH Tree Outside ROW - Limb Unselected 1 1 13/13/2018 15:04 16:17 86 Dist Primary - OH Tree Outside ROW - Limb Unselected 1 13/13/2018 15:04 16:30 85 Dist Primary - OH Tree Outside ROW - Limb Unselected 1 13/13/2018 15:04 16:30 85 Dist Primary - OH Tree Outside ROW - Limb Unselected 1 13/13/2018 17:33 17:56 23 Dist Secondary - OH Equipment Failure Connection(i.e. Loose) 1 13/13/2018 17:33 17:56 23 Dist Secondary - OH Equipment Failure Cable 1 13/13/2018 17:33 11:122 660 Dist Primary - OH Motor Vehicle Cable 1 13/13/2018 13:13 13:122 660 Dist Primary - OH Motor Vehicle Cable 1 13/13/2018 13:14 13	0	1/12/2018	4:38	5:30	52	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	2	104	15014
2858374 1	v	1/12/2018	11:42	15:01	199	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	113	22,487	15013
2585477 1 1/12/2018	1	1/12/2018	11:50	16:20	270	Dist Primary - OH	Tree Outside ROW - Limb	Unselected	1	270	394
2558448	1	1/12/2018	12:50	14:01	72	Dist Secondary - OH	Equipment Failure	Wire - Covered	1	72	14093
2358487 1 1/13/2018 1.50 9.02 432 Dist Secondary - OH Equipment Failure Connection(i.e. Lose) 56 2358505 1 1/13/2018 2.51 3.54 103 Dist Primary - OH Tree Outside ROW - Down Unselected 1 2358519 1 1/13/2018 2.51 3.54 103 Dist Primary - OH Tree Outside ROW - Limb Unselected 10 2358529 1 1/13/2018 2.51 2.57 7 Dist Secondary - OH Equipment Failure Wire - Bare 17 2358740 1 1/13/2018 1.50 16.17 86 Dist Primary - OH Arinat/Squire Unselected 11 17.25 1.17	1	1/12/2018	14:52	15:01	9	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	353	3,177	15013
2358565 1 11/32018 2.15 9.02 432 Dist Secondary - OH Tree Outside ROW - Down Unselected 10 2358529 1 11/32018 2.51 2.57 7 Dist Secondary - OH Equipment Failure Unselected 10 2358529 1 11/32018 41.50 16.17 86 Dist Primary - OH Tree Outside ROW - Limb Unselected 11 12358740 1 11/32018 14.50 16.30 85 Dist Primary - OH Equipment Failure Unselected 11 12358745 1 11/32018 17.29 18.25 56 Dist Secondary - OH AnimalSquirrel Unselected 36 13.25										64	15010
2398519 1 11/13/2018 2.51 3.54 103 Dist Primary - OH Tree Outside ROW - Limb Lineabected 10288526 1 11/13/2018 2.55 2.57 7 Dist Secondary - OH Equipment Failure Wire - Bare 17 2398740 1 11/13/2018 15.50 16.17 86 Dist Primary - OH Tree Outside ROW - Limb Unselected 11 13/2018 15.50 16.30 85 Dist Primary - OH Animal/Squire Unselected 36 2398778 1 11/13/2018 17.29 18.25 56 Dist Secondary - OH Equipment Failure Connection(Le. Losse) 1 13/2018 17.20 18.25 56 Dist Secondary - OH Equipment Failure Connection(Le. Losse) 1 13/2018 17.20 18.25 56 Dist Secondary - OH Equipment Failure Cable 1 13/2018 17.20 18.25 27 Dist Secondary - OH Equipment Failure Cable 1 17.20 18.25 27 Dist Secondary - OH Equipment Failure Cable 1 17.20 18.25 27 Dist Secondary - OH Equipment Failure Cable 1 17.20										7,840	14987
2385892 1 11/3/2018 14:50 16:17 86 Dist Primary - OH Tree Outside PV- Limb Unselected 11 13/2018 14:50 16:17 86 Dist Primary - OH Tree Outside PV- Limb Unselected 36 2386778 1 11/3/2018 17:23 17:56 23 Dist Secondary - OH Equipment Failure Unselected 36 2386778 1 11/3/2018 17:23 17:56 23 Dist Secondary - OH Equipment Failure Connection(Le, Loose) 1 13/2018 17:33 17:56 23 Dist Secondary - OH Equipment Failure Cable 1 13/2018 22:29 0:36 0:36 237 Dist Secondary - OH Equipment Failure Cable 1 13/2018 22:29 0:30 14:1 Dist Secondary - OH Equipment Failure Cable 1 13/2018 23:40 0:30 14:1 Dist Secondary - OH Motor Vehicle Unselected 1 13/2018 17:24										432	15950
2388740 1 11/3/2018 15/04 16:30 85 Dist Primary - OH Tree Outside ROW - Limb Unselected 36. 2388778 1 11/3/2018 17/29 18:25 56 Dist Secondary - OH Equipment Failure Connection(i.e. Loose) 1 2388871 1 11/3/2018 17/29 18:25 56 Dist Secondary - OH Equipment Failure Cable 1 2388805 1 11/3/2018 20:20 0:56 267 Dist Secondary - OH Equipment Failure Cable 1 2388828 1 11/3/2018 20:20 0:56 267 Dist Secondary - OH Equipment Failure Cable 1 2388828 1 11/3/2018 20:20 0:56 267 Dist Secondary - OH Motor Verlice Unselected 1 2388828 1 11/3/2018 3:04 3:00 55 Dist Primary - OH Motor Verlice Unselected 1 2388828 1 11/3/2018 14:36 18:37 98 Dist Primary - OH AnimalSquire Unselected 1 2389807 1 11/3/2018 14:36 18:37 98 Dist Primary - OH AnimalSquire Unselected 10 2360722 1 11/3/2018 21:21 22:52 91 Dist Secondary - UG Equipment Failure Cable 1 2368909 1 11/3/2018 21:21 22:52 91 Dist Secondary - UG Equipment Failure Cable 36 2369909 1 11/3/2018 21:31 22:55 0:57 181 Dist Secondary - UG Equipment Failure Cable 36 2369013 1 11/3/2018 23:30 0:57 181 Dist Secondary - UG Equipment Failure Cable 36 2399013 1 11/3/2018 24:34										1,030	15015
2398745										116	372
2358776						•				951	15015
2358776						•				3,072	14767
2358805							- ' '	` '		56	414
2358821 1 1/13/2018 22:09 0:30 141 Dist Secondary - UG Equipment Failure Cable 1 1/358828 1 1/14/2018 0:13 11:22 669 Dist Primary - OH Motor Vehicle Unselected 1 1/358850 1 1/14/2018 8:04 9:00 55 Dist Primary - OH Motor Vehicle Unselected 9 2358930 1 1/14/2018 14:58 16:37 98 Dist Primary - OH Animal/Squirrel Unselected 10 23690722 1 1/14/2018 17:07 20:09 182 Dist Secondary - UG Equipment Failure Cable 1 2358992 1 1/14/2018 21:21 22:52 91 Dist Secondary - UG Equipment Failure Cable 36 36 3358998 1 1/14/2018 21:21 22:52 91 Dist Secondary - UG Equipment Failure Cable 36 36 36 36 36 36 36 3										23	372 15703
2358828										267 141	228
2358850										669	15130
2359330										498	451
2360722										983	15009
2358992						•				182	15207R
235998						•				3,274	14712
2359013										13,772	14004
2359037										87	14014
2359114									125	1,317	14004
2359114	1	1/15/2018	2:05	2:24	18	Dist Secondary - UG	Equipment Failure	Cable	35	633	15207R
235937	1									132	15207R
2359583	1	1/15/2018	17:38	18:46	67	Dist Secondary - OH	Vandalism		1	67	15016
2359780	1	1/16/2018	10:35	13:23	168	Dist Primary - OH	Animal/Other	Unselected	1	168	14987
23597793	1	1/17/2018	5:45	7:22	96	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	96	14007
2359874 0	1	1/17/2018	18:00	19:39	99	Dist Secondary - UG	Equipment Failure	Connection(i.e. Loose)	53	5,247	14722
235997							Equipment Failure	Connection(i.e. Loose)		27	15707
2359874 1										23,718	15094
2360019 0							•			83	14717
2360019										1,242	15094
2360061 1										39,648	227
2360072 1						•				20,933	227
2360092 1 1/19/2018 8:03 9:15 72 Dist Primary - OH Equipment Failure Fuse 8 2360119 1 1/19/2018 9:17 10:09 51 Dist Secondary - UG Equipment Failure Connection(i.e. Loose) 1 2360265 1 1/19/2018 15:50 19:22 211 Dist Primary - OH Animal/Squirrel Unselected 9 2360266 1 1/19/2018 15:55 19:27 213 Dist Primary - OH Animal/Squirrel Unselected 10 2360318 1 1/19/2018 20:05 21:30 84 Dist Secondary - URD Employee Unselected 1 2360404 1 1/20/2018 17:13 21:06 233 Dist Secondary - UG Equipment Failure Cable 3 2360408 1 1/20/2018 18:15 20:01 106 Dist Primary - OH Motor Vehicle Pole 22 2360408 0 1/20/2018 18:15 20:53 158 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>137</td> <td>14434</td>										137	14434
2360119							- ' '	` '		1,397	347
2360265 1 1/19/2018 15:50 19:22 211 Dist Primary - OH Animal/Squirrel Unselected 9 2360266 1 1/19/2018 15:55 19:27 213 Dist Primary - OH Animal/Squirrel Unselected 10 2360318 1 1/19/2018 20:05 21:30 84 Dist Secondary - URD Employee Unselected 1 2360404 1 1/20/2018 17:13 21:06 233 Dist Secondary - UG Equipment Failure Cable 3 2360408 1 1/20/2018 18:15 20:01 106 Dist Primary - OH Motor Vehicle Pole 22 2360408 0 1/20/2018 18:15 20:50 335 Dist Primary - OH Motor Vehicle Pole 40 2360408 0 1/20/2018 18:15 20:53 158 Dist Primary - OH Motor Vehicle Pole 248 2360408 0 1/20/2018 18:15 20:53 158 Dist P										576 51	15705 14729
2360266 1 1/19/2018 15:55 19:27 213 Dist Primary - OH Animal/Squirrel Unselected 10 2360318 1 1/19/2018 20:05 21:30 84 Dist Secondary - URD Employee Unselected 1 2360404 1 1/20/2018 17:13 21:06 233 Dist Secondary - UG Equipment Failure Cable 3 2360408 1 1/20/2018 18:15 20:01 106 Dist Primary - OH Motor Vehicle Pole 22 2360408 0 1/20/2018 18:15 20:50 335 Dist Primary - OH Motor Vehicle Pole 40 2360408 0 1/20/2018 18:15 20:53 158 Dist Primary - OH Motor Vehicle Pole 248 2360408 0 1/20/2018 20:08 23:50 222 Dist Primary - OH Motor Vehicle Pole 248 2360407 1 1/21/2018 6:25 6:34 9 Dist Secondary -										1,901	14729
2360318 1 1/19/2018 20:05 21:30 84 Dist Secondary - URD Employee Unselected 1 2360404 1 1/20/2018 17:13 21:06 233 Dist Secondary - UG Equipment Failure Cable 3 2360408 1 1/20/2018 18:15 20:01 106 Dist Primary - OH Motor Vehicle Pole 22 2360408 0 1/20/2018 18:15 23:50 335 Dist Primary - OH Motor Vehicle Pole 40 2360408 0 1/20/2018 18:15 20:53 158 Dist Primary - OH Motor Vehicle Pole 248 2360408 0 1/20/2018 20:08 23:50 222 Dist Primary - OH Motor Vehicle Pole 248 2360408 0 1/20/2018 20:08 23:50 222 Dist Primary - OH Motor Vehicle Pole 89 2360477 1 1/21/2018 6:25 6:34 9 Dist Secondary - UG										2,126	14765
2360404 1 1/20/2018 17:13 21:06 233 Dist Secondary - UG Equipment Failure Cable 3 2360408 1 1/20/2018 18:15 20:01 106 Dist Primary - OH Motor Vehicle Pole 22 2360408 0 1/20/2018 18:15 23:50 335 Dist Primary - OH Motor Vehicle Pole 40 2360408 0 1/20/2018 18:15 20:53 158 Dist Primary - OH Motor Vehicle Pole 248 2360408 0 1/20/2018 20:08 23:50 222 Dist Primary - OH Motor Vehicle Pole 248 2360408 0 1/20/2018 20:08 23:50 222 Dist Primary - OH Motor Vehicle Pole 89 2360477 1 1/21/2018 6:25 6:34 9 Dist Secondary - UG Equipment Failure Cable 3 2360937 1 1/23/2018 7:03 8:33 89 Dist Secondary - OH <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td>2,120</td> <td>15702</td>						•				2,120	15702
2360408 1 1/20/2018 18:15 20:01 106 Dist Primary - OH Motor Vehicle Pole 22 2360408 0 1/20/2018 18:15 23:50 335 Dist Primary - OH Motor Vehicle Pole 40 2360408 0 1/20/2018 18:15 20:53 158 Dist Primary - OH Motor Vehicle Pole 248 2360408 0 1/20/2018 20:08 23:50 222 Dist Primary - OH Motor Vehicle Pole 89 2360477 1 1/21/2018 6:25 6:34 9 Dist Secondary - UG Equipment Failure Cable 3 2360937 1 1/23/2018 7:03 8:33 89 Dist Secondary - UG Equipment Failure Cable 1 2361044 1 1/23/2018 13:42 14:20 38 Dist Secondary - OH Equipment Failure Wire - Bare 1										698	14733
2360408 0 1/20/2018 18:15 23:50 335 Dist Primary - OH Motor Vehicle Pole 40 2360408 0 1/20/2018 18:15 20:53 158 Dist Primary - OH Motor Vehicle Pole 248 2360408 0 1/20/2018 20:08 23:50 222 Dist Primary - OH Motor Vehicle Pole 89 2360477 1 1/21/2018 6:25 6:34 9 Dist Secondary - UG Equipment Failure Cable 3 2360397 1 1/23/2018 7:03 8:33 89 Dist Secondary - UG Equipment Failure Cable 1 2361044 1 1/23/2018 13:42 14:20 38 Dist Secondary - OH Equipment Failure Wire - Bare 1						•				2,332	479
2360408 0 1/20/2018 18:15 20:53 158 Dist Primary - OH Motor Vehicle Pole 248 2360408 0 1/20/2018 20:08 23:50 222 Dist Primary - OH Motor Vehicle Pole 89 2360477 1 1/21/2018 6:25 6:34 9 Dist Secondary - UG Equipment Failure Cable 3 2360937 1 1/23/2018 7:03 8:33 89 Dist Secondary - UG Equipment Failure Cable 1 2361044 1 1/23/2018 13:42 14:20 38 Dist Secondary - OH Equipment Failure Wire - Bare 1						,				13,400	479
2360408 0 1/20/2018 20:08 23:50 222 Dist Primary - OH Motor Vehicle Pole 89 2360477 1 1/21/2018 6:25 6:34 9 Dist Secondary - UG Equipment Failure Cable 3 2360937 1 1/23/2018 7:03 8:33 89 Dist Secondary - UG Equipment Failure Cable 1 2361044 1 1/23/2018 13:42 14:20 38 Dist Secondary - OH Equipment Failure Wire - Bare 1						, .				39,184	479
2360477 1 1/21/2018 6:25 6:34 9 Dist Secondary - UG Equipment Failure Cable 3 2360937 1 1/23/2018 7:03 8:33 89 Dist Secondary - UG Equipment Failure Cable 1 2361044 1 1/23/2018 13:42 14:20 38 Dist Secondary - OH Equipment Failure Wire - Bare 1										19,758	479
2361044 1 1/23/2018 13:42 14:20 38 Dist Secondary - OH Equipment Failure Wire - Bare 1	1	1/21/2018	6:25	6:34	9		Equipment Failure	Cable		27	14733
	1	1/23/2018	7:03	8:33	89	Dist Secondary - UG	Equipment Failure	Cable	1	89	14713
	1								1	38	15198
						Dist Secondary - OH				306	183
2361330 1 1/24/2018 19:01 20:35 94 Dist Secondary - OH Vandalism Unselected 1										94	15009
2362007 1 1/25/2018 6:16 13:16 420 Dist Secondary - UG Equipment Failure Cable 95										39,900	14712
2361500 1 1/25/2018 9:55 11:01 66 Dist Secondary - OH Equipment Failure Meter 1										66	14717
2382055 1 1/25/2018 14:32 16:52 139 Dist Secondary - OH Equipment Failure Meter 1										139	14261
2362179 1 1/26/2018 7:14 9:52 158 Dist Secondary - URD Equipment Failure Connection(i.e. Loose) 1										158	14200
2362301 1 1/26/2018 13:08 14:10 63 Dist Secondary - OH Equipment Failure Wire - Bare 1										63	14016
2362399 1 1/26/2018 18:57 19:34 38 Dist Secondary - UG Equipment Failure Cable 1										38	15703
2362438 1 1/27/2018 6:16 7:03 47 Dist Secondary - OH Unknown Unselected 1						, -				47	15173
2362531 1 1/27/2018 14:06 17:26 200 Dist Secondary - OH Tree ROW - Limb Unselected 1										200	15944
2362728 0 1/29/2018 5:05 7:35 150 Dist Primary - OH Equipment Failure Regulator 679 2362728 1 1/29/2018 5:05 6:40 95 Dist Primary - OH Equipment Failure Regulator 597										101,850	15197
								•		56,715	15197 15197
2362728 0 1/29/2018 5:05 7:03 118 Dist Primary - OH Equipment Failure Regulator 93 2363962 1 1/29/2018 9:31 11:50 139 Dist Secondary - OH Tree ROW - Limb Service 1										10,974 139	328
2362839 1 1/29/2018 11:10 11:22 13 Dist Secondary - OH Equipment Failure Service 14						•				182	366
2362865 1 1/29/2018 11:53 12:56 63 Dist Secondary - OH Vandalism Unselected 1						•				63	15010

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2362931	1	1/29/2018	15:47	16:45	58	Dist Secondary - UG	Equipment Failure	Meter	1	58	14729
2363044	1	1/30/2018	10:25	13:25	180	Dist Secondary - OH	Equipment Failure	Cable	1	180	15012
2363318	1	1/30/2018	13:18	13:31	13	Dist Secondary - OH	Motor Vehicle	Unselected	1	13	15707
2363138	1	1/30/2018	15:16	16:25	69	Dist Secondary - URD	Equipment Failure	Connection(i.e. Loose)	1	69	14035
2363246	1	1/31/2018	6:07	11:08	301	Dist Primary - OH	Equipment Failure	Transformer	10		14135
2363255	1	1/31/2018	7:16	10:37	201	Dist Primary - OH	Equipment Failure	Fuse	1	201	14765
2363275	1	1/31/2018	9:21	10:45	84	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	84	15706
2363381	1	1/31/2018	16:30	18:35	124	Dist Secondary - UG	Equipment Failure	Meter	1		14004
2363621 2363672	1	2/1/2018 2/1/2018	16:37 20:40	17:01 21:25	24 44	Dist Primary - OH	Equipment Failure	Transformer Unselected	16	384 44	388 14758
2363687	1	2/1/2018	20:40	0:28	107	Dist Secondary - OH Dist Secondary - OH	Vandalism Vandalism	Unselected	1		14758
2363708	1	2/2/2018	7:23	9:25	122	Dist Primary - OH	Motor Vehicle	Unselected	52	6,326	102
2363755	1	2/2/2018	9:36	10:57	80	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	8	641	14133
2364053	1	2/3/2018	3:41	6:18	157	Dist Primary - OH	Motor Vehicle	Unselected	314	49,277	15173
2364145	1	2/3/2018	20:59	23:03	124	Dist Secondary - UG	Equipment Failure	Cable	1	124	14729
2364157	1	2/4/2018	3:22	4:09	47	Substation	Source Lost	Distr. Ckt. Breaker	1,977	93,413	15130
2364469	1	2/4/2018	16:16	0:59	523	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	93	48,639	144
2364398	0	2/4/2018	16:16	17:30	74	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	77	5,698	144
2364398	1	2/4/2018	16:16	17:18	63	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	103	6,455	144
2364435	1	2/4/2018	16:43	20:30	226	Dist Secondary - UG	Cable Cut - Billable	Cable	1	226	14712
2365683	1	2/4/2018	19:03	3:48	525	Dist Secondary - UG	Equipment Failure	Cable	1	525	14736
2364536	1	2/4/2018 2/4/2018	19:36 20:46	3:26 1:22	470 276	Dist Secondary - UG Dist Secondary - OH	Equipment Failure	Cable Unselected	1	470 276	15769 15009
2364573 2365684	1	2/5/2018	20:46	3:48	74	Dist Secondary - UH Dist Secondary - UG	Tree Outside ROW - Limb Equipment Failure	Cable	1	74	15009
2364674	1	2/5/2018	2:41	3:40	46	Dist Secondary - UG	Equipment Failure	Cable	1	46	15769
2364714	1	2/5/2018	7:25	11:05	219	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	1	219	369
2364727	1	2/5/2018	8:17	11:50	213	Dist Secondary - UG	Equipment Failure	Joint Failure	73		15769
2364828	1	2/5/2018	10:27	13:00	152	Dist Secondary - UG	Unknown	Unselected	1	152	15769
2364923	1	2/5/2018	14:03	19:54	350	Network	Equipment Failure	Cable	1	350	14375
2364979	1	2/5/2018	17:12	20:54	221	Dist Secondary - UG	Equipment Failure	Cable	1	221	14729
2365041	1	2/6/2018	4:46	6:05	79	Dist Primary - UG	Equipment Failure	Fuse	73		14004
2365167	1	2/6/2018	11:50	13:41	111	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	1	111	15706
2365179	1	2/6/2018	12:03	13:01	57	Dist Primary - OH	Unknown	Unselected	1		14008
2365320	1	2/6/2018	12:57	18:16	319	Dist Primary - UG	Equipment Failure	Transformer	40		16002
2365312	1	2/6/2018	12:57	18:07 16:22	310	Dist Primary - UG	Equipment Failure	Transformer	19		16002
2365290 2365321	1	2/6/2018 2/6/2018	12:57 12:57	18:27	205 330	Dist Primary - UG Dist Primary - UG	Equipment Failure Equipment Failure	Transformer Transformer	8		16002 16002
2365295	1	2/6/2018	12:57	17:41	284	Dist Primary - UG	Equipment Failure	Transformer	60		16002
2365210	1	2/6/2018	12:57	16:02	185	Dist Primary - UG	Equipment Failure	Transformer	88	16,280	16002
2365282	1	2/6/2018	15:37	18:31	173	Dist Primary - UG	Equipment Failure	Transformer	35		16002
2365282	0	2/6/2018	16:25	18:31	125	Dist Primary - UG	Equipment Failure	Transformer	15		16002
2365335	1	2/6/2018	19:17	3:04	467	Dist Primary - UG	Equipment Failure	Fransformer - Subsurfac	15	7,005	16002
2365357	1	2/7/2018	0:22	2:46	144	Dist Secondary - UG	Equipment Failure	Cable	1	144	14712
2365540	1	2/7/2018	11:34	13:36	122	Dist Secondary - OH	Unknown	Unselected	1	122	394
2365571	1	2/7/2018	15:50	17:14	84	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	84	14261
2366821	1	2/7/2018	19:26	20:10	44	Dist Secondary - UG	Equipment Failure	Cable	1	44	14004
2365851	1	2/8/2018	13:54	16:11	136	Dist Secondary - OH	Vandalism	Unselected	1	136	14755
2365860	1	2/8/2018	14:12	14:56	44	Dist Secondary - OH Dist Secondary - UG	Employee	Unselected	1	44	15166 15762
2365898 2365929	1	2/8/2018 2/8/2018	16:12 18:08	18:07 19:38	115 90	Dist Secondary - UG Dist Secondary - UG	Equipment Failure Equipment Failure	Connection(i.e. Loose) Meter	1	115 90	15762 15762
2365943	1	2/8/2018	20:01	21:10	69	Dist Secondary - 0G Dist Primary - OH	Load	Unselected	26		15/62
2365954	1	2/8/2018	21:19	22:11	52	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	15		14717
2366049	1	2/9/2018	10:22	12:20	117	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1		
2366126	1	2/9/2018	13:59	15:57	118	Dist Secondary - UG	Equipment Failure	Connection(i.e. Loose)	1		15762
2366154	1	2/9/2018	15:18	16:19	60	Dist Primary - OH	Foreign Contact	Unselected	47	2,822	14755
2366237	1	2/10/2018	8:11	9:44	93	Dist Primary - OH	Animal/Squirrel	Unselected	28		15867
2366272	1	2/10/2018	11:48	15:20	212	Dist Secondary - UG	Equipment Failure	Cable	1		229
2366372	1	2/10/2018	22:29	2:30	241	Dist Secondary - OH	Equipment Failure	Meter	1		15173
2366465	0	2/11/2018	5:42	8:01	139	Dist Primary - URD	Equipment Failure	Cable	115		15170
2366465	1	2/11/2018	5:42	6:59	77	Dist Primary - URD	Equipment Failure	Cable	72		15170
2366550	1	2/11/2018	12:56	13:38	42	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1		15021
2366659	1	2/11/2018	18:35	19:51	76 540	Dist Primary - OH	Unknown Equipment Failure	Unselected	13		14755
2366717 2366743	1	2/12/2018 2/12/2018	1:42 7:25	10:42 15:17	540 472	Dist Primary - URD Dist Primary - OH	Weather / Lightning	Fransformer - Subsurfac Unselected	7	3,780 472	15094 96
2366762	1	2/12/2018	7:25 8:44	9:52	68	Dist Primary - OH Dist Primary - OH	Unknown	Unselected	2		15710
2366885	0	2/12/2018	12:57	14:54	117	Dist Primary - OH	Equipment Failure	Cable	186		309
2366885	1	2/12/2018	12:57	14:29	92	Dist Primary - OH	Equipment Failure	Cable	306		309
2366900	1	2/12/2018	13:21	15:09	108	Dist Primary - OH	Unknown	Unselected	1		96
2366982	1	2/12/2018	19:08	20:19	70	Dist Secondary - OH	Equipment Failure	Meter	1		15867
2367014	1	2/12/2018	21:35	4:22	407	Dist Secondary - URD	Equipment Failure	Cable	1		15176
2367092	1	2/13/2018	9:49	11:31	102	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	102	15173

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2367121	1	2/13/2018	10:34	14:36	242	Dist Secondary - UG	Equipment Failure	Cable	1	242	199
2368906	1	2/13/2018	19:18	0:17	299	Dist Secondary - UG	Equipment Failure	Joint Failure	1	299	14200
2367353	1	2/14/2018	0:17	0:37	20	Dist Secondary - UG	Equipment Failure	Joint Failure	39	780	14200
2367404	1	2/14/2018	9:42	9:53	11	Substation	Employee	Unselected	1,638	17,417	14004
2367405 2367406	1	2/14/2018	9:42	9:53	11 12	Substation Substation	Employee	Unselected	1,031	11,822	14008
2367615	1	2/14/2018 2/14/2018	9:42 17:13	9:54 22:37	323	Dist Secondary - OH	Employee Equipment Failure	Unselected Service	905	11,162 323	14093 15943
2367640	0	2/14/2018	20:28	0:05	217	Dist Primary - UG	Equipment Failure	Switch	221	47,957	212
2367640	1	2/14/2018	20:28	3:46		Dist Primary - UG	Equipment Failure	Switch	229	100,302	212
2367742	1	2/15/2018	9:51	11:23	92	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	92	15175
2367847	1	2/15/2018	14:51	15:18	27	Dist Secondary - UG	Equipment Failure	Cable	61	1,647	15762
2367907	1	2/15/2018	23:34	0:45	71	Dist Secondary - OH	Foreign Contact	Unselected	1	71	14261
2368037	1	2/16/2018	14:17	18:05	228	Dist Primary - OH	Tree Outside ROW - Limb	Unselected	2	456	14890
2368322	1	2/18/2018	9:07	0:44	937	Dist Primary - UG	Equipment Failure	Fransformer - Subsurfac	3	2,811	14766
2368454	1	2/19/2018	8:18	9:34	76	Dist Primary - OH	Unknown	Unselected	142	10,792	14014
2368476	1	2/19/2018	10:17	11:48	91	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	91	451
2368479 2368505	1	2/19/2018 2/19/2018	10:32	21:00 15:43	627 172	Dist Secondary - UG Dist Secondary - OH	Unknown Equipment Failure	Unselected	1	627 172	16003 328
2368553	1	2/19/2018	12:51 22:37	23:31	54	Dist Secondary - UG	Unknown	Service Unselected	1	54	16003
2368647	1	2/20/2018	10:21	16:42	380	Dist Primary - OH	Equipment Failure	Transformer	1	380	96
2368654	1	2/20/2018	10:32	13:30	177	Network	Equipment Failure	Switch	1	177	14405
2368669	1	2/20/2018	11:19	14:02	162	Network	Equipment Failure	Meter	1	162	15343
2368770	1	2/20/2018	15:51	16:07	16	Dist Primary - OH	Equipment Failure	Cable	756	12,096	15199
2368776	1	2/20/2018	15:51	16:58	67	Dist Primary - OH	Equipment Failure	Cable	837	56,079	15199
2370404	1	2/20/2018	20:07	4:50	523	Dist Secondary - UG	Equipment Failure	Cable	1	523	14555
2368914	0	2/21/2018	7:58	10:37	159	Dist Primary - OH	Motor Vehicle	Unselected	145	23,055	14016
2368914	1	2/21/2018	7:58	13:59	361	Dist Primary - OH	Motor Vehicle	Unselected	43	15,523	14016
2368914	0	2/21/2018	7:58	23:49	951	Dist Primary - OH	Motor Vehicle	Unselected	1	951	14016
2369052 2369127	1	2/21/2018 2/21/2018	11:58 14:37	12:53 17:21	55 163	Dist Secondary - UG Dist Secondary - UG	Foreign Contact Equipment Failure	Unselected Meter	1	55 163	15206 14004
2369229	1	2/22/2018	3:35	4:54	79	Dist Secondary - URD	Equipment Failure	Cable	1	79	15130
2369302	1	2/22/2018	10:24	10:34	10	Dist Secondary - UG	Equipment Failure	Meter	1	10	14712
2369337	1	2/22/2018	12:00	13:36	96	Dist Secondary - UG	Unknown	Unselected	29	2,784	14731
2369394	1	2/22/2018	14:46	16:12	86	Dist Primary - UG	Equipment Failure	Elbow Insert	17	1,462	14787
2369436	1	2/22/2018	19:56	21:14	78	Dist Primary - OH	Foreign Contact	Unselected	54	4,212	14031
2369446	1	2/22/2018	22:32	0:23	111	Dist Secondary - OH	Animal/Other	Unselected	1	111	15085
2369469	1	2/23/2018	8:19	11:30	191	Dist Secondary - UG	Equipment Failure	Service	1	191	15874
2369655	1	2/23/2018	17:18	20:18	179	Dist Secondary - OH	Equipment Failure	Meter	1	179	97
2369658	1	2/23/2018	17:40	20:00	139	Dist Primary - OH	Equipment Failure	Fuse	1	139	15173
2369687 2369687	1	2/23/2018 2/23/2018	22:34 22:49	23:41 4:59	67 370	Dist Primary - OH Dist Primary - OH	Motor Vehicle Motor Vehicle	Pole Pole	158 39	10,586 14,430	14755 14755
2369687	0	2/23/2018	22:49	23:41	52	Dist Primary - OH Dist Primary - OH	Motor Vehicle	Pole	16	832	14755
2369699	1	2/23/2018	23:37	5:00	322	Dist Primary - OH	Motor Vehicle	Unselected	1	322	14755
2369824	1	2/24/2018	12:02	12:58	56	Dist Primary - OH	Equipment Failure	Switch - Gang Op	33	1,848	15197
2369930	1	2/24/2018	18:58	21:08	129	Dist Secondary - URD	Equipment Failure	Service	1	129	14766
2369988	1	2/25/2018	10:27	17:53	445	Dist Primary - OH	Equipment Failure	Transformer	1	445	15173
2370018	1	2/25/2018	14:47	18:32	225	Dist Secondary - UG	Equipment Failure	Joint Failure	1	225	16002
2370069	1	2/25/2018	22:37	0:44	127	Dist Primary - OH	Unknown	Unselected	52	6,594	14093
2370134	1	2/26/2018	10:15	11:13	58	Dist Secondary - UG	Equipment Failure	Meter	1	58	14786
2370259	1	2/26/2018	17:04	18:47	103	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	103	14133
2370292 2370341	1	2/26/2018 2/27/2018	19:21 8:40	20:11 10:57	49 137	Dist Secondary - OH Dist Secondary - OH	Equipment Failure Equipment Failure	Meter Connection(i.e. Loose)	1	49 137	14702 15003
2370341	1	2/27/2018	9:15	10:37	78	Dist Primary - OH	Animal/Squirrel	Fuse	9		14017
2370333	1	2/27/2018	11:04	11:26		Dist Secondary - OH	Tree Outside ROW - Down		1		14755
2370512	1	2/27/2018	15:07	16:28	81	Dist Secondary - OH	Tree Outside ROW - Limb	Connection(i.e. Loose)	1	81	14007
2370590	1	2/27/2018	17:08	23:55	407	Dist Secondary - URD	Unknown	Unselected	1	407	15176
2370562	1	2/27/2018	17:48	19:30		Dist Secondary - UG	Unknown	Unselected	1	101	15012
2370567	1	2/27/2018	17:59	18:19		Dist Secondary - UG	Equipment Failure	Cable	1	20	15461
2370565	1	2/27/2018	18:16	18:45		Dist Secondary - UG	Equipment Failure	Cable	1	29	15461
2370593	1	2/27/2018	19:40	23:55		Dist Secondary - URD	Unknown	Unselected	1	255	15176
2370558 2371017	1	2/27/2018 3/1/2018	22:15 10:06	22:41 13:59	26 233	Dist Secondary - URD Dist Secondary - OH	Equipment Failure Equipment Failure	Cable Service	26	676 233	15176 15199
2371017	1	3/1/2018	10:06	16:46		Dist Secondary - URD	Cable Cut - Marked Wrong	Unselected	1	233	16000
2371004	1	3/1/2018	13:19	17:09		Dist Secondary - OH	Foreign Contact	Unselected	1	229	490
2375415	1	3/2/2018	1:25	10:16		Dist Primary - OH	Weather / Wind	Unselected	71	37,662	15176
2371374	1	3/2/2018	2:14	2:27	14	Dist Primary - OH	Unknown	Unselected	1,086	14,788	15003
2371374	0	3/2/2018	2:14	2:27	14	Dist Primary - OH	Unknown	Unselected	281	3,826	488
2371695	1	3/2/2018	2:18	4:21	123	Dist Primary - OH	Tree ROW - Limb	Unselected	169	20,787	14023
2371695	0	3/2/2018	2:18	4:40	142	Dist Primary - OH	Tree ROW - Limb	Unselected	153	21,726	14023
2371695	0	3/2/2018	2:18	4:41	143	Dist Primary - OH	Tree ROW - Limb	Unselected	188	26,884	14023
2371384	1	3/2/2018	2:20	4:47	147	Dist Primary - OH	Tree Outside ROW - Limb	Unselected	51	7,512	14008

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2372109	1	3/2/2018	2:34	5:02	148	Dist Primary - OH	Weather / Wind	Unselected	1,001	148,148	15003
2372109	0	3/2/2018	2:34	5:02	148	Dist Primary - OH	Weather / Wind	Unselected	281	41,588	488
2371580	1	3/2/2018	2:35	16:49		Dist Secondary - OH	Weather / Wind	Unselected	14	32,116	65
2371649	1	3/2/2018	2:42	4:46	124	Dist Primary - OH	Weather / Wind	Unselected	85	10,578	15003
2371786 2371907	1	3/2/2018 3/2/2018	3:27 4:20	3:51 12:20	1,920	Dist Primary - OH Dist Secondary - OH	Unknown Tree Row - Down	Unselected Unselected	1,094 12	25,527 23,040	15705 14031
2371907	1	3/2/2018	4:28	8:35	4,566	Dist Primary - OH	Weather / Wind	Unselected	12	54,794	14133
2372843	1	3/2/2018	4:31	8:23	232	Dist Primary - OH	Weather / Wind	Unselected	247	57,304	128
2371928	1	3/2/2018	4:31	11:24	413	Dist Primary - OH	Tree Outside ROW - Down	Unselected	66	27,256	128
2396076	1	3/2/2018	5:08	7:54	4,487	Dist Secondary - OH	Tree Row - Down	Unselected	4	17,948	14146
2372696	1	3/2/2018	5:12	5:30	18	Dist Primary - OH	Weather / Wind	Unselected	85	1,551	15003
2371656	1	3/2/2018	5:30	12:03	394	Dist Primary - UG	Employee	Unselected	553	217,679	15003
2371656	0	3/2/2018	5:30	12:03	394	Dist Primary - UG	Employee	Unselected	281	110,611	488
2382053	1	3/2/2018	5:30	11:49		Dist Primary - OH	Weather / Wind	Unselected	1,001	1,820,819	15003
2382053	0	3/2/2018	5:30	11:49	1,819	Dist Primary - OH	Weather / Wind	Unselected	281	511,139	488
2372868	1	3/2/2018	5:54	8:23	148	Dist Primary - OH	Weather / Wind	Unselected	56	8,299	128
2372868 2372898	0 1	3/2/2018 3/2/2018	5:54 6:00	8:24 9:58	149 238	Dist Primary - OH Dist Primary - OH	Weather / Wind Tree ROW - Limb	Unselected Wire - Bare	139 361	20,739 85,828	128 383
2372995	1	3/2/2018	6:13	10:27	254	Dist Primary - OH	Weather / Wind	Unselected	549	139,391	15709
2373006	1	3/2/2018	6:20	18:55	755	Dist Primary - UG	Tree Outside ROW - Limb	Unselected	1	755	14135
2373073	1	3/2/2018	6:27	8:50	1,583	Dist Primary - OH	Weather / Wind	Unselected	179	283,357	14755
2373073	0	3/2/2018	6:27	10:52	3,145	Dist Primary - OH	Weather / Wind	Unselected	18	56,610	14755
2404618	0	3/2/2018	6:35	9:47	1,632	Dist Primary - OH	Tree Outside ROW - Down	Unselected	655	1,068,960	14008
2404618	1	3/2/2018	6:35	4:05	2,730	Dist Primary - OH	Tree Outside ROW - Down	Unselected	3	8,190	14008
2373182	1	3/2/2018	6:44	13:56	1,872	Dist Primary - OH	Tree Outside ROW - Limb	Wire - Bare	59	110,422	14093
2373288	1	3/2/2018	7:00	15:41	521	Dist Secondary - OH	Weather / Wind	Unselected	1	521	15094
2373377	1	3/2/2018	7:20	14:51	450	Dist Primary - OH	Weather / Wind	Wire - Bare	2,502	1,127,026	15006
2373582	1	3/2/2018	7:58	0:25	987	Dist Primary - OH	Weather / Wind	Unselected	204	201,348	14132
2373621 2373838	1	3/2/2018 3/2/2018	8:07 8:23	14:15 7:40	1,807 1,397	Dist Primary - OH Dist Primary - OH	Unknown Foreign Contact	Unselected Unselected	1 31	1,807 43,295	14200 329
2383029	1	3/2/2018	8:34	5:16	2,681	Dist Primary - OH	Weather / Wind	Unselected	139	372,694	15174
2374068	1	3/2/2018	8:40	13:35	294	Dist Secondary - OH	Weather / Wind	Unselected	1	294	14133
2374151	1	3/2/2018	8:49	15:00	4,691	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	5	23,455	132
2409880	1	3/2/2018	8:55	8:05	4,270	Dist Primary - OH	Weather / Wind	Unselected	10	42,700	15198
2374455	1	3/2/2018	9:22	22:40	3,678	Dist Secondary - OH	Tree Row - Down	Unselected	1	3,678	14022
2374739	0	3/2/2018	9:38	18:00	502	Dist Primary - OH	Tree ROW - Limb	Unselected	466	233,715	386
2374739	0	3/2/2018	9:38	18:00	502	Dist Primary - OH	Tree ROW - Limb	Unselected	362	181,555	383
2374739	1	3/2/2018	9:38	18:00	502	Dist Primary - OH	Tree ROW - Limb	Unselected	621	311,452	388
2374739	0	3/2/2018	9:38	18:00	502	Dist Primary - OH	Tree ROW - Limb	Unselected	11	5,517	14809
2374739	0	3/2/2018	9:38	18:00 16:55	502	Dist Primary - OH	Tree ROW - Limb	Unselected	491	246,253	367
2374804 2374887	1	3/2/2018 3/2/2018	9:40 9:52	14:03	435 4,571	Dist Primary - OH Dist Secondary - OH	Equipment Failure Tree Outside ROW - Down	Wire - Bare Unselected	92	39,979 4,571	205 14015
2374982	0	3/2/2018	9:54	14:56	302	Dist Primary - OH	Weather / Wind	Unselected	152	45,914	15094
2374982	1	3/2/2018	9:54	14:56	302	Dist Primary - OH	Weather / Wind	Unselected	690	208,426	14016
2375155	1	3/2/2018	10:10	20:45	2,075	Dist Primary - OH	Weather / Wind	Unselected	24	49,800	485
2405957	1	3/2/2018	10:16	22:29	3,612	Dist Primary - OH	Weather / Wind	Unselected	25	90,301	144
2375211	1	3/2/2018	10:20	15:56	335	Dist Primary - OH	Weather / Wind	Unselected	921	308,873	14014
2398562	0	3/2/2018	10:23	4:59	2,556	Dist Primary - OH	Unknown	Unselected	15	38,340	15174
2375392	1	3/2/2018	10:23	10:52	2,909	Dist Primary - OH	Weather / Wind	Unselected	24	69,807	15198
2375402	1	3/2/2018	10:24	22:27	3,603	Dist Primary - OH	Weather / Wind	Unselected	1 1 222	3,603	144
2371406	1	3/2/2018 3/2/2018	10:41	18:23	462 3,943	Dist Secondary - OH Dist Primary - OH	Weather / Wind	Unselected	1,933	892,434	15013
2378379 2378385	1	3/2/2018	10:51 10:51	4:34 18:12	3,943	Dist Primary - OH Dist Secondary - OH	Weather / Wind Weather / Wind	Unselected Unselected	69	272,067 441	369 369
2376464	1	3/2/2018	10:56	20:04	3,427	Dist Primary - OH	Tree Row - Down	Pole	40	137,083	64
2376614	1	3/2/2018	11:01	13:41	160	Dist Primary - OH	Weather / Wind	Unselected	1,026	164,109	15176
2376637	1	3/2/2018	11:04	22:40	696	Dist Primary - OH	Weather / Wind	Unselected	4	2,784	15867
2377041	0	3/2/2018	11:08	16:12		Dist Primary - OH	Weather / Wind	Unselected	2	608	14716
2377041	0	3/2/2018	11:08	16:12	304	Dist Primary - OH	Weather / Wind	Unselected	434	131,958	99
2377041	0	3/2/2018	11:08	16:12	304	Dist Primary - OH	Weather / Wind	Unselected	238	72,364	380
2377041	1	3/2/2018	11:08	16:12		Dist Primary - OH	Weather / Wind	Unselected	497	151,113	118
2373102	1	3/2/2018	11:22	12:25		Dist Primary - OH	Weather / Wind	Unselected	362	22,915	383
2378374	1	3/2/2018	11:37	18:12		Dist Secondary - OH	Weather / Wind	Unselected	1	395	369
2378883	1	3/2/2018	11:38	18:06		Dist Primary - OH	Weather / Wind	Unselected	15	70,614	14766
2378448 2379127	1	3/2/2018 3/2/2018	11:40 11:54	15:00 20:31	200 1,956	Dist Primary - OH Dist Primary - OH	Animal/Squirrel Weather / Wind	Fuse Unselected	120 7	24,000 13,695	14261 15013
2379127	1	3/2/2018	11:54	14:57	1,956	Dist Primary - OH	Weather / Wind	Unselected	991	179,024	14014
2379104	1	3/2/2018	11:57	18:00	362	Dist Primary - OH	Tree ROW - Limb	Unselected	2,117	767,377	15021
2386944	1	3/2/2018	12:02	18:13	372	Dist Secondary - OH	Weather / Wind	Unselected	68	25,289	15016
2375997	1	3/2/2018	12:12	19:45		Dist Primary - OH	Weather / Wind	Unselected	127	57,531	14717
2380947	1	3/2/2018	12:24	10:05		Dist Primary - OH	Weather / Wind	Unselected	1	1,300	14753
2381358	1	3/2/2018	12:33	7:16	1,124	Dist Primary - OH	Tree Row - Down	Unselected	248	278,636	181

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Event ID	Nested ?	Date of Outage	Begin Time	End Time	Outage Duration	Construction	Outage Cause	Equipment Type	Customers Affected	Customer Minutes	Feeder
2381513	1	3/2/2018	12:37	17:22	284	Dist Secondary - OH	Foreign Contact	Unselected	1	284	205
2381773	1	3/2/2018	12:41	17:00	1,699	Dist Primary - OH	Weather / Wind	Unselected	96	163,066	
2384672	1	3/2/2018	12:48	15:14	4,465	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	4,465	14133
2382432	1	3/2/2018	13:00	9:25	1,225	Dist Primary - OH	Weather / Wind	Unselected	6	7,350	14753
2382966	1	3/2/2018	13:07	18:17	4,630	Dist Primary - OH	Tree Outside ROW - Down	Unselected	4	18,520	144
2383070	1	3/2/2018	13:12	11:38	1,346	Dist Primary - OH	Weather / Wind	Unselected	24	32,298	15003
2383296	1	3/2/2018	13:15	13:36	21	Dist Secondary - URD	Weather / Wind	Unselected	111	2,335	495
2399352	1	3/2/2018	13:26	17:42	4,576	Dist Primary - OH	Weather / Wind	Unselected	33	151,008	327
2383671	1	3/2/2018	13:26	10:23	1,257	Dist Primary - OH	Weather / Wind	Unselected	1	1,257	14017
2384009 2384102	1	3/2/2018 3/2/2018	13:28 13:31	17:30 18:15	3,121 1,724	Dist Secondary - OH Dist Primary - OH	Tree Outside ROW - Limb Tree Outside ROW - Limb	Unselected Unselected	22 92	68,669 158,608	15946 14767
2376114	1	3/2/2018	14:12	17:12	1,724	Dist Primary - OH	Weather / Wind	Unselected	2,133	382,234	15710
2385287	1	3/2/2018	14:14	2:18	724	Dist Primary - OH	Weather / Wind	Unselected	436	315,664	14135
2385287	0	3/2/2018	14:14	0:34	620	Dist Primary - OH	Weather / Wind	Unselected	477	295,740	14135
2385452	1	3/2/2018	14:20	16:00	4,420	Dist Secondary - OH	Weather / Wind	Unselected	5	22,099	132
2385494	1	3/2/2018	14:21	11:29	1,267	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	89	112,793	120
2410621	1	3/2/2018	14:38	13:22	5,684	Dist Secondary - OH	Weather / Wind	Service	1	5,684	15199
2386078	1	3/2/2018	14:53	20:40	347	Dist Secondary - OH	Weather / Wind	Unselected	1	347	467
2401208	1	3/2/2018	14:56	20:24	4,648	Dist Secondary - OH	Weather / Wind	Unselected	1	4,648	87
2383008	1	3/2/2018	15:01	15:07	4,326	Dist Primary - OH	Tree Outside ROW - Down	Unselected	280	1,211,173	15130
2398931	1	3/2/2018	15:11	16:03	1,492	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	1,492	14007
2386818	1	3/2/2018	15:19	19:14	4,555	Dist Primary - UG	Equipment Failure	Connection(i.e. Loose)	1	4,555	65
2387987	1	3/2/2018 3/2/2018	15:50 15:50	21:11 15:30	321	Dist Secondary - OH	Tree Outside ROW - Down Weather / Wind	Unselected	26 22	8,346	87
2387988 2401875	1	3/2/2018	15:50	3:14	2,859 2,117	Dist Primary - OH Dist Secondary - OH	Tree Outside ROW - Limb	Unselected Unselected	1	62,908 2,117	132 15009
2388370	1	3/2/2018	15:59	15:50	1,431	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	1,431	467
2400681	1	3/2/2018	16:14	13:30	2,715	Dist Primary - OH	Weather / Wind	Unselected	8	21,721	327
2394425	1	3/2/2018	16:15	13:03	2,687	Dist Primary - OH	Weather / Wind	Unselected	67	180,045	15705
2389152	1	3/2/2018	16:18	10:44	1,106	Dist Secondary - OH	Weather / Wind	Unselected	1	1,106	15010
2402260	1	3/2/2018	16:20	12:02	2,622	Dist Primary - OH	Weather / Wind	Unselected	1	2,622	494
2389983	1	3/2/2018	16:45	2:30	3,464	Dist Primary - OH	Tree Outside ROW - Limb	Unselected	1	3,464	467
2390076	1	3/2/2018	16:48	15:50	1,382	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	1,382	467
2390165	1	3/2/2018	16:51	16:48	4,316	Dist Primary - OH	Tree Outside ROW - Down	Unselected	9	38,847	244
2390249	1	3/2/2018	16:55	19:44	3,049	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	123	374,980	14766
2410711	1	3/2/2018	16:59	19:03	3,004	Dist Primary - OH	Weather / Wind	Unselected	50	150,218	14767
2390432 2393299	1	3/2/2018 3/2/2018	17:02 17:09	15:45 15:09	4,242 1,319	Dist Secondary - OH Dist Primary - OH	Tree Outside ROW - Down Tree Outside ROW - Down	Unselected Unselected	1 14	4,242 18,470	14133 14014
2390767	1	3/2/2018	17:09	16:10	1,369	Dist Primary - OH	Tree ROW - Limb	Unselected	1	1,369	15946
2392533	1	3/2/2018	17:22	7:32	3,730	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	3,730	14146
2396120	1	3/2/2018	17:26	20:26	180	Dist Primary - OH	Weather / Wind	Unselected	31	5,592	327
2396130	1	3/2/2018	17:43	20:26	164	Dist Primary - OH	Weather / Wind	Unselected	16	2,622	327
2399895	1	3/2/2018	17:52	19:10	1,517	Dist Primary - OH	Weather / Wind	Unselected	20	30,348	15016
2406232	1	3/2/2018	18:12	21:40	3,088	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	3,088	14767
2393817	1	3/2/2018	18:36	11:11	2,434	Dist Secondary - OH	Weather / Wind	Unselected	21	51,121	15710
2393996	1	3/2/2018	18:38	21:20	162	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	162	15006
2399715	1	3/2/2018	18:57	17:03	4,206	Dist Primary - OH	Weather / Wind	Unselected	10	42,064	292
2421846	1	3/2/2018	18:58	1:41	3,283	Dist Secondary - OH	Weather / Wind	Unselected	1	3,283	14016
2394402	1	3/2/2018	19:04	12:15	2,470	Dist Primary - OH	Weather / Wind	Unselected	15	37,055	15710
2395542 2411025	1	3/2/2018 3/2/2018	19:30 19:45	16:26 7:54	4,136 3,610	Dist Primary - OH Dist Secondary - OH	Tree Outside ROW - Down Tree Row - Down	Unselected Unselected	11	45,496 25,270	144 14146
2397752	1	3/2/2018	21:43	16:08	2,544	Dist Secondary - OH Dist Primary - OH	Weather / Wind	Unselected	11	25,270	15094
2398231	1	3/2/2018	22:47	19:58	2,710	Dist Primary - OH	Weather / Wind	Unselected	1	2,710	15094
2399179	1	3/3/2018	2:43	12:01	1,998	Dist Primary - OH	Weather / Wind	Unselected	18		
2399323	1	3/3/2018	3:43	10:27	404	Dist Primary - OH	Weather / Wind	Unselected	10	4,040	14017
2399603	1	3/3/2018	4:41	20:57	976	Dist Primary - OH	Weather / Wind	Unselected	1	976	_
2400994	1	3/3/2018	5:15	17:30	3,615	Dist Primary - OH	Weather / Wind	Unselected	38	137,370	
2402056	1	3/3/2018	7:49	9:26	1,537	Dist Primary - OH	Weather / Wind	Unselected	1	1,537	368
2400468	1	3/3/2018	7:53	18:45	3,531	Dist Primary - OH	Unknown	Unselected	2	7,063	15014
2400484	1	3/3/2018	7:58	10:54	1,615	Dist Primary - OH	Weather / Wind	Unselected	1	1,615	
2400168	1	3/3/2018	8:25	11:24	1,618	Dist Primary - OH	Weather / Wind	Unselected	18	29,132	
2400858	1	3/3/2018	8:45	19:48	2,103	Dist Primary - OH	Tree Row - Down	Unselected	5		327
2401037	1	3/3/2018	9:17	15:48	391	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	391	467
2371657 2403560	1	3/3/2018 3/3/2018	9:57 10:08	4:24 9:09	1,107 1,380	Dist Primary - OH Dist Primary - OH	Tree Outside ROW - Down Weather / Wind	Wire - Bare Unselected	95 144	105,165 198,742	_
2403560	1	3/3/2018	10:08	15:05	1,380	Dist Primary - OH Dist Primary - OH	Weather / Wind	Unselected	144	198,742	15130
2413101	1	3/3/2018	10:16	12:50	4,469	Dist Secondary - OH	Tree ROW - Limb	Unselected	23	102,779	
2401694	1	3/3/2018	10:46	3:55	2,468	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	18	44,428	
2401963	1	3/3/2018	11:26	6:02	2,556	Dist Primary - OH	Weather / Wind	Unselected	29	74,112	
2403446	1	3/3/2018	12:17	12:20	1,443	Dist Primary - OH	Weather / Wind	Unselected	66	95,233	385
2402435	1	3/3/2018	12:57	16:49	3,112	Dist Primary - OH	Tree Outside ROW - Down	Unselected	1	3,112	
2402458	1	3/3/2018	13:01	14:59		Dist Secondary - OH	Weather / Wind	Unselected	1	118	

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	Nested?	Date of Outage	Begin Time	End Time	Outage Duration	Construction	Outage Cause	Equipment Type	Customers Affected	Customer Minutes	Feeder
2402545	1	3/3/2018	13:01	14:43	102	Dist Secondary - OH	Weather / Wind	Unselected	1	102	328
2400325	1	3/3/2018	13:11	19:07	1,796	Dist Secondary - OH	Weather / Wind	Unselected	1	1,796	15012
2402556	1	3/3/2018 3/3/2018	13:23	22:00 14:22	3,397	Dist Secondary - OH	Weather / Wind	Unselected	89 96	302,309	120 394
2400410 2400410	0	3/3/2018	13:56 13:56	14:22	26 39	Dist Primary - OH Dist Primary - OH	Tree Outside ROW - Down Tree Outside ROW - Down	Unselected Unselected	201	2,496 7,839	394
2405995	1	3/3/2018	13:56	2:37	2,200	Dist Primary - OH	Weather / Wind	Unselected	1	2,200	451
2402702	1	3/3/2018	14:05	12:51	1,366	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1		15944
2403532	1	3/3/2018	15:17	13:45	4,228	Dist Secondary - OH	Weather / Wind	Unselected	1	4,228	15006
2405634	1	3/3/2018	16:15	13:36	1,281	Dist Primary - OH	Weather / Wind	Unselected	1	1,281	14135
2410327	1	3/3/2018	16:35	6:35	2,280	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	8	18,237	14900
2401951	1	3/3/2018	17:04	5:17	733	Dist Primary - OH	Weather / Wind	Wire - Bare	470	344,510	323
2401951	0	3/3/2018	17:04	8:35	931	Dist Primary - OH	Weather / Wind	Wire - Bare	77	71,687	323
2405889	1	3/3/2018	17:05	5:17	732	Dist Primary - OH	Tree Row - Down	Unselected	31	22,678	329
2406155	1	3/3/2018	17:46	16:43	1,376	Dist Primary - OH	Weather / Wind	Unselected	66	90,831	128
2408498 2407824	1	3/3/2018 3/3/2018	19:24 20:23	15:30 8:12	1,205 709	Dist Secondary - OH Dist Secondary - OH	Weather / Wind Weather / Wind	Unselected Unselected	1	1,205 709	14900 14261
2407828	1	3/3/2018	20:23	21:55	2,971	Dist Primary - OH	Tree Outside ROW - Down	Unselected	38	112,890	485
2398562	1	3/3/2018	23:31	4:59	328	Dist Primary - OH	Unknown	Unselected	307	100,696	15174
2408858	1	3/4/2018	3:02	19:48	1,006	Dist Primary - OH	Tree Row - Down	Unselected	16	16,095	327
2408891	1	3/4/2018	3:21	1:07	1,306	Dist Primary - OH	Equipment Failure	Transformer	25	32,640	14008
2409358	1	3/4/2018	8:37	2:38	1,080	Dist Primary - OH	Equipment Failure	Fuse	20	21,605	323
2409622	1	3/4/2018	10:07	12:36	149	Dist Primary - OH	Unknown	Unselected	1	149	15867
2410041	1	3/4/2018	12:26	14:43	1,576	Dist Primary - OH	Tree Outside ROW - Down	Unselected	22	34,679	385
2410164	1	3/4/2018	13:17	14:21	1,504	Dist Secondary - OH	Weather / Wind	Unselected	1	1,504	15016
2409245	1	3/4/2018	13:24	19:03	339	Dist Primary - OH	Tree Outside ROW - Down	Unselected	12	4,068	14767
2410179 2410179	0	3/4/2018 3/4/2018	13:33 13:37	14:41 14:41	68 63	Dist Primary - OH Dist Primary - OH	Weather / Wind Weather / Wind	Unselected Unselected	27 21	1,826 1,332	15705 15705
2410179	1	3/4/2018	13:49	14:41	51	Dist Primary - OH	Tree ROW - Limb	Unselected	33	1,680	13703
2410275	1	3/4/2018	14:30	19:30	1,740	Dist Primary - OH	Weather / Wind	Unselected	9		101
2410276	1	3/4/2018	14:31	14:41	10	Dist Primary - OH	Tree Outside ROW - Down	Unselected	8		102
2410420	1	3/4/2018	16:10	23:55	464	Dist Secondary - OH	Weather / Wind	Unselected	1	464	75
2410440	1	3/4/2018	16:26	2:42	616	Dist Primary - OH	Tree Outside ROW - Down	Unselected	1	616	14008
2411685	1	3/4/2018	17:22	21:08	1,666	Dist Secondary - OH	Weather / Wind	Unselected	17	28,319	369
2410559	1	3/4/2018	17:23	18:30	1,507	Dist Primary - OH	Weather / Wind	Unselected	1	1,507	14766
2410672	1	3/4/2018	18:36	22:34	238	Dist Primary - OH	Tree ROW - Limb	Unselected	14	3,326	183
2410766	1	3/4/2018	19:22	8:47	2,245	Dist Secondary - OH	Tree Row - Down	Unselected	1	2,245	394
2411026 2411517	1	3/5/2018 3/5/2018	0:30 1:06	7:54 11:22	444 616	Dist Secondary - OH Dist Primary - OH	Tree Row - Down Unknown	Unselected Unselected	3	444 1,848	14146 383
2411317	1	3/5/2018	1:06	10:45	579	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	23	13,317	383
2411076	1	3/5/2018	1:06	10:45	579	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	28	16,207	383
2411217	1	3/5/2018	2:34	2:43	9	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	2,062	18,558	14717
2411217	0	3/5/2018	2:34	4:16	102	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	404	41,208	14717
2411439	1	3/5/2018	5:22	14:38	556	Dist Primary - OH	Weather / Wind	Unselected	3	1,668	14717
2411440	0	3/5/2018	5:27	7:28	121	Dist Primary - OH	Weather / Wind	Unselected	80	9,680	345
2411548	1	3/5/2018	6:58	1:14	1,096	Dist Primary - OH	Weather / Wind	Unselected	1	1,096	15016
2411560	1	3/5/2018	7:06	15:09	483	Dist Secondary - URD	Foreign Contact	Unselected	1	483	15174
2411440 2411618	1	3/5/2018 3/5/2018	7:20	7:28 8:35	8 64	Dist Primary - OH Dist Primary - OH	Weather / Wind	Unselected	168	1,344	345 14133
2411618	1	3/5/2018	7:30 8:29	12:30	241	Dist Primary - OH	Weather / Wind Weather / Wind	Unselected Unselected	49	3,160 241	14145
2411703	1	3/5/2018	8:44	18:40	2,036	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	5	1	366
2411826	1	3/5/2018	8:53	18:50	597	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	597	15943
2411883	1	3/5/2018	9:11	17:00	468	Dist Secondary - OH	Unknown	Unselected	1	468	15013
2412041	1	3/5/2018	9:35	9:59	24	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	24	496
2412353	1	3/5/2018	9:41	11:00	79	Dist Primary - OH	Weather / Wind	Unselected	64		165
2412115	1	3/5/2018	9:46	15:04	318	Dist Primary - OH	Weather / Wind	Unselected	1	318	14717
2412161	1	3/5/2018	10:05	13:01	1,616	Dist Primary - OH	Unknown	Unselected	1	1,616	324
2412245	1	3/5/2018	10:39	1:48	908	Dist Primary - UG	Equipment Failure Tree Row - Down	Cable	25		144 15705
2412262 2412373	1	3/5/2018 3/5/2018	10:45 11:23	8:42 3:56	1,317 992	Dist Secondary - OH Dist Primary - OH	Tree Row - Down Tree ROW - Limb	Unselected Unselected	1 2	1,317 1,984	15705 14146
2412373	1	3/5/2018	12:20	23:24	664	Dist Secondary - OH	Foreign Contact	Unselected	28		15012
2412501	1	3/5/2018	12:27	4:25	958	Dist Primary - OH	Unknown	Unselected	1		15012
2412557	1	3/5/2018	12:46	6:22	1,055	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	1,055	15198
2412585	1	3/5/2018	13:05	17:16	251	Dist Secondary - OH	Unknown	Unselected	1	251	14702
2412621	1	3/5/2018	13:19	14:43	84	Dist Primary - OH	Tree Outside ROW - Down	Unselected	44	3,694	385
2412616	1	3/5/2018	13:19	13:11	1,432	Dist Secondary - OH	Equipment Failure	Wire - Bare	1	<u> </u>	15706
2412646	1	3/5/2018	13:40	3:15	815	Dist Secondary - OH	Weather / Wind	Unselected	1	815	14014
2412713	1	3/5/2018	14:18	14:54	36	Dist Secondary - OH	Tree Row - Down	Unselected	1	36	15013
2412848	1	3/5/2018	15:33	9:58	1,105	Dist Secondary - OH	Weather / Wind	Unselected	1		144
2412959	1	3/5/2018	16:38 16:51	9:45	1,026	Dist Secondary - UG Dist Secondary - OH	Cable Cut - Unknown	Unselected Wire Bare	1	1,026	15996
2412987	1	3/5/2018	16:51	8:05	914	Dist Secondary - OH Dist Primary - OH	Equipment Failure	Wire - Bare	1	914	490 14806
2413029	1	3/5/2018	17:20	17:26	6	Dist Primary - OH	Unknown	Unselected	2	12	14806

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2413182	1	3/5/2018	19:41	11:52	970	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	970	15010
2413282	1	3/5/2018	21:56	7:30	574	Dist Secondary - UG	Equipment Failure	Cable	1	574	14713
2413449	1	3/6/2018	6:59	12:16	317	Dist Primary - URD	Vandalism	Unselected	1	317	15174
2413500	1	3/6/2018	8:21	17:20	539	Dist Secondary - OH	Unselected	Unselected	1	539	101
2413530	1	3/6/2018 3/6/2018	8:51 9:09	10:16 14:37	85 328	Dist Secondary - OH Dist Secondary - OH	Foreign Contact	Unselected	1	85 328	14136
2413552 2413580	1	3/6/2018	9:34	22:32	778	Dist Secondary - URD	Equipment Failure Unknown	Connection(i.e. Loose) Unselected	1	778	490 15173
2413617	1	3/6/2018	10:16	13:36	199	Dist Secondary - OH	Tree ROW - Limb	Unselected	1	199	15011
2413679	1	3/6/2018	11:01	12:31	89	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	89	14900
2413701	1	3/6/2018	11:16	12:31	74	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	74	14900
2413725	1	3/6/2018	11:36	17:00	323	Dist Secondary - OH	Foreign Contact	Unselected	1	323	372
2413783	1	3/6/2018	12:23	13:49	85	Dist Secondary - OH	Weather / Wind	Unselected	1	85	388
2413790	1	3/6/2018	12:30	17:09	279	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	279	15943
2413925	1	3/6/2018	14:31	19:40	308	Dist Primary - OH	Unknown	Unselected	1	308	15701
2414016 2414025	1	3/6/2018 3/6/2018	16:11 16:19	21:48 21:05	336 286	Dist Primary - OH Dist Secondary - OH	Tree Row - Down Equipment Failure	Unselected Service	1	336 286	15867 14261
2414023	1	3/6/2018	16:36	20:21	225	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	225	15010
2414075	1	3/6/2018	17:21	19:45		Dist Secondary - URD	Equipment Failure	Cable	1	144	15130
2414107	1	3/6/2018	18:06	19:00	53	Dist Secondary - UG	Unknown	Unselected	1	53	15702
2414115	1	3/6/2018	18:23	0:29	366	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	366	14767
2414160	1	3/6/2018	19:37	21:24	107	Dist Primary - OH	Equipment Failure	Wire - Covered	258	27,606	348
2414214	1	3/6/2018	19:56	21:40	104	Dist Primary - OH	Unknown	Unselected	126	13,104	327
2414211	1	3/6/2018	20:03	2:09	366	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	366	14900
2414553	1	3/7/2018	3:28	4:31	63	Dist Primary - OH	Equipment Failure	Wire - Bare	1,856	116,897	14758
2414628 2414629	1	3/7/2018 3/7/2018	3:28 3:28	5:41 5:49	133 141	Dist Primary - OH	Equipment Failure	Wire Bare	95 206	12,643	14758 14758
2414653	1	3/7/2018	7:20	16:06	526	Dist Primary - OH Dist Secondary - OH	Equipment Failure Weather / Wind	Wire - Bare Unselected	1	29,053 526	14756
2414743	1	3/7/2018	9:39	11:43	124	Dist Primary - OH	Tree Outside ROW - Limb	Unselected	79		14016
2414767	1	3/7/2018	10:12	16:44	392	Dist Secondary - OH	Weather / Wind	Unselected	1	392	14766
2414814	1	3/7/2018	11:09	13:24	134	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	134	14135
2414992	1	3/7/2018	15:43	21:14	331	Dist Primary - OH	Tree Outside ROW - Limb	Unselected	9	2,979	14717
2415020	1	3/7/2018	16:34	19:45	191	Network	Equipment Failure	Meter	1	191	14535
2415106	1	3/7/2018	23:03	23:31	28	Dist Primary - OH	Tree Outside ROW - Limb	Unselected	1	28	490
2415123	1	3/8/2018	2:54	10:41	467	Dist Primary - UG	Unknown	Unselected	17	7,939	233
2415201 2415219	1	3/8/2018 3/8/2018	9:32 10:04	14:16 11:33	284 89	Dist Secondary - UG Dist Secondary - OH	Equipment Failure Equipment Failure	Cable Connection(i.e. Loose)	1	284 89	14555 451
2415219	1	3/8/2018	13:44	15:55	131	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	131	15174
2415410	1	3/8/2018	14:16	18:20	244	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	6	1,462	15706
2415417	1	3/8/2018	14:37	14:57	20	Dist Primary - OH	Tree Outside ROW - Down	Unselected	216	4,320	14132
2415573	1	3/8/2018	18:58	19:53	54	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	54	15009
2415578	1	3/8/2018	19:12	19:38	26	Dist Secondary - OH	Equipment Failure	Service	1	26	15707
2415665	1	3/9/2018	9:02	10:20	78	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	78	387
2415787	1	3/9/2018	12:34	20:15		Dist Primary - OH	Equipment Failure	Cutout	1	461	15001
2415867 2415870	1	3/9/2018 3/9/2018	16:10 16:14	17:15 20:41	64 267	Dist Secondary - UG Network	Vandalism	Meter Cable	1	64 267	15701 15385
2415870	1	3/9/2018	17:02	21:57	294	Dist Secondary - OH	Equipment Failure Equipment Failure	Connection(i.e. Loose)	1	294	15710
2415905	1	3/9/2018	18:16	19:00	44	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	44	15943
2415947	1	3/10/2018	5:33	7:09	96	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	96	15010
2416110	1	3/11/2018	11:01	12:33	92	Dist Primary - OH	Unknown	Unselected	20	1,840	15706
2416185	1	3/11/2018	20:13	21:47	94	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	94	15801
2416196	1	3/11/2018	23:41	1:30	109	Dist Secondary - OH	Equipment Failure	Wire - Bare	1	109	15199
2416276	1	3/12/2018	9:40 10:46	13:05	205 49	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose) Unselected	1 8	205 392	15010
2416316 2416427	1	3/12/2018 3/12/2018	10:46 14:30	11:35 16:56		Dist Primary - OH Dist Primary - OH	Tree Outside ROW - Limb Weather / Wind	Unselected Unselected	26		52 15172
2416512	1	3/12/2018	22:20	23:28	68	Dist Primary - OH	Unknown	Unselected	8	541	14017
2416629	1	3/13/2018	11:18	13:00	101	Dist Secondary - UG	Equipment Failure	Service	1	101	15702
2416712	1	3/13/2018	14:34	17:41	186	Dist Secondary - URD	Equipment Failure	Meter	1	186	15166
2417076	1	3/14/2018	16:39	17:20	41	Dist Secondary - UG	Equipment Failure	Cable	1	41	15762
2417104	1	3/14/2018	18:29	20:10		Dist Primary - OH	Equipment Failure	Fuse	1	100	366
2417120	1	3/14/2018	19:39	20:57	77	Dist Primary - OH	Equipment Failure	Cutout	1	77	383
2417125	1	3/14/2018	20:05	22:11	125	Dist Secondary - UG	Equipment Failure	Meter	1	125	15764
2417143	1	3/14/2018	21:41	23:49	128	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	128	15006
2417166 2417247	1	3/14/2018 3/15/2018	23:27 10:26	23:56 13:42	28 196	Dist Secondary - OH Dist Primary - OH	Equipment Failure Foreign Contact	Connection(i.e. Loose) Unselected	14	396 196	15006 369
2417247	1	3/16/2018	10:26	12:08	112	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	16		15015
2417721	1	3/16/2018	16:22	18:47	145	Dist Secondary - OH	Vandalism	Unselected	1	145	387
2417881	1	3/17/2018	6:01	7:32	91	Dist Primary - UG	Unknown	Unselected	35		15204W
2417886	1	3/17/2018	7:59	10:22	143	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	143	386
2417920	1	3/17/2018	10:52	15:03	251	Dist Primary - OH	Equipment Failure	Wire - Covered	1	251	16001
2417920	0	3/17/2018	10:52	12:25		Dist Primary - OH	Equipment Failure	Wire - Covered	469		16001
2417920	0	3/17/2018	10:52	12:31	99	Dist Primary - OH	Equipment Failure	Wire - Covered	295	29,205	16001

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2417930	1	3/17/2018	11:12	12:30	78	Dist Primary - OH	Weather / Wind	Unselected	1	78	16328
2417932	1	3/17/2018	11:12	12:59	108	Dist Primary - OH	Weather / Wind	Unselected	1	108	16331
2417931	1	3/17/2018	11:12	12:59	108	Dist Primary - OH	Weather / Wind	Unselected	1	108	16329
2417945	1	3/17/2018	11:54	12:59	64	Dist Primary - OH	Weather / Wind	Unselected	1	64	16327
2417948	1	3/17/2018	12:11	16:10	239	Dist Primary - OH	Equipment Failure	Transformer	20	4,780	15011
2418004	1	3/17/2018	12:46	15:48	182	Dist Primary - UG	Equipment Failure	Cable	9	1,638	15703
2417959 2418011	1	3/17/2018 3/17/2018	12:46 12:46	15:37 17:17	171 271	Dist Primary - UG Dist Primary - UG	Equipment Failure Equipment Failure	Cable Cable	72 78	12,312 21,138	15703 15703
2418011	1	3/17/2018	12:46	16:20	214	Dist Primary - UG	Equipment Failure	Cable	13	2,782	15703
2417989	1	3/17/2018	14:36	17:33	176	Dist Secondary - OH	Equipment Failure	Cable	1	176	372
2418273	1	3/19/2018	8:22	13:18	296	Dist Secondary - OH	Motor Vehicle	Unselected	1	296	14031
2418182	1	3/19/2018	9:33	11:08	94	Dist Secondary - OH	Equipment Failure	Wire - Bare	1	94	15176
2418403	1	3/19/2018	16:10	16:50	39	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	39	14711
2418434	1	3/19/2018	18:06	19:32	86	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	86	368
2418465	1	3/19/2018	21:38	23:11	93	Dist Primary - OH	Fire	Unselected	18	1,674	489
2418533	1	3/20/2018	8:14	9:08	53	Dist Secondary - UG	Equipment Failure	Service	1	53	15197
2418602	1	3/20/2018	11:53	14:27	154	Dist Secondary - UG	Equipment Failure	Cable	1	154 403	15197
2418683 2418699	1	3/20/2018 3/20/2018	17:23 18:56	0:06 19:51	403 55	Dist Secondary - UG Dist Primary - OH	Equipment Failure Motor Vehicle	Cable Unselected	1	55	15702 15001
2418754	1	3/20/2018	21:25	22:20	55	Dist Secondary - UG	Equipment Failure	Cable	17	935	15702
2418772	1	3/21/2018	5:53	12:00	367	Dist Secondary - UG	Weather / Salt	Unselected	1	367	15986
2418877	1	3/21/2018	9:55	10:07	12	Dist Secondary - UG	Equipment Failure	Meter	1	12	15762
2418886	1	3/21/2018	10:10	14:30	260	Dist Secondary - UG	Equipment Failure	Meter	1	260	15874
2419199	1	3/21/2018	13:30	18:00	270	Dist Primary - OH	Tree Outside ROW - Down	Unselected	9	2,430	14133
2419237	1	3/21/2018	14:04	18:30	265	Dist Secondary - UG	Weather / Salt	Unselected	1	265	15708
2419393	1	3/21/2018	15:31	18:47	195	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	195	15944
2419526	1	3/21/2018	18:04	19:50	106	Dist Secondary - UG	Equipment Failure	Cable	1	106	15204W
2419541	1	3/21/2018	18:21	19:50	89	Dist Secondary - UG Dist Primary - OH	Equipment Failure	Cable	83	7,387	15204W
2419598 2419635	1	3/21/2018	20:56 0:59	21:02 1:40	7 41	Dist Primary - OH Dist Secondary - UG	Equipment Failure Equipment Failure	Connection(i.e. Loose) Cable	1	7 41	15199 15986
2419674	1	3/22/2018	9:05	15:00	354	Dist Secondary - UG	Equipment Failure	Cable	1	354	223
2419701	1	3/22/2018	10:02	11:37	94	Network	Equipment Failure	Connection(i.e. Loose)	1	94	14404
2419865	1	3/22/2018	11:42	16:32	291	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	9	2,616	87
2419757	1	3/22/2018	11:49	12:32	43	Dist Primary - OH	Equipment Failure	Wire - Bare	709	30,487	14035
2419963	1	3/23/2018	7:44	8:47	63	Dist Primary - OH	Unknown	Unselected	10	630	14765
2420007	1	3/23/2018	9:45	14:18	272	Dist Secondary - UG	Equipment Failure	Cable	1	272	14057
2420050	1	3/23/2018	11:23	13:23	120	Dist Secondary - URD	Equipment Failure	Meter	1	120	15094
2420132	1	3/23/2018	15:37	21:54	376	Dist Secondary - OH	Equipment Failure	Meter	1	376	14031
2420162 2420209	1	3/23/2018 3/23/2018	17:28 21:37	19:39 22:30	131 53	Dist Primary - OH Dist Secondary - OH	Foreign Contact Equipment Failure	Unselected Meter	1	131 53	15173 309
2420209	1	3/24/2018	4:07	10:46	399	Dist Secondary - OH	Tree ROW - Limb	Unselected	5	1,994	451
2420234	1	3/24/2018	4:15	12:57	522	Dist Primary - OH	Motor Vehicle	Unselected	9	4,694	451
2420317	1	3/24/2018	12:03	13:14	71	Dist Primary - OH	Motor Vehicle	Unselected	62	4,401	15707
2420382	1	3/24/2018	18:34	20:08	94	Dist Secondary - OH	Equipment Failure	Service	1	94	15801
2420392	1	3/24/2018	20:35	0:06	211	Dist Primary - OH	Equipment Failure	Bushing	12	2,532	308
2420446	1	3/25/2018	10:55	19:30	514	Dist Secondary - UG	Equipment Failure	Cable	1	514	15761
2420532	1	3/26/2018	3:49	6:17	148	Dist Primary - OH	Motor Vehicle	Unselected	12	1,773	14261
2420721	1	3/26/2018	14:32	18:25	233	Dist Secondary - OH	Vandalism	Unselected	1	233	97
2420826 2420938	1	3/27/2018 3/27/2018	4:03 8:34	4:40 13:43	37 309	Network Dist Primary - UG	Equipment Failure Equipment Failure	Switch Fuse	119	4,403 309	14574 15462
2421000	1	3/27/2018	8:34	14:25	351	Dist Primary - UG	Equipment Failure	Fuse	1	351	15462
2421000	1	3/27/2018	8:34	15:10	395	Dist Primary - UG	Equipment Failure	Fuse	1	395	15461
2421045	1	3/27/2018	17:52	19:38	105	Dist Secondary - UG	Equipment Failure	Cable	23	2,420	14731
2421046	1	3/27/2018	17:55	21:10	195	Dist Secondary - UG	Equipment Failure	Meter	1		15763
2421091	1	3/28/2018	0:19	1:07	48	Dist Primary - UG	Equipment Failure	Switch	1	48	16327
2421090	1	3/28/2018	0:19	1:07	48	Dist Primary - UG	Equipment Failure	Switch	1	48	16328
2421108	1	3/28/2018	7:28	8:39	71	Dist Primary - OH	Animal/Squirrel	Unselected	18	1,278	14767
2421120	1	3/28/2018	8:08 9:23	9:35	86 141	Dist Primary - UG	Unknown Vandalism	Unselected Meter	8		14733 15709
2421152 2421351	1	3/28/2018 3/28/2018	20:53	11:44 21:11	141	Dist Secondary - OH Dist Primary - OH	Vandalism Equipment Failure	Wire - Bare	1	141 18	14133
2421563	1	3/29/2018	11:10	13:45	155	Dist Primary - UG	Equipment Failure	Fuse	59	9,145	15761
2421737	1	3/29/2018	19:06	23:57	290	Dist Secondary - UG	Equipment Failure	Meter	1	290	15986
2421858	0	3/30/2018	7:57	9:05	68	Dist Primary - UG	Equipment Failure	Fuse	692	47,056	14135
2421858	0	3/30/2018	7:57	9:39	102	Dist Primary - UG	Equipment Failure	Fuse	74	7,548	14135
2421858	1	3/30/2018	7:57	8:56	59	Dist Primary - UG	Equipment Failure	Fuse	141	8,319	14135
2421921	1	3/30/2018	9:41	13:39	237	Dist Primary - UG	Equipment Failure	Fuse	73	17,325	14135
2422041	1	3/30/2018	9:41	16:32	410	Dist Primary - UG	Equipment Failure	Fuse	1	410	14135
2422103	1	3/30/2018	17:11	18:46 19:31	94 44	Dist Secondary - URD Dist Secondary - UG	Employee Vandalism	Unselected Meter	1	94 44	15130 15206
2422125 2422185	1	3/30/2018 3/31/2018	18:47 3:49	4:46	57	Dist Secondary - UG Dist Secondary - OH	Vandalism Equipment Failure	Service	3	1	15206
2422103	1	3/31/2018	9:04	10:31	87	Network	Equipment Failure	Cable	342	29,754	14019
Z7ZZZUÜ	- 1	3/3//2010	5.04	10.31	01	IACTMOLK	Equipment I allule	Capie	342	25,134	14019

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2422210	1	3/31/2018	9:19	10:31	72	Network	Equipment Failure	Cable	1	72	14020
2422496	1	4/2/2018	9:23	11:00	97	Dist Secondary - UG	Vandalism	Unselected	1	97	15462
2422683	1	4/2/2018	17:23	21:49	265	Network	Equipment Failure	Cable	1	265	14535
2422797	1	4/3/2018	10:04	10:15	11	Dist Secondary - OH	Vandalism	Unselected	1	11	323
2422940	1	4/3/2018	16:42	18:44	122	Dist Secondary - OH	Equipment Failure	Service	1	122	15177
2423034	1	4/4/2018	9:43	11:00	77	Dist Secondary - UG	Unknown	Unselected	1	77	14713
2423158	1	4/4/2018	14:17	15:15	58	Dist Primary - OH	Weather / Wind	Wire - Bare	96	5,568	15003
2423158	0	4/4/2018	14:17	15:39	82	Dist Primary - OH	Weather / Wind	Wire - Bare	219	17,958	488
2423158	0	4/4/2018	14:17	15:39	82	Dist Primary - OH	Weather / Wind	Wire - Bare	1,188	97,416	15003
2423162 2423247	1	4/4/2018 4/4/2018	14:19 15:03	15:15 18:49	56 226	Dist Primary - OH Dist Secondary - OH	Weather / Wind Weather / Wind	Wire - Bare Unselected	116 23	6,469 5,187	489 15198
2423247	1	4/4/2018	15:11	15:41	30	Dist Primary - OH	Weather / Wind	Unselected	36	1,073	15013
2423383	1	4/4/2018	16:20	16:55	35	Dist Primary - OH	Weather / Wind	Wire - Bare	1,282	45,297	15003
2423383	0	4/4/2018	16:20	16:55	35	Dist Primary - OH	Weather / Wind	Wire - Bare	19	671	491
2423383	0	4/4/2018	16:20	16:55	35	Dist Primary - OH	Weather / Wind	Wire - Bare	219	7,738	488
2423383	0	4/4/2018	16:20	16:55	35	Dist Primary - OH	Weather / Wind	Wire - Bare	138	4,876	489
2423496	0	4/4/2018	17:44	19:12	88	Dist Primary - OH	Weather / Wind	Wire - Bare	1,188	104,544	15003
2423496	0	4/4/2018	17:44	19:12	88	Dist Primary - OH	Weather / Wind	Wire - Bare	219	19,272	488
2423496	1	4/4/2018	17:44	17:53	9	Dist Primary - OH	Weather / Wind	Wire - Bare	96	864	15003
2423512	0	4/4/2018	17:44	19:12	88	Dist Primary - OH	Weather / Wind	Unselected	219	19,163	488
2423512	1	4/4/2018	17:44	19:12	88	Dist Primary - OH	Weather / Wind	Unselected	738	64,575	15003
2423583	1	4/4/2018	20:05	20:43	38	Dist Secondary - OH	Equipment Failure	Meter	1	38	308
2423584 2423738	1	4/4/2018 4/5/2018	20:12 10:54	22:32 11:14	140 20	Dist Secondary - OH	Weather / Wind Equipment Failure	Unselected Connection(i.e. Loose)	1	140	15012 14022
2423736	0	4/5/2018	11:49	13:04	75	Dist Secondary - OH Dist Primary - OH	Employee	Pole	48	3,600	14022
2423803	1	4/5/2018	12:15	13:04	49	Dist Primary - OH	Employee	Pole	92	4,508	14014
2423889	1	4/5/2018	15:11	16:26	75	Dist Secondary - UG	Vandalism	Unselected	1	75	14004
2424119	1	4/6/2018	10:37	12:05	88	Network	Vandalism	Unselected	1	88	15322
2424477	1	4/8/2018	6:39	9:06	147	Dist Primary - OH	Equipment Failure	Transformer	11	1,617	15001
2424599	1	4/9/2018	9:06	15:30	384	Dist Primary - UG	Equipment Failure	Cable	1	384	14093
2424609	1	4/9/2018	9:42	10:39	57	Dist Secondary - OH	Vandalism	Unselected	1	57	15130
2424675	1	4/9/2018	11:18	14:22	184	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	184	14752
2424711	1	4/9/2018	13:04	19:36	392	Dist Secondary - OH	Equipment Failure	Wire - Bare	1	392	14987
2424867	1	4/10/2018	10:04	14:55	292	Dist Secondary - UG	Cable Cut - Billable	Unselected	1	292	16001
2425086	1	4/11/2018	4:10	5:30	79	Dist Primary - OH	Equipment Failure	Cutout	183	14,460	15703
2425097 2425327	1	4/11/2018 4/11/2018	5:53 19:38	6:30 20:46	37 67	Dist Primary - OH	Equipment Failure	Cutout	183	6,771	15703 14014
2425327	1	4/11/2018	20:24	21:39	74	Dist Secondary - OH Dist Secondary - OH	Vandalism Equipment Failure	Unselected Meter	1	74	15166
2425788	1	4/13/2018	11:32	14:06	153	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	153	15172
2426057	1	4/14/2018	14:26	16:18	112	Dist Secondary - OH	Equipment Failure	Wire - Bare	1	112	14015
2426191	1	4/15/2018	8:14	9:29	74	Dist Primary - OH	Equipment Failure	Fuse	29	2,154	15015
2426229	1	4/15/2018	13:17	14:00	43	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	43	15001
2426233	1	4/15/2018	13:32	14:52	79	Dist Primary - OH	Weather / Wind	Unselected	5	397	451
2426287	1	4/15/2018	16:16	17:47	91	Dist Primary - OH	Weather / Wind	Unselected	5		451
2426347	1	4/15/2018	20:07	21:36	88	Dist Secondary - OH	Equipment Failure	Wire - Bare	1	88	15198
2426353	1	4/15/2018	21:18	1:32	253	Dist Primary - OH	Tree Outside ROW - Down	Unselected	6	<u> </u>	132
2426381	1	4/16/2018	0:33	7:18	405	Dist Secondary - UG	Equipment Failure	Cable	1	405	15998
2426420	1	4/16/2018	2:56	5:02	126	Dist Primary - OH	Equipment Failure	Crossarm	191	24,050	15198
2426490 2426490	0	4/16/2018 4/16/2018	4:54 4:54	7:36 8:40	162 226	Dist Primary - URD Dist Primary - URD	Equipment Failure Equipment Failure	Fransformer - Subsurfac Fransformer - Subsurfac	6	972 1,582	14900 14900
2426490	1	4/16/2018	4:54	12:31	457	Dist Primary - URD	Equipment Failure	Fransformer - Subsurface	3	1,371	14900
2426555	1	4/16/2018	7:52	15:40	468	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	468	14765
2426601	1	4/16/2018	9:16	11:41	145	Dist Primary - OH	Unknown	Unselected	1		14900
2426615	1	4/16/2018	9:32	14:24	292	Dist Secondary - UG	Equipment Failure	Cable	1	292	14200
2426748	0	4/16/2018	10:37	14:52	255	Dist Primary - UG	Equipment Failure	Cable	134	34,170	15703
2426748	1	4/16/2018	10:37	13:56	199	Dist Primary - UG	Equipment Failure	Cable	76		15703
2426734	1	4/16/2018	13:23	18:00	276	Dist Secondary - UG	Equipment Failure	Cable	1	276	16003
2426859	1	4/16/2018	15:55	18:35	160	Dist Primary - UG	Equipment Failure	Cable	3		15295
2426972	1	4/17/2018	9:53	11:10	76	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	76	14035
2427034	1	4/17/2018	11:51	12:42	51	Dist Primary - OH	Animal/Squirrel	Unselected	1	51	15943
2427036	0	4/17/2018	12:00	14:19 14:10	139 130	Dist Primary - UG	Cable Cut - Billable Cable Cut - Billable	Unselected	118 156	16,402 20,280	16002 16002
2427036 2427117	1	4/17/2018 4/17/2018	12:00 14:55	16:59	130	Dist Primary - UG Dist Secondary - OH	Vandalism	Unselected Unselected	156	20,280	14008
2427117	1	4/17/2018	18:00	18:51	52	Dist Secondary - OH Dist Secondary - OH	Foreign Contact	Unselected	1	52	383
2427136	1	4/18/2018	13:01	13:32	31	Dist Secondary - UG	Equipment Failure	Meter	1	31	14736
2427441	1	4/18/2018	18:14	20:29	135	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	135	292
2427522	1	4/19/2018	7:03	8:50	106	Dist Primary - OH	Animal/Squirrel	Unselected	14	1,490	15199
2427531	1	4/19/2018	8:44	10:00	75	Dist Secondary - UG	Equipment Failure	Meter	1	75	15204F
2427667	1	4/19/2018	14:00	19:00	300	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	300	43
2427687	1	4/19/2018	14:29	17:28	179	Dist Primary - OH	Weather / Wind	Unselected	20		15018
2427702	1	4/19/2018	15:09	23:05		Dist Primary - OH	Tree Outside ROW - Down	Unselected	4	1,904	14900

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2427716	1	4/19/2018	15:39	17:08	89	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	12	1,063	15014
2427845	1	4/19/2018	22:23	8:33	610	Dist Primary - OH	Tree Outside ROW - Down	Unselected	12	7,320	133
2427845	0	4/19/2018	23:56	0:08	12	Dist Primary - OH	Tree Outside ROW - Down	Unselected	15	180	133
2427865	1	4/20/2018	6:52	10:30 12:26	217	Dist Secondary - OH	Equipment Failure	Meter	1	217	308 15867
2427931 2428188	1	4/20/2018 4/21/2018	9:57 7:36	11:00	148 204	Dist Primary - URD Dist Primary - UG	Unknown Equipment Failure	Unselected Cable	1 19	148 3,876	14200
2428246	1	4/21/2018	7:36	11:25	229	Dist Primary - URD	Equipment Failure	Cable	84	19,236	14200
2428379	1	4/22/2018	8:06	9:15	69	Dist Primary - OH	Animal/Squirrel	Unselected	18	1,234	14014
2428394	1	4/22/2018	10:10	10:33	23	Dist Primary - OH	Equipment Failure	Transformer	1	23	14900
2428741	1	4/23/2018	23:11	0:25	74	Dist Secondary - URD	Equipment Failure	Service	1	74	15094
2428754	0	4/24/2018	0:25	4:03	218	Dist Primary - UG	Equipment Failure	Transformer	5	1,090	15769
2428754	0	4/24/2018	2:53	3:09	16	Dist Primary - UG	Equipment Failure	Transformer	31	496	141
2428754	1	4/24/2018	2:53	3:09	16	Dist Primary - UG	Equipment Failure	Transformer	695	11,120	15769
2428940	1	4/24/2018	14:10	16:20	130	Dist Secondary - URD	Equipment Failure	Meter	1	130	14755
2429052	1	4/24/2018	14:55	18:43	228	Dist Primary - UG	Weather / Flood	Fuse	162	36,936	14732
2429052	0	4/24/2018	14:55	21:05	370	Dist Primary - UG	Weather / Flood	Fuse	283	104,710	14732
2429062	1	4/24/2018	22:14	23:14	60	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	60	14008
2429216 2429330	0	4/25/2018 4/26/2018	12:36 1:50	13:28 7:59	52 369	Network Dist Primary - UG	Employee Equipment Failure	Unselected Fransformer - Subsurface	1 6	52 2,214	14581 15991
2429330	1	4/26/2018	5:10	7:17	127	Dist Primary - UG	Equipment Failure	Fransformer - Subsurface	275	34,925	15991
2429421	1	4/26/2018	10:19	10:38	19	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	25	483	15012
2429500	1	4/26/2018	14:44	15:45	61	Dist Secondary - UG	Unknown	Unselected	1	61	15204R
2429609	1	4/27/2018	6:37	8:49	132	Dist Primary - OH	Tree ROW - Limb	Unselected	9	1,188	15944
2429712	1	4/27/2018	11:41	11:47	6	Dist Secondary - UG	Equipment Failure	Connection(i.e. Loose)	1	6	14731
2429796	1	4/27/2018	15:40	17:10	89	Dist Primary - OH	Equipment Failure	Fuse	15	1,338	15710
2429852	1	4/27/2018	19:40	20:33	53	Dist Secondary - UG	Equipment Failure	Meter	1	53	14362
2430043	1	4/28/2018	23:23	0:23	60	Dist Secondary - UG	Equipment Failure	Meter	1	60	14788
2430291	1	4/30/2018	12:44	13:16	32	Dist Primary - OH	Equipment Failure	Transformer	17	544	14900
2430687	1	5/1/2018	13:15	14:34	78	Dist Secondary - UG	Unknown	Unselected	1	78	14712
2430772	1	5/1/2018	16:41	18:09	88	Dist Secondary - OH	Equipment Failure	Meter	1	88	496
2430780	1	5/1/2018	16:52	18:30	97	Network	Cable Cut - Billable	Unselected	1	97	14581
2430807	1	5/1/2018	18:46	21:24	158	Dist Primary - OH	Equipment Failure	Lightning Arrestor	27	4,266	15197
2430908	1	5/2/2018	7:46	9:01	75	Dist Primary - OH	Equipment Failure	Fuse	16	1,199	15198
2430926 2431134	0	5/2/2018 5/2/2018	9:17 16:11	14:18 22:49	301 398	Dist Secondary - URD Dist Primary - UG	Cable Cut - Billable Equipment Failure	Unselected Bushing	13 20	3,913 7,960	15170 14733
2431134	1	5/2/2018	16:11	20:16	245	Dist Primary - UG	Equipment Failure	Bushing	27	6,615	14733
2431134	0	5/2/2018	16:11	21:57	346	Dist Primary - UG	Equipment Failure	Bushing	299	103,454	14733
2431174	1	5/2/2018	19:12	20:53	101	Dist Secondary - URD	Load	Unselected	1	101	15094
2431224	1	5/3/2018	6:24	9:22	177	Dist Primary - OH	Equipment Failure	Fuse	1	177	16001
2431232	1	5/3/2018	7:46	10:44	177	Dist Primary - OH	Animal/Squirrel	Unselected	7	1,241	15199
2431387	1	5/3/2018	10:11	12:40	149	Dist Primary - URD	Equipment Failure	Cable	13	1,937	15170
2431407	1	5/3/2018	10:11	13:27	196	Dist Primary - URD	Equipment Failure	Cable	8	1,568	15170
2431381	1	5/3/2018	10:11	12:31	140	Dist Primary - URD	Equipment Failure	Cable	16	2,240	15170
2431307	1	5/3/2018	10:11	13:27	196	Dist Primary - URD	Equipment Failure	Cable	8	1,568	15170
2431307	0	5/3/2018	10:11	12:05	114	Dist Primary - URD	Equipment Failure	Cable	61	6,954	15170
2431558	1	5/3/2018	10:24	10:52	28	Dist Secondary - UG	Equipment Failure	Cable	47	1,316	14732
2431400	1	5/3/2018	13:17	13:37	20	Dist Primary - URD	Equipment Failure	Cable	115	2,300	15170
2431307 2431463	1	5/3/2018 5/3/2018	13:17 16:00	13:37 18:16	20 136	Dist Primary - URD Dist Primary - OH	Equipment Failure Tree Outside ROW - Limb	Cable Unselected	115 22	2,300 2,986	15170 15009
2431463	1	5/3/2018	17:34	20:46	136	Dist Primary - OH Dist Primary - OH	Equipment Failure	Transformer	8	2,986 1,532	15009
2431501	1	5/3/2018	17:34	19:44	123	Dist Secondary - UG	Foreign Contact	Unselected	1	1,332	14787
2431583	1	5/4/2018	5:36	8:14	158	Dist Primary - URD	Equipment Failure	Cable	6	948	15170
2431634	0	5/4/2018	9:58	14:04	246	Dist Primary - UG	Equipment Failure	Cable	79	19,434	14057
2431634	0	5/4/2018	9:58	13:33		Dist Primary - UG	Equipment Failure	Cable	23	4,945	14057
2431634	0	5/4/2018	9:58	12:21	143	Dist Primary - UG	Equipment Failure	Cable	20	2,860	14057
2431634	1	5/4/2018	9:58	13:30	212	Dist Primary - UG	Equipment Failure	Cable	122	25,864	14057
2433455	1	5/4/2018	10:06	14:25		Dist Secondary - UG	Equipment Failure	Cable	1	259	14729
2431822	1	5/4/2018	19:45	19:59		Dist Primary - OH	Foreign Contact	Unselected	350	4,655	177
2431823	1	5/4/2018	19:46	19:59		Dist Primary - OH	Foreign Contact	Unselected	5	69	14709
2431846	0	5/4/2018	20:51	4:09	438	Dist Primary - UG	Equipment Failure	Cutout	4	1,752	56
2431846	0	5/4/2018	20:51	6:59	608	Dist Primary - UG	Equipment Failure	Cutout	20	12,160	56
2431846	0	5/4/2018	20:51	7:14	623	Dist Primary - UG	Equipment Failure	Cutout	28	17,444	56
2431870	0	5/5/2018	1:43	3:17 4:01	94 138	Dist Primary - UG	Equipment Failure	Cable	305 42	28,670	309 309
2431870 2431870	0	5/5/2018 5/5/2018	1:43 1:43	4:01 4:25	138 162	Dist Primary - UG Dist Primary - UG	Equipment Failure Equipment Failure	Cable Cable	144	5,796 23,328	309
2431846	1	5/5/2018	3:55	4:09	14	Dist Primary - UG	Equipment Failure	Cutout	26	364	56
2431906	1	5/5/2018	6:45	6:51	6	Dist Secondary - OH	Equipment Failure	Meter	1	6	15173
2431963	1	5/5/2018	9:17	9:57	40	Dist Primary - OH	Animal/Squirrel	Unselected	2	80	15950
2432087	1	5/5/2018	20:43	0:47	244	Dist Primary - URD	Equipment Failure	Cable	12	2,926	14766
2432188	1	5/6/2018	9:56	11:12	75	Dist Primary - URD	Equipment Failure	Cable	187	14,062	15170
2432188	0	5/6/2018	9:56	11:29	92	Dist Primary - URD	Equipment Failure	Cable	57	5,255	15170

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Event ID	Nested ?	Date of Outage	Begin Time	End Time	Outage Duration	Construction	Outage Cause	Equipment Type	Customers Affected	Customer Minutes	Feeder
2432197	1	5/6/2018	11:44	12:30	46	Dist Primary - URD	Equipment Failure	Cable	12	552	15170
2432383	1	5/7/2018	10:58	12:10	72	Dist Secondary - UG	Unknown	Unselected	1	72	15451
2432450	1	5/7/2018	13:53	16:08	135	Dist Primary - UG	Equipment Failure	Termination	2	270	15204W
2432450	0	5/7/2018	13:53	16:36	163	Dist Primary - UG	Equipment Failure	Termination	36	5,868	15204W
2432450 2432491	0 1	5/7/2018 5/7/2018	13:53 15:23	17:10 19:01	197 217	Dist Primary - UG Dist Secondary - OH	Equipment Failure Equipment Failure	Termination Service	80	15,760 217	15204W 15705
2432530	1	5/7/2018	16:59	19:59		Dist Primary - OH	Tree Outside ROW - Down	Unselected	309	55,620	118
2432559	1	5/7/2018	17:14	20:10		Dist Primary - OH	Tree Row - Down	Unselected	1	176	14031
2432450	0	5/7/2018	17:14	18:17	63	Dist Primary - UG	Equipment Failure	Termination	109	6,867	15204W
2432634	1	5/8/2018	3:33	4:31	59	Dist Primary - UG	Equipment Failure	Cable	58	3,400	64
2432634	0	5/8/2018	3:33	5:54	141	Dist Primary - UG	Equipment Failure	Cable	198	27,918	64
2432704	1	5/8/2018	9:14	12:30	196	Dist Primary - OH	Animal/Squirrel	Unselected	324	63,504	15197
2432704 2432877	1	5/8/2018 5/8/2018	12:24 12:33	12:30 14:35	6 122	Dist Primary - OH Dist Secondary - OH	Animal/Squirrel Foreign Contact	Unselected Unselected	276 1	1,656 122	15197 14014
2432985	1	5/8/2018	12:54	19:26	392	Dist Primary - UG	Equipment Failure	Transformer	2	784	14755
2433090	1	5/9/2018	8:29	10:41	131	Dist Primary - OH	Animal/Squirrel	Unselected	17	2,235	15166
2433146	1	5/9/2018	11:03	12:45	102	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	2	204	15011
2433202	1	5/9/2018	12:45	14:24	98	Dist Secondary - UG	Vandalism	Unselected	1	98	15701
2433260	1	5/9/2018	16:10	20:50	280	Network	Equipment Failure	Meter	1	280	14372
2433276	1	5/9/2018	16:45	22:10		Dist Primary - UG	Equipment Failure	Transformer	1	325	15867
2433334	1	5/9/2018	20:45	21:12		Dist Primary - OH	Tree Outside ROW - Limb	Unselected	1	27	14987
2433337	1	5/9/2018	21:03 22:23	21:12	10 76	Dist Primary - OH	Tree Outside ROW - Limb	Unselected	1	10 76	14987
2433344 2433367	1	5/9/2018 5/10/2018	7:20	23:38 8:41	82	Dist Secondary - UG Dist Primary - OH	Equipment Failure Animal/Squirrel	Connection(i.e. Loose) Unselected	297	24,260	15702 14015
2433591	1	5/10/2018	15:09	22:06	417	Dist Primary - UG	Cable Cut - Billable	Unselected	1	417	233
2433567	1	5/10/2018	18:38	20:45		Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	127	14035
2433639	1	5/11/2018	8:38	10:50	132	Dist Primary - OH	Animal/Squirrel	Unselected	1	132	15867
2433772	1	5/11/2018	13:06	17:00	234	Dist Secondary - UG	Cable Cut - Marked Wrong	Unselected	1	234	14736
2433883	1	5/11/2018	19:25	20:14	48	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	27	1,308	15011
2433931	1	5/12/2018	6:06	8:50	164	Dist Primary - OH	Animal/Squirrel	Unselected	9	1,475	15197
2433941	1	5/12/2018	6:25	7:35	70	Dist Primary - OH	Animal/Squirrel	Unselected	11	768	15011
2433970	1	5/12/2018	9:23	11:07	104	Dist Primary - OH	Animal/Squirrel	Unselected	1	104	15709
2433992 2434078	1	5/12/2018 5/12/2018	11:16 20:44	13:15 21:21	119 37	Dist Primary - OH Dist Primary - OH	Equipment Failure Unknown	Cutout Unselected	1 6	119 222	87 15094
2434130	1	5/13/2018	5:02	6:28	86	Dist Primary - OH	Equipment Failure	Fuse	35	3,010	491
2434139	1	5/13/2018	5:24	7:44	141	Dist Primary - OH	Unknown	Unselected	8	1,125	14017
2434171	1	5/13/2018	7:21	12:03	282	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	282	15001
2434206	1	5/13/2018	11:02	17:03	361	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	361	15001
2434210	1	5/13/2018	11:41	19:53	492	Dist Primary - UG	Equipment Failure	Fransformer - Subsurfac	3	1,476	14093
2434221	1	5/13/2018	12:56	14:56	119	Dist Secondary - OH	Tree ROW - Limb	Unselected	1	119	309
2434283	1	5/13/2018	22:16	23:20	64	Dist Primary - OH	Unknown	Unselected	51	3,288	14058
2434284 2434419	1	5/13/2018 5/14/2018	22:16 11:59	23:10 13:50	55 110	Dist Primary - OH Dist Secondary - OH	Unknown Vandalism	Unselected Unselected	13	712 110	14809 15174
2434432	1	5/14/2018	12:30	14:48	137	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	1	137	15009
2434469	1	5/14/2018	13:50	14:06	16	Dist Secondary - UG	Equipment Failure	Meter	1	16	211
2434616	1	5/14/2018	19:29	22:08	159	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	159	87
2434601	1	5/14/2018	19:35	20:00	25	Dist Primary - OH	Weather / Wind	Unselected	168	4,200	14023
2434601	0	5/14/2018	19:35	20:08	33	Dist Primary - OH	Weather / Wind	Unselected	343	11,319	14023
2434771	0	5/14/2018	20:33	22:57	144	Dist Primary - OH	Weather / Lightning	Unselected	58	8,352	14008
2434780 2434844	1	5/14/2018	20:36 21:34	23:43 21:54	187	Dist Primary - OH	Weather / Lightning	Unselected	1	187 20	14023 14555
2434844	1	5/14/2018 5/14/2018	21:34	21:54	20 50	Network Dist Primary - OH	Equipment Failure Weather / Lightning	Fransformer - Subsurface Unselected	148	7,400	14555 14008
2435521	1	5/15/2018	2:45	7:39		Dist Secondary - UG	Equipment Failure	Cable	140	294	15204W
2434946	1	5/15/2018	3:07	5:15		Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	22	2,815	14093
2435535	1	5/15/2018	5:11	7:57	166	Dist Secondary - UG	Equipment Failure	Cable	1	166	15204W
2434996	1	5/15/2018	7:34	9:56		Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	36	5,108	15012
2435034	1	5/15/2018	8:58	11:34		Dist Secondary - OH	Equipment Failure	Wire - Covered	1	155	14014
2435091	1	5/15/2018	10:52	14:42		Dist Secondary - UG	Equipment Failure	Cable	1	230	15702
2435182	1	5/15/2018	13:52	14:51 17:54	59	Dist Secondary - OH Dist Secondary - UG	Equipment Failure	Meter	1	59	14765 14722
2435236 2435330	1	5/15/2018 5/15/2018	15:25 16:35	17:54	149 68	Dist Secondary - UG Dist Primary - UG	Vandalism Equipment Failure	Meter Cable	1	149 68	14722
2435283	1	5/15/2018	16:35	17:43		Dist Primary - UG	Equipment Failure	Cable	121	7,611	15172
2435315	1	5/15/2018	18:03	21:50		Dist Secondary - UG	Equipment Failure	Cable	1	227	15702
2435335	1	5/15/2018	18:22	19:55		Dist Secondary - OH	Tree ROW - Limb	Unselected	1	93	75
2435416	1	5/15/2018	21:32	23:25		Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	112	144
2435436	1	5/15/2018	22:40	0:17	98	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	98	144
2435474	1	5/16/2018	4:28	6:27	119	Dist Primary - UG	Equipment Failure	Cable	158	18,802	14729
2435499	1	5/16/2018	4:28	6:40		Dist Primary - UG	Equipment Failure	Cable	2	264	14729
2435498	1	5/16/2018	4:28 8:05	6:58		Dist Primary - UG Dist Primary - OH	Equipment Failure	Cable	200	30,000	14729
2435517 2435663	1	5/16/2018 5/16/2018	8:05 9:57	11:53 12:42	228 165	Dist Primary - URD	Animal/Squirrel Equipment Failure	Unselected Cable	96	912 15,840	14890 15170
∠+55005	- 1	J/ 10/2010	9.07	12.42	105	Distrilliary - URD	Equipment railure	Capie	90	10,040	13170

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Sustained Interruptions
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Event ID	Nested ?	Date of Outage	Begin Time	End Time	Outage Duration	Construction	Outage Cause	Equipment Type	Customers Affected	Customer Minutes	Feeder
2435663	0	5/16/2018	9:57	12:50	173	Dist Primary - URD	Equipment Failure	Cable	93	16,089	15170
2435665	1	5/16/2018	12:14	14:04	110	Dist Primary - OH	Animal/Squirrel	Unselected	4	440	15944
2435699	1	5/16/2018	13:08	17:35	266	Dist Primary - UG	Equipment Failure	Transformer	169	44,962	212
2435796	1	5/16/2018	19:47	20:52	65	Dist Primary - OH	Animal/Squirrel	Unselected	5	325	14987
2435842	1	5/16/2018	23:27	4:00	273	Dist Secondary - UG	Equipment Failure	Cable	1	273	14729
2436126 2435979	1	5/17/2018 5/17/2018	7:11 10:18	13:00 12:16	349 118	Dist Secondary - UG Dist Secondary - URD	Equipment Failure	Cable Fuse	36	349 4,248	14729 15174
2435979	1	5/17/2018	10:18	10:58	118	Dist Secondary - URD	Employee Unknown	Unselected	1	4,248	14017
2436028	1	5/17/2018	11:19	14:45	206	Dist Secondary - OH	Tree ROW - Limb	Unselected	1	206	128
2436058	1	5/17/2018	12:45	14:55	129	Dist Primary - OH	Unknown	Unselected	1	129	14035
2436079	1	5/17/2018	13:13	13:30	18	Dist Secondary - UG	Equipment Failure	Meter	1	18	14713
2436095	1	5/17/2018	13:24	14:59	94	Dist Primary - OH	Unknown	Unselected	1	94	14035
2436098	1	5/17/2018	13:29	16:28	179	Dist Primary - OH	Tree Vine	Unselected	20	3,571	15705
2436184	1	5/17/2018	16:55	17:10	16	Dist Secondary - UG	Equipment Failure	Wire - Covered	73	1,158	15021
2436273	1	5/17/2018	21:41	23:30	109	Dist Primary - UG	Unknown	Unselected	16	1,744	15462
2436285	1	5/17/2018	22:16	22:45	29	Dist Secondary - UG	Equipment Failure	Cable	1	29	14729
2436346	1	5/18/2018	6:07	17:13	666	Dist Primary - OH	Tree Outside ROW - Down	Pole	24	15,984	132
2436513	1	5/18/2018	12:04	12:17	14	Dist Secondary - OH	Tree ROW - Limb	Unselected	10	137	117
2436561	1	5/18/2018	13:24	16:03	159	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	159	14261
2436572	1	5/18/2018	13:48	16:42	174	Dist Secondary - UG	Vandalism	Unselected	1 6	174 1,485	14731 14767
2436762 2436583	1	5/18/2018 5/18/2018	13:56 14:07	18:04 14:30	247 23	Dist Secondary - OH Dist Secondary - OH	Tree Row - Down Tree Outside ROW - Down	Unselected Unselected	1	1,485	15197
2436363	1	5/18/2018	18:18	1:31	433	Dist Secondary - UG	Equipment Failure	Cable	1	433	167
2436802	1	5/18/2018	19:30	22:52	202	Dist Secondary - OH	Tree ROW - Limb	Unselected	5	1,010	15197
2436873	1	5/19/2018	0:13	1:06	53	Dist Primary - OH	Tree Outside ROW - Down	Unselected	736	39,364	14200
2436929	1	5/19/2018	0:13	1:42	89	Dist Primary - OH	Tree Outside ROW - Down	Unselected	695	61,832	14200
2436928	1	5/19/2018	1:07	1:19	12	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	12	14014
2437001	1	5/19/2018	5:49	8:20	150	Dist Primary - UG	Equipment Failure	Joint Failure	34	5,116	14132
2436994	1	5/19/2018	5:49	7:24	94	Dist Primary - UG	Equipment Failure	Joint Failure	3	283	14132
2436971	1	5/19/2018	5:49	6:02	12	Dist Primary - UG	Equipment Failure	Joint Failure	605	7,552	14132
2436971	0	5/19/2018	5:49	6:59	69	Dist Primary - UG	Equipment Failure	Joint Failure	465	32,310	14132
2436984	1	5/19/2018	6:34	18:11	697	Dist Primary - OH	Tree Outside ROW - Down	Unselected	7	4,879	64
2437071	1	5/19/2018	7:35	9:22	107	Dist Primary - URD	Equipment Failure	Cable	7	749	15177
2437012	1	5/19/2018	7:35	9:14	99	Dist Primary - URD	Equipment Failure	Cable	16	1,584	15177
2437072 2437005	1	5/19/2018 5/19/2018	7:35 7:46	11:58 8:05	263 20	Dist Primary - URD Dist Primary - UG	Equipment Failure Equipment Failure	Cable Joint Failure	25 4	6,575 80	15177 14132
2437003	1	5/19/2018	8:59	10:42	102	Dist Primary - OH	Equipment Failure	Cutout	6	614	14132
2437053	1	5/19/2018	9:01	12:37	216	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	216	15166
2437110	1	5/19/2018	11:45	14:28	163	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	163	14017
2437133	1	5/19/2018	13:20	17:08	227	Dist Primary - OH	Equipment Failure	Cutout	1	227	383
2437246	1	5/19/2018	15:18	21:18	360	Dist Primary - OH	Tree Outside ROW - Down	Unselected	2	720	14132
2437213	1	5/19/2018	17:40	11:58	1,098	Dist Primary - UG	Equipment Failure	Cable	1	1,098	14200
2437236	1	5/19/2018	19:29	19:52	23	Dist Secondary - OH	Vandalism	Unselected	1	23	15177
2437289	1	5/20/2018	2:47	4:46	119	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	119	144
2437304	1	5/20/2018	6:15	11:11	296	Dist Secondary - OH	Unknown	Unselected	1	296	15003
2437361	0	5/20/2018	9:52	12:16	144	Dist Primary - OH	Tree ROW - Limb Tree ROW - Limb	Fuse	28	4,032	14767
2437361 2437361	1	5/20/2018 5/20/2018	9:52 9:52	12:05 11:49	133 117	Dist Primary - OH Dist Primary - OH	Tree ROW - Limb	Fuse Fuse	15 49	1,995 5,733	14767 14767
2437420	1	5/20/2018	11:06	16:56	349	Dist Primary - OH Dist Secondary - UG	Equipment Failure	Cable	19	6,639	15462
2437420	1	5/20/2018	15:40	17:15	95	Dist Primary - URD	Equipment Failure	Cable	184	17,480	15170
2437509	0	5/20/2018	15:40	18:02	142	Dist Primary - URD	Equipment Failure	Cable	95	13,490	15170
2437547	1	5/20/2018	16:19	21:40	321	Dist Secondary - UG	Equipment Failure	Cable	100	32,100	14786
2437556	1	5/20/2018	16:46	19:06	139	Dist Secondary - UG	Equipment Failure	Cable	1	139	14713
2437509	0	5/20/2018	17:32	17:45	13	Dist Primary - URD	Equipment Failure	Cable	182	2,366	15170
2437633	1	5/20/2018	19:47	20:35	48	Dist Secondary - URD	Equipment Failure	Meter	1	48	14093
2437637	1	5/20/2018	20:06	20:47	41	Dist Secondary - URD	Employee	Unselected	11	447	15170
2437653	1	5/20/2018	20:46	21:43	56	Dist Secondary - OH	Unknown	Unselected	1	56	14022
2437728	1	5/21/2018	4:24	8:29	244	Dist Primary - UG	Equipment Failure	Fransformer - Subsurfac	81	19,773	14732
2437745	1	5/21/2018	8:00	10:26		Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	145	15943
2437754	1	5/21/2018	8:22 14:03	12:45	263	Dist Secondary - UG Dist Secondary - UG	Cable Cut - Unknown	Unselected	1	263	14786
2437938 2437963	1	5/21/2018 5/21/2018	14:03 14:58	16:04 19:17	121 258	Dist Secondary - UG Dist Secondary - UG	Equipment Failure Equipment Failure	Cable Cable	1 2	121 517	14722 15992
2437963	1	5/21/2018	15:58	1:05	546	Dist Secondary - UG	Equipment Failure	Cable	15	8,197	15992
2438100	1	5/21/2018	23:08	1:05	117	Dist Secondary - UG	Equipment Failure	Cable	16	1,872	15992
2438193	1	5/22/2018	6:31	8:00	89	Dist Primary - OH	Unknown	Unselected	32	2,846	14900
2438413	1	5/22/2018	16:46	19:09	143	Dist Primary - OH	Weather / Lightning	Unselected	12	1,712	15198
2438524	1	5/22/2018	18:23	19:06	43	Dist Primary - OH	Tree ROW - Limb	Unselected	675	29,070	15021
2438536	1	5/22/2018	18:48	21:12	143	Dist Secondary - OH	Tree ROW - Limb	Unselected	13	1,860	117
2438580	1	5/22/2018	19:43	1:51	367	Dist Primary - OH	Equipment Failure	Transformer	12	4,406	15198
2438645	1	5/22/2018	23:58	2:53	175	Dist Primary - URD	Equipment Failure	Transformer - Padmoun	1	175	14200
2438668	0	5/23/2018	4:13	6:58	165	Dist Primary - UG	Equipment Failure	Cable	110	18,150	14136

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265898 1	Event ID	Nested ?	Date of Outage	Begin Time	End Time	Outage Duration	Construction	Outage Cause	Equipment Type	Customers Affected	Customer Minutes	Feeder
2,98980 0,905,2018 1107 1119	2438668	0	5/23/2018	4:13	7:34	201	Dist Primary - UG	Equipment Failure	Cable	94	18,894	14136
2,938000 0,0000000000000000000000000000000							Dist Primary - UG	Equipment Failure	Cable		1,452	14136
2,539/19 1												
2391916												
2391816 1 \$55420718 341 1246 243 345												
239165 1 \$6900016 54.77 94.8 58 Del Secondary - OH Foreign Corract Unwelverted 1 58 58 146 146 147 1							, .					
2,93917 1, 0,0400118 1917 2750 214 016 Privary_OR Egiptemen Fallum Transformer 13 2,798 1918 140,040 1 150,000 1							,	- '				
259416 1 \$5020918 12 \$22 22 23 30 Del Senordary / IDD Cuptement Failure Garble 1 3.53 1977 259407 1 50 507501 3.64 10.10 4.00 5.01 5.00								•				
259496 1 \$5020018 100 17-28 1,000 Network Equipment Failure Calle 1 1,000 15946 2502018 1 1 1,000 15946 2502018 1 1 1,000												15170
2498478 0 \$625018 9:16 9:22 0 Det Primary - OH Teo Cultides RDW - Down Unselected 1:919 1:033 1:977 249909 1 \$655018 9:09 9:29 1:94 1:94 1:97 1:96 1:97 1:98 1:97 1:98 1:97 1:98 1:97 1:98 1:97 1:98	2439421	1	5/25/2018	1:05	17:48	1,003	•	Equipment Failure	Cable	1	1,003	15454
243989 1 9252018 920 122 434 Dat Primary -OH Tree Outland ROW - Down Unselected	2439463	1	5/25/2018	8:48	10:19	90	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	90	15094
249906 1 9/252018 0.39 1200 146 Dat Secondary - OH Tree Outland ROW - Down Unselected 20 2,900 1517 245908 1 5/252018 11:10 12:18 62 Dat Primary - VRD Animal Squirred Unselected 399 24,011 14:75 245908 1 5/252018 11:10 12:18 62 Dat Primary - VRD Animal Squirred Unselected 399 24,011 14:75 245908 1 5/252018 11:10 12:18 62 Dat Primary - VRD Animal Squirred Unselected 1 66 14:76 14:76 14:75 14:72 1	2439478	0	5/25/2018	9:16	9:24	8	Dist Primary - OH	Tree Outside ROW - Down	Unselected	319	2,552	15173
24,995,00										1,519		15173
249987 1						_	•			·		
243977 1 \$252018 1127 1222 56 Dal Firmary - OH							•					
243978 1 5 5252018 19-44 230 199 0 last Secondary - UG Variatism Unselected 1 1 199 1502 2439781 1 5 5252018 19-44 230 199 0 last Secondary - UG Variatism Unselected 1 1 199 1502 2439781 1 5 5252018 20-12 2130 190 1902 1902 1903 1902 2499781 1 5 5252018 20-12 2130 190 1902 1902 1903 1902 24992 18 20-12 2130 2130 190 1902 1902 1903 1902 24992 18 20-12 2130 1903 1902 1903 1902 1903 1902 1903 1902 1903 1902 1903 1902 1903 1902 1903 1902 1903 1903 1902 1903 1903 1903 1903 1903 1903 1903 1903							,	•				
2493737 1 \$522078 19.44 23.03 199 Dist Secondary - OH Variatism Unselected 1 177 1452 233974 1 \$522078 21.12 23.56 150 Dist Primary - OH Variatism Unselected 1 777 1452 233975 1 \$522078 21.12 23.56 150 Dist Primary - OH Variatism Unselected 1 27 1452 1509 23.34 20.02 1 23.56 1509 23.34 20.02 1 25.56 1509 23.34 20.02 1 25.56 23.34 20.02 1 25.56 23.34 20.02 23.3								_				
2493741 1 \$522018 2012 2130 77 Network Variatism Unselected 1 77 1452 143974 1 5022018 1516 1541 25 018 Secondary - OH Equipment Failure Connectent(i.e. Loose) 1 25 1590 249021 1 2502018 1516 1541 25 018 Secondary - OH Equipment Failure Connectent(i.e. Loose) 1 25 1590 249021 1 3022018 1534 1818 1541 1010 1014 1010 1014 1010 1014 1010 1014												
2439876 1 \$5782018 2122 2358 156 Dist Primary - OH Equipment Failure Coreccion Losso 1 25 1586 243900 1 \$5782018 1534 1506 1541 25 0158 2508 243900 1 \$5782018 1534 1508 1541 154							•					
2439809 1 \$5282018 15:16 15:41 25 0at Secondary - OH Equipment Failure Connection(ie. Lose) 1 25 15:09 244023 1 \$5727018 10:27 12:18 11:0 Dist Primary - OH Throw Primary - OH Th												183
2440236 1		1						•				15094
2440289 1	2439903	1	5/26/2018	15:34	18:08	154	Dist Primary - OH	Unknown	Unselected	44	6,776	15006
2440399	2440213	1	5/27/2018	10:27	12:18	110	Dist Primary - OH	Weather / Lightning	Unselected	1	110	15945
2440389 1 5/28/2018 7-57 8-54 8-56 Dis Primary - OH Augument Failure Insulator 1 5-68 14022 1404081 1 5/28/2018 9-41 11:18 97 Dist Primary - OH Augument Failure 33 3,188 15944 1404081 1 5/28/2018 15:56 16:49 54 Dist Primary - OH Equipment Failure Cutout 1 54 476 440481 1 5/28/2018 16:50 16:49 54 Dist Primary - OH Equipment Failure Cutout 1 54 476 440481 1 5/28/2018 16:50 16:49 54 Dist Primary - OH Equipment Failure Cutout 1 54 4476 440481 1 5/28/2018 16:31 17:35 44 Dist Primary - OH Equipment Failure Fuse 1 94 15:20 440488 1 5/28/2018 16:31 17:35 33 Dist Primary - URD Equipment Failure Fuse 1 1 63 15:20 440498 1 5/28/2018 19:08 20:33 85 Dist Primary - URD Equipment Failure Fuse 1 1 85 14:08 440596 1 5/28/2018 4:59 7:49 17:1 Dist Secondary - URD Equipment Failure Cable 100 17:100 14:151 440596 1 5/28/2018 4:59 8:51 233 Dist Primary - URD Equipment Failure Cable 120 30:07 14:151 4:40596 1 5/28/2018 7:39 11:25 12:5 Dist Primary - URD Equipment Failure Crossarm 6 1;45 15:09 14:40596 1 5/28/2018 7:39 11:25 12:5 Dist Primary - OH Equipment Failure Crossarm 6 1;45 15:09 14:40596 1 5/28/2018 10:41 11:25 44 Dist Primary - OH Equipment Failure Crossarm 6 1;45 15:00 14:40596 1 5/28/2018 10:41 11:25 44 Dist Primary - OH Equipment Failure Crossarm 1 44 15:01 15:00 14:40596 1 5/28/2018 7:25 8:42 77 Dist Primary - OH Equipment Failure Cable 1 97 7:21 14:40596 1 5/28/2018 7:25 8:42 77 Dist Primary - OH Equipment Failure Cable 1 97 7:24 1 9:44 15:00 1 9:44 15:00 1 9:44 15:00 1 9:44 15:00 1 9:44 15:00 1 9:44 15:00 1 9:44 15:00 1 9:44 15:00 1 9:44 15:00 1 9:44 15:00 1 9:44 15:00 1 9:44 15:00 1 9:44 15:00 1 9:44 15:00 1 9:44 15:00 1										·		14133
2440480 1 5/28/2018 15.56 16.49 54 Dist Primary - OH Animal/Squirrel Fue												14008
2440489							, .					
2440482												
2440486							, .					
2440486												
24406961 1 5282018 19.08 20.33 85 Dist Primary - URD Equipment Failure Unselected 1 63 15200 2440563 1 5292018 458 7.49 171 Dist Primary - URD Equipment Failure Cable 100 17.100 1415 2440524 1 5282018 458 8.51 233 Dist Primary - URD Equipment Failure Cable 129 30,057 1415 2440527 1 5282018 7.03 11.25 227 Dist Primary - URD Equipment Failure Crossarm 6 1,445 1500 2440556 1 5282018 7.03 11.25 122 Dist Primary - OH Equipment Failure Crossarm 6 731 1500 2440560 1 5282018 10.41 11.25 42 Dist Primary - OH Equipment Failure Crossarm 6 731 1500 2440560 1 5282018 10.41 11.25 44 Dist Primary - OH Equipment Failure Crossarm 6 731 1500 2440560 1 5282018 10.41 11.25 44 Dist Primary - OH Equipment Failure Crossarm 1 44 1500 2440560 1 5282018 10.41 11.25 44 Dist Primary - OH Equipment Failure Crossarm 1 44 1500 2440560 1 5292018 7.25 8.42 77 Dist Secondary - OH Equipment Failure Cable 1 97 8.1 2440901 1 53002018 7.25 8.42 77 Dist Secondary - UG Equipment Failure Cable 1 77 2411413 1 53002018 14.59 16.06 60 Dist Secondary - OH Equipment Failure Cable 1 60 62 2441136 1 53002018 18.55 20.36 101 Dist Secondary - OH Equipment Failure Cable 86 38.270 1520441133 1 53002018 18.55 20.36 101 Dist Secondary - OH Equipment Failure Cable 86 38.270 1520441133 1 53002018 18.55 20.36 101 Dist Secondary - OH Equipment Failure Cable 86 38.270 1520441133 1 5312018 310 7.57 237 Dist Primary - URD Equipment Failure Cable 65 18.55 1520441133 1 5312018 3416 3							,	- '				
2440505 1 5728/2018 4158 7.49 17 Dist Primary - URD AnimalPird Unselected 1 6.5 4.09.0 14.15 14.10 14.15 14.10 14.15 14.10 14.15 14.10 14.15 14.10 14.15 14.10 14.15 14.10 14.15 14.10 14.15 14.10 14.15												15206
2440554 1 5/29/2018 7:3 11:21 257 Dist Primary - URD Equipment Failure Cable 1:29 30.067 14:151 4440556 1 5/29/2018 9:23 11:25 122 Dist Primary - OH Equipment Failure Crossarm 6 7:31 15:00 2440560 1 5/29/2018 9:23 11:25 122 Dist Primary - OH Equipment Failure Crossarm 6 7:31 15:00 2440660 1 5/29/2018 12:27 14:05 44 Dist Primary - OH Equipment Failure Crossarm 1 44 15:01 2440660 1 5/29/2018 12:27 14:05 97 Dist Primary - OH Weather 7 Lightning Fuse 1 9.77 8:32 2440901 1 5/30/2018 9:07 10:10 62 Dist Secondary - UG Equipment Failure Cable 1 7.77 2:1 2440940 1 5/30/2018 9:07 10:10 62 Dist Secondary - UG Equipment Failure Cable 1 6.72 2:1		1										14093
2440526	2440523	1	5/29/2018	4:58	7:49	171		Equipment Failure	Cable	100	17,100	14150
2440680 1 5/29/2018 19.23 11.25 12.2 Dist Primary - OH Equipment Failure Crossarm 6 731 15.00 2440680 1 5/29/2018 10.41 11.25 44 Dist Primary - OH Equipment Failure Crossarm 1 44 15.01 2440680 1 5/29/2018 12.27 14.05 97 Dist Primary - OH Weather / Lightning Fuse 1 97 8.8 2440680 1 5/30/2018 9.07 10.10 62 Dist Secondary - UG Equipment Failure Cable 1 77 21 2440940 1 5/30/2018 9.07 10.10 62 Dist Secondary - UG Equipment Failure Cable 1 66 77 2441124 1 5/30/2018 16.02 17.45 103 Dist Secondary - OH Tree Outside ROW - Down Unselected 1 66 77 2441124 1 5/30/2018 16.02 17.45 103 Dist Secondary - OH Equipment Failure Meter 1 103 99 2441125 1 5/30/2018 18.55 20.36 101 Dist Secondary - OH Tree Outside ROW - Limb Unselected 1 101 1475 1475 1471	2440534	1	5/29/2018	4:58	8:51	233	Dist Primary - URD	Equipment Failure	Cable	129	30,057	14150
1	2440527	1	5/29/2018			257	Dist Primary - OH	Equipment Failure	Crossarm		1,545	15009
2440901 1 5/39/2018 12:27 14:05 97 Dist Primary - OH Weather / Lightning Fuse 1 97 8:												15009
2444994							,	- '		·		
2444193							,					
2441133												
2441124												75
2441231 0 5/31/2018 3:10 10:35 20:36 101 Dist Secondary - OH Tree Outside ROW - Limb Unselected 1 10:1 1475: 2441231 0 5/31/2018 3:10 10:35 445 Dist Primary - URD Equipment Failure Cable 66 38,270 15204V 2441281 1 5/31/2018 3:10 7:57 287 Dist Primary - URD Equipment Failure Cable 65 16,6655 15204V 2441243 1 5/31/2018 3:10 12:44 574 Dist Primary - URD Equipment Failure Cable 6 3.444 15204V 2441243 0 5/31/2018 4:45 7:47 182 Dist Primary - OH Equipment Failure Cable 1,791 325,962 1502 2441243 1 5/31/2018 4:45 6:07 82 Dist Primary - OH Equipment Failure Cable 322 2,576 1502 2441243 0 5/31/2018 4:45 6:07 82 Dist Primary - OH Equipment Failure Cable 104 8,528 1502 2441269 1 5/31/2018 6:33 10:27 234 Dist Primary - OH Equipment Failure Cable 104 8,528 1502 2441301 0 5/31/2018 7:17 8:19 62 Dist Primary - UG Equipment Failure Cable 438 27,156 1413 2441301 0 5/31/2018 7:17 3:13 356 Dist Primary - UG Equipment Failure Cable 438 27,156 1413 2441301 0 5/31/2018 7:17 3:13 356 Dist Primary - UG Equipment Failure Cable 140 11,340 1413 2441301 0 5/31/2018 7:17 3:31 356 Dist Primary - UG Equipment Failure Cable 140 11,340 1413 2441301 0 5/31/2018 7:17 3:31 356 Dist Primary - UG Equipment Failure Cable 15 5.297 4141301 0 5/31/2018 7:17 3:31 3:35 Dist Primary - UG Equipment Failure Cable 8 2,322 44414301 1 5/31/2018 8:24 13:15 290 Dist Primary - UG Equipment Failure Cable 8 2,322 44414301 1 5/31/2018 8:24 13:15 290 Dist Primary - UG Equipment Failure Cable 8 2,322 44414301 1 5/31/2018 8:24 13:15 290 Dist Primary - UG Equipment Failure Cable 8 2,322 44414301 1 5/31/2018 16:56 22:10 3:14 Dist Primary - UG Equipment Failure Ca							•					97
2441231 1 5/31/2018 3:10 7:57 287 Dist Primary - URD Equipment Failure Cable 65 18,655 15204W 2441482 1 5/31/2018 3:10 12:44 574 Dist Primary - URD Equipment Failure Cable 6 3,444 15204W 2441243 0 5/31/2018 4:45 7:47 182 Dist Primary - OH Equipment Failure Cable 1,791 325,962 1502 2441243 1 5/31/2018 4:45 6:07 82 Dist Primary - OH Equipment Failure Cable 322 2,576 1502 2441269 1 5/31/2018 6:33 10:27 234 Dist Primary - OH Equipment Failure Cable 104 8,528 1502 2441301 0 5/31/2018 7:17 8:19 62 Dist Primary - UG Unknown Unselected 11 2,574 1519 2441301 0 5/31/2018 7:17 13:13 356							•					14755
2441482 1 5/31/2018 3:10 12:44 574 Dist Primary - URD Equipment Failure Cable 6 3,444 15204W 2441243 0 5/31/2018 4:45 7:47 182 Dist Primary - OH Equipment Failure Cable 322 2.576 1502 2441243 0 5/31/2018 4:45 6:07 82 Dist Primary - OH Equipment Failure Cable 322 2.576 1502 2441243 0 5/31/2018 4:45 6:07 82 Dist Primary - OH Equipment Failure Cable 104 8.528 1502 2441269 1 5/31/2018 6:33 10:27 234 Dist Primary - UG Unknown Unselected 11 2.574 15192 2441301 0 5/31/2018 7:17 8:19 62 Dist Primary - UG Equipment Failure Cable 438 27,156 14133 2441301 1 5/31/2018 7:17 8:38 81 Dist Pr	2441231	0	5/31/2018		10:35	445	Dist Primary - URD	Equipment Failure	Cable	86	38,270	15204W
2441243 0 5/31/2018 4:45 7:47 182 Dist Primary - OH Equipment Failure Cable 1,791 325,962 1502 2441243 1 5/31/2018 4:45 4:53 8 Dist Primary - OH Equipment Failure Cable 322 2,576 1502 2441249 1 5/31/2018 6:33 10:27 234 Dist Primary - UG Unknown Unselected 111 2,574 1519 2441301 0 5/31/2018 7:17 8:19 62 Dist Primary - UG Equipment Failure Cable 438 27,156 1413 2441301 1 5/31/2018 7:17 3:13 356 Dist Primary - UG Equipment Failure Cable 438 27,156 1413 2441301 0 5/31/2018 7:17 3:13 356 Dist Primary - UG Equipment Failure Cable 47 25,32 1413 2441306 1 5/31/2018 7:21 13:15 290 Dist	2441231	1				287	Dist Primary - URD	Equipment Failure		65	18,655	15204W
2441243 1 5/31/2018 4:45 4:53 8 Dist Primary - OH Equipment Failure Cable 322 2,576 1502 2441243 0 5/31/2018 4:45 6:07 82 Dist Primary - OH Equipment Failure Cable 104 8,528 1502 2441269 1 5/31/2018 6:33 10:27 234 Dist Primary - UG Unknown Unselected 11 2,574 1519 2441301 0 5/31/2018 7:17 13:13 356 Dist Primary - UG Equipment Failure Cable 438 27,156 1413 2441301 1 5/31/2018 7:17 13:13 356 Dist Primary - UG Equipment Failure Cable 438 27,156 1413 2441301 0 5/31/2018 7:21 13:15 353 Dist Primary - UG Equipment Failure Cable 140 11,340 1413 2441331 1 5/31/2018 8:24 13:15 290 Dist							,	- '				15204W
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2441269 1 5/31/2018 6:33 10:27 234 Dist Primary - UG Unknown Unselected 11 2,574 1519/2018 27.156 1413/2018 27.156 1413/2018 27.156 1413/2018 27.156 1413/2018 27.156 1413/2018 27.156 1413/2018 27.156 1413/2018 27.156 1413/2018 27.156 1413/2018 27.156 1413/2018 27.156 1413/2018 27.156 1413/2018 27.156 1413/2018 241301 1 5/31/2018 7:17 8:38 81 Dist Primary - UG Equipment Failure Cable 140 11,340 1413/2018 244130/2018 7:21 13:15 353 Dist Primary - UG Equipment Failure Cable 15 5,297 441/2018 24413/20 15/31/2018 8:24 13:15 290 Dist Primary - UG Equipment Failure Cable 8 2,322 411/2018 24413/20 15/31/2018 10:07 10:28 27 Dist Primary - UG Equipment Failure Cable 264							,					
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2441301 1 5/31/2018 7:17 13:13 356 Dist Primary - UG Equipment Failure Cable 72 25,632 1413 2441301 0 5/31/2018 7:17 8:38 81 Dist Primary - UG Equipment Failure Cable 140 11,340 1413 2441306 1 5/31/2018 7:21 13:15 353 Dist Primary - UG Equipment Failure Cable 15 5,297 414 2441341 1 5/31/2018 8:24 13:15 290 Dist Primary - UG Equipment Failure Cable 8 2,322 414 2441435 1 5/31/2018 9:56 14:35 278 Dist Secondary - OH Tree Outside ROW - Limb Unselected 6 1,670 1500 2441301 0 5/31/2018 16:56 22:10 314 Dist Primary - UG Equipment Failure Cable 264 5,544 1413 2441662 1 5/31/2018 18:35 19:51 75							,					
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2441435 1 5/31/2018 9:56 14:35 278 Dist Secondary - OH Tree Outside ROW - Limb Unselected 6 1,670 15000 2441301 0 5/31/2018 10:07 10:28 21 Dist Primary - UG Equipment Failure Cable 264 5,544 1413 2441662 1 5/31/2018 16:56 22:10 314 Dist Primary - UG Equipment Failure Fransformer - Subsurface 35 10,990 20 2441694 1 5/31/2018 18:35 19:51 75 Dist Primary - OH Weather / Lightning Unselected 37 2,793 15944 2441754 1 5/31/2018 20:06 21:10 63 Dist Primary - OH Weather / Lightning Unselected 7 442 15944 2441813 1 6/1/2018 1:00 4:09 189 Dist Primary - OH Equipment Failure Transformer 1 189 14900 2441861 1 6/1/2018 7:29 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>414</td></td<>												414
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2441694 1 5/31/2018 18:35 19:51 75 Dist Primary - OH Weather / Lightning Unselected 37 2,793 15946 2441754 1 5/31/2018 20:06 21:10 63 Dist Primary - OH Weather / Lightning Unselected 7 442 15946 2441813 1 6/1/2018 1:00 4:09 189 Dist Primary - OH Equipment Failure Transformer 1 189 14900 2441861 1 6/1/2018 7:29 10:30 180 Dist Primary - UG Equipment Failure Cable 1 180 22: 2441861 1 6/1/2018 7:46 9:26 100 Dist Primary - OH Animal/Bird Unselected 36 3,599 15710 2442024 1 6/1/2018 12:47 13:34 48 Dist Secondary - OH Tree Outside ROW - Limb Unselected 1 48 15918 2442026 1 6/1/2018 12:58 14:25 87 <td></td> <td>14135</td>												14135
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2441813 1 6/1/2018 1:00 4:09 189 Dist Primary - OH Equipment Failure Transformer 1 189 14900 2441860 1 6/1/2018 7:29 10:30 180 Dist Primary - UG Equipment Failure Cable 1 180 22: 2441861 1 6/1/2018 7:46 9:26 100 Dist Primary - OH Animal/Bird Unselected 36 3,599 15710 2442024 1 6/1/2018 12:47 13:34 48 Dist Secondary - OH Tree Outside ROW - Limb Unselected 1 48 15010 2442026 1 6/1/2018 12:58 14:25 87 Dist Secondary - OH Equipment Failure Connection(ic. Loose) 1 87 14980 2442116 1 6/1/2018 17:02 19:18 136 Dist Primary - URD Equipment Failure Cable 38 5,168 15010 2442143 1 6/1/2018 18:23 20:01 97<												
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2442143 1 6/1/2018 18:23 20:01 97 Dist Secondary - OH Equipment Failure Meter 1 97 14900												15018
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Event ID	Nested ?	Date of Outage	Begin Time	End Time	Outage Duration	Construction	Outage Cause	Equipment Type	Customers Affected	Customer Minutes	Feede
2442170	1	6/1/2018	19:26	20:38	72	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	29	2,078	15006
2442175	1	6/1/2018	19:47	22:53	186	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	20	3,711	15003
2442223	1	6/1/2018	22:38	22:59	21	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	14	294	15012
2442243	1	6/2/2018	2:10	5:52	222	Dist Primary - UG	Equipment Failure	Fransformer - Subsurfac	1	222	16003
2442262	1	6/2/2018	6:14	8:23	129	Dist Primary - OH	Animal/Squirrel	Unselected	35	4,510	14987
2442263	1	6/2/2018	6:27	7:05	38	Dist Primary - OH	Animal/Bird	Unselected	15	570	15710
2442274	1	6/2/2018	7:52	9:46	114	Dist Secondary - URD	Equipment Failure	Service	1	114	15706
2442279	1	6/2/2018	8:29	9:30	61	Dist Secondary - UG	Equipment Failure	Meter	1	61	14151
2442280	1	6/2/2018	8:32	9:07	35	Dist Primary - OH	Animal/Squirrel	Unselected	2,212	77,420	14014
2442310 2442340	1	6/2/2018 6/2/2018	9:46 12:20	10:18 12:33	32 12	Dist Secondary - UG Dist Secondary - OH	Vandalism Equipment Failure	Unselected Meter	1	32 12	211 14755
2442340	1	6/2/2018	13:47	16:40	173	Dist Primary - OH	Unknown	Unselected	1	173	14016
2442522	0	6/3/2018	6:57	7:55	58	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	662	38,396	14717
2442522	0	6/3/2018	6:57	7:16	19	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	1,355	25,745	14717
2442522	1	6/3/2018	6:57	7:09	12	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	385	4,620	14717
2442555	1	6/3/2018	8:41	15:15	394	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	1	394	14146
2442559	1	6/3/2018	9:03	10:33	89	Dist Primary - OH	Tree ROW - Limb	Unselected	18	1,610	60
2442572	1	6/3/2018	9:54	10:58	63	Dist Primary - OH	Unknown	Unselected	51	3,215	15701
2442583	1	6/3/2018	10:11	14:05	234	Dist Primary - OH	Tree Row - Down	Unselected	12	2,808	15944
2442602	1	6/3/2018	11:20	15:15	234	Dist Secondary - UG	Equipment Failure	Cable	1	234	16000
2442666	1	6/3/2018	14:05	17:25	200	Dist Primary - OH	Tree Row - Down	Unselected	3	600	14146
2442697	1	6/3/2018	15:24	17:25	120	Dist Primary - OH	Tree Outside ROW - Limb	Unselected	25	3,011	15943
2442718 2442737	1	6/3/2018 6/3/2018	16:03 16:53	18:35 18:41	151 108	Dist Primary - OH	Equipment Failure Tree Outside ROW - Limb	Connection(i.e. Loose) Unselected	1	151 108	14135 372
2442737	1	6/3/2018	17:01	23:49	407	Dist Secondary - OH Dist Secondary - UG	Equipment Failure	Service	1	407	14151
2442750	1	6/3/2018	17:38	19:34	116	Dist Primary - OH	Equipment Failure	Fuse	8	928	1413
2442799	1	6/3/2018	19:23	21:36	132	Dist Primary - OH	Tree Outside ROW - Down	Unselected	1	132	14146
2442811	1	6/3/2018	20:00	1:17	317	Dist Primary - OH	Equipment Failure	Transformer	1	317	14017
2442821	1	6/3/2018	20:36	21:37	61	Dist Secondary - UG	Equipment Failure	Cable	34	2,074	228
2442881	1	6/3/2018	21:56	4:43	407	Dist Primary - URD	Equipment Failure	Fransformer - Subsurfac	6	2,442	15085
2442986	1	6/4/2018	6:41	8:35	114	Dist Primary - OH	Unknown	Unselected	59	6,726	15175
2442986	0	6/4/2018	6:41	9:36	175	Dist Primary - OH	Unknown	Unselected	62	10,850	15175
2443345	1	6/4/2018	15:52	3:13	680	Dist Secondary - UG	Equipment Failure	Service	1	680	15996
2443516	1	6/5/2018	3:09	4:28	79	Dist Primary - URD	Equipment Failure	Cable	104	8,216	14200
2443553	1	6/5/2018	8:07	13:26	318	Dist Primary - OH	Animal/Bird	Unselected	1	318	14752
2443558 2443575	1	6/5/2018 6/5/2018	8:16 8:41	13:01 9:37	285 55	Dist Primary - OH Dist Secondary - OH	Unknown Equipment Failure	Unselected Connection(i.e. Loose)	264	75,240 55	15166 15015
2443573	1	6/5/2018	9:04	18:05	541	Dist Primary - OH	Equipment Failure	Meter Meter	1	541	15166
2444859	1	6/5/2018	11:54	16:30	276	Dist Secondary - UG	Cable Cut - Billable	Cable	1	276	14004
2443960	1	6/5/2018	15:33	17:27	114	Dist Secondary - URD	Equipment Failure	Cable	1	114	14758
2443969	1	6/5/2018	16:06	17:03	56	Dist Primary - OH	Tree Outside ROW - Limb	Unselected	17	955	14093
2444054	1	6/5/2018	19:57	21:00	63	Dist Secondary - UG	Cable Cut - Billable	Unselected	1	63	15769
2444072	1	6/5/2018	21:47	22:22	35	Dist Secondary - OH	Vandalism	Unselected	1	35	15013
2444093	1	6/6/2018	1:33	3:30	116	Dist Secondary - UG	Cable Cut - Billable	Unselected	1	116	16000
2444145	1	6/6/2018	8:22	9:47	84	Dist Primary - OH	Tree Vine	Unselected	4	337	15014
2444156	1	6/6/2018	8:55	11:12	137	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	137	14758
2444185	1	6/6/2018	8:58	11:12	134	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	134	14758
2444405	1	6/6/2018	18:22	19:45	83	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	83	15705
2444416 2444431	1	6/6/2018 6/6/2018	19:09 20:36	21:03 21:55	114 79	Dist Primary - OH Dist Secondary - OH	Animal/Bird Equipment Failure	Fuse Meter	1	114 79	16001 14008
2444470	1	6/7/2018	1:04	1:54	49	Dist Secondary - UR	Cable Cut - Unknown	Unselected	1	49	16000
2444544	1	6/7/2018	8:42	12:39	237	Dist Primary - OH	Equipment Failure	Cutout	9	2,133	15014
2444654	1	6/7/2018	12:27	13:05		Dist Primary - OH	Animal/Other	Unselected	11	412	15015
2444714	1	6/7/2018	14:52	22:25	453	Network	Cable Cut - Billable	Unselected	1	453	14401
2444752	1	6/7/2018	17:03	18:14	70	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	70	15172
2444798	1	6/7/2018	20:08	1:10	301	Dist Secondary - UG	Equipment Failure	Cable	1	301	15764
2444836	1	6/8/2018	1:54	6:36	282	Dist Primary - UG	Equipment Failure	Cable	207	58,374	14054
2444836	0	6/8/2018	1:54	7:20	326	Dist Primary - UG	Equipment Failure	Cable	38	12,388	14054
2444948	1	6/8/2018	11:20	12:27	67	Dist Primary - OH	Animal/Squirrel	Unselected	1	67	14016
2445041	1	6/8/2018	15:14	18:05	171	Dist Secondary - UG	Cable Cut - Billable	Unselected	1	171	208
2445059	1	6/8/2018 6/9/2018	16:53 11:51	17:50 13:09	57 78	Dist Secondary - UG Dist Primary - OH	Cable Cut - Billable Animal/Bird	Unselected Unselected	1 471	57 36,738	208 14015
2445187 2445187	0	6/9/2018	12:01	13:09	160	Dist Primary - OH Dist Primary - OH	Animal/Bird Animal/Bird	Unselected	186	29,760	14015
2445187	0	6/9/2018	13:03	14:41	69	Dist Primary - OH Dist Primary - OH	Animal/Bird	Unselected	300	29,760	14015
2445524	1	6/9/2018	19:13	22:39	205	Dist Primary - OH	Foreign Contact	Wire - Bare	10	2,054	15710
2445502	1	6/9/2018	19:13	20:32	78	Dist Primary - OH	Foreign Contact	Wire - Bare	2,183	171,111	15710
2445584	1	6/10/2018	6:20	7:55	94	Dist Primary - OH	Load	Unselected	6		15705
2445658	0	6/10/2018	8:52	9:44	52	Dist Primary - OH	Equipment Failure	Regulator	1	52	14890
2445751	1	6/10/2018	12:04	12:36	32	Dist Primary - OH	Animal/Squirrel	Unselected	1	32	15463
2445762	1	6/10/2018	12:22	12:36	14	Dist Primary - OH	Animal/Squirrel	Unselected	1	14	14535
	1	6/11/2018	3:02	4:49	107	Network	Equipment Failure	Cable	70	7,469	15007

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Event ID	Nested ?	Date of Outage	Begin Time	End Time	Outage Duration	Construction	Outage Cause	Equipment Type	Customers Affected	Customer Minutes	Feeder
2445945	1	6/11/2018	5:49	6:42	53	Dist Primary - OH	Animal/Squirrel	Unselected	16	848	15006
2445963	1	6/11/2018	7:43	9:40	117	Dist Primary - OH	Unknown	Unselected	1	117	14015
2445970	1	6/11/2018	8:22	13:06	284	Dist Secondary - URD	Employee	Unselected	1	284	15173
2446039	0	6/11/2018	10:19	12:59	160	Dist Primary - OH	Tree Outside ROW - Down	Unselected	6	960	133
2446039	1	6/11/2018	10:19	19:48	569	Dist Primary - OH	Tree Outside ROW - Down	Unselected	6	3,414	133
2446070	1	6/11/2018	11:31	11:37	6	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	14	90	485
2446097	1	6/11/2018	12:37	13:11	34	Dist Secondary - URD	Employee	Unselected	1	34	14017
2446342	1	6/12/2018	1:29	6:33	304	Dist Primary - OH	Equipment Failure	Transformer	2	608	15705
2446388	1	6/12/2018	7:25	8:29	64	Dist Primary - OH	Tree Outside ROW - Limb	Unselected	556	35,584	14136
2446388	0	6/12/2018	7:25	9:21	116	Dist Primary - OH	Tree Outside ROW - Limb	Unselected	816	94,656	14136
2446475	1	6/12/2018	9:43	10:35	52	Dist Secondary - UG	Employee	Unselected	1	52	223
2446497	1	6/12/2018	10:24	11:15	51	Dist Secondary - OH	Unknown	Unselected	10	510	205
2446495	1	6/12/2018	10:24	11:20	56	Dist Secondary - OH	Unknown	Unselected	8	448	205
2446529	1	6/12/2018	10:59	12:00	61	Dist Secondary - UG	Vandalism	Unselected	1	61	14004
2446599	1	6/12/2018	13:04	13:35	31	Dist Secondary - OH	Foreign Contact	Unselected	1	31	15710
2446678	1	6/12/2018	15:51	15:57	5	Dist Secondary - OH	Equipment Failure	Meter	1	5	14758
2446735	1	6/12/2018	19:56	21:15	78	Dist Secondary - UG	Foreign Contact	Unselected	1	78	15991
2446775	1	6/13/2018	3:31	13:33	602	Dist Primary - UG	Equipment Failure	Cable	7	4,214	15199
2446797	1	6/13/2018	6:40	9:36	176	Dist Primary - OH	Animal/Squirrel	Unselected	141	24,802	14014
2446944	1	6/13/2018	12:42	17:12	270	Dist Secondary - OH	Employee	Unselected	1	270	14717
2447134	1	6/14/2018	7:07	9:29	141	Dist Primary - OH	Animal/Squirrel	Unselected	19	2,688	15199
2447263	1	6/14/2018	11:33	13:04	91	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	91	329
2447391 2447408	1	6/14/2018 6/14/2018	16:02 17:11	17:38 18:19	96 68	Dist Secondary - OH Dist Primary - OH	Vandalism Animal/Other	Unselected Unselected	1 24	96 1,632	14136 15172
2447491	1	6/15/2018	6:39	8:28	109	Dist Primary - OH	Animal/Squirrel	Unselected	13	1,417	15021
2447541	1	6/15/2018	6:42	9:18	156	Dist Primary - URD	Equipment Failure	Cable	59	9.204	15170
2447492	1	6/15/2018	6:42	8:58	136	Dist Primary - URD	Equipment Failure	Cable	123	16,728	15170
2447506	1	6/15/2018	7:06	9:11	125	Dist Primary - OH	Animal/Bird	Unselected	4	500	14752
2447528	1	6/15/2018	7:28	9:45	137	Dist Primary - OH	Animal/Squirrel	Unselected	69	9,453	15166
2447639	1	6/15/2018	11:39	13:24	105	Dist Primary - URD	Cable Cut - Marked Wrong	Cable	14	1,470	14900
2447780	1	6/16/2018	7:03	8:24	81	Dist Primary - OH	Animal/Squirrel	Fuse	15	1,208	14987
2447878	1	6/16/2018	16:48	19:00	132	Dist Secondary - UG	Equipment Failure	Cable	1	132	14001
2447932	1	6/17/2018	6:23	7:28	64	Dist Primary - OH	Animal/Bird	Unselected	47	3,030	15710
2448000	1	6/17/2018	11:45	4:03	978	Dist Primary - UG	Equipment Failure	Cable	3	2,934	233
2448000	0	6/17/2018	11:45	16:55	310	Dist Primary - UG	Equipment Failure	Cable	1	310	233
2448007	1	6/17/2018	11:49	12:55	66	Dist Primary - OH	Equipment Failure	Fuse	1	66	15021
2448075	1	6/17/2018	16:20	18:41	140	Dist Secondary - OH	Load	Unselected	20	2,802	15949
2448000	0	6/17/2018	16:27	16:55	28	Dist Primary - UG	Equipment Failure	Cable	27	756	233
2448112	1	6/17/2018	17:34	19:12	98	Dist Secondary - OH	Unselected	Unselected	1	98	14702
2448134	1	6/17/2018	19:12	20:08	56	Dist Secondary - OH	Foreign Contact	Unselected	1	56	14007
2448149	1	6/17/2018	20:03	23:30	207	Dist Primary - URD	Equipment Failure	Transformer	29	5,995	15705
2448153	1	6/17/2018	20:21	21:38	77	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	20	1,538	181
2448203	1	6/18/2018	7:20	9:17	117	Dist Primary - OH	Tree Outside ROW - Down	Unselected	9	1,053	133
2448366	1	6/18/2018	7:20	15:25	485	Dist Primary - OH	Tree Outside ROW - Down	Unselected	2	970	133
2448248	1	6/18/2018	9:33	10:55	82	Dist Primary - OH	Equipment Failure	Cutout Unselected	24	1,958	495
2448381	1	6/18/2018 6/18/2018	13:41	14:36 14:50	55	Dist Primary - OH	Animal/Squirrel		32	1,751	14900
2448385 2448385	0	6/18/2018	13:45 13:45	14:50	65 65	Dist Primary - OH Dist Primary - OH	Equipment Failure Equipment Failure	ACR ACR	1,038	67,470 65	15094 14016
2448572	1	6/18/2018	15:43	16:32	49	Dist Primary - OH	Equipment Failure	Transformer	22	1,081	15010
2448613	1	6/18/2018	16:38	17:58	80	Dist Primary - OH	Load	Unselected	17	1,360	14145
2448615	1	6/18/2018	16:41	21:00	259	Dist Secondary - UG	Foreign Contact	Unselected	1	259	15701
2448698	1	6/18/2018	17:33	18:54	82	Dist Secondary - UG	Employee	Unselected	1	82	15762
2448754	1	6/18/2018	19:49	21:01	72	Dist Secondary - OH	Load	Unselected	1		15006
2448788	1	6/18/2018	21:40	22:31	51	Dist Primary - OH	Load	Unselected	20	1,016	15001
2449013	1	6/19/2018	10:30	13:30	180	Dist Primary - UG	Unknown	Unselected	6	1,079	14729
2449533	1	6/20/2018	12:56	15:16	140	Dist Secondary - UG	Equipment Failure	Meter	1	140	117
2449610	1	6/20/2018	15:55	17:53	118	Dist Primary - OH	Animal/Bird	Unselected	1	118	16001
2449665	1	6/20/2018	19:50	21:09	79	Dist Primary - OH	Tree Outside ROW - Limb	Wire - Bare	436	34,444	99
2449727	1	6/20/2018	23:00	23:25	25	Dist Primary - OH	Employee	Unselected	49	1,225	451
2449942	1	6/21/2018	11:26	12:57	91	Dist Secondary - UG	Vandalism	Unselected	1	91	14004
2449977	1	6/21/2018	12:48	15:06	138	Dist Primary - UG	Equipment Failure	Cable	172	23,736	15703
2449977	0	6/21/2018	12:48	15:33	165	Dist Primary - UG	Equipment Failure	Cable	126	20,790	15703
2450294	1	6/22/2018	14:10	15:09	59	Dist Primary - OH	Tree Outside ROW - Limb	Unselected	1	59	14146
2450336	1	6/22/2018	15:55	19:30	214	Dist Primary - UG	Equipment Failure	Fuse	1	214	15295
2450346	1	6/22/2018	16:34	17:25	50	Dist Primary - OH	Tree ROW - Limb	Unselected	37	1,854	15166
2450373	1	6/22/2018	17:55	19:17	81	Dist Primary - OH	Equipment Failure	Fuse	1	81	15173
2450462	1	6/22/2018	22:11	22:20	10	Dist Secondary - OH	Equipment Failure	Meter	1	10	15011
2450558	1	6/23/2018	5:52	8:57	185	Dist Primary - URD	Equipment Failure	Fuse	197	36,445	15204F
2450636	1	6/23/2018	17:23	21:19	236	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	17	4,012	14015
2450674	1	6/23/2018	21:03	1:22	259	Dist Primary - URD	Equipment Failure	Cable	17	4,403	15166
2450674	0	6/23/2018	21:03	0:49	226	Dist Primary - URD	Equipment Failure	Cable	35	7,910	15166

Service Outage SO2018-09-E
Formerly Formal Case Nos. 982 and 1002
Commission Order Nos. 15131 and 15360
Attachment 1
Sustained Interruptions
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2000000 1	Event ID	Nested ?	Date of Outage	Begin Time	End Time	Outage Duration	Construction	Outage Cause	Equipment Type	Customers Affected	Customer Minutes	Feeder
2,000000000000000000000000000000000000	2450685	1	6/23/2018	23:07	4:40	333	Dist Secondary - UG	Equipment Failure	Cable	1	333	14001
2,000,000 1,000,000 1,000 1,756 1,34 Dat Pirmay, CH Engineer Falson Transformer 17 2,277 1,000	2450697	1	6/24/2018	2:40	11:07	507	Dist Secondary - UG	Equipment Failure	Cable	1	507	14001
2,950000 1		1					•	Equipment Failure	Cable		1	14001
255501 0.042011 1.659 1850 234 304 177								- ' '				14900
2505007 1												
2450010 1							,					
2450110 1							,					
285110 1 6/26/2018 73.0								- ' '				
285122 1 60250318 17.38 73.00 84.0 Del Senontary / U Vantaliam Meet 1 84 1400 140							,	- ' '				
2851972 1 6026018 1003 1248 1618 Dat Primary - OH Airmaffilled Descended 22 3.588 1519 2519104 1 6026018 17.58 0.05 3.58 Dat Secondary - UG Equipment Failure Cubbe 4 1.422 1509 1511 1519 151												14009
2451516 1 0-2620718 17-29 10-13 13-14 3-15	2451286	1	6/25/2018	21:11	23:07	115	Dist Secondary - OH	Tree ROW - Limb	Unselected	1	115	15094
2451677 1 0/220718 0.20 0.41 388 Dist Secondary -URD Equipment Failure Spice 11 4,273 1409 245165 1 0/270718 0.20 0.45 388 Dist Primary -URD Equipment Failure Spice 11 4,273 1409 245165 1 0/270718 0.20 0.45 388 Dist Primary -URD Equipment Failure Cable 12 1,080 1472 245165 1 0/270718 0.20 1.50 0.00 Dist Primary -URD Equipment Failure Cable 12 1,080 1472 245165 1 0/270718 0.20 0.15 0.00 0.00 0.15 0.00 0.15 0.00	2451378	1	6/26/2018	10:03	12:49	166	Dist Primary - OH	Animal/Bird	Unselected	23	3,818	15197
245107 1 6272018 0.20 6.45 383 Der Primary - URD Equipment Failure Cable 12 1.00 1475 245107 1 6272018 0.00 1475 0.00												14788
2454567 1 6272018 0.20 1.50 0.00 Primary - URD Equipment Failure Ceble 12 3.88 1475 2454567 1 6272018 10.57 20.55 2.38 Dal Primary - URD Equipment Failure Ceble 12 3.88 1475 2454567 1 6272018 10.57 20.55 2.38 Dal Primary - URD Equipment Failure Ceble 1 3.4 1405 245567 1 6272018 10.58 20.55 2.38 Dal Primary - URD Equipment Failure Ceble 1 3.4 1405 245067 1 6272018 11.38 13.11 10.5 10.50 20.50							•					15094
2451979 1							,		'			
2451937 1 62772018 16-07 20.56 238 Dis Pirrary - URD Equipment Failure Equipment Failure Tendermer - Padrouur 10 2.380 14006 13 1458							,	- ' '				
2457967 1 62727018 19:28 20:10 34 Network Equipment Falare Cable 1 34 14:58 24:525 24:525 1 6282018 18:12 19:13 61 01 01 05 03:69 14:58 14:13 24:525 14:10 0282018 18:12 19:13 61 01 05 05 03:45												
2452261 1 6/28/2018 11:39 13:11 92 Diel Primary - OH Tree Octasie ROW - Limb Unselected 4 4 45.08 14:13 15:20 14:20 15												
2452262 1 6/28/2018 18-14 19-49 95 Network Equipment Failure Cable 1 95 1458 1452626 1 6/28/2018 21:00 22:51 111 Dist Secondary - OH Equipment Failure Connection(e. Loseo) 1 111 38 2452555 1 6/28/2018 21:00 22:51 111 Dist Secondary - OH Equipment Failure Connection(e. Loseo) 1 111 38 2452555 1 6/28/2018 21:00 22:32 119 Dist Secondary - OH Equipment Failure Cable 1 111 136 2452555 1 6/28/2018 31:17 10:12 23:28 119 Dist Secondary - OH Equipment Failure Cable 42 17:440 9 2452564 1 6/28/2018 10:17 10:54 37 Dist Secondary - OH Equipment Failure Cable 42 17:440 9 2452644 1 6/28/2018 10:17 10:54 37 Dist Secondary - OH Equipment Failure Cable 42 17:440 9 2452644 1 6/28/2018 10:17 10:54 37 Dist Secondary - OH Equipment Failure Cable 1 37 15:19 2452630 1 6/28/2018 10:17 10:54 37 Dist Secondary - OH Equipment Failure Cable 1 37 15:19 2452630 1 6/28/2018 10:17 10:54 37 Dist Secondary - OH Equipment Failure Cable 1 37 15:19 245264 1 6/28/2018 10:17 10:54 37 Dist Secondary - OH Equipment Failure Cable 1 37 15:19 2452679 1 6/28/2018 20:57 23:26 17:10 Dist Primary - UG Equipment Failure Cable 1 25 15:44 25:20 15:70 24:25 25:20 7:10 Dist Primary - UG Equipment Failure Cable 1 2:50 15:70 24:25 25:20 7:10 Dist Primary - UG Equipment Failure Cable 1 2:50 15:70 24:25 25:20 7:10 Dist Primary - UG Equipment Failure Cable 1 2:50 2:50 15:70 2:50												14132
2452256 1	2452261	1	6/28/2018	18:12	19:13	61	Dist Secondary - OH	Foreign Contact	Unselected	1	61	15009
2452335 1	2452262	1	6/28/2018	18:14	19:49	95	Network	Equipment Failure	Cable	1	95	14581
2452371 1		1									1	15705
2452391 1												388
2455348												
2455244 1												
2452441 1 6/28/2018 10.17 11.59 102 Disl Secondary - OH Equipment Failure Service 1 102 5.							,				1	
2452680							, -					
2452839 1 672/2018 18:59 19:33 35 Dist Secondary - OH Equipment Failure Cable 11 3.5 1594 2452719 1 672/2018 20:57 23:28 149 Dist Primary - UG Equipment Failure Cable 14 2.090 1570 2452720 1 672/2018 20:57 0.48 231 Dist Primary - UG Equipment Failure Cable 14 2.090 1570 2452741 1 672/2018 20:57 0.48 231 Dist Primary - UG Equipment Failure Cable 168 38.800 1570 2452741 1 672/2018 20:57 0.48 221 Dist Primary - UG Equipment Failure Cable 393 67.312 1570 2452741 1 672/2018 9.99 9.32 24 Dist Secondary - OH Equipment Failure Cable 1 227 209 2452833 1 670/2018 29:43 13:30 227 Dist Secondary - OH Employe Unselected 1 227 309 2452833 1 670/2018 29:36 16:45 1.089 Network Equipment Failure Cable 1 1.089 14:35 2458196 1 670/2018 22:36 16:45 1.089 Network Equipment Failure Cable 1 1.089 14:35 2458196 1 670/2018 22:36 16:45 1.089 Network Equipment Failure Cable 1 1.089 14:35 245824 1 670/2018 22:36 12:16 22:260 Network Equipment Failure Cable 1 2.290 14:35 24:35 24:35 24:35 25:36 24:37 24:35 25:36 24:37 25:36							, -					15012
2452720	2452639	1	6/29/2018		19:33	35	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	35	15943
1	2452719	1	6/29/2018	20:57	22:08	71	Dist Primary - UG	Equipment Failure	Cable	118	8,378	15702
2452741 1	2452720	1	6/29/2018	20:57	23:26	149	Dist Primary - UG	Equipment Failure	Cable		2,090	15702
2452827 1												15702
2453833 1												
2453600 1 6/30/2018 22:36 12:45 1.089 Nebrook Equipment Failure Fuse 17 5:28 448 2458190 1 6/30/2018 22:36 16:45 1.089 Nebrook Equipment Failure Cable 1 1.089 14:53 2458204 1 6/30/2018 22:36 14:33 957 Network Equipment Failure Cable 1 957 14:53 2458204 1 6/30/2018 22:36 12:16 2.260 Nebrook Equipment Failure Cable 1 2.260 14:33 2458204 1 6/30/2018 22:36 12:16 2.260 Network Equipment Failure Cable 1 2.260 14:53 2458201 1 6/30/2018 22:36 18:20 1.184 Dist Primary -OH Equipment Failure Cable 1 1.571 14:53 2458201 1 6/30/2018 22:36 0.47 1.571 Network Equipment Failure Cable 1 1.571 14:53 2458201 1 6/30/2018 22:36 0.47 1.571 Network Equipment Failure Cable 1 1.571 14:53 2458201 1 7/1/2018 3:21 14:33 672 Dist Secondary - UG Equipment Failure Cable 1 0.772 15:71 14:53 24:53 0.772								- ' '				
2458149												
2458100												
2458201 1 6/30/2018 22:38 18:20 1,184 Dist Primary - OH Equipment Failure Cable 1 1,184 1453 2458201 1 6/30/2018 22:38 0.47 1,571 Network Equipment Failure Cable 1 1,571 1453 2458205 1 7/1/2018 3:21 14:33 672 Dist Secondary - UG Equipment Failure Cable 1 672 1570 1453 2453125 1 7/1/2018 3:40 5:13 93 Dist Primary - OH Equipment Failure Cable 373 118.614 1415 2453325 1 7/1/2018 4:18 9:36 318 Dist Primary - UG Equipment Failure Cable 373 118.614 1415 2453325 1 7/1/2018 15:32 18:40 187 Dist Secondary - OH Equipment Failure Cable 373 118.614 1415 2453335 1 7/1/2018 16:45 21:28 283 Dist Primary - URD Equipment Failure Cable 373 118.614 1415										1		14535
2458201 1 6/30/2018 22:36 0.47 1.571 Network Equipment Failure Cable 1 1.571 1453 2465906 1 7/1/2018 3:21 14:33 672 Dist Secondary - UG Equipment Failure Transformer 7 651 14/00 2453129 1 7/1/2018 4:18 9:36 318 Dist Primary - OH Equipment Failure Cable 373 118,614 14:15 2453356 1 7/1/2018 4:18 9:36 318 Dist Primary - OH Equipment Failure Cable 373 118,614 14:15 2453356 1 7/1/2018 15:32 18:40 1878 Dist Secondary - OH Equipment Failure Cable 373 118,614 14:15 2453358 1 7/1/2018 16:45 21:28 283 Dist Primary - URD Equipment Failure Connection(i.e. Loose) 24 4.490 14:76 2453381 1 7/1/2018 16:45 23:42 417 Dist Secondary - URD Equipment Failure Equipment Failure Transformer 50 14:150 15:09 2453343 1 7/1/2018 16:45 23:42 417 Dist Primary - URD Equipment Failure Bushing 2 8:34 15:09 2453346 1 7/1/2018 18:07 21:30 20:2 Dist Secondary - UG Equipment Failure Equipment Failure Cable 1 202 14:53 24:5366 1 7/1/2018 18:07 21:30 20:2 Dist Secondary - UG Equipment Failure Cable 1 1.015 14:53 24:5366 1 7/1/2018 20:07 6:56 6:50 Network Equipment Failure Cable 1 1.015 14:53 24:5367 1 7/1/2018 22:19 23:03 44 Dist Primary - OH Equipment Failure Cable 1 1.056 86,064 15:70 24:53570 1 7/1/2018 22:19 23:59 100 Dist Primary - OH Equipment Failure Cable 1 1.056 86,064 15:70 24:53570 1 7/1/2018 22:19 23:59 100 Dist Primary - OH Equipment Failure Cable 1 112 14:53 24:53570 1 7/1/2018 22:19 23:59 100 Dist Primary - OH Equipment Failure Cable 1 112 14:53 24:53570 1 7/1/2018 22:19 23:59 100 Dist Primary - OH Equipment Failure Cable 1 112 14:53 24:53580 1 7/1/2018 6:13 12:14 3:61 Network Equipment Failure Cable 1 1:61 1:61 1:61 1:61	2458204	1	6/30/2018	22:36	12:16	2,260	Network	Equipment Failure	Cable	1	2,260	14535
2465906 1	2458196	1	6/30/2018	22:36	18:20	1,184	Dist Primary - OH	Equipment Failure	Cable	1	1,184	14535
2453125												14535
2453129											1	
2453356 1 7/1/2018 15:32 18:40 187 Dist Secondary - OH Equipment Failure Connection(i.e. Loose) 24 4,490 1476 2453381 1 7/1/2018 16:45 21:28 283 Dist Primary - URD Equipment Failure Transformer 50 14,150 1509 2453340 1 7/1/2018 16:45 21:28 283 1509 1509 2453461 17/1/2018 16:45 21:28 283 Dist Primary - URD Equipment Failure Bushing 2 834 1509 2453413 1 7/1/2018 16:45 21:30 202 Dist Secondary - UG Equipment Failure Cable 1 202 1453 2453461 1 7/1/2018 19:20 12:16 1,015 Network Equipment Failure Cable 1 1,015 1453 2453561 1 7/1/2018 22:19 23:03 44 Dist Primary - OH Equipment Failure Cable 1 66:0 1453 2453561												
2453381 1 7/1/2018 16:45 21:28 283 Dist Primary - URD Equipment Failure Transformer 50 14,150 1509-2453506 1 7/1/2018 16:45 23:42 417 Dist Primary - URD Equipment Failure Bushing 2 834 1509-2453461 1 7/1/2018 17:10 18:20 70 Dist Primary - OH Equipment Failure Bushing 2 834 1509-2453460 1 7/1/2018 18:07 21:30 202 Dist Secondary - UG Equipment Failure Cable 1 202 1453 2453461 1 7/1/2018 19:20 12:16 1,015 Network Equipment Failure Cable 1 1,015 1453 2453567 1 7/1/2018 20:20 23:03 44 Dist Primary - OH Equipment Failure Cable 1 1,015 1453 2453567 1 7/1/2018 22:19 23:03 44 Dist Primary - OH Equipment Failure Cable 1 1,151 1453 2453551											· · · · · · · · · · · · · · · · · · ·	
2453506 1 7/1/2018 16.45 23.42 417 Dist Primary - URD Equipment Failure Bushing 2 834 1509 2453413 1 7/1/2018 17:10 18:20 70 Dist Primary - OH Equipment Failure Fuse 326 22,809 1570 2453460 1 7/1/2018 19:20 12:10 202 Dist Secondary - UG Equipment Failure Cable 1 1,015 1453 2453461 1 7/1/2018 19:20 12:16 1,015 Network Equipment Failure Cable 1 1,015 1453 2453515 1 7/1/2018 20:07 6:58 650 Network Equipment Failure Cable 1 1,056 86,064 1570 2453515 0 7/1/2018 22:19 23:03 44 Dist Primary - OH Equipment Failure Cable 1,956 86,064 1570 2453570 1 7/1/2018 22:14 0:36 112							•					
2453413 1 7/1/2018 17:10 18:20 70 Dist Primary - OH Equipment Failure Fuse 326 22,809 1570 2453460 1 7/1/2018 18:07 21:30 202 Dist Secondary - UG Equipment Failure Cable 1 202 1453 2453461 1 7/1/2018 19:20 12:16 1,015 Network Equipment Failure Cable 1 1,015 1453 2453567 1 7/1/2018 20:07 6:58 650 Network Equipment Failure Cable 1 650 1453 2453515 1 7/1/2018 22:19 23:03 44 Dist Primary - OH Equipment Failure Cable 1,956 86,064 1570 2453570 1 7/1/2018 22:19 23:59 100 Dist Primary - OH Equipment Failure Cable 97 89,700 1570 2453550 1 7/1/2018 1:3 2:45 72 Dist Primary - OH							, -	<u>' ' ' </u>				15094
2453460 1 7/1/2018 18:07 21:30 202 Dist Secondary - UG Equipment Failure Cable 1 202 1453 2453461 1 7/1/2018 19:20 12:16 1,015 Network Equipment Failure Cable 1 1,015 1453 2453567 1 7/1/2018 20:07 6:58 650 Network Equipment Failure Cable 1 650 1453 2453515 1 7/1/2018 22:19 23:03 44 Dist Primary - OH Equipment Failure Cable 1,956 86,064 1570 2453515 0 7/1/2018 22:19 23:59 100 Dist Primary - OH Equipment Failure Cable 897 89,700 1570 2453515 0 7/1/2018 22:49 0:36 112 Network Equipment Failure Cable 1 112 1453 2453515 1 7/1/2018 1:33 2:45 72 Dist Primary - OH Unk							,		•			15709
2453567 1 7/1/2018 20:07 6:58 650 Network Equipment Failure Cable 1 650 1453 2453515 1 7/1/2018 22:19 23:03 44 Dist Primary - OH Equipment Failure Cable 1,956 86,064 1570 2453515 0 7/1/2018 22:19 23:59 100 Dist Primary - OH Equipment Failure Cable 897 89,700 1570 2453570 1 7/1/2018 22:44 0:36 112 Network Equipment Failure Cable 1 112 1453 2453551 1 7/1/2018 1:33 2:45 72 Dist Primary - OH Unknown Unselected 24 1,723 1476 2453600 1 7/2/2018 4:27 6:58 151 Network Equipment Failure Cable 1 151 1453 2453692 1 7/2/2018 6:13 12:14 361 Network Equipment Failure		1	7/1/2018	18:07	21:30	202	Dist Secondary - UG	Equipment Failure	Cable			14535
2453515 1 7/1/2018 22:19 23:03 44 Dist Primary - OH Equipment Failure Cable 1,956 86,064 1570 2453515 0 7/1/2018 22:19 23:59 100 Dist Primary - OH Equipment Failure Cable 897 89,700 1570 2453570 1 7/1/2018 22:44 0:36 112 Network Equipment Failure Cable 1 112 1453 2453551 1 7/2/2018 1:33 2:45 72 Dist Primary - OH Unknown Unselected 24 1,723 1476 2453600 1 7/2/2018 4:27 6:58 151 Network Equipment Failure Cable 1 151 1453 2453692 1 7/2/2018 6:33 7:25 46 Dist Primary - OH Equipment Failure Cable 1 361 1453 2453693 1 7/2/2018 8:04 12:03 238 Network Equipment Failur		1										14535
2453515 0 7/1/2018 22:19 23:59 100 Dist Primary - OH Equipment Failure Cable 897 89,700 1570 2453570 1 7/1/2018 22:44 0:36 112 Network Equipment Failure Cable 1 112 1453 2453551 1 7/2/2018 1:33 2:45 72 Dist Primary - OH Unknown Unselected 24 1,723 1476 2453609 1 7/2/2018 4:27 6:58 151 Network Equipment Failure Cable 1 151 1453 2453692 1 7/2/2018 6:39 7:25 46 Dist Primary - OH Equipment Failure Cable 1 361 1453 2453690 1 7/2/2018 8:04 12:03 238 Network Equipment Failure Cable 1 238 1413 2453692 1 7/2/2018 8:04 10:05 76 Dist Primary - OH Foreign Contact												14535
2453570 1 7/1/2018 22:44 0:36 112 Network Equipment Failure Cable 1 112 1453 2453551 1 7/2/2018 1:33 2:45 72 Dist Primary - OH Unknown Unselected 24 1,723 1476 2453600 1 7/2/2018 4:27 6:58 151 Network Equipment Failure Cable 1 151 1453 2453692 1 7/2/2018 6:13 12:14 361 Network Equipment Failure Cable 1 361 1453 2453593 1 7/2/2018 6:39 7:25 46 Dist Primary - OH Equipment Failure Cable 1 361 1453 2453693 1 7/2/2018 8:04 12:03 238 Network Equipment Failure Cable 1 238 1415 2453692 1 7/2/2018 8:48 10:05 76 Dist Primary - OH Foreign Contact Unselec											· · · · · · · · · · · · · · · · · · ·	
2453551 1 7/2/2018 1:33 2:45 72 Dist Primary - OH Unknown Unselected 24 1,723 1476 2453600 1 7/2/2018 4:27 6:58 151 Network Equipment Failure Cable 1 151 1453 2453692 1 7/2/2018 6:13 12:14 361 Network Equipment Failure Cable 1 361 1453 2453593 1 7/2/2018 6:39 7:25 46 Dist Primary - OH Equipment Failure Fuse 73 3,358 1413 2453606 1 7/2/2018 8:44 12:03 238 Network Equipment Failure Cable 1 238 1413 2453629 1 7/2/2018 8:48 10:05 76 Dist Primary - OH Foreign Contact Unselected 16 1,220 1517 2453689 1 7/2/2018 9:08 12:10 182 Network Equipment Failure <												
2453600 1 7/2/2018 4:27 6:58 151 Network Equipment Failure Cable 1 151 1453 2453692 1 7/2/2018 6:13 12:14 361 Network Equipment Failure Cable 1 361 1453 2453593 1 7/2/2018 6:39 7:25 46 Dist Primary - OH Equipment Failure Fuse 73 3,358 1413 2453606 1 7/2/2018 8:04 12:03 238 Network Equipment Failure Cable 1 238 1415 2453629 1 7/2/2018 8:48 10:05 76 Dist Primary - OH Foreign Contact Unselected 16 1,220 1517 2453629 1 7/2/2018 9:08 12:10 182 Network Equipment Failure Cable 1 182 1453 2453690 1 7/2/2018 10:07 12:14 126 Network Equipment Failure Ca												
2453692 1 7/2/2018 6:13 12:14 361 Network Equipment Failure Cable 1 361 1453 2453593 1 7/2/2018 6:39 7:25 46 Dist Primary - OH Equipment Failure Fuse 73 3,358 1413 2453606 1 7/2/2018 8:04 12:03 238 Network Equipment Failure Cable 1 238 1415 2453629 1 7/2/2018 8:04 10:05 76 Dist Primary - OH Foreign Contact Unselected 16 1,220 1517 2453689 1 7/2/2018 9:08 12:10 182 Network Equipment Failure Cable 1 182 1453 2453690 1 7/2/2018 10:07 12:14 126 Network Equipment Failure Cable 1 126 1453 2453789 1 7/2/2018 12:43 14:30 106 Dist Secondary - OH Equipment Failure												
2453593 1 7/2/2018 6:39 7:25 46 Dist Primary - OH Equipment Failure Fuse 73 3,358 1413 2453606 1 7/2/2018 8:04 12:03 238 Network Equipment Failure Cable 1 238 1415 2453629 1 7/2/2018 8:48 10:05 76 Dist Primary - OH Foreign Contact Unselected 16 1,220 1517 2453689 1 7/2/2018 9:08 12:10 182 Network Equipment Failure Cable 1 182 1453 2453690 1 7/2/2018 10:07 12:14 126 Network Equipment Failure Cable 1 126 1453 2453789 1 7/2/2018 12:43 14:30 106 Dist Secondary - OH Equipment Failure Connection(i.e. Loose) 12 1,274 1414 2453789 1 7/2/2018 15:24 16:58 94 Dist Primary - OH												14535
2453606 1 7/2/2018 8:04 12:03 238 Network Equipment Failure Cable 1 238 1415 2453629 1 7/2/2018 8:48 10:05 76 Dist Primary - OH Foreign Contact Unselected 16 1,220 1517 2453689 1 7/2/2018 9:08 12:10 182 Network Equipment Failure Cable 1 182 1453 2453690 1 7/2/2018 10:07 12:14 126 Network Equipment Failure Cable 1 126 1453 2453789 1 7/2/2018 12:43 14:30 106 Dist Secondary - OH Equipment Failure Connection(i.e. Loose) 12 1,274 1414 2453861 1 7/2/2018 15:24 16:58 94 Dist Primary - OH Tee Outside ROW - Limb Unselected 66 6,199 12/245391 2453912 1 7/2/2018 17:00 19:20 140 Dist Prim												14132
2453689 1 7/2/2018 9:08 12:10 182 Network Equipment Failure Cable 1 182 1453 2453690 1 7/2/2018 10:07 12:14 126 Network Equipment Failure Cable 1 126 1453 2453789 1 7/2/2018 12:43 14:30 106 Dist Secondary - OH Equipment Failure Connection(i.e. Loose) 12 1,274 1414 2453861 1 7/2/2018 15:24 16:58 94 Dist Primary - OH Tree Outside ROW - Limb Unselected 66 6,199 12 2453912 1 7/2/2018 17:20 140 Dist Primary - OH Equipment Failure Fuse 1 140 1517 2453928 1 7/2/2018 17:27 18:58 91 Dist Primary - OH Equipment Failure Fuse 66 6,006 12 2453960 1 7/2/2018 17:51 20:06 134 Dist Secondary - UG	2453606	1		8:04	12:03	238		Equipment Failure	Cable		238	14151
2453690 1 7/2/2018 10:07 12:14 126 Network Equipment Failure Cable 1 126 1453 2453789 1 7/2/2018 12:43 14:30 106 Dist Secondary - OH Equipment Failure Connection(i.e. Loose) 12 1,274 1414 2453861 1 7/2/2018 15:24 16:58 94 Dist Primary - OH Tree Outside ROW - Limb Unselected 66 6,199 12 2453912 1 7/2/2018 17:00 19:20 140 Dist Primary - OH Equipment Failure Fuse 1 140 1517- 2453928 1 7/2/2018 17:27 18:58 91 Dist Primary - OH Equipment Failure Fuse 66 6,006 12: 2453960 1 7/2/2018 17:51 20:06 134 Dist Secondary - UG Vandalism Unselected 1 1 34 1400		1					,	•		16		15172
2453789 1 7/2/2018 12:43 14:30 106 Dist Secondary - OH Equipment Failure Connection(i.e. Loose) 12 1,274 14:44 2453861 1 7/2/2018 15:24 16:58 94 Dist Primary - OH Tree Outside ROW - Limb Unselected 66 6,199 12: 2453912 1 7/2/2018 17:00 19:20 140 Dist Primary - OH Equipment Failure Fuse 1 140 1517 2453928 1 7/2/2018 17:27 18:58 91 Dist Primary - OH Equipment Failure Fuse 66 6,006 12: 2453960 1 7/2/2018 17:51 20:06 134 Dist Secondary - UG Vandalism Unselected 1 134 1400												14535
2453861 1 7/2/2018 15:24 16:58 94 Dist Primary - OH Tree Outside ROW - Limb Unselected 66 6,199 12:0 12:0 12:0 12:0 14:0 Dist Primary - OH Equipment Failure Fuse 1 14:0 15:17-2 15:17-2 14:0 15:17-2												14535
2453912 1 7/2/2018 17:0 19:20 140 Dist Primary - OH Equipment Failure Fuse 1 140 1517-2453928 1 7/2/2018 17:27 18:58 91 Dist Primary - OH Equipment Failure Fuse 66 6,006 12:0 12:0 12:0 14:0<							•		, ,			
2453928 1 7/2/2018 17:27 18:58 91 Dist Primary - OH Equipment Failure Fuse 66 6,006 12:00 2453960 1 7/2/2018 17:51 20:06 134 Dist Secondary - UG Vandalism Unselected 1 134 1400												
2453960 1 7/2/2018 17:51 20:06 134 Dist Secondary - UG Vandalism Unselected 1 134 1400												15174
												14004
	2454080		7/2/2018	20:05	21:37				Fuse			15295

Service Outage SO2018-09-E
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Event ID	Nested ?	Date of Outage	Begin Time	End Time	Outage Duration	Construction	Outage Cause	Equipment Type	Customers Affected	Customer Minutes	Feeder
2454082	1	7/2/2018	20:10	23:37	206	Dist Secondary - UG	Equipment Failure	Meter	1	206	15702
2454084	1	7/2/2018	20:16	23:43	207	Dist Primary - OH	Load	Unselected	66	13,638	128
2454437	1	7/3/2018	8:13	14:38	384	Dist Primary - OH	Equipment Failure	Cable	39	14,978	15207W
2454439	1	7/3/2018	8:13	14:38	384	Dist Primary - OH	Equipment Failure	Cable	45	17,282	15207W
2454438	1	7/3/2018	8:13	14:38	384	Dist Primary - UG	Equipment Failure	Cable	39	14,978	15207W
2454232	1	7/3/2018	8:13	12:24	250	Dist Primary - UG	Equipment Failure	Cable	328	82,016	15204W
2454232	0	7/3/2018	8:13	12:24	250	Dist Primary - UG	Equipment Failure	Cable	79	19,754	15207W
2454368	1	7/3/2018	11:51	15:06	194	Dist Primary - OH	Foreign Contact	Unselected	14	2,717	15709
2454386 2454387	1	7/3/2018 7/3/2018	12:17 12:21	12:29 12:29	12 8	Dist Primary - OH Dist Primary - OH	Equipment Failure	Connection(i.e. Loose) Wire - Bare	270 124	3,240 992	414 117
2454512	1	7/3/2018	16:15	17:41	86	Dist Secondary - OH	Equipment Failure Load	Unselected	124	1,031	101
2454610	1	7/3/2018	17:19	18:01	42	Dist Primary - OH	Equipment Failure	Crossarm	32	1,344	413
2454610	0	7/3/2018	17:19	18:40	81	Dist Primary - OH	Equipment Failure	Crossarm	14	1,134	413
2454610	0	7/3/2018	17:19	18:41	82	Dist Primary - OH	Equipment Failure	Crossarm	22	1,804	413
2454610	0	7/3/2018	17:19	0:50	451	Dist Primary - OH	Equipment Failure	Crossarm	5	2,255	413
2454704	1	7/3/2018	18:21	1:09	408	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	22	8,976	15944
2454782	1	7/3/2018	20:02	21:45	103	Dist Secondary - OH	Equipment Failure	Fuse	2	206	144
2454788	1	7/3/2018	20:21	2:30	369	Dist Primary - UG	Equipment Failure	Cable	52	19,188	56
2454859	1	7/3/2018	22:34	0:42	127	Dist Secondary - UG	Equipment Failure	Meter	1	127	14711
2454865	1	7/3/2018	22:41	1:50	188	Dist Primary - OH	Unknown	Unselected	7	1,317	132
2454943	1	7/4/2018	3:19	3:48	29	Dist Primary - OH	Equipment Failure	Splice	1,285	37,501	14261
2454943 2454968	0	7/4/2018	3:19	4:04	45 42	Dist Primary - OH Dist Primary - OH	Equipment Failure	Splice	33	1,489	14261
2454983	1	7/4/2018 7/4/2018	7:32 9:09	8:14 10:00	51	Dist Primary - OH	Foreign Contact Tree Outside ROW - Down	Unselected Unselected	1	42 51	413 14133
2455035	1	7/4/2018	13:53	18:57	304	Dist Primary - UG	Equipment Failure	Fuse	1	304	15462
2455035	0	7/4/2018	13:53	19:32	339	Dist Primary - UG	Equipment Failure	Fuse	1	339	15462
2455039	1	7/4/2018	14:36	16:20	104	Dist Primary - OH	Load	Unselected	30	3,117	366
2455155	1	7/4/2018	17:28	22:36	308	Dist Primary - UG	Equipment Failure	Elbow Insert	332	102,256	15875
2455100	1	7/4/2018	18:08	18:15	7	Dist Primary - OH	Equipment Failure	Transformer	11	76	15001
2455132	1	7/4/2018	22:16	5:01	405	Dist Primary - OH	Equipment Failure	PAC / Spacer Cable	14	5,670	14809
2455349	1	7/5/2018	12:31	14:03	92	Dist Primary - UG	Employee	Unselected	12	1,104	56
2455380	1	7/5/2018	13:26	15:14	108	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	108	14017
2455447	1	7/5/2018	16:09	17:45	96	Dist Secondary - UG	Load	Unselected	42	4,031	16002
2455499	1	7/5/2018	18:49	22:19	210	Network	Equipment Failure	Cable	1	210	15401
2455509	1	7/5/2018	19:32	20:05 8:07	33	Dist Primary - OH	Equipment Failure	Fuse	6	198 103	132
2455578 2455792	1	7/6/2018 7/6/2018	6:24 16:13	17:51	103 97	Dist Secondary - OH Dist Primary - OH	Tree Outside ROW - Limb Animal/Squirrel	Unselected Unselected	1	97	82 14093
2455913	1	7/7/2018	7:43	11:11	207	Dist Secondary - UG	Equipment Failure	Fuse	1	207	15764
2456255	1	7/8/2018	6:15	8:12	117	Dist Primary - OH	Unknown	Unselected	123	14,330	15175
2456317	1	7/8/2018	14:18	16:18	120	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	120	14900
2456321	1	7/8/2018	16:05	17:01	55	Dist Secondary - OH	Vandalism	Unselected	1	55	15171
2456341	1	7/8/2018	19:22	22:48	206	Dist Secondary - UG	Equipment Failure	Meter	1	206	15015
2456463	1	7/9/2018	10:15	15:15	300	Dist Secondary - OH	Voltage - F/L or H/L	Unselected	1	300	15177
2456544	1	7/9/2018	12:19	12:42	23	Dist Secondary - OH	Vandalism	Unselected	1	23	14811
2456627	1	7/9/2018	15:26	18:57	210	Dist Primary - OH	Equipment Failure	Transformer	8	1,682	476
2456770	1	7/9/2018	19:27	20:11	43	Dist Secondary - OH	Foreign Contact	Unselected	1	43	387
2456773	1	7/9/2018	19:45	21:39	113	Dist Primary - OH	Equipment Failure	Transformer	45	5,101	164
2456843 2456875	1	7/10/2018	6:10 7:39	7:12	62	Dist Primary - OH	Animal/Squirrel	Unselected	1,873	116,126	15018 15764
	1	7/10/2018 7/10/2018	7:39	13:15 8:22	336 40	Dist Primary - UG Dist Primary - OH	Equipment Failure	Fransformer - Subsurfac	1 10	336 403	15018
2456877 2456875	0	7/10/2018	10:04	10:45	41	Dist Primary - UG	Unknown Equipment Failure	Unselected Fransformer - Subsurfac	249	10,209	15764
2457074	1	7/10/2018	13:39	16:40	181	Dist Secondary - UG	Equipment Failure	Meter	1	181	229
2457077	1	7/10/2018	13:45	14:03		Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	91	1,638	15094
2457112	1	7/10/2018	14:28	14:43	15	Dist Primary - OH	Employee	Unselected	418	6,270	15707
2457113	1	7/10/2018	14:28	14:43	14	Dist Primary - OH	Employee	Unselected	26	371	15707
2457114	1	7/10/2018	14:32	14:43	11	Dist Primary - OH	Employee	Unselected	26	282	15707
2457192	1	7/10/2018	16:37	18:58	141	Dist Secondary - OH	Equipment Failure	Transformer	24	3,380	15011
2457201	1	7/10/2018	17:02	1:14	491	Dist Secondary - UG	Equipment Failure	Cable	1	491	15996
2457558	1	7/10/2018	19:41	20:00	19	Network	Equipment Failure	Switch	1	19	16329
2457421	1	7/11/2018	10:08	12:54	165	Dist Secondary - OH	Vandalism	Unselected	1	165	15707
2457560	1	7/11/2018 7/11/2018	13:05 17:45	14:17 21:38	71 233	Dist Primary - OH Dist Secondary - OH	Animal/Squirrel	Unselected Unselected	34 5	2,422 1,164	15945 14987
2457664 2464100	1	7/11/2018	17:45 18:43	21:38	93	Dist Secondary - OH Dist Secondary - UG	Tree Outside ROW - Limb Equipment Failure	Cable	5	1,164	14987
2457742	1	7/11/2018	1:36	3:40	124	Dist Secondary - UG Dist Primary - OH	Equipment Failure Equipment Failure	Switch	1	124	14722
2457754	1	7/12/2018	6:40	8:41	124	Dist Primary - OH Dist Secondary - OH	Equipment Failure Equipment Failure	Connection(i.e. Loose)	1	124	15945
2457831	1	7/12/2018	10:16	10:25	9	Dist Primary - OH	Unknown	Unselected	1,272	11,448	15174
2457968	1	7/12/2018	16:10	17:45		Dist Secondary - UG	Equipment Failure	Meter	1,272	94	14004
2458000	1	7/12/2018	18:05	20:32	147	Dist Primary - UG	Equipment Failure	Fuse	17	2,495	14731
2458003	1	7/12/2018	18:07	21:40	213	Dist Secondary - UG	Equipment Failure	Cable	1	213	14057
2458016	1	7/12/2018	18:43	22:49	245	Dist Secondary - UG	Equipment Failure	Cable	1	245	53
2458027	1	7/12/2018	19:17	22:49	212	Dist Secondary - UG	Equipment Failure	Cable	1	212	15336

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2455000 77520718 992 224 297 Del Secondary LG Experiment Fallum Colde 1 271 155507 1525	Event ID	Nested ?	Date of Outage	Begin Time	End Time	Outage Duration	Construction	Outage Cause	Equipment Type	Customers Affected	Customer Minutes	Feeder
2,985007 1,7152018 5:00	2458028	1	7/12/2018	19:21	22:49	207	Dist Secondary - UG	Equipment Failure	Cable	1	207	14057
2480111 71120118 500 751 171 Det Princy LRD Experient Falue Cable 7 1,000 1476 14	2458035	1	7/12/2018	19:37	19:58	21	Dist Secondary - UG	Equipment Failure	Cable	1		15204R
2459114 77130018 5:50 8:20 155 105 105 Prayary - (RPD 2450145 77130018 24570 1 17130018 24570 1 17130018 24570 1 17130018 24570 1 17130018 24570 1 17130018 24570 1 17130018												
2454156 1, 77132079 923 1155 150 Del Primary - OH Expenser Fauth Expenser Content 1 150 14206 14275 14256 14256 14275 14256											· · · · · · · · · · · · · · · · · · ·	
2458186 1, 77120219 955 142" 266 Dat Primary - OH Equipment Failure Commont of Loose 1 234 1478 1											· · · · · · · · · · · · · · · · · · ·	
2456907 77720078 1924 L418 234 Dat Prenty, OH Engiptemen Falture Correction(s. Losse) 1 234 L478												
245807 7/15/0718 1115 1305 100 254 Secondary - LIM Feligement Fallum Melen 1 107 1570									. ,			
285827 1 77/320718 15.23 16.02 168 Did Senoulary OH Equipment Patus 17/320718 17/320								- ' '	, ,			
2655087 7/15/2018 77.23 21.25 24.0								- ' '				
2498094 1 77142019 2112 228 72 Det Secondary - OB Equipment Failure Connectional Loose) 29 2.099 1500 2498744 1 77152013 1139 1040 310 Des Primary - LRD Equipment Failure Transformer 5 1.840 1471 2498746 1 77152013 1139 1707 308 Des Primary - LRD Equipment Failure Transformer 5 1.840 1471 2498746 1 77152013 1139 1707 308 Des Primary - LRD Equipment Failure Transformer 5 1.840 1471 2498746 1 77152013 1139 1707 308 Des Primary - LRD Equipment Failure Cable 19 2.245 11462 2498790 1 77162018 115 30 170 170 170 170 170 170 170 170 170 17	2458338	1	7/13/2018	17:23	21:23	240	Dist Secondary - OH	-	Connection(i.e. Loose)			15173
245876 1 77150718 1139 1707 329 IDEN Primary - URD Equipment Failure Transformer 122 37,850 14711 2458700 1 77150718 1139 1707 329 IDEN Primary - URD Equipment Failure Cable 10 2,431 14987 245800 1 77150718 1024 1732 128 Dist Primary - URD Equipment Failure Cable 48 8,801 4473 245800 1 77150718 115 352 117 DIST Primary - URD Equipment Failure Cable 48 8,801 4473 245807 1 77160718 2 926 1048 81 Dist Primary - URD Equipment Failure Cable 48 8,801 4473 245807 1 77160718 2 926 1048 81 Dist Primary - URD Equipment Failure Cable 68 8,801 4473 245807 1 77160718 9 26 1048 81 Dist Primary - URD Equipment Failure Cable 58 8,106 1473 245807 1 77160718 9 26 1048 79 Dist Primary - OH Equipment Failure Correction(» & Loseo) 1 81 1573 245807 1 77160718 7 100 7 140 40 Dist Primary - OH Equipment Failure Correction(» & Loseo) 1 79 1570 2459170 1 77160718 2 100 2 140 40 Dist Primary - OH Vandalism Universical 1 7 17060718 2 100 2 140 100	2458379	1	7/13/2018	21:49	23:39	109	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	21	2,296	15009
2458709 1	2458556	1	7/14/2018	21:12	22:25	72	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	29	2,099	15006
24,9570 1												
285822 1 7/160218 115 4.56 211 DIM Primary - UG Equipment Failure Cable 6 1,152 14733 2459700 1 7/160218 115 4.27 192 DIM Primary - UG Equipment Failure Cable 6 1,152 14733 2459700 1 7/160218 9.20 1046 181 DIM Primary - UG Equipment Failure Cable 6 1,152 14733 2459700 1 7/160218 9.20 1046 181 DIM Primary - UG Equipment Failure Cable 6 1,152 14733 2459700 1 7/160218 9.20 1046 191 DIM Primary - UH Equipment Failure Cable 1 9.00 1 7.7 15705 2468876 1 7/160218 9.20 1045 9.7 1048							,					
2,58592 1 7/192018 118 427 192 Disk Primary - UG Equipment Failure Cable 68 1,152 1473 2458767 1 7/192018 226 10:46 81 Disk Primary - OH Equipment Failure Cable 58 9 0,106 1473 2458576 1 7/192018 226 10:46 81 Disk Primary - OH Equipment Failure Cable 1 71 7/192018 226 10:46 81 Disk Primary - OH Equipment Failure Cambellonine Loose) 1 71 1570 258676 1 7/192018 226 10:46 81 Disk Primary - OH Required Failure Cambellonine Loose) 1 71 1570 258676 1 7/192018 230 12:42 71 Disk Primary - OH Required Failure Cambellonine Cambell							,				· · · · · · · · · · · · · · · · · · ·	
285878 1 7/192018 115 3.32 157 Disk Pirmary - US Equipment Failure Connection (c. Losso) 1 81 1570 2458676 1 7/192018 2-26 10-46 81 Disk Pirmary - OH Equipment Failure Connection (c. Losso) 1 81 1570 1570 2458676 1 7/192018 2-26 10-46 40 Disk Pirmary - OH Equipment Failure Connection (c. Losso) 1 87 1570 1570 2458676 1 7/192018 2-26 10-46 40 Disk Pirmary - OH Connection (c. Losso) 1 97 1570 2458676 1 7/192018 2-20 2-10 2-24 70 Disk Secondary - OH Connection (c. Losso) 1 10 2-24 2-24 70 Disk Secondary - OH Connection (c. Losso) 1 10 2-24 2-2								- ' '				
2488876 1 7/102018 9.26 10.46 81 Dist Primary - OH Equipment Failure Connection(i.e. Loose) 1 78 15705 248904 1 7/102018 17.06 17.46 40 Dist Primary - OH Weather / Lighting Fuse 10 397 15705 2499103 1 7/102018 27.00 27.46 40 Dist Primary - OH Weather / Lighting Fuse 10 397 15705 2499103 1 7/102018 20.00 27.46 40 Dist Primary - OH Weather / Lighting Fuse 10 397 15705 2499103 1 7/102018 20.01 27.46 40 Dist Primary - OH Vandalism Unselected 1 106 380 2499111 1 7/102018 27.13 27.12 27.13 27.12 27.13 27.12 27.13 27.12 27.13 27.12 27.13												
2459091 1 7/192018 926 1048 79 Dist Primary - OH Equipment Failure (Connectioni, a. Loose) 1 79 15/705 2459010 1 7/192018 2000 2140 100 Dist Primary - OH Weather Lightning (Connection) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							,					
2459610 1 7/16/2018 0.700 17/46 40 0.164 Primary - OH Variablem Unselected 1 108 397 259590 1 7/16/2018 20:31 21:42 71 Dief Secondary - OH Variablem Unselected 1 71 108 2459118 1 7/16/2018 20:31 21:42 94 Dief Primary - OH Englysnem Fallure Cubut 5 4.70 14:133 24:59226 1 7/17/2018 7:13 0.16 12:2 Dief Primary - OH Englysnem Fallure Cubut 5 4.70 14:133 24:59226 1 7/17/2018 3:31 8:40 77 0.16 56:200439 - OH Time ROW - Limb Unselected 1 1:22 16:001 12:2 Dief Primary - OH Time ROW - Limb Unselected 1 1:23 16:001 12:2 Dief Primary - OH Time ROW - Limb Unselected 1 1:23 16:001 12:2 Dief Primary - OH Time ROW - Down Unselected 1 1:23 16:001									. ,			
2499119 1 7/192018 2003 2146 106 Dat Secondary - UB Vandatism Unselected 1 106 380 2499118 1 7/192018 2219 2244 71 Dat Secondary - UB Engineering Failure Cutout 5 470 14/133 2499228 1 7/192018 331 140 122 160 Dat Firmary - OH Aminability Unselected 1 77 15/19018 2499228 1 7/172018 831 940 70 Dat Firmary - OH Aminability Unselected 1 70 05 249927 1 7/172018 831 1220 160 Dat Firmary - OH Tree ROW - Unselected 1 70 208 14/133 2495278 1 7/172018 831 1220 160 Dat Firmary - OH Tree ROW - Unselected 1 2 2018 14/13 2495278 1 7/172018 831 1220 14/13 14/14 14/							,		, ,			
2459126 1 77172018 631 9.16 123 Dist Primary - OH Equipment Failure Cutout 5 5 470 14133 2459226 1 77172018 631 9.40 70 Dist Secondary - OH Ammillieri Unselected 1 1 70 656 2459476 1 77172018 631 9.40 270 Dist Secondary - OH Tee ROW - Limb Unselected 1 1 70 656 2459476 1 77172018 9.31 12.20 1488 Dist Primary - OH Tee Collade ROW - Down Unselected 1 2 2.018 14133 2459297 1 77172018 9.31 12.20 1488 Dist Primary - OH Tee Collade ROW - Down Unselected 1 2 2.018 14133 2459297 1 77172018 9.31 12.20 1488 Dist Primary - OH Tee Collade ROW - Down Unselected 1 2 2.018 14133 2459408 1 77172018 12.44 14.17 92 Dist Secondary - URD Unknown Unselected 1 1 145 16900 12459618 1 771772018 12.44 14.17 92 Dist Secondary - URD Unknown Unselected 1 1 92 15705 1245911 1 77172018 12.53 12.50 142 142 14.17 92 Dist Secondary - OH Weather / Lightning Unselected 1 1 92 15705 1245911 1 77172018 15.33 19.40 247 Dist Primary - OH Weather / Lightning Unselected 3 93 10.634 15705 12459515 1 77172018 15.33 20.55 322 Dist Primary - OH Weather / Lightning Unselected 3 93 10.634 15705 12459519 1 771772018 15.33 20.55 322 Dist Primary - OH Weather / Lightning Unselected 3 93 10.634 15705 12459519 1 771772018 15.33 20.55 320 Dist Primary - OH Weather / Lightning Unselected 1 3 30 15904 12459519 1 771772018 15.34 22.53 383 Dist Primary - OH Weather / Lightning Unselected 1 1 420 14787 1245959 1 771772018 15.40 22.01 343 Dist Primary - OH Weather / Lightning Unselected 1 1 420 14787 1245959 1 771772018 15.40 22.01 410 Dist Primary - OH Weather / Lightning Unselected 1 1 420 14787 1245959 1 771772018 15.40 22.01 410 Dist Primary - OH Weather / Lightning Unselected 1 1 420 14787 1245959 1 771772018 15.40 22.01 410 Dist Primary - OH Weather / Lightning Unselected 1 1 420 14787 1245954 1 771772018 15.44 12.25 1479 1249 1249 Dist Primary - OH Weather / Lightning Unselected 1 1 241 14711 12459547 1 771772018 15.44 15.44 12.55 1470 Dist Primary - OH Weather / Lightning Unselected 1 1 241 14711 12459547 1 771772018 15.44 15.45 12.01 Dist Primary - OH Weather	2459103	1	7/16/2018		21:46	106	Dist Secondary - OH		Unselected			
2459262 1 7/17/2018 9.31 9.16 123 Dist Pirmary - OH Ten Outside ROW - Lown Unselected 1 170 170 171	2459111	1	7/16/2018	20:31	21:42	71	Dist Secondary - UG	Employee	Unselected	1	71	15199
2459426 1	2459118	1	7/16/2018	21:10	22:44	94	Dist Primary - OH	Equipment Failure	Cutout	5	470	14133
2459476 1										·		
2459329 1							•					
2459362												
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2460459 1 7/19/2018 7:27 8:34 67 Dist Primary - OH Animal/Bird Unselected 27 1,796 15172 2460518 1 7/19/2018 10:43 11:14 31 Dist Secondary - UG Equipment Failure Meter 1 31 16000 2460524 1 7/19/2018 10:51 12:30 99 Dist Primary - OH Equipment Failure Fransformer - Subsurface 1 99 14009 2460642 1 7/19/2018 14:38 15:36 58 Dist Secondary - OH Vandalism Unselected 1 58 15709 2460645 1 7/19/2018 14:41 15:33 52 Dist Secondary - OH Vandalism Unselected 1 58 15709 2460689 1 7/19/2018 17:31 19:59 147 Dist Secondary - UG Equipment Failure Cable 9 1,326 14531 2460689 1 7/19/2018 17:35 20:30 175												
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2460524 1 7/19/2018 10:51 12:30 99 Dist Primary - OH Equipment Failure Fransformer - Subsurface 1 99 14009 2460642 1 7/19/2018 14:38 15:36 58 Dist Secondary - OH Vandalism Unselected 1 58 15709 2460645 1 7/19/2018 14:41 15:33 52 Dist Secondary - OH Vandalism Unselected 1 52 479 2460688 1 7/19/2018 17:31 19:59 147 Dist Secondary - UG Equipment Failure Cable 9 1,326 14531 2460689 1 7/19/2018 17:35 20:30 175 Dist Primary - UG Equipment Failure Fuse 1 175 15004							,					
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2460688 1 7/19/2018 17:31 19:59 147 Dist Secondary - UG Equipment Failure Cable 9 1,326 14531 2460689 1 7/19/2018 17:35 20:30 175 Dist Primary - UG Equipment Failure Fuse 1 175 15004												
2460689 1 7/19/2018 17:35 20:30 175 Dist Primary - UG Equipment Failure Fuse 1 175 15004												
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Event ID	Nested ?	Date of Outage	Begin Time	End Time	Outage Duration	Construction	Outage Cause	Equipment Type	Customers Affected	Customer Minutes	Feeder
2460729	1	7/19/2018	19:55	21:00	65	Dist Secondary - UG	Equipment Failure	Transformer	1	65	14151
2460962	1	7/20/2018	16:09	22:08	359	Dist Secondary - OH	Tree Row - Down	Unselected	1	359	14005
2460965	1	7/20/2018	16:18	19:00	161	Dist Secondary - UG	Equipment Failure	Meter	1	161	15467
2466245	1	7/21/2018	23:21	0:01	40	Dist Secondary - UG	Equipment Failure	Service	1	40	15997
2461602	1	7/22/2018	0:25	3:32	187	Dist Primary - UG	Equipment Failure	Cable	178	33,286	14787
2461947 2461950	1	7/22/2018 7/22/2018	23:49 23:51	2:09	140 173	Dist Primary - OH Dist Primary - OH	Weather / Lightning	Unselected Unselected	38 12	5,311 2,076	15003 15707
2462060	1	7/23/2018	0:49	1:23	34	Dist Primary - OH	Weather / Lightning Weather / Lightning	Unselected	1,104	37,536	15176
2462060	0	7/23/2018	0:49	2:44	105	Dist Primary - OH	Weather / Lightning	Unselected	733	76,965	15170
2461987	1	7/23/2018	0:59	3:30	151	Dist Primary - OH	Unknown	Unselected	9	1,358	345
2461989	1	7/23/2018	1:02	3:26	144	Dist Secondary - UG	Equipment Failure	Cable	49	7,051	15761
2462051	1	7/23/2018	3:39	5:00	80	Dist Primary - OH	Equipment Failure	Fuse	1	80	120
2462076	1	7/23/2018	4:05	4:45	40	Dist Primary - OH	Equipment Failure	Wire - Covered	361	14,440	15176
2462115	1	7/23/2018	7:16	11:04	228	Dist Primary - OH	Equipment Failure	Fuse	1	228	14145
2462123	1	7/23/2018	7:28	9:34	126	Dist Primary - OH	Tree Outside ROW - Down	Wire - Bare	236	29,736	380
2462133	1	7/23/2018	7:47	9:51	124	Dist Primary - OH	Tree Outside ROW - Down	Unselected	20	2,480	15709
2462185	1	7/23/2018	8:52	18:13	561	Dist Secondary - OH	Tree Outside ROW - Down	Unselected	1	561	15172
2462338 2462443	1	7/23/2018 7/23/2018	11:46 13:14	14:12 16:35	146 200	Dist Primary - OH Dist Secondary - UG	Motor Vehicle Equipment Failure	Unselected Cable	236	34,456 200	380 15991
2462466	1	7/23/2018	13:14	21:53	481	Dist Secondary - UG	Equipment Failure	Cable	1	481	15206
2462484	1	7/23/2018	14:15	14:38	23	Dist Primary - OH	Unknown	Unselected	751	17,260	372
2462544	1	7/23/2018	15:03	18:42	219	Dist Primary - OH	Equipment Failure	Transformer	1	219	380
2462639	1	7/23/2018	17:39	20:32	172	Dist Secondary - OH	Vandalism	Unselected	1	172	15177
2462642	1	7/23/2018	17:43	21:10	206	Dist Primary - OH	Tree ROW - Limb	Unselected	20	4,121	14753
2462666	1	7/23/2018	18:46	1:26	399	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	399	15013
2462673	1	7/23/2018	19:03	20:56	112	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	29	3,254	15003
2462753	1	7/24/2018	0:21	1:15		Dist Secondary - URD	Vandalism	Unselected	1	53	165
2466662	1	7/24/2018	2:02	7:03	301	Dist Secondary - UG	Equipment Failure	Cable	1	301	15986
2462770	1	7/24/2018	2:42	3:28	46	Dist Secondary - URD	Vandalism	Unselected	1	46	118
2462854 2463129	1	7/24/2018 7/24/2018	7:40 13:29	9:19 15:15	98 105	Dist Primary - OH Dist Secondary - UG	Foreign Contact Equipment Failure	Unselected Meter	6	590 105	14132 15461
2463206	1	7/24/2018	16:31	17:56	84	Dist Secondary - OH	Equipment Failure	Service	1	84	14006
2463248	1	7/24/2018	20:20	21:00	41	Dist Secondary - UG	Equipment Failure	Connection(i.e. Loose)	1	41	15461
2463279	1	7/24/2018	23:37	0:45		Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	490	33,320	15177
2463279	0	7/24/2018	23:37	0:45		Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	341	23,188	15176
2463483	1	7/25/2018	10:56	12:10	74	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	74	14014
2463509	1	7/25/2018	12:03	23:30	687	Network	Load	Cable	1	687	14562
2463569	1	7/25/2018	13:51	15:31	100	Dist Secondary - OH	Equipment Failure	Meter	1	100	15012
2463644	1	7/25/2018	16:39	17:12	32	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	9		87
2463648 2463717	1	7/25/2018 7/25/2018	16:47 18:43	21:50 1:48	303 424	Dist Primary - UG Dist Secondary - UG	Equipment Failure	Transformer	1	303 424	14711 15461
2463717	1	7/25/2018	19:43	20:20	37	Substation	Unknown Equipment Failure	Unselected Cable	270	9,990	414
2463739	0	7/25/2018	19:43	20:20	37	Substation	Equipment Failure	Cable	143	5,291	117
2463746	1	7/25/2018	19:53	21:48	115	Dist Primary - UG	Equipment Failure	Fuse	15	1,725	228
2463783	1	7/25/2018	21:28	1:04	215	Dist Secondary - UG	Equipment Failure	Cable	1	215	14054
2464212	1	7/26/2018	13:54	20:53	418	Dist Primary - UG	Equipment Failure	Transformer	1	418	14002
2464242	1	7/26/2018	14:46	16:36	109	Dist Secondary - OH	Motor Vehicle	Unselected	1	109	14008
2464360	1	7/26/2018	20:05	21:11	66	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	16	1,048	15003
2464363	1	7/26/2018	20:30	21:50	80	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	80	15003
2464440	1	7/27/2018	7:45	12:48	303	Network	Equipment Failure	Fuse	1	303	15446
2464452 2464630	1	7/27/2018 7/27/2018	8:25 14:01	9:11 16:45	46 164	Dist Secondary - OH Dist Primary - OH	Equipment Failure Equipment Failure	Meter Cutout	1	46 164	15085 15176
2464822	1	7/28/2018	6:42	7:55		Dist Primary - OH	Animal/Squirrel	Unselected	5		14900
2464924	1	7/28/2018	14:19	16:45		Dist Primary - URD	Equipment Failure	Transformer	15		15018
2464976	1	7/28/2018	14:19	17:05	166	Dist Primary - URD	Equipment Failure	Bushing	15		15018
2464976	0	7/28/2018	14:19	19:21	302	Dist Primary - URD	Equipment Failure	Bushing	6	1,812	15018
2465045	1	7/29/2018	9:00	9:28		Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	22		15707
2465075	1	7/29/2018	11:57	13:15		Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	77	15001
2465163	1	7/30/2018	1:25	10:33		Dist Primary - UG	Equipment Failure	Cable	167	91,516	208
2465162 2465146	1	7/30/2018 7/30/2018	1:25 1:25	2:34 2:14	69 49	Dist Primary - UG Dist Primary - UG	Unknown Equipment Failure	Unselected Cable	330 459	22,770	208 208
2465146	1	7/30/2018	5:54	10:33	278	Dist Primary - UG Dist Primary - UG	Equipment Failure Unknown	Unselected	459 292	22,491 81,205	208
2465206	1	7/30/2018	7:54	11:00	185	Dist Primary - OH	Animal/Squirrel	Unselected	292	4,258	15015
2465385	1	7/30/2018	12:07	15:02	175	Dist Secondary - OH	Employee	Unselected	1	175	15701
2465513	1	7/30/2018	15:26	17:32	126	Dist Primary - URD	Equipment Failure	Cable	4		15170
2465476	1	7/30/2018	15:26	17:05		Dist Primary - URD	Equipment Failure	Cable	5		15170
2465526	1	7/30/2018	18:17	19:36	79	Dist Primary - URD	Equipment Failure	Bushing	21	1,659	15018
2465562	1	7/30/2018	18:17	20:46		Dist Primary - URD	Equipment Failure	Bushing	9		15018
2465559	1	7/30/2018	18:17	19:51	94	Dist Primary - URD	Equipment Failure	Bushing	6		15018
2465560	1	7/30/2018	19:52	21:42	109	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	109	15198
2465982	1	7/31/2018	18:33	19:27	53	Dist Primary - OH	Animal/Bird	Unselected	18	956	15867

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2465996	1	7/31/2018	19:37	19:44	8	Dist Secondary - OH	Equipment Failure	Meter	1	8	16001
2466101	0	8/1/2018	8:48	11:06	138	Dist Primary - OH	Equipment Failure	Transformer	16	2,208	14752
2466102	1	8/1/2018	8:52	14:17	325	Dist Secondary - UG	Equipment Failure	Cable	28	9,097	15762
2466101	1	8/1/2018	10:38	11:06	28	Dist Primary - OH	Equipment Failure	Transformer	17	476	14752
2466240	1	8/1/2018	12:40	18:30	349	Dist Primary - OH	Motor Vehicle	Unselected	1	349	15176
2466265	1	8/1/2018	13:26	17:26	240	Dist Secondary - URD	Equipment Failure	Cable	1	240	15170
2466369	1	8/1/2018	17:36	19:39		Dist Primary - OH	Equipment Failure	Fuse	1	123	15010
2466443	1	8/1/2018	23:11	3:22	251	Dist Primary - OH	Weather / Lightning	Unselected	1	251	14135
2466451 2466486	1	8/1/2018 8/2/2018	23:34 1:00	0:59 5:43	85 283	Dist Primary - OH Dist Secondary - URD	Equipment Failure Equipment Failure	Transformer Service	31	2,631 283	15006 14900
2466566	1	8/2/2018	9:00	9:47	47	Dist Secondary - URD	Equipment Failure Equipment Failure	Meter	1	47	15708
2466621	1	8/2/2018	10:49	12:18	88	Network	Voltage - F/L or H/L	Unselected	1	88	15307
2466828	1	8/2/2018	19:12	21:00	108	Dist Primary - OH	Foreign Contact	Unselected	1	108	14135
2466867	1	8/2/2018	21:09	22:45		Dist Secondary - URD	Equipment Failure	Service	1	95	15174
2466869	1	8/2/2018	21:17	23:11	113	Dist Primary - UG	Unknown	Unselected	2	227	27
2466891	1	8/2/2018	23:24	23:39	14	Dist Primary - UG	Unknown	Unselected	2	28	27
2466944	1	8/3/2018	8:35	10:01	86	Dist Primary - UG	Equipment Failure	Fuse	1	86	228
2467014	1	8/3/2018	11:28	13:08	99	Dist Secondary - UG	Equipment Failure	Cable	1	99	14729
2467224	1	8/3/2018	18:12	1:39	447	Dist Primary - OH	Tree Outside ROW - Down	Unselected	12	5,360	14765
2467159	1	8/3/2018	18:12	0:24	372	Dist Primary - OH	Tree Outside ROW - Down	Unselected	36	13,381	14765
2467208	1	8/3/2018	22:15	11:20	785	Dist Primary - OH	Tree Outside ROW - Down	Transformer	10	7,850	144
2467326	1	8/4/2018	11:08	13:57	169	Dist Primary - OH	Equipment Failure	Cutout	1	169	14900
2467389	1	8/4/2018	19:45	21:26		Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	20	2,014	15949
2467432	1	8/5/2018	5:45	7:27	101	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	101	14014
2467550	1	8/5/2018	14:46 14:46	19:15 17:56		Dist Primary - URD	Equipment Failure	Cable	35	9,415 14,440	14150 14150
2467541 2467566	1	8/5/2018 8/5/2018	14:46	17:56	190 307	Dist Primary - URD	Equipment Failure	Cable Cable	76 93	28,551	14150
2467507	1	8/5/2018	14:46	17:36	170	Dist Primary - URD Dist Primary - URD	Equipment Failure Equipment Failure	Cable	25	4,250	14150
2467539	1	8/5/2018	17:35	5:50	735	Dist Primary - URD	Equipment Failure	Joint Failure	1	735	14054
2467555	1	8/5/2018	18:21	18:58	36	Dist Primary - OH	Unknown	Unselected	21	765	14093
2467616	1	8/6/2018	8:02	10:30	130	Dist Primary - OH	Animal/Bird	Unselected	14	1,820	15172
2467655	1	8/6/2018	9:25	15:29		Dist Primary - OH	Unknown	Fuse	1	364	14093
2467672	1	8/6/2018	9:51	11:50	119	Dist Primary - OH	Weather / Lightning	Unselected	1	119	15950
2467748	1	8/6/2018	11:37	14:36		Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	179	14017
2467961	1	8/6/2018	15:22	20:57	334	Dist Primary - UG	Equipment Failure	Transformer	1	334	228
2467903	1	8/6/2018	16:08	17:29	81	Dist Secondary - UG	Equipment Failure	Cable	19	1,530	14733
2467913	1	8/6/2018	16:38	19:46	188	Dist Secondary - URD	Equipment Failure	Meter	1	188	479
2467915	1	8/6/2018	16:38	18:34	115	Dist Secondary - UG	Equipment Failure	Cable	1	115	14713
2467978	1	8/6/2018	18:47	21:18	151	Dist Primary - UG	Equipment Failure	Cable	3	453	14133
2468024	1	8/6/2018	21:06	23:07	121	Dist Secondary - UG	Equipment Failure	Meter	1	121	14151
2468044	1	8/6/2018	21:51	1:23	211	Dist Secondary - OH	Equipment Failure	Wire - Bare	52	10,995	15006
2468112	1	8/7/2018	8:06	20:40	754	Dist Primary - UG	Equipment Failure	Cable	2	1,508	15867
2468380	0	8/7/2018	16:00	19:58	238	Dist Primary - OH	Tree Outside ROW - Down	Unselected	13	3,094	102
2468382	1	8/7/2018	16:02	23:20	438	Dist Primary - OH	Weather / Lightning	Unselected	30	13,140	15945
2468392	1	8/7/2018	16:05	21:21	316	Dist Primary - OH	Equipment Failure	Wire - Bare	10	3,159	476
2468422	1	8/7/2018	16:07	1:04	536	Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	536	14135
2468391	1	8/7/2018	16:07	22:12	364	Dist Primary - OH	Equipment Failure	Transformer	13	4,737	476
2468431 2468429	1	8/7/2018 8/7/2018	16:08 16:11	19:07 18:06	179 115	Dist Primary - OH	Unknown Weather / Lightning	Unselected Unselected	16 18	2,864 2,070	101 128
2468429	1	8/7/2018	16:11	23:56		Dist Primary - OH Dist Primary - OH	Weather / Lightning Weather / Lightning	Unselected	19	2,070 8,797	15946
2468535	1	8/7/2018	16:58	18:18	79	Dist Primary - OH	Animal/Bird	Unselected	9	713	15707
2468594	1	8/7/2018	18:00	21:00	179	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	179	15015
2468601	1	8/7/2018	18:07	19:06		Dist Primary - OH	Animal/Bird	Unselected	28		15710
2468380	1	8/7/2018	18:43	19:06		Dist Primary - OH	Tree Outside ROW - Down	Unselected	39	897	102
2468658	1	8/7/2018	19:37	20:02	25	Dist Primary - OH	Equipment Failure	Transformer	18	450	14765
2468666	1	8/7/2018	20:24	22:35		Dist Primary - OH	Unknown	Transformer	1	131	101
2468729	1	8/8/2018	2:30	5:03		Dist Primary - OH	Equipment Failure	Transformer	10	1,530	476
2468734	1	8/8/2018	3:34	5:36		Dist Secondary - OH	Tree Outside ROW - Limb	Unselected	1	122	102
2468743	1	8/8/2018	6:38	9:00		Dist Secondary - OH	Animal/Squirrel	Unselected	132	18,744	16001
2468840	1	8/8/2018	11:24	12:05		Dist Primary - OH	Tree Outside ROW - Limb	Unselected	16	656	14890
2468892	1	8/8/2018	13:10	16:26		Dist Secondary - URD	Equipment Failure	Service	1	196	14758
2468938	1	8/8/2018	15:52	17:35		Dist Secondary - UG	Vandalism	Unselected	1	103	14711
2469068	1	8/9/2018	6:40	9:11	151	Dist Primary - OH	Animal/Squirrel	Unselected	113	17,063	15701
2469092	1	8/9/2018	6:50	7:31	41	Dist Primary - OH	Equipment Failure	Lightning Arrestor	1,121	45,924	15177
2469072	1	8/9/2018	6:55	7:32		Dist Primary - OH	Equipment Failure	Lightning Arrestor	1	37	15171
2469078	1	8/9/2018	7:04	7:32		Dist Primary - OH Dist Primary - OH	Equipment Failure Equipment Failure	Lightning Arrestor	6	163 22	15172
2469083 2469112	0	8/9/2018 8/9/2018	7:10 8:02	7:32 12:31	22 269	Dist Primary - OH Dist Primary - UG	Equipment Failure Equipment Failure	Lightning Arrestor Elbow Insert	216	58,104	15172 14787
2469112	0	8/9/2018	8:02	12:31	616	Dist Primary - UG Dist Primary - UG	Equipment Failure Equipment Failure	Elbow Insert	151	93,016	14787
2469112	1	8/9/2018	8:02	13:23	321	Dist Primary - UG	Equipment Failure	Elbow Insert	182	58,422	14786
2469112	0	8/9/2018	8:02	15:07		Dist Primary - UG	Equipment Failure	Elbow Insert	49		14786
2700112	J	5/5/2010	0.02	10.07	723	Diot i minary - 00	Equipment I alluid	LIDOW HISCH	43	20,023	17730

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2469112	0	8/9/2018	8:02	14:55	413	Dist Primary - UG	Equipment Failure	Elbow Insert	14	5,782	14786
2469115	1	8/9/2018	8:07	12:50	283	Dist Secondary - UG	Foreign Contact	Unselected	7	1,981	15199
2469130	1	8/9/2018	8:44	12:11	207	Dist Secondary - UG	Equipment Failure	Meter	1	207	15461
2469274	1	8/9/2018	12:20	15:30	190	Dist Primary - OH	Animal/Squirrel	Unselected	17	3,226	15701
2469375	1	8/9/2018	16:24	17:04	40	Dist Primary - OH	Unknown	Unselected	528	21,120	14717
2469383	1	8/9/2018	16:31	17:04	33	Dist Primary - OH	Unknown	Unselected	26	854	14717
2469385	1	8/9/2018	16:31	17:19	47	Dist Primary - OH	Unknown	Unselected	11	521	14717
2469390	1	8/9/2018	16:34	17:04	30	Dist Primary - OH	Unknown	Unselected	19	563	14717
2469445	0	8/9/2018	16:49	20:27	218	Dist Primary - UG	Equipment Failure	Elbow Insert	298	64,964	14787
2469445 2469401	1	8/9/2018 8/9/2018	16:49 16:49	18:19 21:24	90 275	Dist Primary - UG Dist Primary - OH	Equipment Failure	Elbow Insert Unselected	71 13	6,390 3,570	14787 328
2469401	1	8/9/2018	18:39	19:23	44	Dist Secondary - URD	Weather / Lightning Vandalism	Unselected	13	3,370	15177
2469508	1	8/9/2018	20:20	20:26	6	Dist Primary - UG	Equipment Failure	Elbow Insert	79	442	14787
2469534	1	8/9/2018	23:26	1:04	97	Dist Secondary - OH	Employee	Unselected	1	97	99
2469642	1	8/10/2018	10:37	12:38	120	Dist Secondary - URD	Equipment Failure	Cable	1	120	14755
2469647	1	8/10/2018	10:51	14:52	241	Dist Secondary - UG	Cable Cut - Billable	Unselected	1	241	15996
2469760	1	8/10/2018	12:01	14:28	147	Dist Primary - URD	Equipment Failure	Cable	28	4,116	15174
2469690	1	8/10/2018	12:01	14:28	147	Dist Primary - URD	Equipment Failure	Cable	60	8,820	15174
2469910	1	8/10/2018	23:00	0:32	92	Dist Primary - OH	Employee	Unselected	98	9,016	14009
2469913	1	8/11/2018	0:28	0:46	18	Dist Primary - UG	Employee	Unselected	1	18	14892
2470097	1	8/11/2018	23:43	1:48	125	Dist Primary - URD	Equipment Failure	Fuse	5	625	14035
2470127	1	8/12/2018	6:49	10:12	203	Dist Primary - OH	Animal/Bird	Unselected	1	203	15174
2470214	1	8/12/2018	16:11	18:24	133	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	2	265 95	15015 14767
2470288 2470364	1	8/13/2018 8/13/2018	7:16 11:01	8:50 12:23	95 82	Dist Secondary - OH Dist Secondary - OH	Tree Outside ROW - Limb Equipment Failure	Unselected	1 23	1,885	15710
2470384	1	8/13/2018	11:01	12:23	81	Dist Secondary - UG	Equipment Failure	Connection(i.e. Loose) Meter	1	81	14722
2470502	1	8/13/2018	16:47	17:55	68	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	407	27,676	14722
2470502	0	8/13/2018	16:47	20:28	221	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	131	28,951	14767
2470502	0	8/13/2018	16:47	22:19	332	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	128	42,496	14767
2470554	1	8/13/2018	17:07	22:47	340	Dist Primary - OH	Unknown	Unselected	1	340	14093
2470502	0	8/13/2018	17:30	20:28	178	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	102	18,156	14767
2470647	1	8/13/2018	18:06	22:31	264	Network	Equipment Failure	Cable	1	264	14551
2470895	1	8/14/2018	7:38	10:26	168	Dist Primary - OH	Weather / Lightning	Unselected	1	168	14014
2470905	1	8/14/2018	8:33	9:09	35	Dist Primary - OH	Animal/Bird	Unselected	15	528	15016
2470956	1	8/14/2018	10:04	10:32	28	Dist Secondary - OH	Tree ROW - Limb	Unselected	1	28	15177
2471142	1	8/14/2018	18:06	19:33	86	Dist Secondary - URD	Equipment Failure	Meter	1	86	14758
2471388 2471402	1	8/15/2018 8/15/2018	13:28 14:09	15:58 15:47	149 98	Dist Secondary - OH Dist Primary - OH	Vandalism Equipment Failure	Unselected Transformer	1 45	149 4,410	380 347
2471456	1	8/15/2018	16:47	19:12	144	Network	Equipment Failure	Cable	1	144	14535
2471472	1	8/15/2018	16:56	17:53	57	Dist Primary - OH	Equipment Failure	Wire - Covered	95	5,415	118
2471472	0	8/15/2018	17:28	17:53	25	Dist Primary - OH	Equipment Failure	Wire - Covered	42	1,050	118
2471593	1	8/16/2018	6:43	7:32	48	Dist Primary - OH	Animal/Bird	Unselected	23	1,111	15015
2471731	1	8/16/2018	10:42	11:51	69	Dist Secondary - OH	Equipment Failure	Meter	1	69	15021
2471736	1	8/16/2018	10:53	13:10	137	Dist Secondary - UG	Equipment Failure	Meter	1	137	14711
2471805	1	8/16/2018	13:11	14:12	60	Dist Primary - UG	Equipment Failure	Cable	40	2,405	14786
2471805	0	8/16/2018	13:11	15:04	112	Dist Primary - UG	Equipment Failure	Cable	462	51,798	14786
2471805	0	8/16/2018	13:11	15:11	119	Dist Primary - UG	Equipment Failure	Cable	32	3,812	14786
2471805 2471805	0	8/16/2018 8/16/2018	13:11 13:11	17:16 14:53	244 101	Dist Primary - UG Dist Primary - UG	Equipment Failure Equipment Failure	Cable Cable	58 55	14,159 5,561	14786 14786
2471806	1	8/16/2018	13:13	14:53	100	Dist Primary - UG	Equipment Failure	Cable	6	599	14786
2471806	0	8/16/2018	13:13	15:53	160	Dist Primary - UG	Equipment Failure	Cable	442	70,639	14786
2471806	0	8/16/2018	13:13	15:04	111	Dist Primary - UG	Equipment Failure	Cable	130	14,406	14786
2471815	1	8/16/2018	13:25			Dist Primary - UG	Equipment Failure	Cable	1	45	
2472039	1	8/17/2018	9:06	11:05	119	Dist Secondary - UG	Equipment Failure	Cable	42	4,998	15702
2472228	1	8/17/2018	11:30	19:39	489	Dist Primary - UG	Employee	Unselected	1	489	15176
2472121	1	8/17/2018	11:30	15:23	233	Dist Primary - UG	Employee	Unselected	12	2,796	15176
2472182	1	8/17/2018	13:34	18:45		Dist Secondary - UG	Equipment Failure	Cable	42	13,034	14713
2472230	1	8/17/2018	16:21	17:04	43	Network	Unknown	Unselected	1	43	14021
2472330	1	8/17/2018	19:36	22:07	151	Dist Primary - URD	Equipment Failure	Meter	1	151	349
2472456	1	8/18/2018 8/18/2018	19:09 19:21	20:02 21:27	52	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose) Unselected	12	626	15944
2472457 2472468	1	8/18/2018	21:31	23:21	125 109	Dist Secondary - OH Dist Primary - OH	Tree ROW - Limb Equipment Failure	Fuse	1 51	125 5,570	14765 99
2472406	1	8/18/2018	22:03	23:00	58	Dist Secondary - OH	Equipment Failure	Meter	1	5,570	15709
2472471	1	8/18/2018	23:04	0:42	99	Dist Primary - UG	Equipment Failure	Fuse	79	7,805	15207W
2472493	1	8/19/2018	7:07	8:48		Dist Primary - OH	Animal/Squirrel	Unselected	23	2,323	14713
2472506	0	8/19/2018	7:12	9:30		Dist Primary - OH	Equipment Failure	Wire - Covered	147	20,286	14767
2472506	1	8/19/2018	7:12	7:28	16	Dist Primary - OH	Equipment Failure	Wire - Covered	192	3,072	14767
2472541	1	8/19/2018	7:41	9:05		Dist Primary - OH	Animal/Squirrel	Unselected	10	836	14987
2472562	1	8/19/2018	8:43	9:29	45	Dist Primary - OH	Equipment Failure	Wire - Bare	252	11,407	181
2472506	0	8/19/2018	8:45	9:30	45	Dist Primary - OH	Equipment Failure	Wire - Covered	214	9,630	14767
2472789	1	8/20/2018	10:03	11:30	87	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	87	15009

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Event ID	Nested ?	Date of Outage	Begin Time	End Time	Outage Duration	Construction	Outage Cause	Equipment Type	Customers Affected	Customer Minutes	Feeder
2472989	1	8/20/2018	15:19	17:40	140	Dist Secondary - UG	Unknown	Unselected	1	140	14725
2473033	0	8/20/2018	18:20	23:00	280	Dist Primary - UG	Equipment Failure	Cable	5	1,399	38
2473033	1	8/20/2018	18:20	5:00	640	Dist Primary - UG	Equipment Failure	Cable	4	2,559	38
2473040	1	8/20/2018	18:47	21:34	166	Dist Primary - UG	Equipment Failure	Cable	124	20,611	14729
2473040	0	8/20/2018	18:47	22:24	216	Dist Primary - UG	Equipment Failure	Cable	50	10,811	14729
2473156	0	8/21/2018	7:35	14:24 14:24	409 409	Dist Primary - UG Dist Primary - UG	Equipment Failure	Cable	184 68	75,256 27,812	14729 15986
2473156 2473156	0	8/21/2018 8/21/2018	7:35 7:35	4:24	1,249	Dist Primary - UG	Equipment Failure Equipment Failure	Cable Cable	173	216,077	15986
2473150	1	8/21/2018	13:31	14:29	58	Dist Primary - OH	Weather / Lightning	Unselected	8	463	467
2473369	1	8/21/2018	13:45	19:32	347	Dist Primary - OH	Equipment Failure	Transformer	7	2.429	14767
2473854	1	8/21/2018	14:01	22:27	506	Dist Primary - UG	Equipment Failure	Cable	78	39,467	15986
2473854	0	8/21/2018	14:01	23:35	574	Dist Primary - UG	Equipment Failure	Cable	119	68,304	14729
2473382	1	8/21/2018	14:38	5:53	914	Dist Primary - UG	Equipment Failure	Cable	128	116,998	14729
2473427	1	8/21/2018	14:44	18:09	204	Dist Secondary - OH	Tree ROW - Limb	Unselected	1	204	144
2473492	1	8/21/2018	15:45	17:00	74	Dist Secondary - UG	Unknown	Unselected	1	74	14713
2473544	1	8/21/2018	16:59	6:53	834	Dist Secondary - OH	Equipment Failure	Service	1	834	308
2473678	1	8/21/2018	19:57	10:37	880	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	14	12,320	14809
2473677 2473677	0 1	8/21/2018 8/21/2018	19:58 19:58	6:57 3:08	659 430	Dist Primary - OH Dist Primary - OH	Weather / Lightning Weather / Lightning	Wire - Covered Wire - Covered	107 352	70,484 151,266	15172 15172
2473767	1	8/21/2018	20:05	23:06	181	Dist Primary - OH	Weather / Lightning	Unselected	28	5,068	14753
2474752	1	8/21/2018	20:03	23:49		Dist Primary - OH	Equipment Failure	Transformer	1	217	369
2473751	1	8/21/2018	20:14	4:35	501	Dist Primary - OH	Weather / Lightning	Unselected	22	11,022	369
2474037	1	8/21/2018	20:44	2:12	328	Dist Primary - OH	Tree ROW - Limb	Unselected	15	4,916	128
2473888	1	8/21/2018	21:20	5:00	460	Dist Primary - OH	Equipment Failure	Cutout	9	4,140	65
2474027	1	8/21/2018	21:47	5:17	450	Dist Primary - URD	Equipment Failure	Transformer	5	2,250	15018
2473923	1	8/21/2018	21:47	1:20	213	Dist Primary - URD	Equipment Failure	Fransformer - Subsurfac	31	6,603	15018
2474267	1	8/22/2018	10:32	11:17	46	Dist Secondary - OH	Equipment Failure	Meter	1	46	14022
2474269	1	8/22/2018	10:36	13:27	171	Dist Primary - OH	Weather / Lightning	Unselected	1	171	14767
2474363	1	8/22/2018	12:45	16:20	215	Dist Secondary - UG	Equipment Failure	Connection(i.e. Loose)	1	215	15701
2474484 2474640	1	8/22/2018 8/23/2018	18:54 9:06	20:36 12:07	102 180	Dist Secondary - OH Dist Primary - OH	Vandalism Weather / Lightning	Unselected Unselected	1	102 180	14758 369
2474040	1	8/23/2018	14:31	15:04	33	Dist Secondary - UG	Vandalism	Unselected	1	33	14200
2474922	1	8/24/2018	0:45	1:17	32	Dist Secondary - UG	Employee	Unselected	1	32	14537
2474966	1	8/24/2018	8:17	9:24	67	Dist Primary - OH	Animal/Squirrel	Unselected	14	938	14093
2474991	1	8/24/2018	9:16	11:47	151	Dist Primary - OH	Motor Vehicle	Unselected	10	1,505	118
2474997	1	8/24/2018	9:28	11:47	139	Dist Primary - OH	Motor Vehicle	Unselected	1	139	118
2474999	1	8/24/2018	9:29	11:47	137	Dist Primary - OH	Motor Vehicle	Unselected	1	137	118
2475000	1	8/24/2018	9:34	13:09	215	Dist Secondary - OH	Foreign Contact	Unselected	1	215	15199
2475191	1	8/24/2018	20:18	22:03	105	Dist Secondary - UG	Equipment Failure	Connection(i.e. Loose)	1	105	14004
2475213	1	8/24/2018	21:49	22:03	14	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	127	1,778	14004
2475335	0 1	8/25/2018 8/25/2018	19:01 19:01	22:23 20:49	202 108	Dist Primary - OH Dist Primary - OH	Weather / Lightning	Unselected Unselected	30 550	6,060 59,400	15801 15801
2475335 2475386	1	8/26/2018	5:16	6:51	95	Dist Primary - OH	Weather / Lightning Equipment Failure	Fuse	25	2,375	15001
2475397	1	8/26/2018	6:49	7:58	69	Dist Primary - OH	Animal/Squirrel	Switch	586	40,434	14007
2475414	1	8/26/2018	6:49	7:56	67	Dist Primary - OH	Animal/Snake	Unselected	98	6,566	14007
2475416	1	8/26/2018	7:02	11:12	250	Dist Secondary - OH	Unknown	Unselected	1	250	15015
2475528	1	8/26/2018	8:47	9:09	22	Dist Secondary - URD	Equipment Failure	Cable	1	22	14758
2475613	1	8/26/2018	16:11	17:54	103	Dist Secondary - UG	Equipment Failure	Cable	72	7,387	14712
2475637	1	8/26/2018	17:47	17:54	7	Dist Primary - UG	Equipment Failure	Cable	125	875	15702
2475643	1	8/26/2018	18:51	4:56	605	Dist Primary - OH	Tree Outside ROW - Down	Pole	25	15,118	144
2475651 2475659	1	8/26/2018 8/26/2018	19:00 19:37	4:56 21:44	595 126	Dist Primary - OH Dist Secondary - OH	Tree Outside ROW - Down	Unselected Connection(i.e. Loose)	7 20	4,168 2,523	144 467
2475659	1	8/26/2018	21:30	21:44		Dist Secondary - UH Dist Secondary - UG	Equipment Failure Equipment Failure	Transformer	1	2,523	467
2475859	1	8/27/2018	11:19	15:18		Dist Primary - UG	Equipment Failure	Bushing	19		15764
2475859	0	8/27/2018	11:19	15:22	243	Dist Primary - UG	Equipment Failure	Bushing	113	27,459	15764
2475859	0	8/27/2018	11:19	15:40	261	Dist Primary - UG	Equipment Failure	Bushing	97	25,317	15764
2475859	0	8/27/2018	11:19	15:44	265	Dist Primary - UG	Equipment Failure	Bushing	168	44,520	15764
2475859	0	8/27/2018	11:19	18:25	426	Dist Primary - UG	Equipment Failure	Bushing	52	22,152	15764
2476058	1	8/27/2018	11:19	16:00	281	Dist Primary - UG	Unknown	Cable	167	46,927	15764
2476014	1	8/27/2018	11:35	1:10	815	Dist Primary - OH	Tree Outside ROW - Down	Unselected	6	4,890	132
2475873	1	8/27/2018	11:35	14:08	153	Dist Primary - OH	Tree Outside ROW - Down	Unselected	8	1,224	132
2475977	1	8/27/2018	13:28	18:05	277	Dist Primary - OH	Unknown	Unselected	1	277	14133
2476003 2476068	1	8/27/2018 8/27/2018	14:18 17:28	18:25 19:30	247 122	Network	Unknown	Unselected Connection(i.e. Losse)	1	247	14372
2476068	1	8/27/2018	17:28	21:08		Dist Secondary - OH Dist Secondary - OH	Equipment Failure Equipment Failure	Connection(i.e. Loose) Connection(i.e. Loose)	15 19	1,830 2,493	101 15801
2476103	1	8/27/2018	19:18	20:21	63	Dist Primary - OH	Animal/Squirrel	Unselected	13	817	14261
2476363	1	8/28/2018	14:17	0:01	584	Dist Secondary - UG	Equipment Failure	Transformer	1	584	15015
2476406	1	8/28/2018	16:50	20:38	228	Dist Secondary - OH	Motor Vehicle	Unselected	1	228	87
2476412	1	8/28/2018	17:05	18:52	106	Dist Secondary - OH	Load	Unselected	20	2,126	15949
2476474	1	8/28/2018	20:01	21:22	80	Dist Secondary - UG	Equipment Failure	Meter	1	80	14733
2476483	1	8/28/2018	20:56	23:10	134	Dist Secondary - OH	Load	Unselected	21	2,814	82

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Event ID	Nested ?	Date of Outage	Begin Time	End Time	Outage Duration	Construction	Outage Cause	Equipment Type	Customers Affected	Customer Minutes	Feeder
2476533	1	8/28/2018	22:56	2:08	192	Dist Primary - UG	Equipment Failure	Bushing	111	21,312	15764
2476541	1	8/28/2018	22:56	3:56	300	Dist Primary - UG	Equipment Failure	Bushing	167	50,100	15764
2476542	1	8/28/2018	22:56	3:11	255	Dist Primary - UG	Equipment Failure	Bushing	52	13,260	15764
2476540	1	8/28/2018	22:56	3:21	265	Dist Primary - UG	Equipment Failure	Bushing	96	25,440	15764
2476532	1	8/28/2018	22:56	2:04	188	Dist Primary - UG	Equipment Failure	Bushing	19	3,572	15764
2476546	1	8/29/2018	4:33	6:26	112	Dist Primary - UG	Equipment Failure	Transformer	283	31,814	15764
2476553	1	8/29/2018	4:33	8:57	263	Dist Primary - UG	Equipment Failure	Transformer	167	43,991	15764
2476560	1	8/29/2018	7:49	9:10	80	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	80	15011
2476644	1	8/29/2018	10:43	11:05	22	Dist Secondary - OH	Foreign Contact	Unselected	1	22	15006
2476865	1	8/29/2018	18:08	19:21	73	Dist Primary - OH	Equipment Failure	Connection(i.e. Loose)	716	52,077	14009
2476938	1	8/29/2018	20:13	23:51	217	Dist Primary - UG	Equipment Failure	Fuse	79	17,167	15207W
2476973	1	8/29/2018	22:14	22:37	23	Dist Secondary - OH	Load	Unselected	15	351	15944
2477317	1	8/30/2018	13:58	16:46	167	Dist Primary - OH	Load	Unselected	1	167	15014
2477407	1	8/30/2018	18:39	19:54	76	Dist Secondary - OH	Equipment Failure	Connection(i.e. Loose)	1	76	333
2477442	1	8/31/2018	5:01	5:42	40	Dist Secondary - OH	Foreign Contact	Unselected	1	40	372
2477484	1	8/31/2018	9:35	10:37	62	Dist Primary - OH	Animal/Bird	Unselected	14	868	14717
2477531	1	8/31/2018	11:26	13:45	139	Dist Primary - OH	Animal/Bird	Unselected	1	139	15710
2477562	1	8/31/2018	12:58	13:47	49	Dist Secondary - UG	Unknown	Unselected	1	49	14732
2477659	1	8/31/2018	17:38	19:13	95	Dist Secondary - UG	Unknown	Unselected	1	95	14736
2477751	1	8/31/2018	22:25	23:31	66	Dist Primary - OH	Weather / Lightning	Unselected	51	3,366	14058

YTD	
Outage Cause "Other" or "Unknown" - Total	105
Sustained Outages - Total	1487
Percentage "Other" or "Unknown"	7%

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Report	Outage	Manhole		of	ruG			Irant		Time of	Actual	Duratio		Max No.		
Sequence Number	Sequence Number	Sequence Number*	Month	Day of Outage	он ог	Outage Cause/ Incident Description	Location	Quadrant	Ward	Outage/ Incident	Restoration Time	Outa Hours	ige	of Cust. Affected	Feeder No.	Feeder No.
1	1		January	4	ОН	Weather/Wind/Wires down/Replaced Wires/Restoring all load	Darrington Street e/o 6th Street, SE	SE	8	2046	0544 (1/5)	8	58	2	183	
1	2		January	4	ОН	Equipment failure/Cable fault/Transformer failed/ Replaced cable and transformer/All load restored	Naylor Road n/o Gainesville Street, SE	SE	7	1425	0100 (1/5)	10	35	1	15173	
2	3		January	5 7	UG	Equipment failure/Transformers failed/Temporary repairs	5th Street and M Street, NW 61st Street and Clay Street, NE	NW	6 7	651	234	19	43	202	15206	
4	5		January January	8	OH	Load/Blown fuse/Replaced fuse/Restored all load Animal/Squirrel/Fuse blown/Replaced fuse/All load restored	12th Street s/o Savannah Street, SE	NE SE	8	346 1051	524 1145	0	38 54	128 103	366 15175	
5	6		January	9	UG	Cable cut/Fuse blown/Isolated fault/Made tie/ Restored load	13th Street n/o Q Street, NW	NW	1	1043	1854	8	11	85	15204W	15207W
5			January	9	UG	See Above See Above	13th Street n/o Q Street, NW 13th Street n/o Q Street, NW	NW	2	1043	1854	9	11	212	15204W	15207W
5			January	9	UG		,	NW	6	1043	1854	8	11	128	15204W	15207W
5	7		January	9	UG	Equipment failure/Cable fault/Feeder tripped/ Isolated fault/Made Motor Vehicle/Pole broken/Feeder tripped/Isolated fault/Restored	South Capitol Street, SE n/o R Street, SW Half Street s/o Water Street, SW		6	1030	1254	2	24	1229	16000	-
6	8		January	10	OH	load Equipment failure/Wires down/Feeders tripped/Reinstalled	Blair Road and Oglethorpe Street, NW	SW	6	1142	1243	1	1	1650	16001	-
7	9		January	12	ОН	wires/Load restored See above	See above	NW	4	437	10337	6	0	1525	15014	15013
7			January	12	ОН			NW	5	437	1037	6	0	1,444	15014	15013
7	10		January	12	ОН	Equipment failure/Switch opened/Tap burned off regulator/Isolated fault/By-passed switch/Load restored		NE	5	1142	15001	3	19	466	15013	
8	11		January	15	UG	Equipment failure/Cable failure/Permanent repairs made to cable/A load restored	Randolph Place s/o 1st Street, NW	NW	5	46	57	0	10	125	14004	
9	12		January	18	UG	Equipment failure/Cable fault/Blown URD slip on/ made new slip on/Restored all load	15th Street and Pennsylvania Avenue, SE	SE	6	1821	220 (1/19)	7	59	205	227	
9	13		January	18	UG	Equipment failure/Fuse blown/Corroded fuse holder found in trans closure/Replaced fuse/ Restored all load	Summit Court and Fort Lincoln Drive, NE	NE	5	1128	1810	6	42	128	15094	
10	14		January	20	ОН	Motor Vehicle/Pole broken/Wires down/Replaced pole/Reattached	Minnesota Avenue se/o Nash Place, SE	SE	7	1815	2350	5	36	240	479	
						wires/All load restored Equipment failure/Cable failure/Found cable burned at duct	Neal Street SW/o Montello Avenue, NE									
11	15		January	25	UG	edge/Replaced cable/All load restored Equipment failure/Feeder tripped/Regulator failed /Isolated	Allison Street and Iowa Avenue, NW	NE	5	616	1316	7	0	100	14712	
12	16		January	29	ОН	regulator/Made tie/Load restored Motor Vehicle/Pole broken/Fuses blown/Tie made/ Replaced	<u> </u>	NW	4	505	735	2	30	1369	15197	-
13	17		February	3	ОН	fuses/Load restored/Referred to OH for permanent repairs	Naylor Road, SE n/o Denver Street, SE	SE	8	341	618	2	36	421	15173	
14	18 19		February February	4	UG	Equipment failure/Cable fault/Replaced cable/All load restored Equipment failure/Feeder tripped/Blown pothead/Replaced pot	18th And Vernon Street, NW Rodman Street w/o Tilden Street, NW	NW NW	3	1903 1616	354 (2/5) 0100 (2/5)	8	51 44	273	14736 144	
15	20		February	6	UG	head/Load restored Equipment failure/Transformer failed/Fuse blown /Replaced	8th and G Streets, SE	SE	6	1257	1827	5	3	223	16002	
16	21		February	12	UG	Transformer/Replaced fuse/All load restored Equipment failure/Cable failure/Switch opened /lsolated fault/Made	Van Ness Street, and Wisconsin Avenue,	NW	3	1257	1454	1	57	494	309	
	22				UG	tie/All load restored Employee/Bus tripped/Employee inadvertently tripped a 13kV	NW 12th and Irving Streets, NE	NE	5	942	953	0		3225	14008	
17	22		February February	14	UG	Bus/The Breaker was closed all load restored See above	See above	NE	1	942	953	0	12	345	14008	
17	23		February	14	UG	Equipment failure/Feeder tripped/Stof box failed/Isolated stof box/Temporary repairs made/Load restored	14th Street, SE n/o K Street, SE	SE	6	2025	0347 (2/15)	7	22	445	212	
18	24		February	18	UG	Equipment failure/Transformer failed/Fuse Blown/ Replaced transformer/Replaced fuse/Load restored	Massachusetts Avenue e/o Warren Street, NW	NW	3	907	0044 (2/19)	15	37	3	14766	
19	25		February	19	UG	Equipment failure/Cable failure/Temporary repairs made/Load restored	4th and G Street, SE	SE	6	1032	2100	10	28	1	16003	
19	26		February	19	ОН	Unknown/Blown fuse/Patrolled feeder no cause found/Replaced	Rhode Island Avenue and Franklin Street,	NE	5	818	951	1	33	142	14014	
20	27		February	20	ОН	fuse/Load restored Equipment failure/Recloser tripped/Cable fault in riser/Isolated	16th Street and Kalmia Road, NW	NW	4	1551	1659	1	8	1593	15199	
	28	DC18-12	February	20	UG	fault/Closed, all load restored Equipment failure/Cable failure/Replaced cable/Load restored	3200 block of N Street, NW	NW	2	2007	0500 (2/21)	8	53	3	14555	
21	29		February	21	ОН	Motor vehicle/Three poles broken/Poles replaced/Load restored	South Dakota Avenue, and Bladensburg Road, NE	NE	5	750	2349	15	59	44	14016	
22	30		February	22	UG	Equipment failure/Module failed/Fuse blown/ Repaired module/Replaced fuse/Load restored	300 block of D Street, NE	NE	6	1252	1444	1	52	138	14787	
23	31		February	23	ОН	Motor Vehicle/Pole struck/Wires down/Fuse blown/Isolated damage/Replaced fuse/Load restored	Mississippi Avenue, SE and Wayne Place, SE	SE	8	2234	2341	1	7	158	14755	
24	32		March	7	ОН	Equipment failure/Wires down/Feeder tripped/ Permanent repairs made/Load restored	Danbury Street e/o Martin Luther King Jr. Avenue, SW	sw	8	328	549	2	21	2,156	14758	
24 25	33 34		March March	17	OH	Weather/Wind/Wire down/Replaced service wire/Load restored Equipment failure/Wire down/ Recloser Tripped/ Cut in	Macomb Street w/o 36th Street, NW 200 block of V Street, SW	NW SW	6	720 1052	1606 1230	8	46 33	1 1634	101	
25	35		March		UG	clear/Closed, load restored Equipment failure/Fuse blown/Cable fault/ Isolated cable fault/Load	1300 block of Bladensburg Road, NE	NE	5				51	183		
26	36			17	OH	restored Motor vehicle/Pole broken/Transformer damaged/ Replaced	Ridge Road, SE n/o G Street, SE	SE	7	1246 415	1537	8	42	9	15703 451	
			March			pole/Replaced transformer Equipment failure/Cable failure/Duct damaged/ Isolated	Florida Avenue, NW e/o 14th Street, NW									-
27	37		March	25	UG	fault/Temporary repairs made Equipment failure/Protector failed/Crew checked for safety/Feeder	9th Street and D Street, NW	NW	1	1055	1930	8	35	1	15761	
28	38		March	27	UG	closed and held/All load restored Equipment failure/Cable failure/Isolated fault/Made tie/Load restore		NW	2	403	440	0	37	119	14574	
29	39		March	30	UG	Equipment failure/Cable failure/Isolated fault/Made tie/Load restore	Avenue, NW	NW	3	757	939	1	42	907	14135	
30	40		March	31	UG	Wind/Wires wrapped together/Feeder tripped /unwrapped	4700 block AND 4800 block of 4th Street,	NE	5	904	1301	1	27	342	14019	-
31	41		April	4	ОН	wires/Load restored Wind/Wires wrapped together/Feeder tripped /unwrapped	NW 4700 block AND 4800 block of 4th Street,	NW	4	1417	1539	1	22	1,641	15003	489
31	42		April	4	ОН	wires/Load restored	NW 4700 block AND 4800 block of 4th Street,	NW	4	1620	1655	0	35	1666	15003	
31	43		April	4	ОН	Wind/Wires wrapped together/Feeder tripped /unwrapped wires/Installed space savers/Load restored	NW 1700 block of Hamilton Street, NE	NW	4	1744	1912	1	28	1503	15003	
32	44		April	5	ОН	Employee/Pole down/Wires down/Fuse blown /Isolated downed wires/Replaced fuse/Load restored	,	NE	5	1149	1304	1	15	141	14014	
33	45		April	11	ОН	Equipment failure/Feeder tripped/B phase cutout defective/Replace cutout/Load restored	1300 block of Bladensburg Road, NE	NE	5	410	530	2	15	183	15703	L
34	46		April	16	UG	Equipment failure/Fuse blown/Cable fault/Isolated fault/replaced fuse/Load restored	19th Street and M Street, NE	NE	5	1037	1452	4	15	211	15703	L
34	47		April	16	ОН	Foreign contact/Fuse blown/Cross arm brace contacted fuse/Replaced fuse/Load restored	13th Street and Hamilton Street, NE	NE	5	256	505	2	9	191	15198	
35 36	48 49		April April	17 19	UG OH	Cable cut/Fuse blown/Isolated fault/Made tie/Load restored Vegetation/Tree on wires/Poles broken /Transformer	9th Street and G Street, SE 29th Street s/o Military Road, NW	SE NW	6	1200 1509	1419 0830 (4/20)	17	19	279 12	16002	
37	50	 	April	21	UG	failed/Replaced poles/ Replaced transformer Equipment failure/Cable failure/Blown fuse /Isolated fault/Made	3000 block of Gentain Court, NE	NE	5	736	1125	3	49	103	14200	
38	51		April	24	UG	tie/Load restored Equipment failure/Transformer failed/Blown fuse /Isolated	300 block of Bryant Street, NW	NW	1	253	306	0	13	730	15769	
38	52		April	24	UG	Transformer/Replaced fuse/Load restored Unknown/Fuse blown/Replaced fuse/All load restored	1800 block of Belmont Road, NW	NW	1	1455	2105	5	10	446	14732	
39	53		April	26	UG	Equipment failure/Transformer failed/Blown fuse /Replaced transformer/Replaced fuse/Load restored	3200 block of Hiatt Place, NW	NW	5	150	800	6	10	282	15991	L
40	54		May	2	UG	Equipment failure/Module failed/Elbow blown/ Fuse blown /Replace module, elbow and fuse /Load restored	19th Street and Kalorama Road, NW	NW	1	1611	2249	6	38	346	14733	
41	55		May	3	UG	Equipment failure/Cable fault/Fuse blown/Isolated fault/Replaced fuse/Referred to the URD Department for permanent repairs	Stanton Terrace SE n/o Frederick Place, SE	SE	8	1011	1327	3	16	115	15170	
						Foreign contact/Balloons/Feeder tripped/Removed balloons/Closes										-
42	56		May	4	ОН	Load restored Equipment failure/Cable failure/Fuse blown/ Isolated fault/Made	Between 300 block of Manor Place and	SE	8	1945	2000	0	15	350	177	-
42	57		May	4	UG	Equipment failure/STOF box failed/Fuse blown/ Isolated STOF	Luray Place, NW Talbert Street and Martin Luther King Jr.	NW	1	1000	1425	4	25	242	14057	—
43	58		May	4	UG	box/Replaced fuse/Restoring all load	Avenue, SE	SE	8	2051 (5/4)	715	10	24	52	56	
43	59		May	5	ОН	fault/Made tie/Replaced fuse/Load restored	4200 block of 40th Street, NW	NW	3	143	425	2	42	491	90W309	
44	60		May	6	UG	Equipment failure/Cable fault/Fuse blown/Isolated fault/Load restored	15th Place and Stanton Road, SE	SE	8	956	1230	2	34	256	15170	L
45	61		May	7	ОН	Vegetation/Tree down/Switch opened/Cross arm broken/Replaced cross arm/Restored all load	•	SE	7	1659	1959	3	0	449	118	
45	62		May	7	UG	Equipment failure/Fuse blown/Module and elbow failed/Replaced module and elbow/Load restored	1800 block of 19th Street, NW	NW	6	1353	1817	4	24	234	15204R	
45	1	1	May	7	UG	See above	See above	NW	1	1353	1817	4	24	48	15204R	

Report Sequence Number	Outage Sequence Number	Manhole Sequence Number*	Month	Day of Outage	OH or UG	Outage Cause/ Incident Description	Location	Quadrant	Ward	Time of Outage/ Incident	Actual Restoration Time	Durati Outa Hours	ige	Max No. of Cust. Affected	Feeder No.	Feeder No.
46 47	63 64		May May	10	OH UG	Animal/Squirrel/Feeder tripped/Permanent repairs made/Load restored Equipment failure/Transformer failed/Fuse blown/ Replaced	12th Street and Monroe Street, NE 2200 block of Adams Place, NE	NE NE	5	720 1141	841 1953	1 8	21 12	297	14015	<u> </u>
48	65		May	14	ОН	transformer/Replaced fuse/Load restored Weather/Wind/Feeder tripped/Wires wrapped together/Unwrapped	Brentwood road w/o 13th Street, NE	NE	5	1920	1953	0	33	512	14023	
48	66		May	14	ОН	wires/Closed, Load restored Weather/Lightning/Fuse blown/Replaced fuse/ Load restored	14th Street and Downing Street, NE	NE	5	2202	2252	0	50	148	14008	
49	67		May	15	UG	Equipment failure/Cable fault/Fuse blown/ Isolated fault/Replaced fuse/ Load restored	Bruce Place, SE e/o 12th Place, SE	SE	8	1635	1743	1	8	122	15172	
50	68		May	16	UG	Equipment failure/Transformer failed/Replaced transformer/All load restored		SE	6	1308	1735	4	27	169	227	212
50	69		May	16	UG	Equipment failure/Cable fault/Fuse blown/Isolated fault/Replaced fuse/ Load restored	Lamont Street and Sherman Avenue, NW	NW	1	428	650	2	22	364	14729	
51	70		May	18	ОН	Vegetation/Tree down/Wires down/Two Poles broken/Replaced poles/All load restored	4500 block of Dexter Street, NW	NW	3	607	1713	11	6	24	132	
52	71		May	19	ОН	Vegetation/Trees on wire/Fuse blown/Removed trees/Permanent repairs made/All load restored	Overlook Road n/o Overlook lane, NW	NW	3	634	1811	11	37	7	64	<u> </u>
52	72		May	19	ОН	Equipment failure/Blown Branch Joint/Feeder tripped/Isolated fault/Closed, Load restored	Massachusetts Avenue at Nebraska Avenue, NW	NW	3	549	819	2	30	1104	14132	<u> </u>
52	73		May	19	ОН	Vegetation/Trees on wire/Feeder tripped/Removed trees/Closed, a load restored		NE	5	13	142	1	29	1,447	14200	<u> </u>
53	74		May	19	UG	Equipment failure/Cable fault/Blown fuse/Duct line damaged/Temporary repairs made/Load restored	Irving Street w/o North Capitol Street, NW	NW	5	1740 (5/19)	1158	18	18	1	14200	
53	75		May	20	UG	Equipment failure/Cable fault/Isolated fault/Made tie/Restored all load/Referred to the URD Department for permanent repairs	Stanton Terrace w/o 15th Place, SE	SE	8	1540	1802	2	22	371	15170	<u> </u>
54 54	76 77		May	21	UG	Equipment failure/Cable fault/Replaced cable /Load restored Weather/Lighting/Fuse blown/Pole on fire/ Permanent repairs	16th Street and Meridian Place, NW Underwood Place e/o 1st Street, NW	NW NW	4	1458 (5/21) 1641	105 1802	10	7 21	27 494	15992 15200	
						made/Replaced fuse/Load restored Vegetation/Tree on Wires/Switch opened/Wires wrapped/C phase	14th Street and Rittenhouse Street, NW									
54	78		May	22	ОН	of insulator/Removed tree/ Unwrapped wires/Replaced C phase/Load restored		NW	4	1823	1906	0	43	680	15021	
55	79		May	23	ОН	Vegetation/Tree on wire/Feeder tripped/Fuse blown/Replaced fuse/Made tie/All load restored	2800 block of Albemarle Road, NW	NW	3	1202	1509	3	7	315	14133	
55	80		May	23	ОН	Vegetation/Wire down due to tree limb/Feeder tripped/Replaced wire/Closed, load restored	14th Street and Rittenhouse Street, NW	NW	4	1107	1441	3	34	2,215	15021	
55	81		May	23	UG	Equipment failure/Cable fault/Fuse blown/ Replaced fuse/Made tie/Restoring all load	3700 block of 39th Street, NW	NW	3	413	737	3	21	248	14136	
56	82		May	25	ОН	Vegetation/Tree down/Wires down/Feeder tripped/Reinstalled wire Restoring all load		SE	8	916	924	0	8	1,838	15173	
56 56	83 84		May May	25 25	UG	Equipment failure/Cable failure/Replaced cable/Load restored Animal/Squirrel/ACR Burned/Isolated ACR/Made tie/Load restored		NW SE	8	105 1116	1748 1218	16	43	389	15454 14758	
57	85		May	29	UG	Equipment failure/Cable failure/Fuse blown /Isolated fault/Made	Plains Drive, SE 3600 block of 38th Street, NW	NW	3	458	851	3	53	229	14150	—
58	86			31	UG	tie/Restoring all load Equipment failure/Cable fault/Fuse blown/Isolated fault/Made	1300 block of 5th Street, NW	NW	6	310	1244	9	34	162	15204W	\vdash
36	00		May	31	00	tie/Restoring all load Equipment failure/Feeder tripped/Recloser tripped /Fuses	1300 block of Tewkesbury Place, NW	1444		310	1244	9	34	102	1320444	
58	87		May	31	ОН	blown/Cable fault/Isolated fault/Made tie /Closed, restoring all load		NW	4	454	747	2	52	2,215	15021	
	88	DC18-24	May	31	UG	Equipment failure/Cable failure/Feeder tripped/ Recloser tripped/Ti crew isolated the fault/ Closed, Restoring all load	Connecticut Avenue and Nebraska Avenue NW	NW	3	718	1313	5	55	476	14135	
59	89		June	2	ОН	Animal/Squirrel/Feeder tripped/Closed, restoring all load/Referred OH to replace animal guards	d1300 block of Irving Street, NW	NW	5	832	907	0	35	2209	14014	
60	90		June	3	ОН	Equipment failure/Wire down/Connection burned/ Feeder tripped/Reinstalled wire/Load restored	4900 block of Nash Street, NE	NE	7	657	865	1	58	2333	14717	
61	91		June	4	ОН	Unknown/Fuse blown/NO cause found/Replaced fuse/Restored all load	11th Place and Alabama Avenue, SE	SE	8	641	936	2	55	122	15175	
61	92		June	4	UG	Equipment failure/Service cable burned/Replaced service cable/All load restored	29th Street and Dumbarton Street, NW	NW	2	1552	0313 (6/5)	11	21	1	15996	
62	93		June	5	UG	Equipment failure/Cable Fault/Isolated fault/Made tie/Restoring all load	North Capitol Street n/o Michigan Avenue,	NE	5	309	428	1	19	104	14200	
62	94		June	5	ОН	Equipment failure/meter/Found meter removed and pie plated/Referred to the Meter Department to install new meter	2900 block of 2nd Street, SE	SE	8	904	1806	9	2	1	15166	
63	95		June	7	UG	Cable cut/Cable and duct damaged/Permanent repairs made Equipment failure/Cable failed/Blown fuse/Isolated fault/All load	4th Street and N Street, NW Vicinity of Quebec Place, NW and Spring	NW	6	1452	2335	6	43	2	14401	
64 64	96		June June	8	UG	restored See above	Road, NW See above	NW	1 4	154 154	638 638	4	44	38 209	14054 14054	├
65	97		June	9	OH	Animal/Bird/ACR tripped/Wires down/Tie made/Load restored Foreign contact/Balloons/Feeder tripped/ Permanent repairs	South Dakota Avenue and Buchanan Benning Road w/o 36th Street, NE	NE	5	1151 1913	1441 2239	2	50	981	14015	
65 65	98		June	9	OH	made/All load restored See above	See above	NE NE	7	1913	2239	3	26 26	22	15710 15710	<u> </u>
66	99		June	10	ОН	Equipment failure/Regulator failed/Isolated regulator/All load restored	Connecticut Avenue and Quincy Street Chevy Chase MD (Note: feeder crosses	NW	4	853	944	0	51	347	14896	
67	100		June	11	ОН	Vegetation/Pole broken/Replaced pole/Permanent repairs made/A		NW	4	1019	1948	9	29	10	133	
68	101		June	12	ОН	load restored Vegetation/Tree limb/Wires down/Feeder tripped Reinstalled	39th Street n/o Fulton Street, NW	NW	3	725	921	1	56	1372	14136	
69	102		June	13	UG	wires/Restoring all load Equipment failure/Cable failed/Replaced cable/All load restored	16th Street and Floral Street, NW	NW	4	331	1333	10	2	7	15199	
69	103		June	13	ОН	Animal/Squirrel/Fuses blown/Replaced fuses /Restoring all load	Franklin Street and Rhode Island Avenue, NE	NE	5	640	936	2	56	141	14014	<u> </u>
70	104		June	15	UG	Equipment failure/Cable failure/Fuse blown/ Isolated fault/Made tie/All load restored	5th Place ne/o Congress Place, SE	SE	8	642	9188	2	36	124	15170	<u> </u>
71	105		June	17	UG	Equipment failure/Cable failure/Feeder tripped/ Isolated fault/Load restored	Bridge	SW	2	1145	0408 (6/16	16	23	28	233	<u> </u>
72	106		June	18	ОН	Vegetation/Tree down/Transformer damaged/ Fuse blown/Replace transformer and fuse/ Restoring all load		NW	4	720	1525	8	5	12	133	
72 73	107		June June	18 20	OH	Unknown/Recloser tripped/Closed, ACR/ Restoring all load Vegetation/Tree limbs/Wire down/Feeder tripped/ Reinstalled wire/	Bladensburg Road sw/o 37th Avenue, NE 400 block of 33rd Street, SE	NE SE	5 7	1345 1950	1450 2109	1	5 19	1039 438	14016 99	
74	109		June	21	ОН	Restoring all load Equipment failure/Cable failure/Fuse blown /isolated fault/Load	1600 bock of Layman Place, NE	NE	5	1248	1533	2	45	298	15703	
75	110		June	23	UG	restored Equipment failure/Cable fault/Fuse blown /Isolated fault/Closed	11th Street and O Street, NW	NW	2	552	857	3	5	197	15204R	
76	111		June	24	UG	tie/Replaced fuse/Load restored Equipment failure/Transformer failure/Replaced transformer/Load	5th Street and Neal Place, NE	NE	5	1458	2350	8	52	24	14786	
76	112		June	24	OH	restored Animal/Bird/Feeder tripped/Conductor off insulator/ Reinstalled	Riggs Road and Berkshire Drive Hyattsville	NE	5	759	906	1	7	642	15264	
						conductor/Closed, restoring all load Vegetation/Tree limb/Fuse blown/Removed tree limb/Replaced	MD (Note: feeder crosses jurisdictional 40th Place and W Street, NW									
77	113		June	28	OH	fuse/Restoring all load Equipment failure/Cable failure/Fuses blown /Isolated fault/Replace		NW	3	1139	1314	1	35	132	14132	
78	114		June	29	UG	fuses/All load restored Equipment failure/Cable fault/Secondary cables burned/Replaced	1300 block of H Street, NE	NE	5	2057	0048 (6/30)	3	51	693	15702	
	115	DC18-27	June	30	UG	cables/All load restored Equipment failure/Cable failure/Isolated fault/Permanent repairs	900 block of G Street, NE	NE	6	2236 321	1216 (7/2) 1433	37	36	225	14535	
79	116		July	1	UG	made/All load restored Equipment failure/Cable failure/Fuse opened/Isolated fault/Restoring		NE	5	418	936	11	12	128	15702	-
79 79	117		July	1	UG	Load See above	See above	NE NE	6	418	936	5	18	123 250	14151 14151	-
79	118		July	1	OH	See above Equipment failure/Cable failure/Feeder tripped /Isolated fault/Close restoring all load		NE	5	2219	2359	1	40	2682	15701	
79			July	1	ОН	See above Equipment failure/Cable failure/Fuse blown /Isolated fault/Made	See above 9th and P Street, NW	NE	6	2219	2359	1	40	171	15701	
80	119		July	3	UG	Equipment failure/Cable failure/Fuse blown /isolated fault/Made title/Closed, restoring all load See above	See above	NW NW	2	813 813	14345 1434	6	21	265 266	15207R 15207R	-
81	120		July	4	UG	Equipment failure/Cable failure/Fuse blown /Isolated fault/Made	9th and East Capitol Streets, NW	NW	6	1728	2236	5	8	332	15207R 15875	
82	121		July	8	ОН	tie/Restoring all load Unknown/Fuse blown/Patrolled feeder no faults found/Replaced	11th Place and Alabama Avenue, SE	SE	8	615	812	1	57	104	15175	
83	122		July	10	UG	fuse/Restoring all load Equipment failure/Fuse blown/Transformer failed/ Replaced	15th Street and V Street, NW	NW	1	739	1745	10	6	190	15764	
83			July	10	UG	transformer/Replaced fuse See above	See above	NW	2	739	1745	10	6	53	15764	
83	123		July	10	UG	Equipment failure/After opening switch for maintenance the switch failed to close/Closed switch/ restoring all load		SE	6	1941	2000	0	19	121	16329	
				1	ОН	Cable cut/Contractor cut tap/Switch opened/ Permanent repairs	900 block of 49th Street, NE	SE	7	1429	1443	0	14	698	15707	1

Report Sequence Number	Outage Sequence Number	Manhole Sequence Number*	Month	Day of Outage	OH or UG	Outage Cause/ Incident Description	Location	Quadrant	Ward	Time of Outage/ Incident	Actual Restoration Time	Durati Outa Hours	ige	Max No. of Cust. Affected	Feeder No.	Feeder No.
83	125		July	10	ОН	Animal/Squirrel on Wire/Feeder tripped/Closed, Feeder/Restoring a load	Kennedy Street w/o 1st Street, NE	SE	5	610	712	1	2	1873	15018	
84	126		July	10	UG	Equipment failure/Cable burned in half in Manhole/ Temporary	31st Street and Q Street, NW	NW	2	1702 (7/10)	114	8	12	3	15996	
						repairs made/Referred to UG to heavy up cable Vegetation/Tree limb on wire/ACR tripped/ Removed tree limb/All	25th Street n/o Alabama Avenue, SE									
85	127		July	12	ОН	load restored Equipment failure/Transformer failed/Fuse opened/ Replaced	500 block of 25th Place, NE	SE	8	1016	1025	0	9	1272	15174	
86	128		July	15	UG	transformer/Load restored	,	NE	7	1139	1707	5	28	129	14711	
87	129		July	16	UG	Equipment failure/Cable failure/ Fuse blown/ Isolated cable fault/Replaced fuse/Load restored	2500 block of Massachusetts Avenue, NW	NW	2	115	450	3	35	115	14733	
88	130		July	17	ОН	Weather/Lightning/Blown fuse/Replaced fuse/ Closed all load restored	300 block of Taylor Street, NE	NE	5	1542	1819	2	37	154	15013	
88	131		July	17	ОН	Vegetation/Wires down/Feeder tripped/Reinstalled wires/Load	Martin Luther King Jr. Avenue and Stanton	SE	8	1549	2324	7	35	1,836	15176	1517
			-	1		restored Equipment failure/Cable failure/Fuse blown/ Isolated fault/Replaced	Road, SE 300 block of E Street, NE									1011
89	132		July	22	UG	fuse/Restored load Equipment failure/Cable damaged/Replaced cable/Load restored	300 block of M Street, NW	NE	5	25	332	3	7	178	14787	
90	133		July	23	UG	• •		NW	6	1352	2153	8	1	3	15206	
90	134		July	23	ОН	Vegetation/Tree down/Wires down/Reinstalled wires/Load restored	3200 block of 15th Place, SE	SE	8	852	1813	9	21	1	15172	
90	135		July	23	ОН	Vegetation/Tree limb on wires/Permanent repairs made/Feeder tripped /Load restored	53rd Street n/o B Street, SE	SE	7	1415	1438	0	23	751	372	
90	136		July	23	ОН	Weather/Lightning/Tap burned off/Wires down/ Remade	Vicinity of Howard Road and Firth and	SE	8	49	548	4	59	2198	15176	1517
90	137			23	ОН	tap/Reinstalled wires/All load restored Vegetation/Tree limb on wires/Feeder tripped /Removed tree	Sterling Avenue, SE Ridge Road se/o Ely Place, SE	SE	7	728	934	2	6	240	380	
			July	1		limb/Load restored Motor vehicle/Wires down/Feeder tripped/ Permanent repairs	4300 block of Texas Avenue, SE									
90	138		July	23	ОН	made/All load restored		SE	7	1146	1412	0	23	240	380	
	139	DC18-36	July	25	UG	Equipment failure/Cable failure/Feeder tripped/ Isolated fault/Made tie/Closed, restoring all load	-	NW	4	1943	2020	0	37	413	414	
91	140		July	25	UG	Load/Cable failure/Replaced six limiters in MH/Load restored Equipment failure/Cable failure/Feeder tripped/ Replaced cable/Load	500 block of 12th Street, NW D Street w/o 17th Street SF	NW	2	1203	2330	11	26	1	14562	
92	141		July	30	UG	restored Vegetation/Tree down/Poles down/Wires down /Replaced	3800 block of 52nd Avenue. NW	SE	6	126	1030	9	4	789	208	
93	142		August	3	ОН	poles/Reinstalled wires/All load restored	,	NW	3	2215	1120 (8/4)	13	5	10	144	
94	143		August	5	UG	Equipment failure/Cable failure/Fuse blew/ Isolated fault/Made tie/Replaced fuse/Load restored	39th Street and Langley Court, NW	NW	3	1446	1953	5	7	229	14150	
95	144		August	5	UG	Equipment failure/Cable failure/Temporary repairs made/Referred the UG Department for permanent repairs/Load restored	d200 block of Quincy Street, NW	NW	4	1735 (8/5)	550	12	15	4	14054	
90	144		August	3	00			1444	-	1733 (6/3)	550	12	15	*	14034	
96	145		August	7	ОН	Vegetation/Tree limbs/Wires down/Removed tree limb/Permanent repairs made/Load restored	3000 block of Davenport Street, NW	NW	3	1607 (8/7)	112	9	5	1	14135	
96	146		August	8	ОН	Animal/Squirrel/Fuse blown/Replaced animal guard/Replaced fuse/Restoring all load	1st and P Street, SW	sw	6	638	900	2	22	138	16001	
97	147		August	9	UG	Equipment Failure/Fuse blown/C phase elbow blown/Replaced	8th Street and I Street, NE	NE	6	802	2026	12	24	663	14787	
			J			module/Restoring load Equipment failure/Feeder tripped/Found animal guards	15th Place n/o Alabama Avenue, SE									-
97	148		August	9	ОН	damaged/Tap burned in clear/Remade tap/ Closed, restoring all loa	d	SE	8	650	731	0	41	1,121	15177	
97	149		August	9	ОН	Animal/Squirrel/Fuse blown/Replaced animal guard/Replaced	Corcoran Street n/o Mount Olivet Road, NE	NE	5	640	911	2	31	113	15701	
97	150		August	9	ОН	fuse/Restoring all load Unknown/ Patrolled feeder no fault found/Closed, Load restored	49th Street and Nash Street, NE	NE	7	1624	1704	0	40	487	14717	
98	151		August	10	ОН	Employee/Equipment failure/Fuse blown/Flash guard found melted due to improperly closed cutout/Replaced cutout/Replaced	4th Street and Rhode Island Avenue, NW	WN	5	2300	0032 (8/11)	1	32	109	14009	
						fuse/Restoring all load	FFOO block of Marchael Device and MIM				(0,)	·				
99	152		August	13	ОН	Weather/Lightning/Wires down/ACR tripped/ Feeder opened/Permanent repairs made/ Restoring all load	5500 block of MacArthur Boulevard, NW	NW	3	1647	2219	5	32	971	14767	
100	153		August	15	ОН	Equipment failure/Wires down/Feeder tripped /Isolated fault/Closed restoring all load	,3200 block of Pennsylvania Avenue, SE	SE	7	1656	1753	0	57	135	118	
101	154		August	16	UG	Equipment failure/Transition joint blown/Feeder tripped/Permanent	Unit block of E Street, NW	NW	6	1311	1716	4	5	662	14786	
101			August	16	UG	repairs made /Closed, restoring all load see above	see above	NW	5	1311	1716	4	5	540	14786	
101			August	16	UG	see above Employee/Dig in/Contractor moved and damaged cable/Permanen	see above South Capitol Street and Firth and Sterling	NW	2	1311	1716	4	5	25	14786	
102	155		August	17	UG	repairs made/Replaced fuse/ Restoring all load	Avenue, SE	SE	8	1130	1939	8	9	1	15176	
103	156		August	19	ОН	Equipment failure/Wires down/Feeder opened /Wire burnt in sleeve		NW	3	712	930	2	18	1009	14767	
						Permanent repairs made/Closed, restoring all load Equipment failure/Cable fault/Fuse blown/Isolated fault/Made	Avenue, NW Harvard Street and Sherman Avenue, NW	NW								
104	157		August	20	UG	tie/Load restored Equipment failure/Cable failure/Feeder tripped/ Permanent repairs			1	1847	2229	3	42	183	14729	
104	158		August	20	UG	made/All load restored		NW	2	1820	0500 (8/21)	10	40	9	38	
105	159		August	21	UG	Equipment failure/Multiple cable faults/Fuses blown/Isolated faults/Made tie/Replaced fuses /Load restored	Colombia Road and Georgia Avenue, NW	NW	1	735	0533 (8/22)	22	18	562	15986	1472
105	160		August	21	ОН	Weather/Lightning/Transformer failed/Replaced transformer/Restoring all load	Sycamore Road and Central Avenue, NE	NE	7	2014	0435 (8/22)	8	21	22	369	
105	161		August	21	ОН	Equipment failure/Device opened/Found tap burned off/Permanent	53rd Street and Bass Place, SE	SE	7	1957	1037 (8/22)	14	40	14	14809	
105	162		August	21	ОН	repairs made Equipment failure/Service connection failed/ Replaced service	4600 block of 47th Street, NW	NW	3	1659	653 (8/22)	13	54	1	308	
			-			connection/Restoring load Weather/Wire down/Switch opened/Reinstalled wire/Restored all	Greene Place and MacArthur Boulevard,									
106	163		August	25	ОН	load	NW 13th Street s/o Kearny Street, NE	NW	3	1901	2223	3	22	598	15801	
107	164		August	26	ОН	Animal/Squirrel on Chanel Riser/Feeder tripped/ Isolated fault/Closed, Restoring all load	• .	NE	5	649	758	1	9	586	14007	
108	165		August	27	ОН	Vegetation/Tree down/Pole broken/Fuse blown/ Replaced pole/Replaced fuse/Restoring all load	Rodman Street nw/o 49th Street, NW	NW	3	1851 (8/26)	456	10	5	25	144	
108	166		August	27	UG	Equipment failure/Cable failure/Fuse blown/ Isolated fault/Replaced fuse/Load restored	16th Street e/o Riggs Place, NW	NW	2	1119	1725	6	6	445	15764	
					<u> </u>	Vegetation/Tree down/Pole broken/Cross arms broken/Wires	44th Street and Garfield Street, NW								l .	
108	167		August	27	ОН	down/Fuses opened/Replaced pole/Replaced cross arms/Reinstalled wires/Restoring all load		NW	3	1135	0110 (8/28)	13	35	14	132	
109	168		August	28	UG	Equipment failure/Transformer failed/Replaced transformer/Load	4300 block of Arkansas Avenue, NW	NW	4	1417	0001 (8/29)	9	43	1	15015	
109	169		August	28	UG	restored Equipment failure/Module failed/Fuse blown/ Replaced	16th Street e/o Riggs Place, NW	NW	2	2256	0356 (8/29)	5	0	455	15764	
						module/Replaced fuse/Load restored Equipment failure/Switch burned/Permanent repairs made/Restoring	10th Street e/o Franklin Street. NE									
110	170		August	29	ОН	Equipment failure/Transformer failed/Fuse opened /Replaced	16th Street e/o Riggs Place, NW	NE	5	1808	1921	1	12	726	14009	
110	171		August	29	UG	transformer/All load restored		NW	2	433	857	4	23	455	15764	
	#	of Outage	s	171			Customers Affected							85,857		

Attachment 1-2

						2018 Non-Major Outage Reporting to the Pub	IIC GELVICE COMMISSION OF THE DISTRICT O		<u></u>							
Report Sequence Number	Outage Sequence Number	Manhole Sequence Number*	Month	Day of Outage	OH or UG	Outage Cause/ Incident Description	Location	Quadrant	Ward	Time of Outage/ Incident	Actual Restoration Time	Durati Outage / m	Hours	Max No. of Cust. Affected	Feeder No.	Feeder No.
1	1	Number	January	4	ОН	Weather/Wind/Wires down/Replaced Wires/Restoring all load	Darrington Street e/o 6th Street, SE	SE	8	2046	0544 (1/5)	8	58	2	183	110.
1	2		January	4	ОН	Equipment failure/Cable fault/Transformer failed/ Replaced cable	Naylor Road n/o Gainesville Street, SE	SE	7	1425	0100 (1/5)	10	35	1	15173	
2	3		January	5	UG	and transformer/All load restored Equipment failure/Transformers failed/Temporary repairs	5th Street and M Street, NW	NW	6	651	234	19	43	202	15206	
1/01/18 -	1/06/18	# of Ou	itanos	3										205		
		# 01 01								stomers Affe						
3	5		January January	7 8	OH	Load/Blown fuse/Replaced fuse/Restored all load Animal/Squirrel/Fuse blown/Replaced fuse/All load restored	61st Street and Clay Street, NE 12th Street s/o Savannah Street, SE	NE SE	7	346 1051	524 1145	1 0	38 54	128 103	366 15175	
5	6		January	9	UG	Cable cut/Fuse blown/isolated fault/Made tie/ Restored load See Above	13th Street n/o Q Street, NW	NW	1	1043	1854	8	11	85	15204W	15207W
5			January January	9	UG	See Above See Above	13th Street n/o Q Street, NW 13th Street n/o Q Street, NW	NW	6	1043 1043	1854 1854	9	11	212 128	15204W 15204W	15207W 15207W
5	7		January	9	UG	Equipment failure/Cable fault/Feeder tripped/ Isolated fault/Made	South Capitol Street, SE n/o R Street, SW	sw	6	1030	1254	2	24	1229	16000	
6	8		January	10	ОН	tie/Restored load Motor Vehicle/Pole broken/Feeder tripped/Isolated fault/Restored	Half Street s/o Water Street, SW	SW	6	1142	1243	1	1	1650	16001	
7	9		January January	12	OH	Equipment failure/Wires down/Feeders tripped/Reinstalled See above	Blair Road and Oglethorpe Street, NW See above	NW	4 5	437 437	10337 1037	6	0	1525 1,444	15014	15013 15013
7	10		January	12	OH	Equipment failure/Switch opened/Tap burned off regulator/Isolated		NE	5	1142	15001	3	19	466	15014 15013	13013
1/07/18 -	1/13/18	# of Ou	utages	7					Cu	stomers Affe	cted			6970		
8	11		January	15	UG	Equipment failure/Cable failure/Permanent repairs made to	Randolph Place s/o 1st Street, NW	NW	5	46	57	0	10	125	14004	
9	12		January	18	UG	Equipment failure/Cable fault/Blown URD slip on/ made new slip	15th Street and Pennsylvania Avenue, SE	SE	6	1821	220 (1/19)	7	59	205	227	
9	13		January	18	UG	Equipment failure/Fuse blown/Corroded fuse holder found in trans Motor Vehicle/Pole broken/Wires down/Replaced pole/Reattached	-	NE	5	1128	1810	6	42	128	15094	<u> </u>
10	14		January	20	ОН	wires/All load restored	ministrative and real real real real real real real real	SE	7	1815	2350	5	36	240	479	
1/14/18 -	1/20/18	# of O	utages	4					Cu	stomers Affe	cted			698		
11	15		January	25	UG	Equipment failure/Cable failure/Found cable burned at duct	Neal Street sw/o Montello Avenue, NE	NE	5	616	1316	7	0	100	14712	
1/21/18 -	2/27/19	# of Or	itager		\perp			ĻΞ	_	stomers Affe	etod			100		<u> </u>
1/21/18 -	-41110	# 01 01	rayes	1	L	<u> </u>		L	- Cu	otomers Affe	cieu	L	L	100		
12	16		January	29	ОН	Equipment failure/Feeder tripped/Regulator failed /Isolated regulator/Made tie/Load restored	Allison Street and Iowa Avenue, NW	NW	4	505	735	2	30	1369	15197	
13	17		February	3	ОН	Motor Vehicle/Pole broken/Fuses blown/Tie made/ Replaced	Naylor Road, SE n/o Denver Street, SE	SE	8	341	618	2	36	421	15173	
		<u> </u>	,			fuses/Load restored/Referred to OH for permanent repairs		L				Ŀ			.5.75	
1/28/18 -	2/03/18	# of Ot	ıtages	2				F	Cu	stomers Affe	cted			1790		H
14	18		February	4	UG	Equipment failure/Cable fault/Replaced cable/All load restored	18th And Vernon Street, NW Rodman Street w/o Tilden Street, NW	NW	1	1903	354 (2/5)	8	51	11	14736	
14	19	<u> </u>	February	4	ОН	Equipment failure/Feeder tripped/Blown pothead/Replaced pot head/Load restored	,	NW	3	1616	0100 (2/5)	8	44	273	144	
15	20		February	6	UG	Equipment failure/Transformer failed/Fuse blown /Replaced Transformer/Replaced fuse/All load restored	8th and G Streets, SE	SE	6	1257	1827	5	3	223	16002	
2/04/18 -	2/10/18	# of O	itages	3					Cu	stomers Affe	cted			507		
16	21		February	12	UG	Equipment failure/Cable failure/Switch opened /Isolated fault/Mad- tie/All load restored	Van Ness Street, and Wisconsin Avenue, NW	NW	3	1257	1454	1	57	494	309	
17	22		February	14	UG	Employee/Bus tripped/Employee inadvertently tripped a 13kV	12th and Irving Streets, NE	NE	5	942	953	0	12	3225	14008	
17			February	14	UG	Bus/The Breaker was closed all load restored See above	See above	NE	1	942	953	0	12	345	14008	
17	23		February	14	UG	Equipment failure/Feeder tripped/Stof box failed/Isolated stof box/Temporary repairs made/Load restored	14th Street, SE n/o K Street, SE	SE	6	2025	0347 (2/15)	7	22	445	212	
						box/remporary repairs made/coad restored										
2/11/18 -	2/17/18	# of O	itages	3					Cu	stomers Affe	cted			4509		
18	24		February	18	UG	Equipment failure/Transformer failed/Fuse Blown/ Replaced transformer/Replaced fuse/Load restored	Massachusetts Avenue e/o Warren Street, NW	NW	3	907	0044 (2/19)	15	37	3	14766	
19	25		February	19	UG	Equipment failure/Cable failure/Temporary repairs made/Load restored	4th and G Street, SE	SE	6	1032	2100	10	28	1	16003	
19	26		February	19	ОН	Unknown/Blown fuse/Patrolled feeder no cause found/Replaced	Rhode Island Avenue and Franklin Street, NE	NE	5	818	951	1	33	142	14014	
						fuse/Load restored Equipment failure/Recloser tripped/Cable fault in riser/Isolated	16th Street and Kalmia Road, NW									
20	27		February	20	OH	fault/Closed, all load restored Equipment failure/Cable failure/Replaced cable/Load restored	3200 block of N Street. NW	NW	2	1551	1659	1 8	8	1593	15199	<u> </u>
21	28 29	DC18-12	February February	20	UG	Motor vehicle/Three poles broken/Poles replaced/Load restored	South Dakota Avenue, and Bladensburg Road, NE		5	2007 750	0500 (2/21) 2349	15	53 59	44	14555 14016	
22	30		February	22	UG	Equipment failure/Module failed/Fuse blown/ Repaired	300 block of D Street, NE	NE	6	1252	1444	1	52	138	14787	
						module/Replaced fuse/Load restored Motor Vehicle/Pole struck/Wires down/Fuse blown/Isolated	Mississippi Avenue, SE and Wayne Place, SE	_								
23	31		February	23	ОН	damage/Replaced fuse/Load restored	·	SE	8	2234	2341	1	7	158	14755	
2/18/18 -	2/24/18	# of O	ıtages	8					Cu	stomers Affe	cted			2082		
2/25/18 -	3/03/18	# of O	ıtages	0					Cu	stomers Affe	cted			0		-
24	32		March	7	ОН	Equipment failure/Wires down/Feeder tripped/ Permanent repairs made/Load restored	Danbury Street e/o Martin Luther King Jr. Avenue, SW	'sw	8	328	549	2	21	2,156	14758	
24	33		March	7	ОН	Weather/Wind/Wire down/Replaced service wire/Load restored	Macomb Street w/o 36th Street, NW	NW	3	720	1606	8	46	1	101	
3/04/18 -	3/10/18	# of Ot	utages	2					Cir	stomers Affe	cted			2157		
		5. 51				Equipment failure/Wire down/ Recloser Tripped/ Cut in	200 block of V Street, SW									
25	34		March	17	ОН	clear/Closed, load restored	·	SW	6	1052	1230	1	33	1634	16001	
25	35	<u> </u>	March	17	UG	Equipment failure/Fuse blown/Cable fault/ Isolated cable fault/Loa restored	1300 DIOCK OF BIAGENSDURG KOAD, NE	NE	5	1246	1537	2	51	183	15703	<u></u>
3/11/18 -	3/17/18	# of Ou	utages	2	ŧΞ			E	Cu	stomers Affe	cted			1817		
26	36		March	24	ОН	Motor vehicle/Pole broken/Transformer damaged/ Replaced	Ridge Road, SE n/o G Street, SE	SE	7	415	1257	8	42	9	451	
				24	UH	pole/Replaced transformer		oE.				0	42	y	401	
3/18/18 -	3/24/18	# of O	utages	1					Cu	stomers Affe	cted			9		
27	37		March	25	UG	Equipment failure/Cable failure/Duct damaged/ Isolated	Florida Avenue, NW e/o 14th Street, NW	NW	1	1055	1930	8	35	1	15761	
28	38		March	27	UG	fault/Temporary repairs made Equipment failure/Protector failed/Crew checked for safety/Feeder	9th Street and D Street, NW	NW	2	403	440	0	37	119	14574	
					-	closed and held/All load restored Equipment failure/Cable failure/Isolated fault/Made tie/Load	Ellicott Street, NW e/o Connecticut Avenue, NW	-								
29	39		March	30	UG	restored		NW	3	757	939	1	42	907	14135	-
30	40	<u> </u>	March	31	UG	Equipment failure/Cable failure/Isolated fault/Made tie/Load restored	24th Place, NE w/o Bladensburg Road, NE	NE	5	904	1301	1	27	342	14019	<u></u>
3/25/18 -	3/31/18	# of Ou	utages	4	\vdash			H	Cu	stomers Affe	cted			1369		
						Wind/Wires wrapped together/Feeder tripped /unwrapped										-
31	41		April	4	ОН	wires/Load restored	4700 block AND 4800 block of 4th Street, NW	NW	4	1417	1539	1	22	1,641	15003	489
31	42	L	April	4	ОН	Wind/Wires wrapped together/Feeder tripped /unwrapped wires/Load restored	4700 block AND 4800 block of 4th Street, NW	NW	4	1620	1655	0	35	1666	15003	L
31	43		April	4	ОН	Wind/Wires wrapped together/Feeder tripped /unwrapped wires/Installed space savers/Load restored	4700 block AND 4800 block of 4th Street, NW	NW	4	1744	1912	1	28	1503	15003	
32	44		April	5	ОН	Employee/Pole down/Wires down/Fuse blown /Isolated downed	1700 block of Hamilton Street, NE	NE	5	1149	1304	1	15	141	14014	
32	44		rapill .	٥	UH	wires/Replaced fuse/Load restored		INE	Ü	1149	1304	-	10	1401	14014	-
4/01/18 -	4/07/18	# of O	utages	4					Cu	stomers Affe	cted			4951		
20	45		Ameil		C	Equipment failure/Feeder tripped/B phase cutout	1300 block of Bladensburg Road, NE	h		440	Enn	_		400	15700	
33	45		April	11	ОН	defective/Replaced cutout/Load restored	- '	NE	5	410	530	2	15	183	15703	
4/08/18 -	4/14/18	# of O	utages	1					Cu	stomers Affe	cted			183		
0:	4-			H		Equipment failure/Fuse blown/Cable fault/Isolated fault/replaced	19th Street and M Street, NE	<u> </u>		40	44			0	4	<u> </u>
34	46		April	16	UG	fuse/Load restored		NE	5	1037	1452	4	15	211	15703	Ь—
34	47	<u> </u>	April	16	ОН	Foreign contact/Fuse blown/Cross arm brace contacted fuse/Replaced fuse/Load restored	13th Street and Hamilton Street, NE	NE	5	256	505	2	9	191	15198	
35	48		April	17	UG	Cable cut/Fuse blown/Isolated fault/Made tie/Load restored	9th Street and G Street, SE	SE	6	1200	1419	2	19	279	16002	L

						2018 Non-Major Outage Reporting to the Pub	iic Service Commission of the District of	COI	umbia							
Report Sequence Number	Outage Sequence Number	Manhole Sequence Number*	Month April	Day of Outage	HO OH or UG	Outage Cause/ Incident Description Vegetation/Tree on wires/Poles broken //Transformer	Location 29th Street s/o Military Road, NW	Z Quadrant ≤	Ward 4	Time of Outage/ Incident	Actual Restoration Time 0830 (4/20)	Durati Outage / m	Hours	Max No. of Cust. Affected	Feeder No.	Feeder No.
37	50		April	21	UG	failed/Replaced poles/ Replaced transformer Equipment failure/Cable failure/Blown fuse /Isolated fault/Made	3000 block of Gentain Court, NE	NE	5	736	1125	3	49	103	14200	
						tie/Load restored										
4/15/18 -	4/21/18	# of Ou	tages	5					Cus	tomers Affe	cted			796		
38	51		April	24	UG	Equipment failure/Transformer failed/Blown fuse /Isolated Transformer/Replaced fuse/Load restored	300 block of Bryant Street, NW	NW	1	253	306	0	13	730	15769	
38	52 53		April April	24 26	UG	Unknown/Fuse blown/Replaced fuse/All load restored Equipment failure/Transformer failed/Blown fuse /Replaced	1800 block of Belmont Road, NW 3200 block of Hiatt Place, NW	NW	5	1455 150	2105 800	5 6	10	446 282	14732	
						transformer/Replaced fuse/Load restored										
4/22/18 -	4/28/18	# of Ou	tages	3					Cus	tomers Affe	cted			1458		
40	54		May	2	UG	Equipment failure/Module failed/Elbow blown/ Fuse blown /Replaced module, elbow and fuse /Load restored	19th Street and Kalorama Road, NW	NW	1	1611	2249	6	38	346	14733	
41	55		May	3	UG		Stanton Terrace SE n/o Frederick Place, SE	SE	8	1011	1327	3	16	115	15170	
42	56		May	4	ОН	Foreign contact/Balloons/Feeder tripped/Removed balloons/Closed, Load restored	16th and U Street, SE	SE	8	1945	2000	0	15	350	177	
42	57		May	4	UG	Equipment failure/Cable failure/Fuse blown/ Isolated fault/Made tie/Load restored	Between 300 block of Manor Place and Luray Place, NW	NW	1	1000	1425	4	25	242	14057	
43	58		May	4	UG	Equipment failure/STOF box failed/Fuse blown/ Isolated STOF box/Replaced fuse/Restoring all load	Talbert Street and Martin Luther King Jr. Avenue, SE	SE	8	2051 (5/4)	715	10	24	52	56	
43	59		May	5	ОН	Equipment failure/Cable failure/Feeder tripped/ Fuse blown/Isolated fault/Made tie/Replaced fuse/Load restored	4200 block of 40th Street, NW	NW	3	143	425	2	42	491	90W309	
4/29/18 -	5/05/18	# of Ou	tages	6					Cus	tomers Affe	cted			1596		
44	60		May	6	UG	Equipment failure/Cable fault/Fuse blown/Isolated fault/Load	15th Place and Stanton Road, SE	SE	8	956	1230	2	34	256	15170	
45	61		May	7	ОН		3100 block of Pennsylvania Avenue, SE	SE	7	1659	1959	3	0	449	118	
45	62		May	7	UG	cross arm/Restored all load Equipment failure/Fuse blown/Module and elbow failed/Replaced	1800 block of 19th Street, NW	NW	6	1353	1817	4	24	234	118 15204R	
45	J.E		May	7	UG	module and elbow/Load restored See above	See above	NW	1	1353	1817	4	24	48	15204R	
46	63		May	10	ОН	Animal/Squirrel/Feeder tripped/Permanent repairs made/Load restored	12th Street and Monroe Street, NE	NE	5	720	841	1	21	297	14015	
5/06/18 -	5/12/18	# of Ou	tages	4					Cus	tomers Affe	cted			1284		
47	64		May	13	UG	Equipment failure/Transformer failed/Fuse blown/ Replaced transformer/Replaced fuse/Load restored	2200 block of Adams Place, NE	NE	5	1141	1953	8	12	3	14093	
48	65		May	14	ОН	Weather/Wind/Feeder tripped/Wires wrapped together/Unwrapped wires/Closed, Load restored	Brentwood road w/o 13th Street, NE	NE	5	1920	1953	0	33	512	14023	
48	66		May	14	ОН	Weather/Lightning/Fuse blown/Replaced fuse/ Load restored	14th Street and Downing Street, NE	NE	5	2202	2252	0	50	148	14008	
49	67		May	15	UG	Equipment failure/Cable fault/Fuse blown/ Isolated fault/Replaced fuse/ Load restored	Bruce Place, SE e/o 12th Place, SE	SE	8	1635	1743	1	8	122	15172	
50	68		May	16	UG	Equipment failure/Transformer failed/Replaced transformer/All loa restored	114th and K Streets, SE	SE	6	1308	1735	4	27	169	227	212
50	69		May	16	UG	Equipment failure/Cable fault/Fuse blown/Isolated fault/Replaced fuse/ Load restored	Lamont Street and Sherman Avenue, NW	NW	1	428	650	2	22	364	14729	
51	70		May	18	ОН	Vegetation/Tree down/Wires down/Two Poles broken/Replaced poles/All load restored	4500 block of Dexter Street, NW	NW	3	607	1713	11	6	24	132	
52	71		May	19	ОН	Vegetation/Trees on wire/Fuse blown/Removed trees/Permanent repairs made/All load restored	Overlook Road n/o Overlook lane, NW	NW	3	634	1811	11	37	7	64	
52	72		May	19	ОН	Equipment failure/Blown Branch Joint/Feeder tripped/Isolated fault/Closed, Load restored	Massachusetts Avenue at Nebraska Avenue, NW	NW	3	549	819	2	30	1104	14132	
52	73		May	19	ОН	Vegetation/Trees on wire/Feeder tripped/Removed trees/Closed, a load restored	4th Street and Lincoln Road, NE	NE	5	13	142	1	29	1,447	14200	
53	74		May	19	UG	Equipment failure/Cable fault/Blown fuse/Duct line damaged/Temporary repairs made/Load restored	Irving Street w/o North Capitol Street, NW	NW	5	1740 (5/19)	1158	18	18	1	14200	
5/13/18 -	5/19/18	# of Ou	tages	11					Cus	tomers Affe	cted			3901		
							Stanton Terrace w/o 15th Place, SE									
53	75 76		May	20	UG	load/Referred to the URD Department for permanent repairs Equipment failure/Cable fault/Replaced cable /Load restored	16th Street and Meridian Place, NW	SE	8	1540 1458 (5/21)	1802	10	7	371	15170 15992	
54	77		May	22	ОН	Weather/Lighting/Fuse blown/Pole on fire/ Permanent repairs made/Replaced fuse/Load restored	Underwood Place e/o 1st Street, NW	NW	4	1641	1802	1	21	494	15200	
54	78		May	22	ОН	Vegetation/Tree on Wires/Switch opened/Wires wrapped/C phase of insulator/Removed tree/ Unwrapped wires/Replaced C	14th Street and Rittenhouse Street, NW	NW	4	1823	1906	0	43	680	15021	
55	79		May	23	ОН	Vegetation/Tree on wire/Feeder tripped/Fuse blown/Replaced fuse/Made tie/All load restored	2800 block of Albemarle Road, NW	NW	3	1202	1509	3	7	315	14133	
55	80		May	23	ОН	Vegetation/Wire down due to tree limb/Feeder tripped/Replaced wire/Closed, load restored	14th Street and Rittenhouse Street, NW	NW	4	1107	1441	3	34	2,215	15021	
55	81		May	23	UG	Equipment failure/Cable fault/Fuse blown/ Replaced fuse/Made tie/Restoring all load	3700 block of 39th Street, NW	NW	3	413	737	3	21	248	14136	
56	82		May	25	ОН	Vegetation/Tree down/Wires down/Feeder tripped/Reinstalled wires/ Restoring all load	2300 block of Savannah Street, SE	SE	8	916	924	0	8	1,838	15173	
56	83		May	25	UG	Equipment failure/Cable failure/Replaced cable/Load restored	600 block of 3rd Street, NW	NW	2	105	1748	16	43	1	15454	
56	84		May	25	ОН	Animal/Squirrel/ACR Burned/Isolated ACR/Made tie/Load restored	Martin Luther King Jr. Avenue and Blue Plains Drive, SE	SE	8	1116	1218	1	2	389	14758	
5/20/18 -	5/26/18	# of Ou	tages	10					Cus	tomers Affe	cted			6578		
57	85		May	29	UG	Equipment failure/Cable failure/Fuse blown /Isolated fault/Made tie/Restoring all load	3600 block of 38th Street, NW	NW	3	458	851	3	53	229	14150	
58	86		May	31	UG	Equipment failure/Cable fault/Fuse blown/Isolated fault/Made tie/Restoring all load	1300 block of 5th Street, NW	NW	6	310	1244	9	34	162	15204W	
58	87		May	31	ОН	Tequipment failure/Feeder tripped/Recloser tripped /Fuses blown/Cable fault/Isolated fault/Made tie /Closed, restoring all load	1300 block of Tewkesbury Place, NW	NW	4	454	747	2	52	2,215	15021	
	88	DC18-24	May	31	UG	Equipment failure/Cable failure/Feeder tripped/ Recloser tripped/The crew isolated the fault/ Closed, Restoring all load	Connecticut Avenue and Nebraska Avenue, NW	NW	3	718	1313	5	55	476	14135	
59	89		June	2	ОН	Animal/Squirrel/Feeder tripped/Closed, restoring all load/Referred to OH to replace animal guards	1300 block of Irving Street, NW	NW	5	832	907	0	35	2209	14014	
5/27/18 -	6/02/18	# of Ou	tages	5		, 9		H	Circ	tomers Affe	cted			5291		
		5. 50			e	Equipment failure/Wire down/Connection burned/ Feeder	4900 block of Nash Street, NE					_				
60	90		June	3	OH	tripped/Reinstalled wire/Load restored Unknown/Fuse blown/NO cause found/Replaced fuse/Restored al		NE	7	657	865	1	58	2333	14717	
61	91		June	4	OH	load Equipment failure/Service cable burned/Replaced service cable/A	·	SE	8	641	936	2	55	122	15175	
61	92		June	4	UG	load restored Equipment failure/Cable Fault/Isolated fault/Made tie/Restoring all		NW	2	1552	0313 (6/5)	11	21	1	15996	
62	93		June	5	UG	load Equipment failure/meter/Found meter removed and pie	2900 block of 2nd Street, SE	NE	5	309	428	1	19	104	14200	
62	94 95		June June	5 7	OH UG	plated/Referred to the Meter Department to install new meter Cable cut/Cable and duct damaged/Permanent repairs made	4th Street and N Street, NW	SE	8	904 1452	1806 2335	9	2 43	2	15166 14401	
64	96		June	8	UG	Equipment failure/Cable failed/Blown fuse/Isolated fault/All load restored	Vicinity of Quebec Place, NW and Spring Road, NW	NW	1	154	638	4	44	38	14054	
64 65	97		June June	8	UG OH	See above Animal/Bird/ACR tripped/Wires down/Tie made/Load restored	See above South Dakota Avenue and Buchanan Street, NE	NW NE	5	154 1151	638 1441	4	44 50	209 981	14054 14015	
65	98		June	9	ОН	Foreign contact/Balloons/Feeder tripped/ Permanent repairs made/All load restored	Benning Road w/o 36th Street, NE	NE	5	1913	2239	3	26	22	15710	
65			June	9	ОН	See above	See above	NE	7	1913	2239	3	26	2,171	15710	
6/03/18 -	6/09/18	# of Ou	tages	9					Cus	tomers Affe	cted			5984		
66	99		June	10	ОН	Equipment failure/Regulator failed/Isolated regulator/All load restored	Connecticut Avenue and Quincy Street Chevy Chase MD (Note: feeder crosses jurisdictional	NW	4	853	944	0	51	347	14896	
67	100		June	11	ОН	Vegetation/Pole broken/Replaced pole/Permanent repairs made/A load restored	2/th Street s/o/ Military Road, NW	NW	4	1019	1948	9	29	10	133	
					_			_							-	

						2018 Non-Major Outage Reporting to the Public										
Report Sequence	Outage Sequence	Manhole Sequence	Month	Day of Outage	OH or UG			uadrant		Time of Outage/	Actual Restoration	Durati Outage	Hours	Max No. of Cust.	Feeder	Feeder
Number 68	Number 101	Number*	June	12	ОН	Outage Cause/ Incident Description Vegetation/Tree limb/Wires down/Feeder tripped Reinstalled 3	Location 39th Street n/o Fulton Street, NW	o NW	Ward 3	Incident 725	Time 921	/ m	in 56	Affected 1372	No. 14136	No.
						wires/Restoring all load Equipment failure/Cable failed/Replaced cable/All load restored 1	6th Street and Floral Street, NW									-
69	102		June	13	UG		Franklin Street and Rhode Island Avenue NF	NW	4	331	1333	10	2	7	15199	
69	103		June	13	ОН		-ranklin Street and Knode Island Avenue, NE	NE	5	640	936	2	56	141	14014	
70	104		June	15	UG	Equipment failure/Cable failure/Fuse blown/ Isolated fault/Made tie/All load restored	5th Place ne/o Congress Place, SE	SE	8	642	9188	2	36	124	15170	
6/10/18 -	C/AC/AD	# of Ou		6					C	stomers Affe	ata d			2001		
0/10/10	0/10/10	#0100	lages	Ů					Cue	Stolliers Alle	cteu			2001		
71	105		June	17	UG	Equipment failure/Cable failure/Feeder tripped/ Isolated fault/Load Frestored	Far East lane of I-395N in the 14th Street Bridge	sw	2	1145	0408 (6/16	16	23	28	233	
72	106		June	18	ОН	Vegetation/Tree down/Transformer damaged/ Fuse blown/Replaced transformer and fuse/ Restoring all load	5300 block of 27th Street, NW	NW	4	720	1525	8	5	12	133	
72	107		June	18	ОН	Unknown/Recloser tripped/Closed, ACR/ Restoring all load	Bladensburg Road sw/o 37th Avenue, NE	NE	5	1345	1450	1	5	1039	14016	
73	108		June	20	ОН	Vegetation/Tree limbs/Wire down/Feeder tripped/ Reinstalled wire Restoring all load		SE	7	1950	2109	1	19	438	99	
74	109		June	21	ОН	Equipment failure/Cable failure/Fuse blown /isolated fault/Load restored	1600 bock of Layman Place, NE	NE	5	1248	1533	2	45	298	15703	
75	110		June	23	UG	Equipment failure/Cable fault/Fuse blown /Isolated fault/Closed 1	11th Street and O Street, NW	NW	2	552	857	3	5	197	15204R	
	110		ouno			tie/Replaced fuse/Load restored				002	001		_	107	1020411	
6/17/18 -	6/23/18	# of Ou	tages	6					Cus	stomers Affe	cted			2012		
76	111		June	24	UG		5th Street and Neal Place, NE	NE	5	1458	2350	8	52	24	14786	
76	112		June	24	ОН		Riggs Road and Berkshire Drive Hyattsville MD	NE	5	759	906	1	7	642	15264	
							Note: feeder crosses jurisdictional lines) 10th Place and W Street, NW			- ''						
77	113		June	28	ОН	fuse/Restoring all load Equipment failure/Cable failure/Fuses blown /Isolated 2	21st Street and Maryland Avenue, NE	NW	3	1139	1314	1	35	132	14132	-
78	114		June	29	UG	fault/Replaced fuses/All load restored		NE	5	2057	0048 (6/30)	3	51	693	15702	L
	115	DC18-27	June	30	UG	Equipment failure/Cable fault/Secondary cables burned/Replaced 1 cables/All load restored	1300 block of H Street, NE	NE	6	2236	1216 (7/2)	37	36	225	14535	
6/24/18 -	6/30/18	# of Ou	itages	5	<u> </u>			Ы	Cus	stomers Affe	cted			1716		
						Equipment failure/Cable failure/Isolated fault/Permanent repairs 9	900 block of G Street, NE		6	321	1433					+
79	116		July	1	UG	made/All load restored	10th and I Streets NF	NE	5	418	936	11	12	128	15702	
79	117		July	1	UG	fault/Restoring load		NE				5	18	123	14151	
79	440		July	1	UG	See above S Equipment failure/Cable failure/Feeder tripped /Isolated 3	See above 3400 Benning Road, NE	NE	6 5	418 2219	936 2359	5	18	250	14151	
79 79	118		July	1	OH	fault/Closed, restoring all load	See above	NE NE	- 6	2219	2359	1	40	2682 171	15701 15701	
80	119		July	3	UG	Equipment failure/Cable failure/Fuse blown /Isolated fault/Made 9	Oth and P Street, NW	NW	2	813	14345	6	21	265	15207R	
80			July	3	UG		See above	NW	6	813	1434	6	21	266	15207R	
81	120		July	4	UG	Equipment failure/Cable failure/Fuse blown /Isolated fault/Made tie/Restoring all load	9th and East Capitol Streets, NW	NW	6	1728	2236	5	8	332	15875	
7/01/18 -	7/07/18	# of Ou	itages	5		-			Cus	stomers Affe	cted			4217		
						Unknown/Fuse blown/Patrolled feeder no faults found/Replaced 1	11th Place and Alabama Avenue, SE									
82	121		July	8	ОН	fuse/Restoring all load	*	SE	8	615	812	1	57	104	15175	
83	122		July	10	UG	Equipment failure/Fuse blown/Transformer failed/ Replaced transformer/Replaced fuse	15th Street and V Street, NW	NW	1	739	1745	10	6	190	15764	
83			July	10	UG	See above	See above 1200 block of 4th Street, SE	NW	2	739	1745	10	6	53	15764	
83	123		July	10	UG	failed to close/Closed switch/ restoring all load	900 block of 49th Street, NE	SE	6	1941	2000	0	19	121	16329	<u> </u>
83	124		July	10	ОН	made to tap		SE	7	1429	1443	0	14	698	15707	
83	125		July	10	ОН	all load	Kennedy Street w/o 1st Street, NE	SE	5	610	712	1	2	1873	15018	
84	126		July	10	UG	Equipment failure/Cable burned in half in Manhole/ Temporary repairs made/Referred to UG to heavy up cable	31st Street and Q Street, NW	NW	2	1702 (7/10)	114	8	12	3	15996	
85	127		July	12	ОН	Vegetation/Tree limb on wire/ACR tripped/ Removed tree limb/All load restored	25th Street n/o Alabama Avenue, SE	SE	8	1016	1025	0	9	1272	15174	
7/08/18 -	7/14/19	# of Ou	tagoe	7		iona restored			C	stomers Affe	ata d			4314		
7,00,10	771-10	# 01 Oc	luges						Out	Stolliers Alle	cteu			4514		
86	128		July	15	UG	transformer/Load restored	500 block of 25th Place, NE	NE	7	1139	1707	5	28	129	14711	
87	129		July	16	UG	Equipment failure/Cable failure/ Fuse blown/ Isolated cable fault/Replaced fuse/Load restored	2500 block of Massachusetts Avenue, NW	NW	2	115	450	3	35	115	14733	
88	130		July	17	ОН	Weather/Lightning/Blown fuse/Replaced fuse/ Closed all load restored	300 block of Taylor Street, NE	NE	5	1542	1819	2	37	154	15013	
88	131		July	17	ОН	Vegetation/Wires down/Feeder tripped/Reinstalled wires/Load	Martin Luther King Jr. Avenue and Stanton Road,	SE	8	1549	2324	7	35	1,836	15176	15177
						restored	3E									
7/15/18 -	7/21/18	# of Ou	tages	4					Cus	stomers Affe	cted			2234		
89	132		July	22	UG	fault/Replaced fuse/Restored load	300 block of E Street, NE	NE	5	25	332	3	7	178	14787	
90	133		July	23	UG	Equipment failure/Cable damaged/Replaced cable/Load restored 3	300 block of M Street, NW	NW	6	1352	2153	8	1	3	15206	
90	134		July	23	ОН	Vegetation/Tree down/Wires down/Reinstalled wires/Load restored3	3200 block of 15th Place, SE	SE	8	852	1813	9	21	1	15172	
90	135		July	23	ОН		53rd Street n/o B Street, SE	SE	7	1415	1438	0	23	751	372	
90	136		July	23	ОН	tripped /Load restored Weather/Lightning/Tap burned off/Wires down/ Remade	/icinity of Howard Road and Firth and Sterling	SE	8	49	548	4	59	2198	15176	15177
90	137					Vegetation/Tree limb on wires/Feeder tripped /Removed tree F	Avenue, SE Ridge Road se/o Ely Place, SE	SE			934			240	380	
			July	23	OH	limb/Load restored	1300 block of Texas Avenue. SE		7	728		2	6			
90	138		July	23	ОН	made/All load restored		SE	7	1146	1412	0	23	240	380	-
	139	DC18-36	July	25	UG	Equipment failure/Cable failure/Feeder tripped/ Isolated fault/Made3 tie/Closed, restoring all load		NW	4	1943	2020	0	37	413	414	
91	140		July	25	UG	Load/Cable failure/Replaced six limiters in MH/Load restored 5	500 block of 12th Street, NW	NW	2	1203	2330	11	26	1	14562	
7/22/18 -	7/28/18	# of Ou	tages	9				H	Cus	stomers Affe	cted			4025		
92	141		July	30	UG	Equipment failure/Cable failure/Feeder tripped/ Replaced cable/Load restored	Street w/o 17th Street, SE	SE	6	126	1030	9	4	789	208	
93	142		August	3	ОН	Vegetation/Tree down/Poles down/Wires down /Replaced 3	3800 block of 52nd Avenue, NW	NW	3	2215	1120 (8/4)	13	5	10	144	
			-			poles/Reinstalled wires/All load restored										
7/29/18 -	8/04/18	# of Ou	itages	2	<u> </u>			Ы	Cus	stomers Affe	cted			799		
94	143		August	5	UG	Equipment failure/Cable failure/Fuse blew/ Isolated fault/Made tie/Replaced fuse/Load restored	39th Street and Langley Court, NW	NW	3	1446	1953	5	7	229	14150	
95	144		August	5	UG	Equipment failure/Cable failure/Temporary repairs made/Referred 1 to the UG Department for permanent repairs/Load restored	1200 block of Quincy Street, NW	NW	4	1735 (8/5)	550	12	15	4	14054	
			. wyuot				2000 block of Days + Ct + """			,			, i	7	1-1034	1
96	145		August	7	ОН	Vegetation/Tree limbs/Wires down/Removed tree limb/Permanent 3 repairs made/Load restored		NW	3	1607 (8/7)	112	9	5	1	14135	
96	146		August	8	ОН	Animal/Squirrel/Fuse blown/Replaced animal guard/Replaced 1 fuse/Restoring all load	Ist and P Street, SW	sw	6	638	900	2	22	138	16001	
97	147		August	9	UG	Equipment Failure/Fuse blown/C phase elbow blown/Replaced module/Restoring load	3th Street and I Street, NE	NE	6	802	2026	12	24	663	14787	
	4					Equipment failure/Feeder tripped/Found animal guards 1	15th Place n/o Alabama Avenue, SE	-	_	057	70.				45/	
97	148		August	9	ОН	damaged/Tap burned in clear/Remade tap/ Closed, restoring all load		SE	8	650	731	0	41	1,121	15177	
97	149		August	9	ОН	fuse/Restoring all load	Corcoran Street n/o Mount Olivet Road, NE	NE	5	640	911	2	31	113	15701	
97	150		August	9	ОН	Unknown/ Patrolled feeder no fault found/Closed, Load restored 4	19th Street and Nash Street, NE	NE	7	1624	1704	0	40	487	14717	
98	151			10	ОН	Employee/Equipment failure/Fuse blown/Flash guard found melted 4 due to improperly closed cutout/Replaced cutout/Replaced	th Street and Rhode Island Avenue, NW	NW	5	2300	0032 (8/11)	1	32	109	14009	
98	101		August	10	UH	due to improperly closed cutout/Replaced cutout/Replaced fuse/Restoring all load		INVV	3	2300	UU32 (8/11)	1	32	109	14009	
8/05/18 -	8/11/18	# of Ou	itages	9	<u> </u>			Ы	Cus	stomers Affe	cted			2865		
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						zo to Non-major Outage Reporting to the 1 db										
Report Sequence Number	Outage Sequence Number	Manhole Sequence Number*	Month	Day of Outage	OH or UG	Outage Cause/ Incident Description	Location	Quadrant	Ward	Time of Outage/ Incident	Actual Restoration Time	Duration of Outage Hou / min		Max No. of Cust. Affected	Feeder No.	Feeder No.
99	152		August	13	ОН	Weather/Lightning/Wires down/ACR tripped/ Feeder opened/Permanent repairs made/ Restoring all load	5500 block of MacArthur Boulevard, NW	NW	3	1647	2219	5	32	971	14767	
100	153		August	15	ОН	Equipment failure/Wires down/Feeder tripped /Isolated fault/Closed, restoring all load	3200 block of Pennsylvania Avenue, SE	SE	7	1656	1753	0	57	135	118	
101	154		August	16	UG	Equipment failure/Transition joint blown/Feeder tripped/Permanen repairs made /Closed, restoring all load		NW	6	1311	1716	4	5	662	14786	
101			August	16	UG	see above	see above	NW	5	1311	1716	4	5	540	14786	
101			August	16	UG	see above	see above	NW	2	1311	1716	4	5	25	14786	
102	155		August	17	UG	Employee/Dig in/Contractor moved and damaged cable/Permanent repairs made/Replaced fuse/ Restoring all load	South Capitol Street and Firth and Sterling Avenue, SE	SE	8	1130	1939	8	9	1	15176	
8/12/18 -	- 8/18/18	# of Ou	tages	4					Cu	stomers Affe	cted			2334		
103	156		August	19	ОН	Equipment failure/Wires down/Feeder opened /Wire burnt in sleeve/ Permanent repairs made/Closed, restoring all load	Macarthur Boulevard n/o Cathedral Avenue, NW	NW	3	712	930	2	18	1009	14767	
104	157		August	20	UG	Equipment failure/Cable fault/Fuse blown/Isolated fault/Made tie/Load restored	Harvard Street and Sherman Avenue, NW	NW	1	1847	2229	3	42	183	14729	
104	158		August	20	UG	Equipment failure/Cable failure/Feeder tripped/ Permanent repairs made/All load restored	2400 block of E Street, NW	NW	2	1820	0500 (8/21)	10	40	9	38	
105	159		August	21	UG	Equipment failure/Multiple cable faults/Fuses blown/Isolated faults/Made tie/Replaced fuses /Load restored	Colombia Road and Georgia Avenue, NW	NW	1	735	0533 (8/22)	22	18	562	15986	14729
105	160		August	21	ОН	Weather/Lightning/Transformer failed/Replaced transformer/Restoring all load	Sycamore Road and Central Avenue, NE	NE	7	2014	0435 (8/22)	8	21	22	369	
105	161		August	21	ОН	Equipment failure/Device opened/Found tap burned off/Permanen repairs made	·	SE	7	1957	1037 (8/22)	14	40	14	14809	
105	162		August	21	ОН	Equipment failure/Service connection failed/ Replaced service connection/Restoring load	4600 block of 47th Street, NW	NW	3	1659	653 (8/22)	13	54	1	308	
106	163		August	25	ОН	Weather/Wire down/Switch opened/Reinstalled wire/Restored all load	Greene Place and MacArthur Boulevard, NW	NW	3	1901	2223	3	22	598	15801	
8/19/18 -	0/05/40	# - (0 -		8					_					2398		
8/19/18 -	- 8/25/18	# of Ou	tages	8					Cu	tomers Affe	ctea			2398		_
107	164		August	26	ОН	Animal/Squirrel on Chanel Riser/Feeder tripped/ Isolated fault/Closed, Restoring all load	13th Street s/o Kearny Street, NE	NE	5	649	758	1	9	586	14007	
108	165		August	27	ОН	Vegetation/Tree down/Pole broken/Fuse blown/ Replaced pole/Replaced fuse/Restoring all load	Rodman Street nw/o 49th Street, NW	NW	3	1851 (8/26)	456	10	5	25	144	
108	166		August	27	UG	Equipment failure/Cable failure/Fuse blown/ Isolated fault/Replaced fuse/Load restored	16th Street e/o Riggs Place, NW	NW	2	1119	1725	6	6	445	15764	
108	167		August	27	ОН	Vegetation/Tree down/Pole broken/Cross arms broken/Wires down/Fuses opened/Replaced pole/Replaced cross arms/Reinstalled wires/Restoring all load	44th Street and Garfield Street, NW	NW	3	1135	0110 (8/28)	13	35	14	132	
109	168		August	28	UG	Equipment failure/Transformer failed/Replaced transformer/Load restored	4300 block of Arkansas Avenue, NW	NW	4	1417	0001 (8/29)	9	43	1	15015	
109	169		August	28	UG	Equipment failure/Module failed/Fuse blown/ Replaced module/Replaced fuse/Load restored	16th Street e/o Riggs Place, NW	NW	2	2256	0356 (8/29)	5	0	455	15764	
110	170		August	29	ОН	Equipment failure/Switch burned/Permanent repairs made/Restoring all load	10th Street e/o Franklin Street, NE	NE	5	1808	1921	1	12	726	14009	
110	171		August	29	UG	Equipment failure/Transformer failed/Fuse opened /Replaced transformer/All load restored	16th Street e/o Riggs Place, NW	NW	2	433	857	4	23	455	15764	
8/26/18 -	8/31/18	# of Ou	tages	8					Cu	tomers Affe	cted			2707		
				1												

Attachment 1-3

						2018 Non-Major Outage Reporting to the										
Report Sequence Number	Outage Sequence Number	Manhole Sequence Number*	Month	Day of Outage	OH or UG	Outage Cause/ Incident Description	Location	Quadrant	Ward	Time of Outage/ Incident	Actual Restoration Time	Durati Outa Hours	age	Max No. of Cust. Affected	Feeder No.	Feeder No.
1	1		January	4	OH	Weather/Wind/Wires down/Replaced Wires/Restoring all load Equipment failure/Cable fault/Transformer failed/ Replaced cable	Darrington Street e/o 6th Street, SE	SE	8	2046	0544 (1/5)	8	58	2	183	-
1	2		January	4	ОН	and transformer/All load restored	Naylor Road n/o Gainesville Street, SE	SE	7	1425	0100 (1/5)	10	35	1	15173	1
2	3		January	5	UG	Equipment failure/Transformers failed/Temporary repairs made/Load restored	5th Street and M Street, NW	NW	6	651	234	19	43	202	15206	I
3	4		January	7	ОН	Load/Blown fuse/Replaced fuse/Restored all load	61st Street and Clay Street, NE	NE	7	346	524	1	38	128	366	
4 5	5 6		January January	8	OH UG	Animal/Squirrel/Fuse blown/Replaced fuse/All load restored Cable cut/Fuse blown/Isolated fault/Made tie/ Restored load	12th Street s/o Savannah Street, SE 13th Street n/o Q Street, NW	SE	8	1051 1043	1145 1854	8	54 11	103 85	15175 15204W	15207W
5			January	9	UG	See Above	13th Street n/o Q Street, NW	NW	2	1043	1854	9	11	212	15204W	15207W
5	7		January January	9	UG	See Above Equipment failure/Cable fault/Feeder tripped/ Isolated fault/Made	13th Street n/o Q Street, NW South Capitol Street, SE n/o R Street, SW	NW SW	6	1043 1030	1854 1254	8	11 24	128 1229	15204W 16000	15207W
6	8		January	10	ОН	Motor Vehicle/Pole broken/Feeder tripped/Isolated fault/Restored		sw	6	1142	1243	1	1	1650	16001	i
						load Equipment failure/Wires down/Feeders tripped/Reinstalled	Blair Road and Oglethorpe Street, NW				-					
7	9		January	12	OH	wires/Load restored		NW	4	437	10337	6	0	1525	15014	15013
7			January	12	OH	See above Equipment failure/Switch opened/Tap burned off regulator/Isolate	See above Harewood Street s/o Taylor Street, NE	NW	5	437	1037	6	0	1,444	15014	15013
7	10		January	12	ОН	fault/By-passed switch/Load restored Equipment failure/Cable failure/Permanent repairs made to	Randolph Place s/o 1st Street, NW	NE	5	1142	15001	3	19	466	15013	-
8	11		January	15	UG	cable/All load restored		NW	5	46	57	0	10	125	14004	1
9	12		January	18	UG	Equipment failure/Cable fault/Blown URD slip on/ made new slip Equipment failure/Fuse blown/Corroded fuse holder found in trans		SE	6	1821	220 (1/19)	7	59	205	227	1
9	13		January	18	UG	closure/Replaced fuse/ Restored all load		NE	5	1128	1810	6	42	128	15094	-
10	14		January	20	ОН	Motor Vehicle/Pole broken/Wires down/Replaced pole/Reattacher wires/All load restored	Minnesota Avenue se/o Nash Place, SE	SE	7	1815	2350	5	36	240	479	l
11	15		January	25	UG	Equipment failure/Cable failure/Found cable burned at duct edge/Replaced cable/All load restored	Neal Street sw/o Montello Avenue, NE	NE	5	616	1316	7	0	100	14712	I
12	16		January	29	ОН	Equipment failure/Feeder tripped/Regulator failed /Isolated	Allison Street and Iowa Avenue, NW	NW	4	505	735	2	30	1369	15197	l
						regulator/Made tie/Load restored										ĺ
		# of O	utages	16					Cu	stomers Affec	ted			9342		
13	17		February	3	ОН	Motor Vehicle/Pole broken/Fuses blown/Tie made/ Replaced	Naylor Road, SE n/o Denver Street, SE	SE	8	341	618	2	36	421	15173	i
14	18		February	4	UG	fuses/Load restored/Referred to OH for permanent repairs Equipment failure/Cable fault/Replaced cable/All load restored	18th And Vernon Street, NW	NW	1	1903	354 (2/5)	8	51	11	14736	
14	19		February	4	ОН	Equipment failure/Feeder tripped/Blown pothead/Replaced pot head/Load restored	Rodman Street w/o Tilden Street, NW	NW	3	1616	0100 (2/5)	8	44	273	144	I
15	20		February	6	UG	Equipment failure/Transformer failed/Fuse blown /Replaced	8th and G Streets, SE	SE	6	1257	1827	5	3	223	16002	I
16	21		February	12	UG	Transformer/Replaced fuse/All load restored Equipment failure/Cable failure/Switch opened /Isolated fault/Mad	eVan Ness Street, and Wisconsin Avenue, NW	NW	3	1257	1454	1	57	494	309	i
						tie/All load restored Employee/Bus tripped/Employee inadvertently tripped a 13kV	12th and Irving Streets, NE									
17	22		February	14	UG	Bus/The Breaker was closed all load restored		NE	5	942	953	0	12	3225	14008	14004
17 17	23		February February	14	UG	See above Equipment failure/Feeder tripped/Stof box failed/Isolated stof	See above 14th Street, SE n/o K Street, SE	NE SE	6	942 2025	953 0347 (2/15)	7	12	345 445	14008 212	14004
						box/Temporary repairs made/Load restored Equipment failure/Transformer failed/Fuse Blown/ Replaced	Massachusetts Avenue e/o Warren Street, NW		3	907	0044 (2/19)					
18	24		February	18	UG	transformer/Replaced fuse/Load restored	4th and G Street. SE	NW				15	37	3	14766	-
19	25		February	19	UG	Equipment failure/Cable failure/Temporary repairs made/Load restored	4th and G Street, SE	SE	6	1032	2100	10	28	1	16003	1
19	26		February	19	ОН	Unknown/Blown fuse/Patrolled feeder no cause found/Replaced fuse/Load restored	Rhode Island Avenue and Franklin Street, NE	NE	5	818	951	1	33	142	14014	I
20	27		February	20	ОН	Equipment failure/Recloser tripped/Cable fault in riser/Isolated	16th Street and Kalmia Road, NW	NW	4	1551	1659	1	8	1593	15199	Ī
	28	DC18-12	February	20	UG	fault/Closed, all load restored Equipment failure/Cable failure/Replaced cable/Load restored	3200 block of N Street, NW	NW	2	2007	0500 (2/21)	8	53	3	14555	
21	29		February	21	ОН	Motor vehicle/Three poles broken/Poles replaced/Load restored	South Dakota Avenue, and Bladensburg Road, NE	NE	5	750	2349	15	59	44	14016	I
22	30		February	22	UG	Equipment failure/Module failed/Fuse blown/ Repaired module/Replaced fuse/Load restored	300 block of D Street, NE	NE	6	1252	1444	1	52	138	14787	ı
23	31		February	23	ОН	Motor Vehicle/Pole struck/Wires down/Fuse blown/Isolated	Mississippi Avenue, SE and Wayne Place, SE	SE	8	2234	2341	1	7	158	14755	i
			,			damage/Replaced fuse/Load restored										
		# of O	utages	15					Cu	stomers Affec	ted			7519		
24	32		March	7	ОН	Equipment failure/Wires down/Feeder tripped/ Permanent repairs		sw	8	328	549	2	21	2,156	14758	
24	33		March	7	ОН	made/Load restored Weather/Wind/Wire down/Replaced service wire/Load restored	SW Macomb Street w/o 36th Street, NW	NW	3	720	1606	8	46	1	101	ĺ
25	34		March	17	ОН	Equipment failure/Wire down/ Recloser Tripped/ Cut in clear/Closed, load restored	200 block of V Street, SW	SW	6	1052	1230	1	33	1634	16001	I
25	35		March	17	UG	Equipment failure/Fuse blown/Cable fault/ Isolated cable fault/Loa	dl300 block of Bladensburg Road, NE	NE	5	1246	1537	2	51	183	15703	i
26	36		March	24	ОН	restored Motor vehicle/Pole broken/Transformer damaged/ Replaced	Ridge Road, SE n/o G Street, SE	SE	7	415	1257	8	42	9	451	í
						pole/Replaced transformer Equipment failure/Cable failure/Duct damaged/ Isolated	Florida Avenue, NW e/o 14th Street, NW									
27	37		March	25	UG	fault/Temporary repairs made	·	NW	1	1055	1930	8	35	1	15761	1
28	38		March	27	UG	Equipment failure/Protector failed/Crew checked for safety/Feede closed and held/All load restored	·	NW	2	403	440	0	37	119	14574	l
29	39		March	30	UG	Equipment failure/Cable failure/Isolated fault/Made tie/Load restored	Ellicott Street, NW e/o Connecticut Avenue, NW	NW	3	757	939	1	42	907	14135	
30	40		March	31	UG	Equipment failure/Cable failure/Isolated fault/Made tie/Load	24th Place, NE w/o Bladensburg Road, NE	NE	5	904	1301	1	27	342	14019	
						restored										
		# of O	utages	9					Cu	stomers Affec	ted			5352		
31	41		April	4	ОН	Wind/Wires wrapped together/Feeder tripped /unwrapped	4700 block AND 4800 block of 4th Street, NW	NW	4	1417	1539	1	22	1,641	15003	489
31	42		April	4	ОН	wires/Load restored Wind/Wires wrapped together/Feeder tripped /unwrapped	4700 block AND 4800 block of 4th Street, NW	NW	4	1620	1655	0	35	1666	15003	
						wires/Load restored Wind/Wires wrapped together/Feeder tripped /unwrapped										
31	43		April	4	OH	wires/Installed space savers/Load restored Employee/Pole down/Wires down/Fuse blown /Isolated downed	4700 block AND 4800 block of 4th Street, NW 1700 block of Hamilton Street, NE	NW	4	1744	1912	1	28	1503	15003	—
32	44		April	5	ОН	wires/Replaced fuse/Load restored		NE	5	1149	1304	1	15	141	14014	
33	45		April	11	ОН	Equipment failure/Feeder tripped/B phase cutout defective/Replaced cutout/Load restored	1300 block of Bladensburg Road, NE	NE	5	410	530	2	15	183	15703	l
34	46		April	16	UG	Equipment failure/Fuse blown/Cable fault/Isolated fault/replaced fuse/Load restored	19th Street and M Street, NE	NE	5	1037	1452	4	15	211	15703	
34	47		April	16	ОН	Foreign contact/Fuse blown/Cross arm brace contacted	13th Street and Hamilton Street, NE	NE	5	256	505	2	9	191	15198	
35	48		April	17	UG	fuse/Replaced fuse/Load restored Cable cut/Fuse blown/Isolated fault/Made tie/Load restored	9th Street and G Street, SE	SE	6	1200	1419	2	19	279	16002	
36	49		April	19	ОН	Vegetation/Tree on wires/Poles broken /Transformer	29th Street s/o Military Road, NW	NW	4	1509	0830 (4/20)	17	21	12	133	
37	50		April	21	UG	failed/Replaced poles/ Replaced transformer Equipment failure/Cable failure/Blown fuse /Isolated fault/Made	3000 block of Gentain Court, NE	NE	5	736	1125	3	49	103	14200	
						tie/Load restored Equipment failure/Transformer failed/Blown fuse /Isolated	300 block of Bryant Street, NW									
38 38	51 52		April April	24	UG	Transformer/Replaced fuse/Load restored Unknown/Fuse blown/Replaced fuse/All load restored	1800 block of Belmont Road, NW	NW	1	253 1455	306 2105	5	13	730 446	15769 14732	—
39	53		April	26	UG	Equipment failure/Transformer failed/Blown fuse /Replaced	3200 block of Hiatt Place, NW	NW	5	150	800	6	10	282	15991	
					E	transformer/Replaced fuse/Load restored		Ë				É	<u>ٿ</u>			
		# of O	utages	13					Cu	stomers Affec	ted			7388		
40	54		May	2	UG	Equipment failure/Module failed/Elbow blown/ Fuse blown /Replaced module, elbow and fuse /Load restored	19th Street and Kalorama Road, NW	NW	1	1611	2249	6	38	346	14733	
41	55		May	3	UG	Equipment failure/Cable fault/Fuse blown/Isolated fault/Replaced	Stanton Terrace SE n/o Frederick Place, SE	SE	8	1011	1327	3	16	115	15170	
						fuse/Referred to the URD Department for permanent repairs Foreign contact/Balloons/Feeder tripped/Removed	16th and U Street, SE									
42	56		May	4	ОН	balloons/Closed, Load restored Equipment failure/Cable failure/Fuse blown/ Isolated fault/Made	Between 300 block of Manor Place and Luray	SE	8	1945	2000	0	15	350	177	
42	57		May	4	UG	tie/Load restored	Place, NW	NW	1	1000	1425	4	25	242	14057	<u> </u>
43	58		May	4	UG	Equipment failure/STOF box failed/Fuse blown/ Isolated STOF box/Replaced fuse/Restoring all load	Talbert Street and Martin Luther King Jr. Avenue, SE	SE	8	2051 (5/4)	715	10	24	52	56	l

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Report Sequence	Outage Sequence	Manhole Sequence		Day of Outage	OH or UG			Quadrant		Time of Outage/	Actual Restoration	Duratio	ge	Max No. of Cust.	Feeder	Feeder
Number 43	Number 59	Number*	May	5	OH	Outage Cause/ Incident Description Equipment failure/Cable failure/Feeder tripped/ Fuse blown/Isola/	Location te4200 block of 40th Street, NW	o NW	Ward 3	Incident 143	Time 425	Hours 2	/ min 42	Affected 491	No. 90W309	No.
44	60		May	6	UG	fault/Made tie/Replaced fuse/Load restored Equipment failure/Cable fault/Fuse blown/Isolated fault/Load	15th Place and Stanton Road, SE	SE	8	956	1230	2	34	256	15170	
45	61		May	7	ОН	restored Vegetation/Tree down/Switch opened/Cross arm broken/Replace	ed3100 block of Pennsylvania Avenue, SE	SF	7	1659	1959	3	0	449	118	
45	62		May	7	UG	cross arm/Restored all load Equipment failure/Fuse blown/Module and elbow failed/Replaced	1 1800 block of 19th Street, NW	NW	6	1353	1817	4	24	234	15204R	
45	02		May	7	UG	module and elbow/Load restored See above	See above	NW	1	1353	1817	4	24	48	15204R	
46	63		May	10	ОН	Animal/Squirrel/Feeder tripped/Permanent repairs made/Load restored	12th Street and Monroe Street, NE	NE	5	720	841	1	21	297	14015	
47	64		May	13	UG	Equipment failure/Transformer failed/Fuse blown/ Replaced transformer/Replaced fuse/Load restored	2200 block of Adams Place, NE	NE	5	1141	1953	8	12	3	14093	
48	65		May	14	ОН	Weather/Wind/Feeder tripped/Wires wrapped together/Unwrappe wires/Closed, Load restored	edBrentwood road w/o 13th Street, NE	NE	5	1920	1953	0	33	512	14023	
48	66		May	14	ОН	Weather/Lightning/Fuse blown/Replaced fuse/ Load restored Equipment failure/Cable fault/Fuse blown/ Isolated fault/Replaced	14th Street and Downing Street, NE d Bruce Place, SE e/o 12th Place, SE	NE	5	2202	2252	0	50	148	14008	
49	67		May	15	UG	fuse/ Load restored Equipment failure/Transformer failed/Replaced transformer/All lo.		SE	8	1635	1743	1	8	122	15172	
50	68		May	16	UG	restored Equipment failure/Cable fault/Fuse blown/Isolated fault/Replaced		SE	6	1308	1735	4	27	169 364	227	212
50	69		May	16	UG	fuse/ Load restored Vegetation/Tree down/Wires down/Two Poles broken/Replaced	4500 block of Dexter Street, NW	NW	1	428	650	2	22		14729	
51	70		May	18	OH	poles/All load restored Vegetation/Trees on wire/Fuse blown/Removed trees/Permanent	,	NW	3	607	1713	11	6	24	132	
52	71		May	19	OH	repairs made/All load restored Equipment failure/Blown Branch Joint/Feeder tripped/Isolated	Massachusetts Avenue at Nebraska Avenue, NW	NW	3	634	1811	11	37	7	64	
52	72		May	19	OH	fault/Closed, Load restored Vegetation/Trees on wire/Feeder tripped/Removed trees/Closed,		NW	3	549	819	2	30	1104	14132	
52	73		May	19	ОН	load restored Equipment failure/Cable fault/Blown fuse/Duct line	· ·	NE	5	13	142	1	29	1,447	14200	
53	74		May	19	UG	Equipment failure/Cable fault/blown ruse/buct line damaged/Temporary repairs made/Load restored Equipment failure/Cable fault/lisolated fault/Made tie/Restored all	Irving Street w/o North Capitol Street, NW	NW	5	1740 (5/19)	1158	18	18	1	14200	
53	75		May	20	UG	load/Referred to the URD Department for permanent repairs	·	SE	8	1540	1802	2	22	371	15170	
54 54	76 77		May May	21	UG	Equipment failure/Cable fault/Replaced cable /Load restored Weather/Lighting/Fuse blown/Pole on fire/ Permanent repairs	16th Street and Meridian Place, NW Underwood Place e/o 1st Street, NW	NW NW	4	1458 (5/21) 1641	105 1802	10	7 21	27 494	15992 15200	
						made/Replaced fuse/Load restored Vegetation/Tree on Wires/Switch opened/Wires wrapped/C phas	e 14th Street and Rittenhouse Street, NW									
54	78		May	22	ОН	of insulator/Removed tree/ Unwrapped wires/Replaced C phase/Load restored		NW	4	1823	1906	0	43	680	15021	
55	79		May	23	ОН	Vegetation/Tree on wire/Feeder tripped/Fuse blown/Replaced fuse/Made tie/All load restored	2800 block of Albemarle Road, NW	NW	3	1202	1509	3	7	315	14133	
55	80		May	23	ОН	Vegetation/Wire down due to tree limb/Feeder tripped/Replaced wire/Closed, load restored	14th Street and Rittenhouse Street, NW	NW	4	1107	1441	3	34	2,215	15021	
55	81		May	23	UG	Equipment failure/Cable fault/Fuse blown/ Replaced fuse/Made tie/Restoring all load	3700 block of 39th Street, NW	NW	3	413	737	3	21	248	14136	
56	82		May	25	ОН	Vegetation/Tree down/Wires down/Feeder tripped/Reinstalled wires/ Restoring all load	2300 block of Savannah Street, SE	SE	8	916	924	0	8	1,838	15173	
56	83		May	25	UG	Equipment failure/Cable failure/Replaced cable/Load restored Animal/Squirrel/ACR Burned/Isolated ACR/Made tie/Load restored		NW	2	105	1748	16	43	1	15454	
56	84		May	25	OH	Equipment failure/Cable failure/Fuse blown /Isolated fault/Made	Drive, SE 3600 block of 38th Street, NW	SE	8	1116	1218	1	2	389	14758	
57	85		May	29	UG	tie/Restoring all load Equipment failure/Cable fault/Fuse blown/Isolated fault/Made	1300 block of 5th Street NW	NW	3	458	851	3	53	229	14150	
58	86		May	31	UG	tie/Restoring all load Equipment failure/Feeder tripped/Recloser tripped /Fuses	1300 block of Tewkesbury Place, NW	NW	6	310	1244	9	34	162	15204W	
58	87		May	31	ОН	blown/Cable fault/Isolated fault/Made tie /Closed, restoring all loa		NW	4	454	747	2	52	2,215	15021	
	88	DC18-24	May	31	UG	Equipment failure/Cable failure/Feeder tripped/ Recloser tripped/The crew isolated the fault/ Closed, Restoring all load	Connecticut Avenue and Nebraska Avenue, NW	NW	3	718	1313	5	55	476	14135	
		# of C	utages	35					Cu	stomers Affec	ted			16441		
						Animal/Squirrel/Feeder tripped/Closed, restoring all load/Referrer	d 1300 block of Irving Street NW									
59	89		June	2	OH	to OH to replace animal guards Equipment failure/Wire down/Connection burned/ Feeder	4900 block of Nash Street, NE	NW	5	832	907	0	35	2209	14014	
60	90		June	3	ОН	tripped/Reinstalled wire/Load restored Unknown/Fuse blown/NO cause found/Replaced fuse/Restored a	,	NE	7	657	865	1	58	2333	14717	
61	91		June	4	ОН	load	·	SE	8	641	936	2	55	122	15175	
61	92		June	4	UG	Equipment failure/Service cable burned/Replaced service cable// load restored Equipment failure/Cable Fault/Isolated fault/Made tie/Restoring a		NW	2	1552	0313 (6/5)	11	21	1	15996	
62	93		June	5	UG	load Equipment failure/meter/Found meter removed and pie		NE	5	309	428	1	19	104	14200	
62	94		June	5	OH	plated/Referred to the Meter Department to install new meter	2900 block of 2nd Street, SE 4th Street and N Street, NW	SE	8	904	1806	9	2	1	15166	
63	95 96		June June	7	UG	Equipment failure/Cable failed/Blown fuse/Isolated fault/All load	Vicinity of Quebec Place, NW and Spring Road,	NW	6	1452	2335				14401	
64				8	LUG			NW	1	154	638	6	43	38	14054	
65			June	8	UG UG	restored See above	NW See above	NW NW	1	154 154	638		43 44 44	38 209	14054 14054	
65	97		June June			See above Animal/Bird/ACR tripped/Wires down/Tie made/Load restored	See above South Dakota Avenue and Buchanan Street, NE		1 4 5	154 1151	638 1441	4	44	38		
	98		June June	8	OH OH	See above	See above	NW NE NE	1	154 1151 1913	638 1441 2239	4 4 2 3	44 44	38 209 981 22	14054 14015 15710	
65	98		June June June	9 9	OH OH	See above Animal/Bird/ACR tripped/Wires down/Tie made/Load restored Foreign contact/Balloons/Feeder tripped/ Permanent repairs made/All load restored See above Eculpment failure/Regulator failed/isolated regulator/All load	See above South Dakota Avenue and Buchanan Street, NE Benning Road w/o 36th Street, NE See above Connecticut Avenue and Quincy Street Chevy	NW NE NE	1 4 5 5	154 1151 1913	638 1441 2239 2239	4 2 3 3	44 44 50 26 26	38 209 981 22 2,171	14054 14015 15710 15710	
65 66			June June	9	OH OH	See above Animal/Bird/ACR tripped/Wires down/Tie made/Load restored Foreign contact/Balloons/Feeder tripped/ Permanent repairs made/All load restored See above Equipment failure/Regulator failed/isolated regulator/All load restored	See above South Dakota Avenue and Buchanan Street, NE Benning Road w/o 36th Street, NE See above Connecticut Avenue and Quincy Street Chevy Chase MD (Note: feeder crosses jurisdictional lines)	NW NE NE	1 4 5	154 1151 1913	638 1441 2239	4 4 2 3	44 44 50 26	38 209 981 22	14054 14015 15710	
	98		June June June	9 9	OH OH	See above Animal/Bird/ACR tripped/Wires down/Tie made/Load restored Foreign contact/Balloons/Feeder tripped/ Permanent repairs made/All load restored See above Equipment failure/Regulator failed/isolated regulator/All load restored Vegetation/Pole broken/Replaced pole/Permanent repairs made/ load restored	See above South Dakota Avenue and Buchanan Street, NE Benning Road w/o 36th Street, NE See above Connecticut Avenue and Quincy Street Chevy Chase MD (Note: feeder crosses jurisdictional lines) AR7th Street s/o/ Military Road, NW	NW NE NE	1 4 5 5	154 1151 1913 1913	638 1441 2239 2239	4 2 3 3	44 44 50 26 26	38 209 981 22 2,171	14054 14015 15710 15710	
66	98		June June June June	8 9 9 9	OH OH	See above Animal/Bird/ACR tripped/Wires down/Tie made/Load restored Foreign contact/Balloons/Feeder tripped/ Permanent repairs made/All load restored See above Equipment failure/Regulator failed/isolated regulator/All load restored Vegetation/Pole broken/Replaced pole/Permanent repairs made/ load restored Vegetation/Fole broken/Replaced pole/Permanent repairs made/ vegetation/Tree limb/Wires down/Feeder tripped Reinstalled wires/Restoring all load	See above South Dakota Avenue and Buchanan Street, NE Benning Road w/o 36th Street, NE See above Connecticut Avenue and Quincy Street Chevy Chase MD (Note: feeder crosses jurisdictional lines) AR7th Street s/o/ Military Road, NW 39th Street n/o Fulton Street, NW	NW NE NE NE	1 4 5 5 7 4	154 1151 1913 1913 853	638 1441 2239 2239 944	4 4 2 3 3 0	44 44 50 26 26 51	38 209 981 22 2,171 347	14054 14015 15710 15710 14896	
66 67	98 99 100		June June June June June June	8 9 9 9 10	UG OH OH OH OH	See above Animal/Bird/ACR tripped/Wires down/Tie made/Load restored Foreign contact/Ballicons/Feeder tripped/ Permanent repairs made/All load restored See above Equipment failure/Regulator failed/isolated regulator/All load restored Vegetation/Pole broken/Replaced pole/Permanent repairs made/ load restored Vegetation/Fole broken/Replaced pole/Permanent repairs made/ load restored Equipment failure/Cable failed/Replaced cable/All load restored Equipment failure/Cable failed/Replaced cable/All load restored	See above South Dakota Avenue and Buchanan Street, NE Benning Road w/o 36th Street, NE See above Connecticut Avenue and Quincy Street Chevy Chase MD (Note: feeder crosses jurisdictional lines) AZT/B Street s/o/ Military Road, NW 39th Street n/o Futton Street, NW 16th Street and Floral Street, NW	NW NE NE NE NE NW	1 4 5 5 7 4	154 1151 1913 1913 853 1019	638 1441 2239 2239 944 1948	4 4 2 3 3 0	44 44 50 26 26 51	38 209 981 22 2,171 347	14054 14015 15710 15710 14896 133	
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66 67 68 69 69 70 71 72 73 74 75 76 76	98 99 100 101 102 103 104 105 108 109 111 112 113 114		June June June June June June June June	8 9 9 9 10 111 12 13 13 15 17 18 18 20 21 22 24 24 28 29 30	UG OH OH OH UG OH OH UG OH UG OH OH UG	See above Animal/Bird/ACR tripped/Wires down/Tie made/Load restored Foreign contact/Balloons/Feeder tripped/ Permanent repairs made/All load restored Equipment failure/Regulator failed/isolated regulator/All load restored Vegetation/Pole broken/Replaced pole/Permanent repairs made/ load restored Vegetation/Pole broken/Replaced pole/Permanent repairs made/ load restored Vegetation/Fole broken/Replaced pole/Permanent repairs made/ load restored Vegetation/Tree limb/Wires down/Feeder tripped Reinstalled wires/Restoring all load Equipment failure/Cable failed/Replaced cable/All load restored Animal/Squirrel/Fuses blown/Replaced fuses/Restoring all load Equipment failure/Cable failure/Fuse blown/ isolated fault/Load restored Vegetation/Tree down/Transformer damaged/ Fuse blown/Replaced transformer and fuse/ Restoring all load Vegetation/Tree limbs/Wire down/Feeder tripped/ Reinstalled wir Restoring all load Equipment failure/Cable failure/Fuse blown /isolated fault/Load restored Equipment failure/Cable failure/Fuse blown /isolated fault/Load restored Equipment failure/Cable failure/Fuse blown /isolated fault/Closed tie/Replaced fuse/Load restored Equipment failure/Cable failure/Fuse blown /isolated fault/Closed tie/Replaced fuse/Load restored Equipment failure/Cable failure/Fuse blown/Replaced transformer/Load restored Equipment failure/Cable failure/Fuse blown/Replaced Equipment failure/Cable failure/Cable failure/Fuse blown/Replaced Equipment failure/Cable failure/Cable failure/Cable failure/Fuse blown/Replaced Equipment failure/Cable failure/Cable failur	See above South Dakota Avenue and Buchanan Street, NE Benning Road w/o 36th Street, NE See above See above Connecticut Avenue and Quincy Street Chevy Chase MD Note: feeder crosses jurisdictional lines) All This Treet s/or Military Road, NW Jayth Street s/or Military Road, NW Jayth Street n/o Fulton Street, NW Franklin Street and Floral Street, NW Franklin Street and Floral Street, NW Franklin Street and Floral Street, NW Biladensburg Congress Place, SE dt Far East tane of I-395N in the 14th Street Bridge S300 block of 27th Street, NW Biladensburg Road sw/o 37th Avenue, NE H00 block of 33rd Street, SE H00 block of Layman Place, NE H11th Street and O Street, NW d sth Street and Neal Place, NE Riggs Road and Berkshire Drive Hyattsville MD (Note: feeder crosses jurisdictional lines) 40th Place and W Street, NW 21st Street and Maryland Avenue, NE	NW NE	1 4 5 7 4 4 4 3 4 4 5 5 7 7 5 5 7 7 4 4 4 5 5 5 5 5 5 5	154 1151 1913 1913 853 1019 725 331 640 642 1145 720 1345 1950 1248 552 1458 759 1139 2057	944 1948 921 1333 936 9188 0408 (6/16 1525 1450 2109 1533 857 2350 906 1314 0048 (6/30) 1216 (7/2)	4 4 2 3 3 0 9 1 10 2 2 2 16 8 8 1 1 2 3 8 1 1 1 1 3 3 8 1 1 1 1 1 1 1 1 1 1 1	44 44 50 26 51 29 56 2 56 23 5 5 19 45 5 5 7 35 51	38 209 981 22 2,171 347 10 1372 7 141 124 28 12 1039 438 298 197 24 642 132 693 225	14054 14015 15710 14896 133 14136 15199 14014 15170 233 133 14016 99 15703 15204R 14786 15264 14132 15702	
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Report Sequence Number 79	Outage Sequence Number	Number*	Month July	Day of Outage	OH or UG	Outage Cause/ Incident Description	Location See above	⊒ Quadrant	Ward 6	Time of Outage/ Incident 418	Actual Restoration Time 936	Duratio Outa Hours	ige	Max No. of Cust. Affected	Feeder No. 14151	Feeder No.
79	118		July	1	ОН	See above Equipment failure/Cable failure/Feeder tripped /Isolated fault/Closed, restoring all load	3400 Benning Road, NE	NE	5	2219	2359	1	40	2682	15701	
79			July	1	OH	See above	See above	NE	6	2219	2359	1	40	171	15701	
80	119		July	3	UG	Equipment failure/Cable failure/Fuse blown /Isolated fault/Made tie/Closed, restoring all load	9th and P Street, NW	NW	2	813	14345	6	21	265	15207R	
80 81	120		July July	3	UG	See above Equipment failure/Cable failure/Fuse blown /Isolated fault/Made	See above 9th and East Capitol Streets, NW	NW	6	813 1728	1434 2236	6 5	21 8	266 332	15207R 15875	
82	121		July	8	ОН	tie/Restoring all load Unknown/Fuse blown/Patrolled feeder no faults found/Replaced	11th Place and Alabama Avenue, SE	SE	8	615	812	1	57	104	15175	
83	122		July	10	UG	fuse/Restoring all load Equipment failure/Fuse blown/Transformer failed/ Replaced	15th Street and V Street, NW	NW	1	739	1745	10	6	190	15764	
83	122		July	10		transformer/Replaced fuse See above	See above	NW	2	739	1745	10	6	53	15764	
83	123		July	10	UG	Equipment failure/After opening switch for maintenance the switch failed to close/Closed switch/ restoring all load	1200 block of 4th Street, SE	SE	6	1941	2000	0	19	121	16329	
83	124		July	10	ОН	Cable cut/Contractor cut tap/Switch opened/ Permanent repairs made to tap	900 block of 49th Street, NE	SE	7	1429	1443	0	14	698	15707	
83	125		July	10	ОН	Animal/Squirrel on Wire/Feeder tripped/Closed, Feeder/Restoring all load	Kennedy Street w/o 1st Street, NE	SE	5	610	712	1	2	1873	15018	
84	126		July	10	UG	Equipment failure/Cable burned in half in Manhole/ Temporary repairs made/Referred to UG to heavy up cable	31st Street and Q Street, NW	NW	2	1702 (7/10)	114	8	12	3	15996	
85	127		July	12	ОН	Vegetation/Tree limb on wire/ACR tripped/ Removed tree limb/All	25th Street n/o Alabama Avenue, SE	SE	8	1016	1025	0	9	1272	15174	
86	128		July	15	UG	load restored Equipment failure/Transformer failed/Fuse opened/ Replaced	500 block of 25th Place, NE	NE	7	1139	1707	5	28	129	14711	
87	129		July	16	UG	transformer/Load restored Equipment failure/Cable failure/ Fuse blown/ Isolated cable	2500 block of Massachusetts Avenue, NW	NW	2	115	450	3	35	115	14733	
88	130		July	17	ОН	fault/Replaced fuse/Load restored Weather/Lightning/Blown fuse/Replaced fuse/ Closed all load	300 block of Taylor Street, NE	NE	5	1542	1819	2	37	154	15013	
88	131		July	17	ОН	restored Vegetation/Wires down/Feeder tripped/Reinstalled wires/Load	Martin Luther King Jr. Avenue and Stanton Road,	SE	8	1549	2324	7	35	1,836	15176	15177
						restored Equipment failure/Cable failure/Fuse blown/ Isolated fault/Replace	SE 300 block of E Street, NE									13177
89 90	132		July July	22	UG	fuse/Restored load Equipment failure/Cable damaged/Replaced cable/Load restored		NE NW	5 6	25 1352	332 2153	3 8	7	178	14787 15206	
90	134		July	23	ОН	Vegetation/Tree down/Wires down/Reinstalled wires/Load restored	8200 block of 15th Place, SE	SE	8	852	1813	9	21	1	15172	
90	135		July	23	ОН	Vegetation/Tree limb on wires/Permanent repairs made/Feeder tripped /Load restored	53rd Street n/o B Street, SE	SE	7	1415	1438	0	23	751	372	
90	136		July	23	ОН	Weather/Lightning/Tap burned off/Wires down/ Remade	Vicinity of Howard Road and Firth and Sterling	SE	8	49	548	4	59	2198	15176	15177
90	137		July	23	ОН	tap/Reinstalled wires/All load restored Vegetation/Tree limb on wires/Feeder tripped /Removed tree	Avenue, SE Ridge Road se/o Ely Place, SE	SE	7	728	934	2	6	240	380	
90	138		July	23	OH		4300 block of Texas Avenue, SE	SE	7	1146	1412	0	23	240	380	
50	139		July	25	UG	made/All load restored Equipment failure/Cable failure/Feeder tripped/ Isolated fault/Made	3100 block of Quesada Street, NW	NW	4	1943	2020	0	37	413	414	
91	140	DO10-30	July	25	UG	tie/Closed, restoring all load Load/Cable failure/Replaced six limiters in MH/Load restored	500 block of 12th Street, NW	NW	2	1203	2330	11	26	1	14562	
92	141		July	30	UG	Equipment failure/Cable failure/Feeder tripped/ Replaced cable/Load restored	D Street w/o 17th Street, SE	SE	6	126	1030	9	4	789	208	
		# of O	utages	26					Cu	stomers Affec	ted			15579		
93	142		August	3	ОН	Vegetation/Tree down/Poles down/Wires down /Replaced poles/Reinstalled wires/All load restored	3800 block of 52nd Avenue, NW	NW	3	2215	1120 (8/4)	13	5	10	144	-
94	143		August	5	UG	Equipment failure/Cable failure/Fuse blew/ Isolated fault/Made tie/Replaced fuse/Load restored	39th Street and Langley Court, NW	NW	3	1446	1953	5	7	229	14150	
0.5				_		Equipment failure/Cable failure/Temporary repairs made/Referred	1200 block of Quincy Street, NW			4705 (015)	550					
95	144		August	5	UG	to the UG Department for permanent repairs/Load restored		NW	4	1735 (8/5)	550	12	15	4	14054	
96	145		August	7	ОН	Vegetation/Tree limbs/Wires down/Removed tree limb/Permanent repairs made/Load restored	, ,	NW	3	1607 (8/7)	112	9	5	1	14135	
96	146		August	8	ОН	Animal/Squirrel/Fuse blown/Replaced animal guard/Replaced fuse/Restoring all load	1st and P Street, SW	sw	6	638	900	2	22	138	16001	
97	147		August	9	UG	Equipment Failure/Fuse blown/C phase elbow blown/Replaced module/Restoring load	8th Street and I Street, NE	NE	6	802	2026	12	24	663	14787	
97	148		August	9	ОН	Equipment failure/Feeder tripped/Found animal guards damaged/Tap burned in clear/Remade tap/ Closed, restoring all	15th Place n/o Alabama Avenue, SE	SE	8	650	731	0	41	1,121	15177	
						load Animal/Squirrel/Fuse blown/Replaced animal guard/Replaced	Corcoran Street n/o Mount Olivet Road. NE									
97	149		August	9	ОН	fuse/Restoring all load	49th Street and Nash Street, NE	NE	5	640	911	2	31	113	15701	
97	150		August	9	ОН	Employee/Equipment failure/Fuse blown/Flash guard found melter	,	NE	7	1624	1704	0	40	487	14717	
98	151		August	10	ОН	due to improperly closed cutout/Replaced cutout/Replaced	The street and Misse Island Avenue, NW	NW	5	2300	0032 (8/11)	1	32	109	14009	
99	152		August	13	ОН	fuse/Restoring all load Weather/Lightning/Wires down/ACR tripped/ Feeder	5500 block of MacArthur Boulevard, NW	NW	3	1647	2219	5	32	971	14767	
100	153		August	15	OH	opened/Permanent repairs made/ Restoring all load Equipment failure/Wires down/Feeder tripped /Isolated	3200 block of Pennsylvania Avenue, SE	SE	7	1656	1753	0	57	135	118	
101	154		August	16	UG	fault/Closed, restoring all load Equipment failure/Transition joint blown/Feeder tripped/Permanen	Unit block of E Street, NW	NW	6	1311	1716	4	5	662	14786	
101	104		August	16	UG	repairs made /Closed, restoring all load see above	see above	NW	5	1311	1716	4	5	540	14786	
101	455		August	16	UG			NW	2	1311	1716	4	5	25	14786	
102	155		August	17	UG	repairs made/Replaced fuse/ Restoring all load	Avenue, SE Macarthur Boulevard n/o Cathedral Avenue, NW	SE	8	1130	1939	8	9	1	15176	
103	156		August	19	ОН	sleeve/ Permanent repairs made/Closed, restoring all load	Harvard Street and Sherman Avenue, NW	NW	3	712	930	2	18	1009	14767	
104	157		August	20	UG	Equipment failure/Cable failure/Feeder tripped/ Permanent repairs	·	NW	1	1847	2229	3	42	183	14729	
104	158		August	20	UG	Equipment failure/Cable failure/Feeder tripped/ Permanent repairs made/All load restored Equipment failure/Multiple cable faults/Fuses blown/Isolated	·	NW	2	1820	0500 (8/21)	10	40	9	38	
105	159		August	21	UG	faults/Made tie/Replaced fuses /Load restored	Colombia Road and Georgia Avenue, NW	NW	1	735	0533 (8/22)	22	18	562	15986	14729
105	160		August	21	ОН	Weather/Lightning/Transformer failed/Replaced transformer/Restoring all load	Sycamore Road and Central Avenue, NE	NE	7	2014	0435 (8/22)	8	21	22	369	
105	161		August	21	ОН	Equipment failure/Device opened/Found tap burned off/Permanen repairs made		SE	7	1957	1037 (8/22)	14	40	14	14809	
105	162		August	21	ОН	Equipment failure/Service connection failed/ Replaced service connection/Restoring load	4600 block of 47th Street, NW	NW	3	1659	653 (8/22)	13	54	1	308	
106	163		August	25	ОН	Weather/Wire down/Switch opened/Reinstalled wire/Restored all load	Greene Place and MacArthur Boulevard, NW	NW	3	1901	2223	3	22	598	15801	
107	164		August	26	ОН	Animal/Squirrel on Chanel Riser/Feeder tripped/ Isolated fault/Closed, Restoring all load	13th Street s/o Kearny Street, NE	NE	5	649	758	1	9	586	14007	
108	165		August	27	ОН	Vegetation/Tree down/Pole broken/Fuse blown/ Replaced	Rodman Street nw/o 49th Street, NW	NW	3	1851 (8/26)	456	10	5	25	144	
108	166		August	27	UG	pole/Replaced fuse/Restoring all load Equipment failure/Cable failure/Fuse blown/ Isolated fault/Replace	16th Street e/o Riggs Place, NW	NW	2	1119	1725	6	6	445	15764	
							44th Street and Garfield Street, NW									
108	167		August	27	ОН	down/Fuses opened/Replaced pole/Replaced cross arms/Reinstalled wires/Restoring all load		NW	3	1135	0110 (8/28)	13	35	14	132	
109	168		August	28	UG	Equipment failure/Transformer failed/Replaced transformer/Load restored		NW	4	1417	0001 (8/29)	9	43	1	15015	
109	169		August	28	UG	Equipment failure/Module failed/Fuse blown/ Replaced module/Replaced fuse/Load restored	16th Street e/o Riggs Place, NW	NW	2	2256	0356 (8/29)	5	0	455	15764	
110	170		August	29	ОН	Equipment failure/Switch burned/Permanent repairs	10th Street e/o Franklin Street, NE	NE	5	1808	1921	1	12	726	14009	
110	171		August	29	UG	made/Restoring all load Equipment failure/Transformer failed/Fuse opened /Replaced	16th Street e/o Riggs Place, NW	NW	2	433	857	4	23	455	15764	
		,, , -				transformer/All load restored										
		# of O	utages	30				\vdash	Cu	stomers Affec	ted	-	1	10314		

Attachment 1-4

14	Sequence Number 6	Sequence Number*	Month January	Day of Outage	9 он от ис	Outage Cause/ Incident Description Cable cut/Fuse blown/Isolated fault/Made tie/ Restored load	Location 13th Street n/o Q Street, NW	Z Quadrant	Ward	Time of Outage/ Incident 1043	Actual Restoration Time 1854	Duration Outa Hours	ge / min 11	Max No. of Cust. Affected 85	Feeder No. 15204W	Feeder No. 15207W
	18		February	4	UG	Equipment failure/Cable fault/Replaced cable/All load restored Employee/Bus tripped/Employee inadvertently tripped a 13kV	18th And Vernon Street, NW 12th and Irving Streets, NE	NW	1	1903	354 (2/5)	8	51	11	14736	
17	37		February March	14 25	UG	Bus/The Breaker was closed all load restored Equipment failure/Cable failure/Duct damaged/ Isolated	Florida Avenue, NW e/o 14th Street, NW	NE	1	942	953	0	12 35	345	14008	14004
38	51		April	24	UG	fault/Temporary repairs made Equipment failure/Transformer failed/Blown fuse /Isolated	300 block of Bryant Street, NW	NW	1	253	306	0	13	730	15769	
38	52		April	24	UG	Transformer/Replaced fuse/Load restored Unknown/Fuse blown/Replaced fuse/All load restored	1800 block of Belmont Road, NW	NW	1	1455	2105	5	10	446	14732	
40	54		May	2	UG	Equipment failure/Module failed/Elbow blown/ Fuse blown /Replaced module, elbow and fuse /Load restored	19th Street and Kalorama Road, NW	NW	1	1611	2249	6	38	346	14733	
42	57		May	4	UG	Equipment failure/Cable failure/Fuse blown/ Isolated fault/Made tie/Load restored	Between 300 block of Manor Place and Luray Place, NW	NW	1	1000	1425	4	25	242	14057	
45 50	69		May May	7 16	UG		See above Lamont Street and Sherman Avenue, NW	NW NW	1	1353 428	1817 650	4	24	48 364	15204R 14729	
54	76		May	21	UG	fuse/ Load restored Equipment failure/Cable fault/Replaced cable /Load restored	16th Street and Meridian Place, NW	NW	1	1458 (5/21)	105	10	7	27	15992	
64	96		June	8	UG	Equipment failure/Cable failed/Blown fuse/Isolated fault/All load restored	Vicinity of Quebec Place, NW and Spring Road, NW	NW	1	154	638	4	44	38	14054	
83	122		July	10	UG	Equipment failure/Fuse blown/Transformer failed/ Replaced transformer/Replaced fuse	15th Street and V Street, NW	NW	1	739	1745	10	6	190	15764	
104	157		August	20	UG	Equipment failure/Cable fault/Fuse blown/Isolated fault/Made tie/Load restored	Harvard Street and Sherman Avenue, NW	NW	1	1847	2229	3	42	183	14729	
105	159		August	21	UG	Equipment failure/Multiple cable faults/Fuses blown/Isolated faults/Made tie/Replaced fuses /Load restored	Colombia Road and Georgia Avenue, NW	NW	1	735	0533 (8/22)	22	18	562	15986	14729
	#	# of Outage	ıs	15						Custome	rs Affected			3,618		
5	6		January	9	UG	Cable cut/Fuse blown/Isolated fault/Made tie/ Restored load	13th Street n/o Q Street, NW	NW	2	1043	1854	9	11	212	15204W	15207W
28	28 38	DC18-12	February March	20 27	UG		3200 block of N Street, NW 9th Street and D Street, NW	NW	2	2007 403	0500 (2/21) 440	8	53 37	3 119	14555 14574	
56 61	83 92		May June	25 4	UG	Equipment failure/Cable failure/Replaced cable/Load restored Equipment failure/Service cable burned/Replaced service cable/A	600 block of 3rd Street, NW I29th Street and Dumbarton Street, NW	NW	2	105 1552	1748 0313 (6/5)	16	43 21	1	15454 15996	
71	105		June	17	UG	load restored Equipment failure/Cable failure/Feeder tripped/ Isolated fault/Load	Far East lane of I-395N in the 14th Street Bridge	SW	2	1145	0408 (6/16	16	23	28	233	
75	110		June	23	UG	restored Equipment failure/Cable fault/Fuse blown /Isolated fault/Closed	11th Street and O Street, NW	NW	2	1145 552	857	3	5	197	233 15204R	
80 83	119 122		July July	3	UG UG	Equipment failure/Cable failure/Fuse blown /Isolated fault/Made Equipment failure/Fuse blown/Transformer failed/ Replaced	9th and P Street, NW 15th Street and V Street, NW	NW NW	2	813 739	14345 1745	6	21	265 53	15207R 15764	
84	126		July	10	UG	Equipment failure/Cable burned in half in Manhole/ Temporary repairs made/Referred to UG to heavy up cable	31st Street and Q Street, NW	NW	2	1702 (7/10)	114	8	12	3	15996	
87	129		July	16	UG	Equipment failure/Cable failure/ Fuse blown/ Isolated cable fault/Replaced fuse/I gad restored	2500 block of Massachusetts Avenue, NW	NW	2	115	450	3	35	115	14733	
91	140		July	25	UG	Load/Cable failure/Replaced six limiters in MH/Load restored	500 block of 12th Street, NW	NW	2	1203 1311	2330 1716	11	26	1 25	14562	
101	154		August	16	UG	Equipment failure/Transition joint blown/Feeder tripped/Permanen repairs made /Closed, restoring all load		NW	-	1311	1710	4	5	25	14786	
104	158		August	20	UG	Equipment failure/Cable failure/Feeder tripped/ Permanent repairs made/All load restored Equipment failure/Cable failure/Fuse blown/ Isolated fault/Replace		NW	2	1820	0500 (8/21)	10	40	9	38	
108	166		August	27	UG	Equipment failure/Buse lailure/Fuse blown/ Isolated failure/place fuse/Load restored Equipment failure/Module failed/Fuse blown/ Replaced		NW	2	1119	1725	6	6	445	15764	
109	169		August	28	UG	module/Replaced fuse/Load restored	16th Street e/o Riggs Place, NW	NW	2	2256	0356 (8/29)	5	0	455	15764	
110	171		August	29	UG	Equipment failure/Transformer failed/Fuse opened /Replaced transformer/All load restored	16th Street e/o Riggs Place, NW	NW	2	433	857	4	23	455	15764	
		of Outage	ıs	17						Custome	rs Affected			2.387		
														_,		
14	19		February	4	ОН	Equipment failure/Feeder tripped/Blown pothead/Replaced pot	Rodman Street w/o Tilden Street, NW	NW	3	1616	0100 (2/5)	8	44	273	144	
16	21		February	12	UG	head/Load restored Equipment failure/Cable failure/Switch opened /Isolated fault/Mad	eVan Ness Street, and Wisconsin Avenue, NW	NW	3	1257	1454	1	57	494	309	
18	24		February	18	UG	tie/All load restored Equipment failure/Transformer failed/Fuse Blown/ Replaced	Massachusetts Avenue e/o Warren Street, NW	NW	3	907	0044 (2/19)	15	37	3	14766	
24	33		March	7	OH	transformer/Replaced fuse/Load restored Weather/Wind/Wire down/Replaced service wire/Load restored	Macomb Street w/o 36th Street, NW	NW	3	720	1606	8	46	1	101	
29	39		March	30	UG	Equipment failure/Cable failure/Isolated fault/Made tie/Load restored	Ellicott Street, NW e/o Connecticut Avenue, NW	NW	3	757	939	1	42	907	14135	
43	59		May	5	ОН	Equipment failure/Cable failure/Feeder tripped/ Fuse blown/Isolate fault/Made tie/Replaced fuse/Load restored	4200 block of 40th Street, NW	NW	3	143	425	2	42	491	90W309	
51	70		May	18	ОН	Vegetation/Tree down/Wires down/Two Poles broken/Replaced poles/All load restored	4500 block of Dexter Street, NW	NW	3	607	1713	11	6	24	132	
52	71		May	19	ОН	Vegetation/Trees on wire/Fuse blown/Removed trees/Permanent repairs made/All load restored	Overlook Road n/o Overlook lane, NW	NW	3	634	1811	11	37	7	64	
52	72		May	19	ОН	Equipment failure/Blown Branch Joint/Feeder tripped/Isolated fault/Closed, Load restored	Massachusetts Avenue at Nebraska Avenue, NW	NW	3	549	819	2	30	1104	14132	
55	79		May	23	ОН	Vegetation/Tree on wire/Feeder tripped/Fuse blown/Replaced fuse/Made tie/All load restored	2800 block of Albemarle Road, NW	NW	3	1202	1509	3	7	315	14133	
55	81		May	23	UG	Equipment failure/Cable fault/Fuse blown/ Replaced fuse/Made tie/Restoring all load	3700 block of 39th Street, NW	NW	3	413	737	3	21	248	14136	
57	85		May	29	UG	Equipment failure/Cable failure/Fuse blown /Isolated fault/Made tie/Restoring all load	3600 block of 38th Street, NW	NW	3	458	851	3	53	229	14150	
	88	DC18-24	May	31	UG	Equipment failure/Cable failure/Feeder tripped/ Recloser tripped/The crew isolated the fault/ Closed, Restoring all load	Connecticut Avenue and Nebraska Avenue, NW	NW	3	718	1313	5	55	476	14135	
68	101		June	12	ОН	Vegetation/Tree limb/Wires down/Feeder tripped Reinstalled wires/Restoring all load	39th Street n/o Fulton Street, NW	NW	3	725	921	1	56	1372	14136	
77	113		June	28	ОН	Vegetation/Tree limb/Fuse blown/Removed tree limb/Replaced fuse/Restoring all load	40th Place and W Street, NW	NW	3	1139	1314	1	35	132	14132	
93	142		August	3	ОН	Vegetation/Tree down/Poles down/Wires down /Replaced poles/Reinstalled wires/All load restored	3800 block of 52nd Avenue, NW	NW	3	2215	1120 (8/4)	13	5	10	144	
94	143		August	5	UG	Equipment failure/Cable failure/Fuse blew/ Isolated fault/Made tie/Replaced fuse/Load restored	39th Street and Langley Court, NW	NW	3	1446	1953	5	7	229	14150	
96	145		August	7	ОН	Vegetation/Tree limbs/Wires down/Removed tree limb/Permanent repairs made/Load restored	3000 block of Davenport Street, NW	NW	3	1607 (8/7)	112	9	5	1	14135	
99	152		August	13	ОН	Weather/Lightning/Wires down/ACR tripped/ Feeder	5500 block of MacArthur Boulevard, NW	NW	3	1647	2219	5	32	971	14767	
103	156		August	19	ОН	opened/Permanent repairs made/ Restoring all load Equipment failure/Wires down/Feeder opened /Wire burnt in	Macarthur Boulevard n/o Cathedral Avenue, NW	NW	3	712	930	2	18	1009	14767	
105	162		August	21	ОН	sleeve/ Permanent repairs made/Closed, restoring all load Equipment failure/Service connection failed/ Replaced service	4600 block of 47th Street, NW	NW	3	1659	653 (8/22)	13	54	1	308	
105	163		August	25	ОН	connection/Restoring load Weather/Wire down/Switch opened/Reinstalled wire/Restored all	Greene Place and MacArthur Boulevard, NW	NW	3	1901	2223	3	22	598	15801	
108	165		August	27	ОН	load Vegetation/Tree down/Pole broken/Fuse blown/ Replaced	Rodman Street nw/o 49th Street, NW	NW	3	1851 (8/26)	456	10	5	25	144	
108	167			27	ОН	pole/Replaced fuse/Restoring all load Vegetation/Tree down/Pole broken/Cross arms broken/Wires	44th Street and Garfield Street, NW		3	1851 (8/26)				25 14	132	
108	10/		August	21	UH	down/Fuses opened/Replaced pole/Replaced cross		NW	3	1135	0110 (8/28)	13	35	14	132	
										0 :	*#: '					
	*	f of Outage	is	24						Custome	rs Affected			8,934		
_	_					Equipment failure/Wires down/Feeders tripped/Reinstalled	Blair Road and Oglethorpe Street, NW				,	_	-		4	4
7	9		January	12	OH	wires/Load restored Equipment failure/Feeder tripped/Regulator failed /Isolated	Allison Street and Iowa Avenue, NW	NW	4	437	10337	6	0	1525	15014	15013
12	16		January	29	OH	regulator/Made tie/Load restored Equipment failure/Recloser tripped/Cable fault in riser/Isolated	16th Street and Kalmia Road, NW	NW	4	505	735	2	30	1369	15197	<u> </u>
20	27	1	February	20	OH	fault/Closed, all load restored	Succe and realing room, NVV	NW	4	1551	1659	1	8	1593	15199	1

Report Sequence	Outage Sequence	Manhole Sequence		of age	or UG			drant		Time of Outage/	Actual Restoration	Durati Outa		Max No. of Cust.	Feeder	Feeder
Number	Number	Number*		Day of Outage	ь	Outage Cause/ Incident Description Wind/Wires wrapped together/Feeder tripped /unwrapped	Location	Qua	Ward	Incident	Time	Hours	/ min	Affected	No.	No.
31	41		April	4	OH	wires/Load restored Wind/Wires wrapped together/Feeder tripped /unwrapped	4700 block AND 4800 block of 4th Street, NW	NW	4	1417	1539	1	22	1,641	15003	489
31	42		April	4	OH	wires/Load restored Wind/Wires wrapped together/Feeder tripped /unwrapped	4700 block AND 4800 block of 4th Street, NW	NW	4	1620	1655	0	35	1666	15003	
31	43		April	4	OH	wires/Installed space savers/Load restored	4700 block AND 4800 block of 4th Street, NW 29th Street s/o Military Road, NW	NW	4	1744	1912	1	28	1503	15003	
36	49		April	19	OH	failed/Replaced poles/ Replaced transformer	Underwood Place e/o 1st Street, NW	NW	4	1509	0830 (4/20)	17	21	12	133	
54	77		May	22	OH	made/Replaced fuse/Load restored Vegetation/Tree on Wires/Switch opened/Wires wrapped/C phase 1		NW	4	1641	1802	1	21	494	15200	
54	78		May	22	ОН	of insulator/Removed tree/ Unwrapped wires/Replaced C	14th Street and Rittenhouse Street. NW	NW	4	1823	1906	0	43	680	15021	
55	80		May	23	OH	wire/Closed, load restored	1300 block of Tewkesbury Place, NW	NW	4	1107	1441	3	34	2,215	15021	
58	87		May	31	ОН	blown/Cable fault/Isolated fault/Made tie /Closed, restoring all load	Vicinity of Quebec Place, NW and Spring Road,	NW	4	454	747	2	52	2,215	15021	
64	96		June	8	UG	restored	NW Connecticut Avenue and Quincy Street Chevy	NW	4	154	638	4	44	209	14054	
66	99		June	10	OH		Chase MD (Note: feeder crosses jurisdictional	NW	4	853	944	0	51	347	14896	
67 69	100		June	11	OH	load restored		NW	4	1019 331	1948 1333	9	29	10	133 15199	
72	106		June	18	ОН		5300 block of 27th Street, NW	NW	4	720	1525	8	5	12	133	
	139	DC18-36	July	25	UG	Equipment failure/Cable failure/Feeder tripped/ isolated fault/Made tie/Closed, restoring all load	3100 block of Quesada Street, NW	NW	4	1943	2020	0	37	413	414	
95	144		August	5	UG	Equipment failure/Cable failure/Temporary repairs made/Referred to the UG Department for permanent repairs/Load restored	1200 block of Quincy Street, NW	NW	4	1735 (8/5)	550	12	15	4	14054	
109	168		August	28	UG	Equipment failure/Transformer failed/Replaced transformer/Load 4 restored	4300 block of Arkansas Avenue, NW	NW	4	1417	0001 (8/29)	9	43	1	15015	
	#	of Outage	s	19						Custome	rs Affected			15,916		
7	9		January	12	ОН	Equipment failure/Wires down/Feeders tripped/Reinstalled wires/Load restored	Blair Road and Oglethorpe Street, NW	NW	5	437	1037	6	0	1,444	15014	15013
7	10		January	12	ОН	Equipment failure/Switch opened/Tap burned off regulator/Isolated	Harewood Street s/o Taylor Street, NE	NE	5	1142	15001	3	19	466	15013	
8	11		January	15	UG		Randolph Place s/o 1st Street, NW	NW	5	46	57	0	10	125	14004	
9	13		January	18	UG	cable/All load restored Equipment failure/Fuse blown/Corroded fuse holder found in trans	Summit Court and Fort Lincoln Drive, NE	NE	5	1128	1810	6	42	128	15094	
11	15		January	25	UG	closure/Replaced fuse/ Restored all load Equipment failure/Cable failure/Found cable burned at duct edge/Replaced cable/All load restored	Neal Street sw/o Montello Avenue, NE	NE	5	616	1316	7	0	100	14712	
17	22		February	14	UG	Employee/Bus tripped/Employee inadvertently tripped a 13kV	12th and Irving Streets, NE	NE	5	942	953	0	12	3225		
19	26		February	19	ОН		Rhode Island Avenue and Franklin Street, NE	NE	5	818	951	1	33	142	14014	
21	29		February	21	ОН	fuse/Load restored Motor vehicle/Three poles broken/Poles replaced/Load restored \$ 1.00 1.00 Motor vehicle/Three poles broken/Poles replaced/Load restored	South Dakota Avenue, and Bladensburg Road, Ni		5	750	2349	15	59	44	14016	
25	35		March	17	UG	Equipment failure/Fuse blown/Cable fault/ Isolated cable fault/Load restored		NE	5	1246	1537	2	51	183	15703	
30	40		March	31	UG	restored	24th Place, NE w/o Bladensburg Road, NE	NE	5	904	1301	1	27	342	14019	
32	44		April	5	ОН	wires/Replaced fuse/Load restored	1700 block of Hamilton Street, NE	NE	5	1149	1304	1	15	141	14014	
33	45		April	11	ОН	defective/Replaced cutout/Load restored	1300 block of Bladensburg Road, NE	NE	5	410	530	2	15	183	15703	
34 34	46 47		April April	16 16	UG	Foreign contact/Fuse blown/Cross arm brace contacted	19th Street and M Street, NE 13th Street and Hamilton Street, NE	NE NE	5	1037 256	1452 505	2	15 9	211 191	15703 15198	
37	50		April	21	UG		3000 block of Gentain Court, NE	NE	5	736	1125	3	49	103	14200	
39	53		April	26	UG		3200 block of Hiatt Place, NW	NW	5	150	800	6	10	282	15991	
46	63		May	10	ОН		12th Street and Monroe Street, NE	NE	5	720	841	1	21	297	14015	
47	64		May	13	UG		2200 block of Adams Place, NE	NE	5	1141	1953	8	12	3	14093	
48	65		May	14	ОН	transformer/Replaced fuse/Load_restored Weather/Wind/Feeder tripped/Wires wrapped together/Unwrapped	Brentwood road w/o 13th Street, NE	NE	5	1920	1953	0	33	512	14023	
48	66		May	14	OH		14th Street and Downing Street, NE	NE	5	2202	2252	0	50	148	14008	
52	73		May	19	ОН	Vegetation/Trees on wire/Feeder tripped/Removed trees/Closed, a load restored		NE	5	13	142	1	29	1,447	14200	
53	74		May	19	UG	damaged/Temporary repairs made/Load restored	Irving Street w/o North Capitol Street, NW	NW	5	1740 (5/19)	1158	18	18	1	14200	
59	89		June	2	ОН	Animal/Squirrel/Feeder tripped/Closed, restoring all load/Referred to OH to replace animal guards		NW	5	832	907	0	35	2209	14014	
62	93		June	5	UG	Equipment failure/Cable Fault/Isolated fault/Made tie/Restoring all load		NE	5	309	428	1	19	104	14200	
65 65	97 98		June June	9	OH	Foreign contact/Balloons/Feeder tripped/ Permanent repairs E	Benning Road w/o 36th Street, NE	NE NE	5 5	1151 1913	1441 2239	3	50 26	981 22	14015 15710	
69 72	103 107		June June	13 18	OH	Unknown/Recloser tripped/Closed, ACR/ Restoring all load	Franklin Street and Rhode Island Avenue, NE Bladensburg Road sw/o 37th Avenue, NE	NE NE	5 5	640 1345	936 1450	1	56 5	141 1039	14014 14016	
74	109		June	21	ОН	restored	1600 bock of Layman Place, NE	NE	5	1248	1533	2	45	298	15703	
76	111		June	24	UG	Equipment failure/Transformer failure/Replaced transformer/Load restored		NE	5	1458	2350	8	52	24	14786	
76	112		June	24	ОН	conductor/Closed, restoring all load (Riggs Road and Berkshire Drive Hyattsville MD (Note: feeder crosses jurisdictional lines)	NE	5	759	906	1	7	642	15264	
78	114		June	29	UG	fault/Replaced fuses/All load restored	21st Street and Maryland Avenue, NE	NE	5	2057	0048 (6/30)	3	51	693	15702	
79	117		July	1	UG	fault/Restoring load	10th and I Streets, NE	NE	5	418	936	5	18	123	14151	
79	118		July	1	ОН	fault/Closed, restoring all load	3400 Benning Road, NE	NE	5	2219	2359	1	40	2682	15701	
83	125		July	10	ОН	Animal/Squirrel on Wire/Feeder tripped/Closed, Feeder/Restoring all load		SE	5	610	712	1	2	1873	15018	
88	130		July	17	ОН	restored	300 block of Taylor Street, NE	NE	5	1542	1819	2	37	154	15013	
89	132		July	22	UG	Equipment failure/Cable failure/Fuse blown/ Isolated fault/Replace fuse/Restored load	300 block of E Street, NE	NE	5	25	332	3	7	178	14787	
97	149		August	9	ОН		Corcoran Street n/o Mount Olivet Road, NE	NE	5	640	911	2	31	113	15701	
98	151		August	10	ОН	Employee/Equipment failure/Fuse blown/Flash guard found melted due to improperly closed cutout/Replaced cutout/Replaced	4th Street and Rhode Island Avenue, NW	NW	5	2300	0032 (8/11)	1	32	109	14009	
101	154		August	16	UG	Equipment failure/Transition joint blown/Feeder tripped/Permanentt repairs made /Closed, restoring all load	Unit block of E Street, NW	NW	5	1311	1716	4	5	540	14786	
107	164		August	26	ОН		13th Street s/o Kearny Street, NE	NE	5	649	758	1	9	586	14007	
110	170		August	29	ОН		10th Street e/o Franklin Street, NE	NE	5	1808	1921	1	12	726	14009	
	#	of Outage	s	42						Custome	rs Affected			22,955		

Report Sequence Number	Outage Sequence Number	Manhole Sequence Number*	Month	Day of Outage	OH or UG	Outage Cause/ Incident Description	Location	Quadrant	Ward	Time of Outage/ Incident	Actual Restoration Time	Duration Outa	age	Max No. of Cust. Affected	Feeder No.	Feeder No.
2	3		January	5	UG	Equipment failure/Transformers failed/Temporary repairs	5th Street and M Street, NW	NW	6	651	234	19	43	202	15206	
5	6		January	9	UG	made/Load restored Cable cut/Fuse blown/Isolated fault/Made tie/ Restored load	13th Street n/o Q Street, NW	NW	6	1043	1854	8	11	128	15204W	15207W
5 6	7		January January	9	UG OH	Equipment failure/Cable fault/Feeder tripped/ Isolated fault/Made Motor Vehicle/Pole broken/Feeder tripped/Isolated fault/Restored		SW	6	1030	1254 1243	1	24	1229 1650	16000 16001	
9	12		January	18	UG	load Equipment failure/Cable fault/Blown URD slip on/ made new slip	15th Street and Pennsylvania Avenue, SE	SE	6	1821	220 (1/19)	7	59	205	227	
15 17	20		February February	6 14	UG	Equipment failure/Transformer failed/Fuse blown /Replaced Equipment failure/Feeder tripped/Stof box failed/Isolated stof	8th and G Streets, SE 14th Street, SE n/o K Street, SE	SE SE	6	1257 2025	1827 0347 (2/15)	5 7	3 22	223 445	16002	
19	25		February	19	UG	Equipment failure/Cable failure/Temporary repairs made/Load restored	4th and G Street, SE	SE	6	1032	2100	10	28	1	16003	
22	30		February	22	UG	Equipment failure/Module failed/Fuse blown/ Repairer Equipment failure/Wire down/ Recloser Tripped/ Cut in	300 block of D Street, NE	NE	6	1252	1444	1	52	138	14787	
25	34		March	17	ОН	clear/Closed, load restored	200 block of V Street, SW	SW	6	1052	1230	1	33	1634	16001	
35 45	48 62		April May	17 7	UG	Cable cut/Fuse blown/Isolated fault/Made tie/Load restored Equipment failure/Fuse blown/Module and elbow failed/Replaced	9th Street and G Street, SE 1800 block of 19th Street, NW	SE NW	6	1200 1353	1419 1817	4	19	279 234	16002 15204R	
	68					module and elbow/Load restored Equipment failure/Transformer failed/Replaced transformer/All loa	dl4th and K Streets, SE							400		212
50			May	16	UG	restored Equipment failure/Cable fault/Fuse blown/Isolated fault/Made	1300 block of 5th Street, NW	SE	6	1308	1735	4	27	169	227	212
58 63	86 95		May June	31 7	UG	tie/Restoring all load Cable cut/Cable and duct damaged/Permanent repairs made	4th Street and N Street, NW	NW	6	310 1452	1244 2335	9	34 43	162	15204W 14401	
00	115		June	30	UG	Equipment failure/Cable fault/Secondary cables burned/Replaced cables/All load restored	1300 block of H Street, NE	NE	6	2236	1216 (7/2)	37	36	225	14535	
79	116		July	1	UG	Equipment failure/Cable failure/Isolated fault/Permanent repairs Equipment failure/Cable failure/Fuse opened/Isolated	900 block of G Street, NE 10th and I Streets. NE	NE	6	321 418	1433 936	11	12	128	15702	
79	117		July	1	UG	fault/Restoring load	,	NE				5	18	250	14151	
79	118		July	1	ОН	Equipment failure/Cable failure/Feeder tripped /Isolated fault/Closed, restoring all load	3400 Benning Road, NE	NE	6	2219	2359	1	40	171	15701	
80	119		July	3	UG	Equipment failure/Cable failure/Fuse blown /Isolated fault/Made tie/Closed, restoring all load	9th and P Street, NW	NW	6	813	1434	6	21	266	15207R	
81	120		July	4	UG	Equipment failure/Cable failure/Fuse blown /Isolated fault/Made tie/Restoring all load	9th and East Capitol Streets, NW	NW	6	1728	2236	5	8	332	15875	
83	123		July	10	UG	Equipment failure/After opening switch for maintenance the switch failed to close/Closed switch/ restoring all load	1200 block of 4th Street, SE	SE	6	1941	2000	0	19	121	16329	
90	133		July	23	UG	Equipment failure/Cable damaged/Replaced cable/Load restored		NW	6	1352	2153	8	1	3	15206	
92	141		July	30	UG	Equipment failure/Cable failure/Feeder tripped/ Replaced cable/Load restored	D Street w/o 17th Street, SE	SE	6	126	1030	9	4	789	208	
96	146		August	8	ОН	Animal/Squirrel/Fuse blown/Replaced animal guard/Replaced fuse/Restoring all load	1st and P Street, SW	sw	6	638	900	2	22	138	16001	
97	147		August	9	UG	Equipment Failure/Fuse blown/C phase elbow blown/Replaced module/Restoring load	8th Street and I Street, NE	NE	6	802	2026	12	24	663	14787	
101	154		August	16	UG	Equipment failure/Transition joint blown/Feeder tripped/Permaner repairs made /Closed, restoring all load	tUnit block of E Street, NW	NW	6	1311	1716	4	5	662	14786	
						repairs made /Ciosed, restoring air toad										
		-40-4								0				40.440		
	*	of Outages	5	27						Custome	ers Affected			10,449		
						Equipment failure/Cable fault/Transformer failed/ Replaced cable	Navlor Road n/o Gainesville Street SF							-		
1	2		January	4	OH	and transformer/All load restored	,	SE	7	1425	0100 (1/5)	10	35	1	15173	
3 10	14		January January	7 20	OH	Load/Blown fuse/Replaced fuse/Restored all load Motor Vehicle/Pole broken/Wires down/Replaced pole/Reattached	61st Street and Clay Street, NE Minnesota Avenue se/o Nash Place, SE	NE SE	7	346 1815	524 2350	5	38	128 240	366 479	
					-	wires/All load restored Motor vehicle/Pole broken/Transformer damaged/ Replaced	Ridge Road, SE n/o G Street, SE									
26	36		March	24	OH	pole/Replaced transformer Vegetation/Tree down/Switch opened/Cross arm broken/Replace	3100 block of Pennsylvania Avenue, SE	SE	7	415	1257	8	42	9	451	
45	61		May	7	ОН	cross arm/Restored all load Equipment failure/Wire down/Connection burned/ Feeder	4900 block of Nash Street, NE	SE	7	1659	1959	3	0	449	118	
60	90		June	3	ОН	tripped/Reinstalled wire/Load restored		NE	7	657	865	1	58	2333	14717	
65	98		June	9	ОН	Foreign contact/Balloons/Feeder tripped/ Permanent repairs made/All load restored	Benning Road w/o 36th Street, NE	NE	7	1913	2239	3	26	2,171	15710	
73	108		June	20	ОН	Vegetation/Tree limbs/Wire down/Feeder tripped/ Reinstalled wire Restoring all load	400 block of 33rd Street, SE	SE	7	1950	2109	1	19	438	99	
83	124		July	10	OH	Cable cut/Contractor cut tap/Switch opened/ Permanent repairs Equipment failure/Transformer failed/Fuse opened/ Replaced	900 block of 49th Street, NE 500 block of 25th Place, NE	SE	7	1429	1443	0	14	698	15707	
86	128		July	15	UG	transformer/Load restored Vegetation/Tree limb on wires/Permanent repairs made/Feeder	53rd Street n/o B Street. SE	NE	7	1139	1707	5	28	129	14711	
90	135		July	23	OH	tripped /Load restored Vegetation/Tree limb on wires/Feeder tripped /Removed tree	Ridge Road se/o Ely Place, SE	SE	7	1415	1438	0	23	751	372	
90	137		July	23	ОН	limb/Load restored	4300 block of Texas Avenue, SE	SE	7	728	934	2	6	240	380	
90 97	138 150		July August	23 9	OH	Motor vehicle/Wires down/Feeder tripped/ Permanent repairs made/All load restored Unknown/ Patrolled feeder no fault found/Closed. Load restored	49th Street and Nash Street, NE	SE NE	7	1146 1624	1412 1704	0	23 40	240 487	380 14717	
100	153		August	15	ОН	Equipment failure/Wires down/Feeder tripped /Isolated	3200 block of Pennsylvania Avenue, SE	SE	7	1656	1753	0	57	135	118	
105	160		August	21	ОН	fault/Closed, restoring all load Weather/Lightning/Transformer failed/Replaced	Sycamore Road and Central Avenue, NE	NE	7	2014	0435 (8/22)	8	21	22	369	
105	161		August	21	ОН	transformer/Restoring all load Equipment failure/Device opened/Found tap burned off/Permaner	t53rd Street and Bass Place, SE	SE	7	1957	1037 (8/22)	14	40	14	14809	
,						repairs made					, ,	Ė	Ė			
	#	of Outages		17							rs Affected			8,485		
1 4	1 5		January January	8	OH	Weather/Wind/Wires down/Replaced Wires/Restoring all load Animal/Squirrel/Fuse blown/Replaced fuse/All load restored	Darrington Street e/o 6th Street, SE 12th Street s/o Savannah Street, SE	SE	8	2046 1051	0544 (1/5) 1145	8	58 54	2 103	183 15175	
13	17		February	3	ОН	Motor Vehicle/Pole broken/Fuses blown/Tie made/ Replaced fuses/Load restored/Referred to OH for permanent repairs	Naylor Road, SE n/o Denver Street, SE	SE	8	341	618	2	36	421	15173	
23	31		February	23	ОН	Motor Vehicle/Pole struck/Wires down/Fuse blown/Isolated damage/Replaced fuse/Load restored	Mississippi Avenue, SE and Wayne Place, SE	SE	8	2234	2341	1	7	158	14755	
24	32		March	7	ОН	Equipment failure/Wires down/Feeder tripped/ Permanent repairs made/Load restored	Danbury Street e/o Martin Luther King Jr. Avenue SW	SW	8	328	549	2	21	2,156	14758	
41	55		May	3	UG	Equipment failure/Cable fault/Fuse blown/Isolated fault/Replaced fuse/Referred to the URD Department for permanent repairs	Stanton Terrace SE n/o Frederick Place, SE	SE	8	1011	1327	3	16	115	15170	
42	56		May	4	ОН	Foreign contact/Balloons/Feeder tripped/Removed balloons/Closed. Load restored	16th and U Street, SE	SE	8	1945	2000	0	15	350	177	
43	58		May	4	UG	Equipment failure/STOF box failed/Fuse blown/ Isolated STOF	Talbert Street and Martin Luther King Jr. Avenue,	SE	8	2051 (5/4)	715	10	24	52	56	
44	60		May	6	UG	box/Replaced fuse/Restoring all load Equipment failure/Cable fault/Fuse blown/Isolated fault/Load	SE 15th Place and Stanton Road, SE	SE	8	956	1230	2	34	256	15170	
49	67		May	15	UG	restored Equipment failure/Cable fault/Fuse blown/ Isolated fault/Replaced	Bruce Place, SE e/o 12th Place, SE	SE	8	1635	1743	1	8	122	15172	
53	75			20	UG	fuse/ Load restored Equipment failure/Cable fault/Isolated fault/Made tie/Restored all	Stanton Terrace w/o 15th Place, SE	SE	8	1540	1802	2	22	371	15172	
			May			load/Referred to the URD Department for permanent repairs Vegetation/Tree down/Wires down/Feeder tripped/Reinstalled	2300 block of Savannah Street, SE									
56	82		May	25	OH	wires/ Restoring all load Animal/Squirrel/ACR Burned/Isolated ACR/Made tie/Load restore	Martin Luther King Jr. Avenue and Blue Plains	SE	8	916	924	0	8	1,838	15173	
56	84		May	25	OH	Unknown/Fuse blown/NO cause found/Replaced fuse/Restored a	Drive, SE	SE	8	1116	1218	1	2	389	14758	
61	91		June	4	OH	load Equipment failure/meter/Found meter removed and pie	2900 block of 2nd Street, SE	SE	8	641	936	2	55	122	15175	
62	94		June	5	ОН	plated/Referred to the Meter Department to install new meter		SE	8	904	1806	9	2	1	15166	
	104		June	15	UG	Equipment failure/Cable failure/Fuse blown/ Isolated fault/Made tie/All load restored	5th Place ne/o Congress Place, SE	SE	8	642	9188	2	36	124	15170	
70					i .	Unknown/Fuse blown/Patrolled feeder no faults found/Replaced	11th Place and Alabama Avenue, SE	SE	8	615	812	1	57	104	15175	
70 82	121		July	8	ОН	fuse/Restoring all load		OL.	٠	0.0	- · · · ·		37	104	13173	
	121 127		July	12	ОН		25th Street n/o Alabama Avenue, SE Martin Luther King Jr. Avenue and Stanton Road,	SE	8	1016	1025	0	9	1272	15174	

Report Sequence Number	Outage Sequence Number	Manhole Sequence Number*		Day of Outage	эп ю но	Outage Cause/ Incident Description	Location	Quadrant	Ward	Time of Outage/ Incident	Actual Restoration Time	Duratio Outa Hours	ge	Max No. of Cust. Affected	Feeder No.	Feeder No.
90	134		July	23	ОН	Vegetation/Tree down/Wires down/Reinstalled wires/Load restore	B200 block of 15th Place, SE	SE	8	852	1813	9	21	1	15172	
90	136		July	23			Vicinity of Howard Road and Firth and Sterling Avenue, SE	SE	8	49	548	4	59	2198	15176	15177
97	148		August	9		Equipment failure/Feeder tripped/Found animal guards damaged/Tap burned in clear/Remade tap/ Closed, restoring all load	15th Place n/o Alabama Avenue, SE	SE	89	650	731	0	41	1,121	15177	
102	155		August	17	UG	Employee/Dig in/Contractor moved and damaged cable/Permaner repairs made/Replaced fuse/ Restoring all load	South Capitol Street and Firth and Sterling Avenue, SE	SE	8	1130	1939	8	9	1	15176	
	- 1	of Outage	s	23						Custome	rs Affected			13,113		

Attachment 1-5

_						2018 Non-Major Outage Reporting to the I	rubiic Service Commission of the bist	iici o	Column	<u>//u</u>						
Report Sequence Number	Outage Sequence Number	Manhole Sequence Number*	Month	Day of Outage	OH or UG	Outage Cause/ Incident Description	Location	Quadrant	Ward	Time of Outage/ Incident	Actual Restoration Time	Durati Outa Hours	age	Max No. of Cust. Affected	Feeder No.	Feeder No.
3	4		January	7	ОН		61st Street and Clay Street, NE	NE	7	346	524	1	38	128	366	
7	10		January	12	ОН	Equipment failure/Switch opened/Tap burned off regulator/Isolated fault/By-passed switch/Load restored	inarewood Street s/o Taylor Street, NE	NE	5	1142	15001	3	19	466	15013	
9	13		January	18	UG	Equipment failure/Fuse blown/Corroded fuse holder found in trans closure/Replaced fuse/ Restored all load	Summit Court and Fort Lincoln Drive, NE	NE	5	1128	1810	6	42	128	15094	
11	45			05	UG	Equipment failure/Cable failure/Found cable burned at duct	Neal Street sw/o Montello Avenue, NE	NE	5	616	1316	-	0	100	14712	
- "	15		January	25	UG	edge/Replaced cable/All load restored	12th and Irving Streets, NF	NE	5	010	1310	7	U	100	14/12	
17	22		February	14	UG	Employee/Bus tripped/Employee inadvertently tripped a 13kV Bus/The Breaker was closed all load restored	12th and Irving Streets, NE	NE	5	942	953	0	12	3225		
17			February	14	UG	See above Unknown/Blown fuse/Patrolled feeder no cause found/Replaced	See above Rhode Island Avenue and Franklin Street, NE	NE	1	942	953	0	12	345		
19	26		February	19	ОН	fuse/Load restored	Kiloue Island Avenue and Franklin Street, NE	NE	5	818	951	1	33	142	14014	
21	29		February	21	ОН	Motor vehicle/Three poles broken/Poles replaced/Load restored Equipment failure/Module failed/Fuse blown/ Repaired	South Dakota Avenue, and Bladensburg Road, N 300 block of D Street, NE		5	750	2349	15	59	44	14016	
22	30		February	22	UG	module/Replaced fuse/Load restored	ood block of B Greek, NE	NE	6	1252	1444	1	52	138	14787	
25	35		March	17	UG	Equipment failure/Fuse blown/Cable fault/ Isolated cable fault/Loa restored	d1300 block of Bladensburg Road, NE	NE	5	1246	1537	2	51	183	15703	
30	40		March	31	UG	Equipment failure/Cable failure/Isolated fault/Made tie/Load	24th Place, NE w/o Bladensburg Road, NE	NE	5	904	1301	1	27	342	14019	
_						restored Employee/Pole down/Wires down/Fuse blown /Isolated downed	1700 block of Hamilton Street, NE	-								
32	44		April	5	ОН	wires/Replaced fuse/Load restored	,	NE	5	1149	1304	1	15	141	14014	
33	45		April	11	ОН	Equipment failure/Feeder tripped/B phase cutout defective/Replaced cutout/Load restored	1300 block of Bladensburg Road, NE	NE	5	410	530	2	15	183	15703	
34	46		April	16	UG	Equipment failure/Fuse blown/Cable fault/Isolated fault/replaced	19th Street and M Street, NE	NE	5	1037	1452	4	15	211	15703	
						fuse/Load restored Foreign contact/Fuse blown/Cross arm brace contacted	13th Street and Hamilton Street, NE	-								
34	47		April	16	ОН	fuse/Replaced fuse/Load restored		NE	5	256	505	2	9	191	15198	
37	50		April	21	UG	Equipment failure/Cable failure/Blown fuse /Isolated fault/Made tie/Load restored	3000 block of Gentain Court, NE	NE	5	736	1125	3	49	103	14200	1
46	63		May	10	ОН	Animal/Squirrel/Feeder tripped/Permanent repairs made/Load	12th Street and Monroe Street, NE	NE	5	720	841	1	21	297	14015	
						restored Equipment failure/Transformer failed/Fuse blown/ Replaced	2200 block of Adams Place, NE	-								
47	64		May	13	UG	transformer/Replaced fuse/Load restored		NE	5	1141	1953	8	12	3	14093	
48	65		May	14	ОН	Weather/Wind/Feeder tripped/Wires wrapped together/Unwrapped wires/Closed, Load restored	ibreniwood road w/o 13th Street, NE	NE	5	1920	1953	0	33	512	14023	
48	66		May	14	ОН	Weather/Lightning/Fuse blown/Replaced fuse/ Load restored Vegetation/Trees on wire/Feeder tripped/Removed trees/Closed, a	14th Street and Downing Street, NE 4th Street and Lincoln Road, NE	NE	5	2202	2252	0	50	148	14008	
52	73		May	19	ОН	load restored	mun Street and Enconn Road, NE	NE	5	13	142	1	29	1,447	14200	
60	90		June	3	ОН	Equipment failure/Wire down/Connection burned/ Feeder tripped/Reinstalled wire/Load restored	4900 block of Nash Street, NE	NE	7	657	865	1	58	2333	14717	
62	93		June	5	UG	Equipment failure/Cable Fault/Isolated fault/Made tie/Restoring all	North Capitol Street n/o Michigan Avenue, NE	NE	5	309	428	1	19	104	14200	
65	97		June	9	OH	load	South Dakete Avenue and Bushanes Street NE	NE	5	1151	1441	2	50	981	14015	
65	98		June	9	ОН	Animal/Bird/ACR tripped/Wires down/Tie made/Load restored Foreign contact/Balloons/Feeder tripped/ Permanent repairs	South Dakota Avenue and Buchanan Street, NE Benning Road w/o 36th Street, NE	NE	5	1913	2239	3	26	22	15710	
65	90		June	9	ОН	made/All load restored See above	See above	NE	7	1913	2239	3	26	2,171	15710	
69	103		June	13	OH	Animal/Squirrel/Fuses blown/Replaced fuses /Restoring all load	Franklin Street and Rhode Island Avenue, NE	NE	5	640	936	2	56	141	14014	
72	107		June	18	OH	Unknown/Recloser tripped/Closed, ACR/ Restoring all load Equipment failure/Cable failure/Fuse blown /isolated fault/Load	Bladensburg Road sw/o 37th Avenue, NE 1600 bock of Layman Place, NE	NE	5	1345	1450	1	5	1039	14016	
74	109		June	21	ОН	restored	File Observational Naval Physics NIF	NE	5	1248	1533	2	45	298	15703	
76	111		June	24	UG	Equipment failure/Transformer failure/Replaced transformer/Load restored	Stri Street and Neal Place, NE	NE	5	1458	2350	8	52	24	14786	
76	112		June	24	ОН	Animal/Bird/Feeder tripped/Conductor off insulator/ Reinstalled conductor/Closed, restoring all load	Riggs Road and Berkshire Drive Hyattsville MD (Note: feeder crosses jurisdictional lines)	NE	5	759	906	1	7	642	15264	
78	114		June	29	UG	Equipment failure/Cable failure/Fuses blown /Isolated	21st Street and Maryland Avenue, NE	NE	5	2057	0048 (6/30)	3	51	693	15702	
76	114		Julie	29	00	fault/Replaced fuses/All load restored Equipment failure/Cable fault/Secondary cables burned/Replaced	1300 block of H Street NE		- 5	2037	0048 (0/30)	3	31	093	13/02	
	115	DC18-27	June	30	UG	cables/All load restored		NE	6	2236	1216 (7/2)	37	36	225	14535	
79	116		July	1	UG	Equipment failure/Cable failure/Isolated fault/Permanent repairs made/All load restored	900 block of G Street, NE	NE	6	321	1433	11	12	128	15702	
79	117		July	1	UG	Equipment failure/Cable failure/Fuse opened/Isolated	10th and I Streets, NE	NE	5	418	936	5	18	123	14151	
79	117		July	1	UG	fault/Restoring load See above	See above	NE	6	418	936	5	18	250	14151	
79	118		July	1	ОН	Equipment failure/Cable failure/Feeder tripped /Isolated	3400 Benning Road, NE	NE	5	2219	2359	1	40	2682	15701	
79			July	1	ОН	fault/Closed, restoring all load See above	See above	NE	6	2219	2359	1	40	171	15701	
86	128		July	15	UG	Equipment failure/Transformer failed/Fuse opened/ Replaced transformer/Load restored	500 block of 25th Place, NE	NE	7	1139	1707	5	28	129	14711	
88	130		haba	17	ОН	Weather/Lightning/Blown fuse/Replaced fuse/ Closed all load	300 block of Taylor Street, NE	NE	5	1542	1819	2	37	154	15013	
- 00	130		July	17	ОП	restored Equipment failure/Cable failure/Fuse blown/ Isolated fault/Replace	300 block of E Street NE	INE	3	1342	1019		31	134	10013	
89	132		July	22	UG	fuse/Restored load		NE	5	25	332	3	7	178	14787	
97	147		August	9	UG	Equipment Failure/Fuse blown/C phase elbow blown/Replaced module/Restoring load	8th Street and I Street, NE	NE	6	802	2026	12	24	663	14787	
97	149		August	9	ОН	Animal/Squirrel/Fuse blown/Replaced animal guard/Replaced	Corcoran Street n/o Mount Olivet Road, NE	NE	5	640	911	2	31	113	15701	
97	150		August	9		fuse/Restoring all load Unknown/ Patrolled feeder no fault found/Closed, Load restored	49th Street and Nash Street NF	NE	7	1624	1704	0	40	487	14717	
105	160		August	21	ОН	Weather/Lightning/Transformer failed/Replaced	Sycamore Road and Central Avenue, NE	NE	7	2014	0435 (8/22)	8	21	22	369	
						transformer/Restoring all load Animal/Squirrel on Chanel Riser/Feeder tripped/ Isolated	13th Street s/o Kearny Street, NE									
107	164		August	26	ОН	fault/Closed, Restoring all load	-	NE	5	649	758	1	9	586	14007	
110	170	<u></u>	August	29	ОН	Equipment failure/Switch burned/Permanent repairs made/Restoring all load	10th Street e/o Franklin Street, NE	NE	5	1808	1921	1	12	726	14009	
		# of Outage	1	43					Custom	ers Affected				23562		
		. o. outage		3					_ 4000111					20002		
2	3		January	5	UG	Equipment failure/Transformers failed/Temporary repairs made/Load restored	5th Street and M Street, NW	NW	6	651	234	19	43	202	15206	
5	6		January	9	UG	Cable cut/Fuse blown/Isolated fault/Made tie/ Restored load	13th Street n/o Q Street, NW	NW	1	1043	1854	8	11	85	15204W	
5			January January	9	UG	See Above See Above	13th Street n/o Q Street, NW 13th Street n/o Q Street, NW	NW	6	1043 1043	1854 1854	9	11	212 128	15204W 15204W	
7	9		January	12	ОН	Equipment failure/Wires down/Feeders tripped/Reinstalled	Blair Road and Oglethorpe Street, NW	NW	4	437	10337	6	0	1525	15014	15013
7	-		January	12	ОН	wires/Load restored See above	See above	NW	5	437	1037	6	0	1,444	15014	15013
8	11		January	15	UG	Equipment failure/Cable failure/Permanent repairs made to	Randolph Place s/o 1st Street, NW	NW	5	46	57	0	10	125	14004	
						cable/All load restored Equipment failure/Feeder tripped/Regulator failed /Isolated	Allison Street and Iowa Avenue, NW	-						4000	15407	-
12	16		January	29	OH	regulator/Made tie/Load restored		NW	4	505	735	2	30	1369	15197	
14	18		February	4	UG	Equipment failure/Feeder tripped/Blown pothead/Replaced pot	18th And Vernon Street, NW Rodman Street w/o Tilden Street, NW	NW	1 3	1903	354 (2/5)	8	51 44	273	14736	
14	19		February			head/Load restored Equipment failure/Cable failure/Switch opened /Isolated fault/Mad-		-	3	1616	0100 (2/5)	8		273	144	
16	21		February	12	UG	tie/All load restored		NW	3	1257	1454	1	57	494	309	
18	24		February	18	UG	Equipment failure/Transformer failed/Fuse Blown/ Replaced transformer/Replaced fuse/Load restored	Massachusetts Avenue e/o Warren Street, NW	NW	3	907	0044 (2/19)	15	37	3	14766	
20	27		February	20	ОН	Equipment failure/Recloser tripped/Cable fault in riser/Isolated	16th Street and Kalmia Road, NW	NW	4	1551	1659	1	8	1593	15199	
20	28	DC18-12		20	UG	fault/Closed, all load restored Equipment failure/Cable failure/Replaced cable/Load restored	3200 block of N Street, NW	NW	2	2007	0500 (2/21)	8	53	1593	15199	
24	33	DO10-12	March	7		Weather/Wind/Wire down/Replaced service wire/Load restored	Macomb Street w/o 36th Street, NW	NW	3	720	1606	8	46	1	14555	
27	37		March	25	UG	Equipment failure/Cable failure/Duct damaged/ Isolated fault/Temporary repairs made	Florida Avenue, NW e/o 14th Street, NW	NW	1	1055	1930	8	35	1	15761	
28	38		March	27	UG	Equipment failure/Protector failed/Crew checked for safety/Feeder	9th Street and D Street, NW	NW	2	403	440	0	37	119	14574	
						closed and held/All load restored Equipment failure/Cable failure/Isolated fault/Made tie/Load	Ellicott Street, NW e/o Connecticut Avenue, NW	-								
29	39		March	30	UG	restored	,	NW	3	757	939	1	42	907	14135	
31	41		April	4	ОН	Wind/Wires wrapped together/Feeder tripped /unwrapped wires/Load restored	4700 block AND 4800 block of 4th Street, NW	NW	4	1417	1539	1	22	1,641	15003	489
						i e e e e e e e e e e e e e e e e e e e										

	r					2018 Non-Major Outage Reporting to the F	-ubiic Service Commission of the bish	nict o	Colum	<u>Jia</u>						
Report Sequence Number	Outage Sequence Number	Manhole Sequence Number*	Month	Day of Outage	OH or UG	Outage Cause/ Incident Description	Location	Quadrant	Ward	Time of Outage/ Incident	Actual Restoration Time	Durati Outa Hours	age	Max No. of Cust. Affected	Feeder No.	Feeder No.
31	42		April	4	ОН	Wires/Load restored Wind/Wires wranned together/Feeder tripped /unwranned	4700 block AND 4800 block of 4th Street, NW	NW	4	1620	1655	0	35	1666	15003	
31	43		April	4	ОН	wires/Installed space savers/Load restored Vegetation/Tree on wires/Poles broken /Transformer	4700 block AND 4800 block of 4th Street, NW 29th Street s/o Military Road, NW	NW	4	1744	1912	1	28	1503	15003	
36	49		April	19	OH	failed/Replaced poles/ Replaced transformer	300 block of Bryant Street, NW	NW	4	1509	0830 (4/20)	17	21	12	133	
38 38	51 52		April April	24 24	UG	Transformer/Replaced fuse/Load restored	1800 block of Belmont Road, NW	NW	1	253 1455	306 2105	5	13	730 446	15769 14732	
39	53		April	26	UG	Equipment failure/Transformer failed/Blown fuse /Replaced transformer/Replaced fuse/Load restored	3200 block of Hiatt Place, NW	NW	5	150	800	6	10	282	15991	
40	54		May	2	UG	Equipment failure/Module failed/Elbow blown/ Fuse blown /Replaced module, elbow and fuse /Load restored	19th Street and Kalorama Road, NW	NW	1	1611	2249	6	38	346	14733	
42	57		May	4	UG	tie/Load restored	Between 300 block of Manor Place and Luray Place, NW	NW	1	1000	1425	4	25	242	14057	
43	59		May	5	ОН	Equipment failure/Cable failure/Feeder tripped/ Fuse blown/Isolate fault/Made tie/Replaced fuse/Load restored		NW	3	143	425	2	42	491	90W309	
45	62		May	7	UG	module and elbow/Load restored	1800 block of 19th Street, NW	NW	6	1353	1817	4	24	234	15204R	
45 50	69		May May	7 16	UG		See above Lamont Street and Sherman Avenue, NW	NW	1	1353 428	1817 650	2	24	48 364	15204R 14729	
51	70		May	18	ОН		4500 block of Dexter Street, NW	NW	3	607	1713	11	6	24	132	
52	71		May	19	ОН		Overlook Road n/o Overlook lane, NW	NW	3	634	1811	11	37	7	64	
52	72		May	19	ОН	Equipment failure/Blown Branch Joint/Feeder tripped/Isolated fault/Closed, Load restored	Massachusetts Avenue at Nebraska Avenue, NW	NW	3	549	819	2	30	1104	14132	
53	74		May	19	UG	Equipment failure/Cable fault/Blown fuse/Duct line damaged/Temporary repairs made/Load restored	Irving Street w/o North Capitol Street, NW	NW	5	1740 (5/19)	1158	18	18	1	14200	
54 54	76 77		May May	21	UG OH	Weather/Lighting/Fuse blown/Pole on fire/ Permanent repairs	16th Street and Meridian Place, NW Underwood Place e/o 1st Street, NW	NW NW	1 4	1458 (5/21) 1641	105 1802	10	7 21	27 494	15992 15200	
54	78		May	22	ОН	made/Replaced fuse/Load restored Vegetation/Tree on Wires/Switch opened/Wires wrapped/C phase	14th Street and Rittenhouse Street, NW	NW	4	1823	1906	0	43	680	15021	
55	79		May	23	ОН	of insulator/Removed tree/ Unwrapped wires/Replaced C Vegetation/Tree on wire/Feeder tripped/Fuse blown/Replaced	2800 block of Albemarle Road, NW	NW	3	1202	1509	3	7	315	14133	
55	80		May	23	ОН	fuse/Made tie/All load restored Vegetation/Wire down due to tree limb/Feeder tripped/Replaced wire/Closed, load restored	14th Street and Rittenhouse Street, NW	NW	4	1107	1441	3	34	2,215	15021	
55	81		May	23	UG		3700 block of 39th Street, NW	NW	3	413	737	3	21	248	14136	
56	83		May	25	UG	Equipment failure/Cable failure/Replaced cable/Load restored	600 block of 3rd Street, NW 3600 block of 38th Street, NW	NW	2	105	1748	16	43	1	15454	
57	85		May	29	UG	tie/Restoring all load	1300 block of 5th Street, NW	NW	3	458	851	3	53	229	14150	
58	86		May	31	UG	tie/Restoring all load	1300 block of Tewkesbury Place, NW	NW	6	310	1244	9	34	162	15204W	
58	87		May	31	OH	blown/Cable fault/Isolated fault/Made tie /Closed, restoring all load Equipment failure/Cable failure/Feeder tripped/ Recloser	Connecticut Avenue and Nebraska Avenue, NW	NW	4	454	747	2	52	2,215	15021	
59	88	DC18-24	May	31	UG	tripped/The crew isolated the fault/ Closed, Restoring all load Animal/Squirrel/Feeder tripped/Closed, restoring all load/Referred	1300 block of Irving Street, NW	NW	5	718 832	1313	5	55 35	476 2209	14135	
61	92		June	4	UG	to OH to replace animal guards Equipment failure/Service cable burned/Replaced service cable/A	129th Street and Dumbarton Street, NW	NW	2	1552	0313 (6/5)	11	21	1	15996	
63	95		June	7	UG		4th Street and N Street, NW	NW	6	1452	2335	6	43	2	14401	
64	96		June	8	UG	restored	Vicinity of Quebec Place, NW and Spring Road, NW	NW	1	154	638	4	44	38	14054	
64	99		June June	10	UG OH		See above Connecticut Avenue and Quincy Street Chevy Chase MD (Note: feeder crosses jurisdictional	NW	4	154 853	638 944	0	51	209 347	14054 14896	
67	100		June	11	ОН	Vegetation/Pole broken/Replaced pole/Permanent repairs made/A load restored		NW	4	1019	1948	9	29	10	133	
68	101		June	12	ОН		39th Street n/o Fulton Street, NW	NW	3	725	921	1	56	1372	14136	
69 72	102 106		June June	13 18	UG		16th Street and Floral Street, NW 5300 block of 27th Street, NW	NW NW	4	331 720	1333 1525	10	5	7	15199 133	
75	110		June	23	UG		11th Street and O Street, NW	NW	2	552	857	3	5	197	15204R	
77	113		June	28	ОН		40th Place and W Street, NW	NW	3	1139	1314	1	35	132	14132	
80	119		July	3	UG		9th and P Street, NW	NW	2	813	14345	6	21	265	15207R	
80			July	3	UG		See above 9th and East Capitol Streets, NW	NW	6	813	1434	6	21	266	15207R	
81	120		July	4	UG	tie/Restoring all load	15th Street and V Street, NW	NW	6	1728	2236	5	8	332	15875	
83	122		July	10	UG	transformer/Replaced fuse	See above	NW	1 2	739 739	1745 1745	10	6	190 53	15764 15764	
84	126		July	10	UG	Equipment failure/Cable burned in half in Manhole/ Temporary repairs made/Referred to UG to heavy up cable	31st Street and Q Street, NW	NW	2	1702 (7/10)	114	8	12	3	15996	
87	129		July	16	UG	fault/Replaced fuse/Load restored	2500 block of Massachusetts Avenue, NW	NW	2	115	450	3	35	115	14733	
90	133		July	23	UG		300 block of M Street, NW	NW	6	1352	2153	8	1	3	15206	
	139		July	25	UG	Equipment failure/Cable failure/Feeder tripped/ Isolated fault/Made tie/Closed, restoring all load		NW	4	1943	2020	0	37	413	414	
91	140 142		July August	25 3	UG OH	Load/Cable failure/Replaced six limiters in MH/Load restored Vegetation/Tree down/Poles down/Wires down /Replaced poles/Reinstalled wires/All load restored	500 block of 12th Street, NW 3800 block of 52nd Avenue, NW	NW	3	1203 2215	2330 1120 (8/4)	11	26 5	10	14562 144	
94	143		August	5	UG		39th Street and Langley Court, NW	NW	3	1446	1953	5	7	229	14150	
95	144		August	5	UG	Equipment failure/Cable failure/Temporary repairs made/Referred to the UG Department for permanent repairs/Load restored	1200 block of Quincy Street, NW	NW	4	1735 (8/5)	550	12	15	4	14054	
96	145		August	7	ОН	Vegetation/Tree limbs/Wires down/Removed tree limb/Permanent repairs made/Load restored	3000 block of Davenport Street, NW	NW	3	1607 (8/7)	112	9	5	1	14135	
98	151		August	10	ОН	Employee/Equipment failure/Fuse blown/Flash guard found melter due to improperly closed cutout/Replaced cutout/Replaced		NW	5	2300	0032 (8/11)	1	32	109	14009	
99	152		August	13	ОН	opened/Permanent repairs made/ Restoring all load	5500 block of MacArthur Boulevard, NW	NW	3	1647	2219	5	32	971	14767	
101	154		August	16	UG	Equipment failure/Transition joint blown/Feeder tripped/Permanen repairs made /Closed, restoring all load		NW	6	1311	1716	4	5	662	14786	
101			August August	16 16	UG	see above	see above See above Magazthur Rouleyard pla Cathodral Avenue NW	NW	5 2	1311 1311	1716 1716	4	5	540 25	14786 14786	
103	156		August	19	ОН	sleeve/ Permanent repairs made/Closed, restoring all load	Macarthur Boulevard n/o Cathedral Avenue, NW Harvard Street and Sherman Avenue, NW	NW	3	712	930	2	18	1009	14767	<u> </u>
104	157		August	20	UG	tie/Load restored Equipment failure/Cable failure/Feeder tripped/ Permanent repairs		NW	1	1847	2229	3	42	183	14729	<u> </u>
104	158		August	20	UG	made/All load restored Equipment failure/Multiple cable faults/Fuses blown/Isolated	Colombia Road and Georgia Avenue, NW	NW	2	1820	0500 (8/21)	10	40	9	38	
105	159		August	21	UG	faults/Made tie/Replaced fuses /Load restored	4600 block of 47th Street, NW	NW	1	735	0533 (8/22)	22	18	562	15986	14729
105	162		August	21	OH	connection/Restoring load	Greene Place and MacArthur Boulevard, NW	NW	3	1659	653 (8/22)	13	54	1	308	
106	163		August	25	ОН	load		NW	3	1901	2223	3	22	598	15801	

						2018 Non-Major Outage Reporting to the Pu	abile convice commission of the biot			_						
Report Sequence Number	Outage Sequence Number	Manhole Sequence Number*	Month	Day of Outage	OH or UG	Outage Cause/ Incident Description	Location	Quadrant	Ward	Time of Outage/ Incident	Actual Restoration Time	Duratio Outa Hours	ge	Max No. of Cust. Affected	Feeder No.	Feeder No.
108	165		August	27	ОН	Vegetation/Tree down/Pole broken/Fuse blown/ Replaced Robel/Replaced fuse/Restoring all load Equipment failure/Cable failure/Fuse blown/ Isolated fault/Replaced 19	Rodman Street nw/o 49th Street, NW 6th Street e/o Riggs Place, NW	NW	3	1851 (8/26)	456	10	5	25	144	
108	166		August	27	UG	fuse/Load restored Vegetation/Tree down/Pole broken/Cross arms broken/Wires 4	4th Street and Garfield Street, NW	NW	2	1119	1725	6	6	445	15764	
108	167		August	27	ОН	down/Fuses opened/Replaced pole/Replaced cross	300 block of Arkansas Avenue. NW	NW	3	1135	0110 (8/28)	13	35	14	132	
109	168		August	28	UG	restored	,	NW	4	1417	0001 (8/29)	9	43	1	15015	
109	169		August	28	UG	module/Replaced fuse/Load restored	6th Street e/o Riggs Place, NW	NW	2	2256	0356 (8/29)	5	0	455	15764	
110	171		August	29	UG	Equipment failure/Transformer failed/Fuse opened /Replaced transformer/All load restored	6th Street e/o Riggs Place, NW	NW	2	433	857	4	23	455	15764	1
	#	of Outage	s	80					Custome	ers Affected				37183		
1	1		January	4	ОН	Weather/Wind/Wires down/Replaced Wires/Restoring all load D	Darrington Street e/o 6th Street, SE	SE	8	2046	0544 (1/5)	8	58	2	183	
1	2		January	4	ОН	Equipment failure/Cable fault/Transformer failed/ Replaced cable N and transformer/All load restored	laylor Road n/o Gainesville Street, SE	SE	7	1425	0100 (1/5)	10	35	1	15173	
4	5		January	8	ОН		2th Street s/o Savannah Street, SE 5th Street and Pennsylvania Avenue, SE	SE	8	1051	1145	0	54	103	15175	
9	12		January	18	UG	on/Restored all load Motor Vehicle/Pole broken/Wires down/Replaced pole/Reattached N	•	SE	6	1821	220 (1/19)	7	59	205	227	
10	14		January	20	ОН	wires/All load restored		SE	7	1815	2350	5	36	240	479	
13	17		February	3	ОН	fuses/Load restored/Referred to OH for permanent repairs	laylor Road, SE n/o Denver Street, SE	SE	8	341	618	2	36	421	15173	
15	20		February	6	UG	Equipment failure/Transformer failed/Fuse blown /Replaced Transformer/Replaced fuse/All load restored	th and G Streets, SE	SE	6	1257	1827	5	3	223	16002	
17	23		February	14	UG	Equipment failure/Feeder tripped/Stof box failed/Isolated stof box/Temporary repairs made/Load restored	4th Street, SE n/o K Street, SE	SE	6	2025	0347 (2/15)	7	22	445		
19	25		February	19	UG		ith and G Street, SE	SE	6	1032	2100	10	28	1	16003	
23	31		February	23	ОН	Motor Vehicle/Pole struck/Wires down/Fuse blown/Isolated M	Mississippi Avenue, SE and Wayne Place, SE	SE	8	2234	2341	1	7	158	14755	
26	36		March	24	ОН		Ridge Road, SE n/o G Street, SE	SE	7	415	1257	8	42	9	451	
35	48		April	17	UG		th Street and G Street, SE	SE	6	1200	1419	2	19	279	16002	
41	55		May	3	UG	fuse/Referred to the URD Department for permanent repairs	Stanton Terrace SE n/o Frederick Place, SE	SE	8	1011	1327	3	16	115	15170	
42	56		May	4	ОН		6th and U Street, SE	SE	8	1945	2000	0	15	350	177	
43	58		May	4	UG	Equipment failure/STOF box failed/Fuse blown/ Isolated STOF T	albert Street and Martin Luther King Jr. Avenue,	SE	8	2051 (5/4)	715	10	24	52	56	
44	60		May	6	UG		5th Place and Stanton Road, SE	SE	8	956	1230	2	34	256	15170	
45	61		May	7	ОН	Vegetation/Tree down/Switch opened/Cross arm broken/Replaced3	100 block of Pennsylvania Avenue, SE	SF	7	1659	1959	3	0	449	118	
49	67		May	15	UG	cross arm/Restored all load Equipment failure/Cable fault/Fuse blown/ Isolated fault/Replaced B	Bruce Place, SE e/o 12th Place, SE	SE	8	1635	1743	1	8	122	15172	
50	68			16	UG	fuse/ Load restored Equipment failure/Transformer failed/Replaced transformer/All loads	4th and K Streets, SE	SE	6	1308	1735	4	27	169	227	212
			May			restored Equipment failure/Cable fault/Isolated fault/Made tie/Restored all S	Stanton Terrace w/o 15th Place, SE									212
53	75		May	20	UG	load/Referred to the URD Department for permanent repairs	300 block of Savannah Street, SE	SE	8	1540	1802	2	22	371	15170	
56	82		May	25	OH	wires/ Restoring all load Animal/Squirrel/ACR Burned/Isolated ACR/Made tie/Load restoredN	,	SE	8	916	924	0	8	1,838	15173	
56	84		May	25	ОН	D	Drive, SE	SE	8	1116	1218	1	2	389	14758	
61	91		June	4	ОН	Unknown/Fuse blown/NO cause found/Replaced fuse/Restored all 1 load		SE	8	641	936	2	55	122	15175	
62	94		June	5	ОН	plated/Referred to the Meter Department to install new meter	900 block of 2nd Street, SE	SE	8	904	1806	9	2	1	15166	
70	104		June	15	UG	Equipment failure/Cable failure/Fuse blown/ Isolated fault/Made tie/All load restored	ith Place ne/o Congress Place, SE	SE	8	642	9188	2	36	124	15170	
73	108		June	20	ОН	Vegetation/Tree limbs/Wire down/Feeder tripped/ Reinstalled wire 4 Restoring all load	00 block of 33rd Street, SE	SE	7	1950	2109	1	19	438	99	
82	121		July	8	ОН	Unknown/Fuse blown/Patrolled feeder no faults found/Replaced fuse/Restoring all load	1th Place and Alabama Avenue, SE	SE	8	615	812	1	57	104	15175	
83	123		July	10	UG	Equipment failure/After opening switch for maintenance the switch failed to close/Closed switch/ restoring all load	200 block of 4th Street, SE	SE	6	1941	2000	0	19	121	16329	
83	124		July	10	ОН		00 block of 49th Street, NE	SE	7	1429	1443	0	14	698	15707	
83	125		July	10	ОН	Animal/Squirrel on Wire/Feeder tripped/Closed, Feeder/Restoring K	Kennedy Street w/o 1st Street, NE	SE	5	610	712	1	2	1873	15018	
85	127		July	12	ОН	all load Vegetation/Tree limb on wire/ACR tripped/ Removed tree limb/All 2:	5th Street n/o Alabama Avenue, SE	SE	8	1016	1025	0	9	1272	15174	
88	131		July	17	ОН		Martin Luther King Jr. Avenue and Stanton Road,	SE	8	1549	2324	7	35	1.836	15176	15177
90	134		July	23	ОН	restored S Vegetation/Tree down/Wires down/Reinstalled wires/Load restored:	SE 1200 block of 15th Place, SE	SE	8	852	1813	9	21	1,000	15172	
						Vegetation/Tree limb on wires/Permanent repairs made/Feeder 5:	3rd Street n/o B Street, SE	SE								
90	135		July	23	OH	tripped /Load restored Weather/Lightning/Tap burned off/Wires down/ Remade V	/icinity of Howard Road and Firth and Sterling		7	1415	1438	0	23	751	372	45.00
90	136		July	23	OH	tap/Reinstalled wires/All load restored A	Avenue, SE Ridge Road se/o Ely Place, SE	SE	8	49	548	4	59	2198	15176	15177
90	137		July	23	ОН	limb/Load restored	300 block of Texas Avenue, SE	SE	7	728	934	2	6	240	380	
90	138		July	23	ОН	made/All load restored	O Street w/o 17th Street, SE	SE	7	1146	1412	0	23	240	380	
92	141		July	30	UG	cable/Load restored		SE	6	126	1030	9	4	789	208	
97	148		August	9	ОН	damaged/Tap burned in clear/Remade tap/ Closed, restoring all	5th Place n/o Alabama Avenue, SE	SE	8	650	731	0	41	1,121	15177	
100	153		August	15	ОН	fault/Closed, restoring all load	200 block of Pennsylvania Avenue, SE	SE	7	1656	1753	0	57	135	118	
102	155		August	17	UG	Employee/Dig in/Contractor moved and damaged cable/Permaners repairs made/Replaced fuse/ Restoring all load A	South Capitol Street and Firth and Sterling Avenue, SE	SE	8	1130	1939	8	9	1	15176	
105	161		August	21	ОН	Equipment failure/Device opened/Found tap burned off/Permanent5: repairs made		SE	7	1957	1037 (8/22)	14	40	14	14809	
		of Outage	s	42				H	Custome	ers Affected				18277		
						Equipment failure/Cable fault/Feeder tripped/ Isolated fault/Made S	South Canital Street SE N/o B Ct+ CM			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
5	7		January	9	UG	tie/Restored load		SW	6	1030	1254	2	24	1229	16000	
6	8		January	10	ОН	Motor Vehicle/Pole broken/Feeder tripped/Isolated fault/Restored load		SW	6	1142	1243	1	1	1650	16001	
24	32		March	7	ОН		SW	SW	8	328	549	2	21	2,156	14758	_
25	34		March	17	ОН	Equipment failure/Wire down/ Recloser Tripped/ Cut in clear/Closed, load restored	00 block of V Street, SW	sw	6	1052	1230	1	33	1634	16001	
71	105		June	17	UG	Equipment failure/Cable failure/Feeder tripped/ Isolated fault/Load F. restored	ar East lane of I-395N in the 14th Street Bridge	SW	2	1145	0408 (6/16	16	23	28	233	
96	146		August	8	ОН	Animal/Squirrel/Fuse blown/Replaced animal guard/Replaced 1:	st and P Street, SW	SW	6	638	900	2	22	138	16001	
			-55	Ė		fuse/Restoring all load				-30		Ė	Ë	.50		
	#	of Outage	s	6					Custome	ers Affected				6835		
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Attachment 1-6

Attachment 1-6 Indices Page 42 of 63

Octobe	<mark>r 1, 2016 - 9</mark>	September 3	0, 2017
FEEDER	SAIF	SAID	CAIDI
29	1.404	198	141
38	1.000	108	108
52	0.009	1	123
53	1.383	545	394
59	0.150	50	333
60	0.094	1	12
63	0.040	1	20
64	1.169	496	425
65	0.006	2	362
66	0.009	1	136
74	0.005	0	16
75	1.179	290	246
76	0.550	68	123
82	0.003	0	7
84	2.120	674	318
86	0.730	35	47
87	1.022	86	84
91	0.333	369	1,107
96	0.906	229	253
97	0.035	9	249
99	0.002	0	165
101	0.093	15	166
102	0.133	25	185
117	1.014	133	131
118	2.471	437	177
119	0.005	1	104
128	0.008	1	140
132	0.012	1	78
133	0.029	19	640
141	0.009	2	210
144	4.230	315	75
164	0.197	32	163
165	1.157	556	481
167	0.053	2	44
177	0.015	3	204
178	0.994	84	84
181	0.150	14	94
183	0.420	36	85
199	0.012	0	19
205	0.012	0	19
208	1.018	122	120
209	1.027	534	520
210	0.162	3	19
211	0.005	1	196
212	0.012	0	6
223	1.097	7	6
227	0.004	1	305
228	0.049	15	299
229	0.150	21	141
230	0.846	297	352
233	1.622	416	257
244	0.094	4	46
292	1.008	340	338
294	0.013	4	330

	october 1 2	016 - Septem	her 30, 201	7
FEEDER	SAIF	SAID	CAIDI	SPC
14717	5.013	231	46	0.06091
14014	5.534	406	73	0.05979
15021	3.732	284	76	0.04171
15173	11.649	1,584	136	0.03955
15705	2.777	242	87	0.03221
15094	3.034	193	64	0.03094
15013	2.903	165	57	0.03010
15709	2.508	70	28	0.02969
15174	2.262	224	99	0.02884
15014	2.838	130	46	0.02297
14758	1.996	106	53	0.02150
15701	1.297	55	42	0.02001
15170	2.215	169	76	0.01934
14200	2.208	191	86	0.01733
14731	0.987	163	165	0.01728
15198	2.100	101	48	0.01727
15130	1.221	220	180	0.01586
15177	1.389	175	126	0.01563
14787	1.372	322	234	0.01503
14767	2.582	220	85	0.01405
15945	2.048	165	80	0.01344
14031	2.194	126	57	0.01332
15703	0.782	60	76	0.01327
15199	1.056	142	134	0.01252
14135	1.756	338	192	0.01237
15755	2.953	92	31	0.01198
14722	1.171	170	145	0.01192
84	2.120	674	318	0.01161
14755	1.224	107	87	0.01097
368	2.919	262	90	0.01031
14733	1.068	195	183	0.01029
15085	1.211	80	66	0.01005
15011	1.168	120	103	0.00888
15009	1.132	101	89	0.00875
14008	1.596	121	76	0.00873
118	2.471	437	177	0.00825
15197	0.984	88	89	0.00824
15012	0.369	55	149	0.00762
14900	0.888	92	103	0.00680
14057	1.178	156	133	0.00652
15758	0.520	121	233	0.00647
14017	1.012	55	55	0.00638
144	4.230	315	75	0.00614
15944	1.436	396	276	0.00608
15801	1.028	118	115	0.00604
15756	0.863	257	298	0.00591
15763	0.321	107	334	0.00553
209	1.027	534	520	0.00531
165	1.157	556	481	0.00509
14766	1.081	166	153	0.00303
53	1.383	545	394	0.00497
14145	1.171	149	127	0.00474
386	1.002	395	394	0.00474
490	1.484	85	57	0.00438
490	1.404	65	57	0.00433

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Octobe	<mark>r 1, 2016 - 9</mark>	September 3	0, 2017
FEEDER	SAIF	SAID	CAIDI
308	0.005	1	170
309	0.166	15	88
323	0.328	22	66
324	0.012	1	98
327	0.003	0	100
328	0.035	1	36
329	1.033	134	130
333	0.131	7	54
345	0.026	4	145
347	0.995	115	115
349	0.002	0	135
366	1.017	113	111
367	0.002	0	110
368	2.919	262	90
369	1.111	77	69
370	1.473	410	279
372	0.007	1	167
380	0.021	3	155
383	0.283	22	76
385	0.015	1	59
386	1.002	395	394
387	0.002	0	110
388	0.066	2	38
394	0.037	8	226
414	0.027	2	79
416	0.171	49	285
451	2.391	200	84
467	0.021	3	135
476	0.046	19	422
479	0.082	4	50
482	0.380	49	130
488	0.893	31	35
489	0.259	20	77
490	1.484	85	57
491	0.064	29	449
495	1.008	119	118
496	1.096	80	73
499	0.025	5	205
14001	0.098	6	61
14002	0.828	146	176
14004	0.180	25	139
14005	0.027	3	113
14006	0.001	9	170
14007 14008	0.102 1.596	121	90 76
14008	0.024	3	131
14009		9	
14010	0.049 5.534	406	192 73
14014	0.048	12	240
14015	0.048	67	202
14017	1.012	55	55
14017	1.000	72	72
14020	0.301	55	182
14022	0.106	14	135
14023	0.100	14	133

	nber 30, 201	7		
FFFDFR	SAIF	SAID	CAIDI	SPC
	27 111			
15204W	0.505	142	280	0.00424
15867	1.292	55	42	0.00407
14702	0.494	137	277	0.00405
208	1.018	122	120	0.00399
14054 495	0.322	70 119	216 118	0.00352
347	1.008 0.995	115	115	0.00351
15175	0.995	37	41	0.00345 0.00336
496	1.096	80	73	0.00333
15707	0.216	14	66	0.00333
14987	0.210	27	102	0.00330
64	1.169	496	425	0.00320
15710	0.294	13	44	0.00310
369	1.111	77	69	0.00314
15007	1.244	404	325	0.00313
14788	0.415	77	185	
75	1.179	290	246	0.00299 0.00299
15874	0.169	79	469	0.00299
15172	0.109	32	94	0.00298
488	0.893	31	35	0.00285
366	1.017	113	111	0.00283
451			84	
14035	2.391	200 90	342	0.00269
	0.264	37	164	0.00258
15016 14560	0.225	276	277	0.00248
	0.997			0.00240
14004 15166	0.180	25 18	139	0.00238
14150	0.181 0.360	74	100 204	0.00232
		74		0.00221
223	1.097		61	0.00216
14136 14002	0.429	26 146	176	0.00215 0.00209
14002	0.828 0.452	25		0.00209
14093	0.432	23	56 223	0.00207
14132	0.101	42	144	0.00203
14022	0.301	55	182	0.00202
87		86	84	
329	1.022 1.033	134	130	0.00201 0.00192
15204R	0.103	31	301	0.00192
15762	0.103	24	301	0.00184
14133	0.076	118	121	0.00183
15015	0.105	22	209	0.00178
76	0.103	68	123	0.00177
117	1.014	133	131	0.00177
15010	0.155	18	117	0.00175
15010	0.155	44	280	0.00166
15986	0.137	69	207	0.00104
14016	0.332	67	207	0.00138
15757	0.332	37	321	0.00144
14729	0.110	14	131	0.00142
15006	0.107	10	102	0.00139
86	0.096	35	47	0.00138
14541	0.730	120	262	0.00133
183	0.438	36	85	0.00132
15206		22	186	0.00131
15206	0.116	22	190	0.00121

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Octobo	r 1 2016 (September 3	0 2017
FEEDER	SAIF	SAID	CAIDI
14031	2.194	126	57
14035	0.264	90	342
14054	0.322	70	216
14055	0.992	7	7
14057	1.178	156	133
14058	1.342	219	163
14093	0.452	25	56
14132	0.288	42	144
14133	0.972	118	121
14135	1.756	338	192
14136	0.429	26	61
14145	1.171	149	127
14146	0.147	34	232
14150	0.360	74	204
14151	0.001	0	290
14200	2.208	191	86
14261	0.145	16	108
14305	0.003	0	27
14325	0.021	5	239
14360	0.001	0	270
14370	0.031	13	411
14372	0.002	0	165
14401	0.001	0	450
14418	0.083	24	288
14426	0.010	2	167
14518	0.059	12	196
14524	0.001	0	50
14528	0.002	0	200
14531	0.002	1	355
14535	0.002	0	80
14537	0.033	6	174
14538	0.003	0	150
14541	0.458	120	262
14544	0.697	433	622
14555	0.003	0	67
14556	0.026	1	42
14559	0.018	3	148
14560	0.997	276	277
14561	1.000	277	277
14562	1.000	277	277
14563	1.000	277	277
14564	1.062	294	277
14565	1.000	277	277
14570	0.018	0	21
14619	0.200	176	882
14700	0.006	0	75
14701	0.131	9	72
14702	0.494	137	277
14709	0.286	2	7
14712	0.074	9	123
14713	0.057	7	115
14715	0.053	4	78
14717	5.013	231	46
14718	8.000	798	100
10	3.550	. 30	.50

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FEEDER	SAIF	SAID	CAIDI	SPC
14701	0.131	9	72	0.00111
292	1.008	340	338	0.00111
14544	0.697	433	622	0.00110
370	1.473	410	279	0.00110
14261	0.145	16	108	0.00109
14713	0.143	7	115	0.00109
14712	0.037	9	123	0.00100
323	0.328	22	66	0.00101
14765		19	97	
178	0.196 0.994	84	84	0.00091 0.00090
29	1.404	198	141	0.00090
15761	0.074	23	308	
				0.00080
15943	0.046	13	283	0.00075
15991	0.240	56	231	0.00075
229	0.15	21	141	0.00070
14007	0.102	9	90	0.00068
14736	0.044	13	295	0.00067
00499a	0.395	80	203	0.00065
14146	0.147	34	232	0.00064
15171	0.078	6	79	0.00061
14023	0.106	14	135	0.00058
15702	0.031	5	176	0.00057
233	1.622	416	257	0.00057
383	0.283	22	76	0.00056
14055	0.992	7	7	0.00052
14015	0.048	12	240	0.00051
14563	1.000	277	277	0.00049
14786	0.053	10	192	0.00048
14752	0.072	3	43	0.00048
15461	0.061	3	43	0.00047
309	0.166	15	88	0.00045
15706	0.052	7	133	0.00044
15708	0.038	2	46	0.00042
15003	0.093	10	108	0.00041
230	0.846	297	352	0.00040
15950	0.250	31	125	0.00038
482	0.380	49	130	0.00038
14753	0.087	5	62	0.00037
205	0.012	0	19	0.00037
333	0.131	7	54	0.00037
14001	0.098	6	61	0.00036
15947	1.048	93	89	0.00036
15001	0.041	7	177	0.00036
15949	0.306	42	138	0.00035
489	0.259	20	77	0.00035
164	0.197	32	163	0.00035
14058	1.342	219	163	0.00033
102	0.133	25	185	0.00031
479	0.082	4	50	0.00031
15769	0.027	7	265	0.00029
210	0.162	3	19	0.00024
14009	0.024	3	131	0.00024
15996	0.046	4	78	0.00023
96	0.906	229	253	0.00023

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Octobe	r 1, 2016 - S	September 3	0, 2017
FEEDER	SAIF	SAID	CAIDI
14722	1.171	170	145
14726	0.002	0	70
14729	0.107	14	131
14731	0.987	163	165
14732	0.101	23	223
14733	1.068	195	183
14736	0.044	13	295
14752	0.072	3	43
14753	0.087	5	62
14755	1.224	107	87
14758	1.996	106	53
14765	0.196	19	97
14766	1.081	166	153
14767	2.582	220	85
14786	0.053	10	192
14787	1.372	322	234
14788	0.415	77	185
14890	0.007	1	104
14892	0.003	0	93
14900	0.888	92	103
14987	0.265	27	102
15001	0.041	7	177
15003	0.093	10	108
15004	0.005	1	162
15006	0.098	10	102
15007	1.244	404	325
15008	1.000	265	265
15009	1.132	101	89
15010	0.155	18	117
15011	1.168	120	103
15012	0.369	55	149
15013	2.903	165	57
15014	2.838	130	46
15015	0.105	22	209
15016	0.225	37	164
15021	3.732	284	76
15085	1.211	80	66
15094	3.034	193	64
15130	1.221	220	180
15166	0.181	18	100
15170	2.215	169	76
15171	0.078	6	79
15172	0.343	32	94
15173	11.649	1,584	136
15174	2.262	224	99
15175	0.895	37	41
15176	0.002	0	60
15177	1.389	175	126
15197	0.984	88	89
15198	2.100	101	48
15199	1.056	142	134
15206	0.116	22	186
15295	0.039	7	173
15319	0.043	10	237

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FEEDER	SAIF	SAID	CAIDI	SPC
181	0.150	14	94	0.00021
97	0.035	9	249	0.00020
15764	0.015	3	181	0.00020
416	0.171	49	285	0.00020
388	0.066	2	38	0.00020
14020	1.000	72	72	0.00018
14562	1.000	277	277	0.00018
133	0.029	19	640	0.00017
14565	1.000	277	277	0.00017
59	0.150	50	333	0.00017
244	0.094	4	46	0.00017
476	0.046	19	422	0.00016
491	0.064	29	449	0.00016
14564	1.062	294	277	0.00014
228	0.049	15	299	0.00013
101	0.093	15	166	0.00013
167	0.053	2	44	0.00013
91	0.333	369	1,107	0.00012
394	0.037	8	226	0.00008
414	0.027	2	79	0.00007
328	0.035	1	36	0.00007
385	0.015	1	59	0.00006
14005	0.027	3	113	0.00006
15711	0.909	100	110	0.00006
345	0.026	4	145	0.00006
467	0.021	3	135	0.00006
60	0.094	1	12	0.00005
38	1	108	108	0.00005
14561	1.000	277	277	0.00005
14718	8.000	798	100	0.00005
499	0.025	5	205	0.00004
14700	0.006	0	75	0.00004
15207R	0.004	1	160	0.00004
177	0.004	3	204	0.00004
14890	0.013	1	104	
				0.00003
14556	0.026	1	42	0.00003
372	0.007		167	0.00003
380	0.021	3	155	0.00003
15770	0.005	1	256	0.00003
65	0.006	2	362	0.00003
14372	0.002	0	165	0.00003
14360	0.001	0	270	0.00003
14535	0.002	0	80	0.00003
15875	0.002	0	180	0.00003
128	0.008	1	140	0.00002
63	0.040	1	20	0.00002
212	0.012	0	6	0.00002
211	0.005	1	196	0.00002
14555	0.003	0	67	0.00002
15295	0.039	7	173	0.00002
308	0.005	1	170	0.00002
227	0.004	1	305	0.00002
14709	0.286	2	7	0.00002
324	0.012	1	98	0.00002

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Octobe	<mark>r 1, 2016 - S</mark>	September 3	0, 2017
FEEDER	SAIF	SAID	CAIDI
15334	0.001	1	910
15339	0.001	0	90
15340	0.001	0	70
15341	0.001	0	160
15342	0.001	0	70
15343	0.001	0	130
15370	0.048	5	104
15461	0.061	3	43
15462	0.007	0	53
15463	0.001	0	140
15469	0.001	0	30
15638	1.000	187	187
15701	1.297	55	42
15702	0.031	5	176
15703	0.782	60	76
15705	2.777	242	87
15706	0.052	7	133
15707	0.216	14	66
15708	0.038	2	46
15709	2.508	70	28
15710	0.294	13	44
15711	0.909	100	110
15755	2.953	92	31
15756	0.863	257	298
15757	0.116	37	321
15758	0.520	121	233
15761	0.074	23	308
15762	0.078	24	302
15763	0.321	107	334
15764	0.015	3	181
15769	0.027	7	265
15770	0.005	1	256
15801	1.028	118	115
15867	1.292	55	42
15874	0.169	79	469
15875	0.002	0	180
15943	0.046	13	283
15944	1.436	396	276
15945	2.048	165	80
15947	1.048	93	89
15949	0.306	42	138
15950	0.250	31	125
15986	0.333	69	207
15991	0.240	56	231
15996	0.046	4	78
15997	0.157	44	280
00499a	0.395	80	203
15204R	0.103	31	301
15204W	0.505	142	280
15207R	0.004	1	160
15758	1.229	182	148
15761	0.008	2	262
15762	2.000	79	40
15763	1.002	50	50

October 1, 2016 - September 30, 2017											
FEEDER	SAIF	SAID	CAIDI	SPC							
14619	0.200	176	882	0.00002							
132	0.012	1	78	0.00002							
15334	0.001	1	910	0.00002							
15462	0.007	0	53	0.00002							
14010	0.049	9	192	0.00001							
14426	0.010	2	167	0.00001							
66	0.009	1	136	0.00001							
14006	0.001	0	170	0.00001							
119	0.005	1	104	0.00001							
387	0.002	0	110	0.00001							
15339	0.001	0	90	0.00001							
14401	0.001	0	450	0.00001							
14151	0.001	0	290	0.00001							
15176	0.002	0	60	0.00001							
14370	0.031	13	411	0.00001							
294	0.013	4	330	0.00001							
14531	0.002	1	355	0.00001							
14418	0.083	24	288	0.00001							
15008	1.000	265	265	0.00001							
14325	0.021	5	239	0.00001							
15319	0.043	10	237	0.00001							
141	0.009	2	210	0.00001							
14518	0.059	12	196	0.00001							
15638	1.000	187	187	0.00001							
15341											
	0.001	0	160	0.00001							
14537	0.033	6	174	0.00001							
14528	0.002	0	200	0.00001							
14538	0.003	0	150	0.00001							
349	0.002	0	135	0.00001							
15004	0.005	1	162	0.00001							
14559	0.018	3	148	0.00001							
99	0.002	0	165	0.00001							
52	0.009	1	123	0.00001							
367	0.002	0	110	0.00001							
15370	0.048	5	104	0.00001							
15343	0.001	0	130	0.00001							
14524	0.001	0	50	0.00001							
15463	0.001	0	140	0.00001							
327	0.003	0	100	0.00001							
14892	0.003	0	93	0.00001							
14726	0.002	0	70	0.00001							
14715	0.053	4	78	0.00001							
15342	0.001	0	70	0.00001							
15340	0.001	0	70	0.00001							
15469	0.001	0	30	0.00000							
14305	0.001	0	27	0.00000							
		0	21								
14570	0.018			0.00000							
199	0.012	0	19	0.00000							
74	0.005	0	16	0.00000							
82	0.003	0	7	0.00000							
14538	0.003	0	111	0.00518							
14528	0.002	0	33	0.00517							
209	0.002	0	56	0.00517							
14723	0.002	0	295	0.00517							

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Octobe	r 1, 2016 - S	September 3	
FEEDER	SAIF	SAID	CAIDI
15764	0.002	1	263
15769	1.892	110	58
15770	0.083	18	219
15801	1.501	195	130
15867	2.071	162	78
15874	0.007	1	141
15875	1.086	195	180
15943	0.907	44	48
15944	1.296	502	388
15945	0.075	20	264
15947	3.081	316	103
15949	0.305	62	203
15950	0.016	8	486
15986	1.727	523	303
15996	0.003	1	471
15997	0.003	0	145
38414	0.000	0	304
70369	0.000	0	31
71167	0.000	0	33
92082	0.000	0	7
93075	0.000	0	31
93394	0.000	0	0
100118	0.000	0	18
111451	0.000	0	9
152292	0.000	0	59
15204R	0.007	1	192
15204W	0.001	0	330
15207R	0.520	179	345
15207W	0.591	97	165

C	october 1, 20	016 - Septem	ber 30, 201	7
FEEDER	SAIF	SAID	CAIDI	SPC
14408	0.002	0	88	0.00517
15338	0.002	0	120	0.00517
14542	0.002	0	103	0.00517
212	0.002	0	74	0.00517
14571	0.002	0	240	0.00517
333	0.002	0	196	0.00517
14531	0.002	0	124	0.00517
223	0.002	0	127	0.00517
99	0.002	0	107	0.00517
15452	0.001	0	115	0.00517
14555	0.001	0	183	0.00517
14375	0.001	0	83	0.00517
15401	0.001	0	89	0.00517
15204W	0.001	0	330	0.00517
15455	0.001	0	124	0.00516
15336	0.001	0	185	0.00516
31	0	0	101	0.00000
343	0	0	111	0.00000
14022	0	0	78	0.00000
14812	0	0	226	0.00000
38414	0	0	304	0.00000
70369	0	0	31	0.00000
71167	0	0	33	0.00000
92082	0	0	7	0.00000
93075	0	0	31	0.00000
93394	0	0	0	0.00000
100118	0	0	18	0.00000
111451	0	0	9	0.00000
152292	0	0	59	0.00000

Attachment 1-7

Report Sequence Number	Outage Sequence Number	Manhole Sequence Number*	Month	Day of Outage	OH or UG	Outage Cause/ Incident Description	Location	Quadrant	Ward	Time of Outage/ Incident	Actual Restoration Time	Durat Outage	Hours	Max No. of Cust. Affected	Feeder No.	Feeder No.
1	2		January	4	ОН	Equipment failure/Cable fault/Transformer failed/ Replaced cabl and transformer/All load restored		SE	7	1425	0100 (1/5)	10	35	1	15173	
9	13		January	18	UG	Equipment failure/Fuse blown/Corroded fuse holder found in trans closure/Replaced fuse/ Restored all load	Summit Court and Fort Lincoln Drive, NE	NE	5	1128	1810	6	42	128	15094	
13	17		February	3	ОН	Motor Vehicle/Pole broken/Fuses blown/Tie made/ Replaced fuses/Load restored/Referred to OH for permanent repairs	Naylor Road, SE n/o Denver Street, SE	SE	8	341	618	2	36	421	15173	
14	19		February	4	ОН	Equipment failure/Feeder tripped/Blown pothead/Replaced pot head/l oad restored	Rodman Street w/o Tilden Street, NW	NW	3	1616	0100 (2/5)	8	44	273	144	
29	39		March	30	UG	Equipment failure/Cable failure/Isolated fault/Made tie/Load restored	Ellicott Street, NW e/o Connecticut Avenue, NW	NW	3	757	939	1	42	907	14135	
26	36		March	24	ОН	Motor vehicle/Pole broken/Transformer damaged/ Replaced pole/Replaced transformer	Ridge Road, SE n/o G Street, SE	SE	7	415	1257	8	42	9	451	
34	47		April	16	ОН	Foreign contact/Fuse blown/Cross arm brace contacted	13th Street and Hamilton Street, NE	NE	5	256	505	2	9	191	15198	
37	50		April	21	UG	fuse/Replaced fuse/Load restored Equipment failure/Cable failure/Blown fuse /Isolated fault/Made tie/Load restored	3000 block of Gentain Court, NE	NE	5	736	1125	3	49	103	14200	
41	55		May	3	UG	Equipment failure/Cable fault/Fuse blown/Isolated fault/Replace	tStanton Terrace SE n/o Frederick Place, SE	SE	8	1011	1327	3	16	115	15170	
44	60		May	6	UG	fuse/Referred to the URD Department for permanent repairs Equipment failure/Cable fault/Fuse blown/Isolated fault/Load	15th Place and Stanton Road, SE	SE	8	956	1230	2	34	256	15170	
45	61			7	ОН	restored Vegetation/Tree down/Switch opened/Cross arm	3100 block of Pennsylvania Avenue, NW	NW	7	1659	1959	3		449	118	
			May		OH	broken/Replaced cross arm/Restored all load Vegetation/Trees on wire/Feeder tripped/Removed trees/Closes	14th Street and Lincoln Road, NE						0		118	
52	73		May	19		all load restored Equipment failure/Cable fault/Blown fuse/Duct line	Irving Street w/o North Capitol Street, NW	NE	5	13	142	1	29	1,447		
53	74		May	19	UG	damaged/Temporary repairs made/Load restored Equipment failure/Cable fault/Isolated fault/Made tie/Restored a		NW	5	1740 (5/19)	1158	18	18	1	14200	
53	75		May	20	UG	load/Referred to the URD Department for permanent repairs	14th Street and Rittenhouse Street, NW	SE	8	1540	1802	2	22	371	15170	
54	78		May	22	ОН	Vegetation/Tree on Wires/Switch opened/Wires wrapped/C phase of insulator/Removed tree/ Unwrapped wires/Replaced C	·	NW	4	1823	1906	0	43	680	15021	
55	80		May	23	ОН	Vegetation/Wire down due to tree limb/Feeder tripped/Replaced wire/Closed, load restored	14th Street and Rittenhouse Street, NW	NW	4	1107	1441	3	34	2,215	15021	
56	82		May	25	ОН	Vegetation/Tree down/Wires down/Feeder tripped/Reinstalled wires/ Restoring all load	2300 block of Savannah Street, SE	SE	8	916	924	0	8	1,838	15173	
58	87		May	31	ОН	Equipment failure/Feeder tripped/Recloser tripped /Fuses blown/Cable fault/Isolated fault/Made tie /Closed, restoring all	1300 block of Tewkesbury Place, NW	NW	4	454	747	2	52	2,215	15021	
	88	DC18-24	May	31	UG	Equipment failure/Cable failure/Feeder tripped/ Recloser tripped/The crew isolated the fault/ Closed, Restoring all load	Connecticut Avenue and Nebraska Avenue, NW	NW	3	718	1313	5	55	476	14135	
62	93		June	5	UG	Equipment failure/Cable Fault/Isolated fault/Made tie/Restoring all load	North Capitol Street n/o Michigan Avenue, NE	NE	5	309	428	1	19	104	14200	
70	104		June	15	UG	Equipment failure/Cable failure/Fuse blown/ Isolated fault/Made tie/All load restored	5th Place ne/o Congress Place, SE	SE	8	642	9188	2	36	124	15170	
85	127		July	12	ОН	Vegetation/Tree limb on wire/ACR tripped/ Removed tree limb//	25th Street n/o Alabama Avenue, SE	SE	8	1016	1025	0	9	1272	15174	
93	142		August	3	ОН	Vegetation/Tree down/Poles down/Wires down /Replaced	3800 block of 52nd Avenue, NW	NW	3	2215	1120 (8/4)	13	5	10	144	
96	145		August	7	ОН	poles/Reinstalled wires/All load restored Vegetation/Tree limbs/Wires down/Removed tree	3000 block of Davenport Street, NW	NW	3	1607 (8/7)	112	9	5	1	14135	
99	152		August	13	ОН	limb/Permanent repairs made/Load restored Weather/Lightning/Wires down/ACR tripped/ Feeder	5500 block of MacArthur Boulevard, NW	NW	3	1647	2219	5	32	971	14767	
100	153		August	15	ОН	opened/Permanent repairs made/ Restoring all load Equipment failure/Wires down/Feeder tripped /Isolated	3200 block of Pennsylvania Avenue, SE	SE	7	1656	1753	0	57	135	118	
103	156		August	19	ОН	fault/Closed, restoring all load Equipment failure/Wires down/Feeder opened /Wire burnt in	Macarthur Boulevard n/o Cathedral Avenue, NW	NW	3	712	930	2	18	1009	14767	
103	165			27	OH	sleeve/ Permanent repairs made/Closed, restoring all load Vegetation/Tree down/Pole broken/Fuse blown/ Replaced	Rodman Street nw/o 49th Street, NW	NW	3	1851 (8/26)	456	10	5	25	14767	
108	165		August	2/	OH	pole/Replaced fuse/Restoring all load	·	NVV	3	1851 (8/26)	456	10	5	25	144	
					<u>Feeder</u> 15021	Number of Outages 3	Main Cause 1 Equipment Failure, 2 Vegetation									
					15173	3	1 Equipment Failure, 1 Motor Vehicle, 1									
					15094	1	Vegetation 1 Equipment Failure									
					15709	0										
					15174 15170	1 4	1 Vegetation 4 Equipment Failure									
					14200	4	3 Equipment failure, 1 Vegetation									
					15198	1	1 Foreign contact									
					14767 15945	2	1 Equipment Failure, 1 Weather					-				-
					14031	0										
					14135	3	2 Equipment Failure, 1 Vegetation	Ē								
				-	368 118	0 2	1 Equipment failure, 1 Vegetation						-			-
					144	3	1 Equipment Failure, 2 Vegetation									
					451	1	1 Motor Vehicle Total outages based on feeders or wards									
			<u> </u>			28	impacted	-		Total Norma	of Cust	Affort		45.717		-
					-	28 # of Outages*	Total unique outages.	_		ı otal Numbe	er of Customers	Arrected		15,747		-
						g	I									
												-				

Attachment 1-8

Manhole Event Data Pursuant to Order No. 15155 (Outages associated with Manhole Events)

Count	Month	Day of Outage	Manhole Event No.	OH or UG	Outage Cause/ Incident Description	Location	Ward	Time of Outage/ Incident	Actual Restoration Time	Durati Outa Hours	age	Max No. of Cust. Affected	Date of Last Inspection	Conditions Found During Inspection	Repair Schedule	Repairs Made (Yes/No)	Date of Repairs
28	February	20	DC18-12	UG	Equipment failure/Cable failure/Replaced cable/Load restored	3200 block of N Street, NW	2	2007	0500 (2/21)	8	53	3	Not found	N/A	N/A	N/A	N/A
88	May	31	DC18-24	UG	Equipment failure/Cable failure/Feeder tripped/ Recloser tripped/The crew isolated the fault/ Closed, Restoring all load	Connecticut Avenue and Nebraska Avenue, NW	3	718	1313	5	55	476	Not found	N/A	N/A	N/A	N/A
115	June	30	DC18-27		Equipment failure/Cable fault/Secondary cables burned/Replaced cables/All load restored	1300 block of H Street, NE	6	2236	1216 (7/2)	37	36	225	4/19/2017	No conditions found	N/A	N/A	N/A
139	July	25	DC18-36	UG	Equipment failure/Cable failure/Feeder tripped/ Isolated fault/Made tie/Closed, restoring all load	3100 block of Quesada Street, NW	4	1943	2020	0	37	413	Not found	N/A	N/A	N/A	N/A
					# of Outages	4		Total Number	of customers a	affected		1117					

Attachment 1-9

Commission Orders No. 16569
Attachment 1-9a
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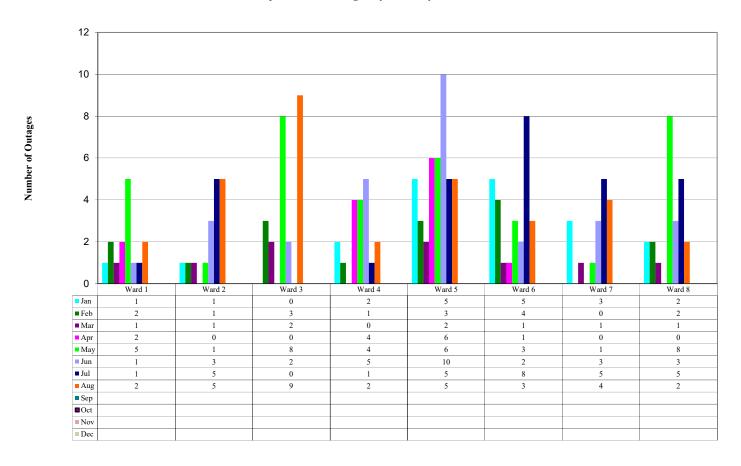
APPENDIX A-1 (Table)

					Numb	er of N	on-Maj	or Service	Outages 1	By Ward	By Mo	onth - 2018	3				
		1st Qt	r. 2018			2nd (Qtr. 2018			3rd Qt	r. 2018			4th	Qtr. 2018		Year to Date
Ward	Jan	Feb	Mar	Q1 Total	Apr	May	Jun	Q2 Total	Jul	Aug	Sep	Q3 Total	Oct	Nov	Dec	Q4 Total	Total
Ward 1	1	2	1	4	2	5	1	8	1	2		3				0	15
Ward 2	1	1	1	3	0	1	3	4	5	5		10				0	17
Ward 3	0	3	2	5	0	8	2	10	0	9		9				0	24
Ward 4	2	1	0	3	4	4	5	13	1	2		3				0	19
Ward 5	5	3	2	10	6	6	10	22	5	5		10				0	42
Ward 6	5	4	1	10	1	3	2	6	8	3		11				0	27
Ward 7	3	0	1	4	0	1	3	4	5	4		9				0	17
Ward 8	2	2	1	5	0	8	3	11	5	2		7				0	23

Note: To avoid double-counting, the outage count above is not to be summed across Wards. Outages that occur across multiple Wards are reported in the table above in each Ward impacted.

APPENDIX A-1 (Chart)

Number of Non-Major Service Outages By Ward By Month - 2018



Note: To avoid double-counting, the outage count above is not to be summed across Wards. Outages that occur across multiple Wards are reported in the chart above in each Ward impacted.

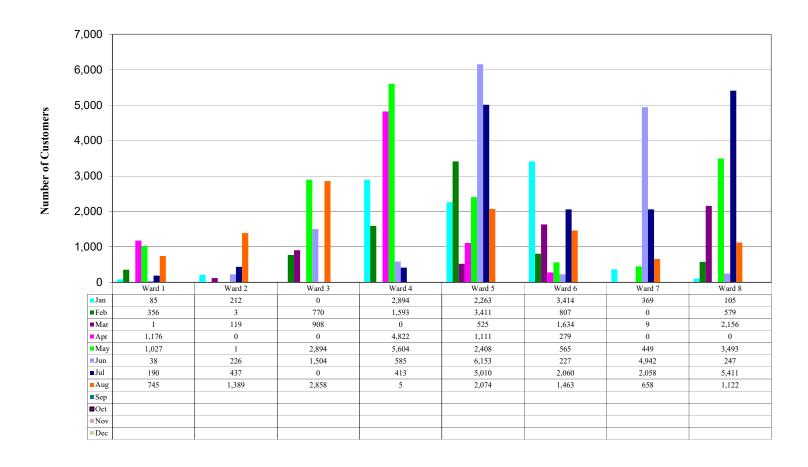
Service Outage SO2018-09-E
Formerly Formal Case Nos. 982 and 1002
Commission Orders No. 16569
Attachment 1-9a
Tables and Graphs
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APPENDIX A-2 (Table)

				Number	of Cust	omers A	Affected	l By Non-M	1ajor Ser	vice Outa	ages By	Ward By	Month -	- 2018			
		1st Qt	r. 2018			2nd (etr. 2018			3rd Qt	r. 2018			4th	Qtr. 2018		Year to Date
Ward	Jan	Feb	Mar	Q1 Total	Apr	May	Jun	Q2 Total	Jul	Aug	Sep	Q3 Total	Oct	Nov	Dec	Q4 Total	Total
Ward 1	85	356	1	442	1,176	1,027	38	2,241	190	745		935				0	3,618
Ward 2	212	3	119	334	0	1	226	227	437	1,389		1,826				0	2,387
Ward 3	0	770	908	1,678	0	2,894	1,504	4,398	0	2,858		2,858				0	8,934
Ward 4	2,894	1,593	0	4,487	4,822	5,604	585	11,011	413	5		418				0	15,916
Ward 5	2,263	3,411	525	6,199	1,111	2,408	6,153	9,672	5,010	2,074		7,084				0	22,955
Ward 6	3,414	807	1,634	5,855	279	565	227	1,071	2,060	1,463		3,523				0	10,449
Ward 7	369	0	9	378	0	449	4,942	5,391	2,058	658		2,716				0	8,485
Ward 8	105	579	2,156	2,840	0	3,493	247	3,740	5,411	1,122		6,533				0	13,113
Totals	9,342	7,519	5,352	22,213	7,388	16,441	13,922	37,751	15,579	10,314		25,893				0	85,857

APPENDIX A-2 (Chart)

Number of Customers Affected By Non-Major Service Outages By Ward By Month - 2018



Service Outage SO2018-09-E
Formerly Formal Case Nos. 982 and 1002
Commission Orders No. 16569
Attachment 1-9a
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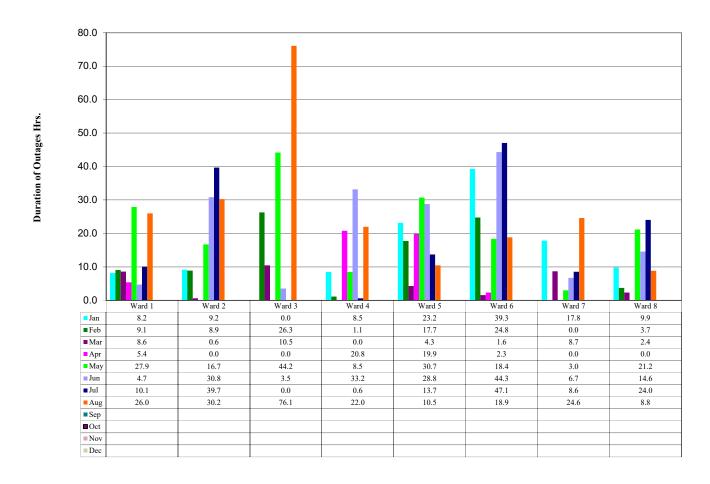
APPENDIX A-3 (Table)

					Duratio	n (Hou	rs) of N	lon-Major	Service C	outages B	y War	d By Mont	h - 2018	3			
		1st Qt	r. 2018			2nd (etr. 2018			3rd Qt	r. 2018			4th	Qtr. 2018		Year to Date
Ward	Jan	Feb	Mar	Q1 Total	Apr	May	Jun	Q2 Total	Jul	Aug	Sep	Q3 Total	Oct	Nov	Dec	Q4 Total	Total
Ward 1	8.2	9.1	8.6	26	5.4	27.9	4.7	38	10.1	26.0		36				0	100
Ward 2	9.2	8.9	0.6	19	0.0	16.7	30.8	48	39.7	30.2		70				0	136
Ward 3	0.0	26.3	10.5	37	0.0	44.2	3.5	48	0.0	76.1		76				0	161
Ward 4	8.5	1.1	0.0	10	20.8	8.5	33.2	62	0.6	22.0		23				0	95
Ward 5	23.2	17.7	4.3	45	19.9	30.7	28.8	79	13.7	10.5		24				0	149
Ward 6	39.3	24.8	1.6	66	2.3	18.4	44.3	65	47.1	18.9		66				0	197
Ward 7	17.8	0.0	8.7	27	0.0	3.0	6.7	10	8.6	24.6		33				0	69
Ward 8	9.9	3.7	2.4	16	0.0	21.2	14.6	36	24.0	8.8		33				0	84

Note: To avoid double-counting, the durations above are not to be summed across Wards. Outages that occur across multiple Wards are reported in the table above in each Ward impacted.

APPENDIX A-3 (Chart)

Duration (Hours) of Non-Major Service Outages By Ward By Month - 2018



Note: To avoid double-counting, the durations above are not to be summed across Wards. Outages that occur across multiple Wards are reported in the table above in each Ward impacted.

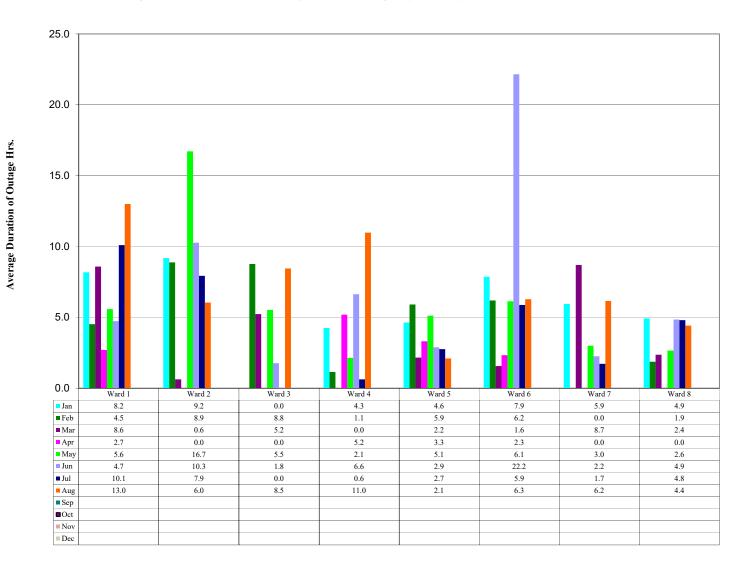
Service Outage SO2018-09-E
Formerly Formal Case Nos. 982 and 1002
Commission Orders No. 16569
Attachment 1-9a
Tables and Graphs
Page 56 of 63

APPENDIX A-4 (Table)

				Ave	rage Du	ration (Hours	of Non-Ma	ajor Serv	ice Outaș	ges By	Ward By M	Ionth -	2018			
		1st Qt	r. 2018			2nd (etr. 2018			3rd Qt	r. 2018			4th	Qtr. 2018		Year to Date
Ward	Jan	Feb	Mar	Q1 Average	Apr	May	Jun	Q2 Average	Jul	Aug	Sep	Q3 Average	Oct	Nov	Dec	Q4 Average	Average
Ward 1	8.2	4.5	8.6	6.5	2.7	5.6	4.7	4.8	10.1	13.0							7
Ward 2	9.2	8.9	0.6	6.2	0.0	16.7	10.3	11.9	7.9	6.0							8
Ward 3	0.0	8.8	5.2	7.4	0.0	5.5	1.8	4.8	0.0	8.5							7
Ward 4	4.3	1.1	0.0	3.2	5.2	2.1	6.6	4.8	0.6	11.0							5
Ward 5	4.6	5.9	2.2	4.5	3.3	5.1	2.9	3.6	2.7	2.1							4
Ward 6	7.9	6.2	1.6	6.6	2.3	6.1	22.2	10.8	5.9	6.3							7
Ward 7	5.9	0.0	8.7	6.6	0.0	3.0	2.2	2.4	1.7	6.2							4
Ward 8	4.9	1.9	2.4	3.2	0.0	2.6	4.9	3.2	4.8	4.4							4

APPENDIX A-4 (Chart)

Average Duration (Hours) of Non-Major Service Outages By Ward By Month - 2018



Commission Order No. 16569
Attachment 1-9b
Tables and Graphs
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APPENDIX A-5 (Table)

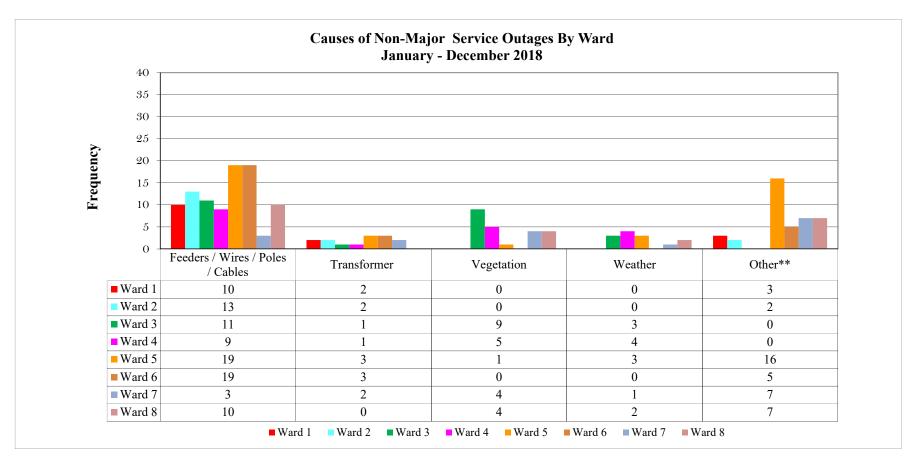
				4	· Cau	ses of	Non-	Majo	r Ser	vice ()utag	es By	Ward	By (Quart	er - J	anuai	y - Do	eceml	ber 20)18				
	(Q1 = Ja	n + Fel	b + Ma	r	Q	$2 = A_{\rm I}$	or + Ma	ıy + Ju	n		Q3 = J	ul+ Au	g + Sep	ı	(Q4 = O	ct + No	v + Dec	c		Ye	ar to D	ate	
	Feeders / Wires / Poles / Cables	Transformer	Vegetation	Weather	Other*	Feeders / Wires / Poles / Cables	Transformer	Vegetation	Weather	Other*	Feeders / Wires / Poles / Cables	Transformer	Vegetation	Weather	Other*	Feeders / Wires / Poles / Cables	Transformer	Vegetation	Weather	Other*	Feeders / Wires / Poles / Cables	Transformer	Vegetation	Weather	Other**
Ward 1	2	0	0	0	2	6	1	0	0	1	2	1	0	0	0						10	2	0	0	3
Ward 2	2	0	0	0	1	4	0	0	0	0	7	2	0	0	1						13	2	0	0	2
Ward 3	3	1	0	1	0	5	0	5	0	0	3	0	4	2	0						11	1	9	3	0
Ward 4	3	0	0	0	0	4	0	5	4	0	2	1	0	0	0						9	1	5	4	0
Ward 5	7	0	0	0	3	7	3	1	2	9	5	0	0	1	4						19	3	1	3	16
Ward 6	6	2	0	0	2	3	1	0	0	2	10	0	0	0	1				·		19	3	0	0	5
Ward 7	0	1	0	0	3	1	0	2	0	1	2	1	2	1	3				·		3	2	4	1	7
Ward 8	1	0	0	1	3	8	0	1	0	2	1	0	3	1	2						10	0	4	2	7

Note: To avoid double-counting, the outage count above is not to be summed across Wards. Outages that occur across multiple Wards are reported in the table above in each Ward impacted.

^{**} Outages classified as Other include Cable Cuts, Dig-Ins, Vehicle Accidents, Employees, Overloads, Unknown, Etc.

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APPENDIX A-5 (Chart)



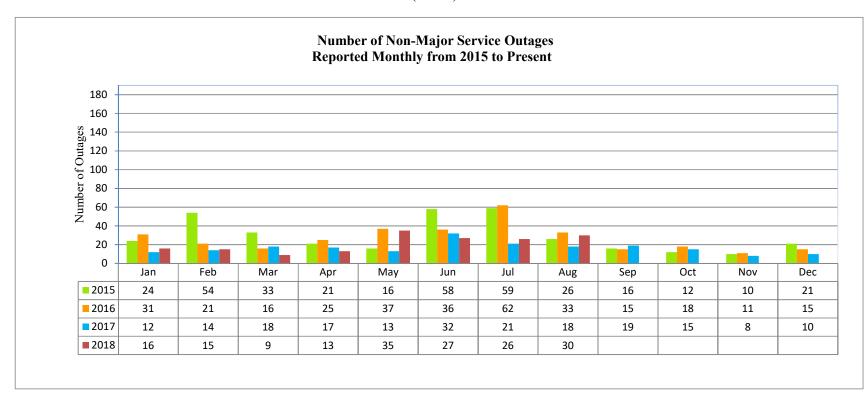
Note: To avoid double-counting, the outage count above is not to be summed across Wards. Outages that occur across multiple Wards are reported in the chart above in each Ward impacted.

Attachment 1-10

APPENDIX B-1 (Table)

	Number of Non-Major Service Outages Reported Monthly from 2015 to Present													
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals	
2015	24	54	33	21	16	58	59	26	16	12	10	21	350	
2016	31	21	16	25	37	36	62	33	15	18	11	15	320	
2017	12	14	18	17	13	32	21	18	19	15	8	10	197	
2018	16	15	9	13	35	27	26	30					171	
Totals	83	104	76	76	101	153	168	107	50	45	29	46	1,038	

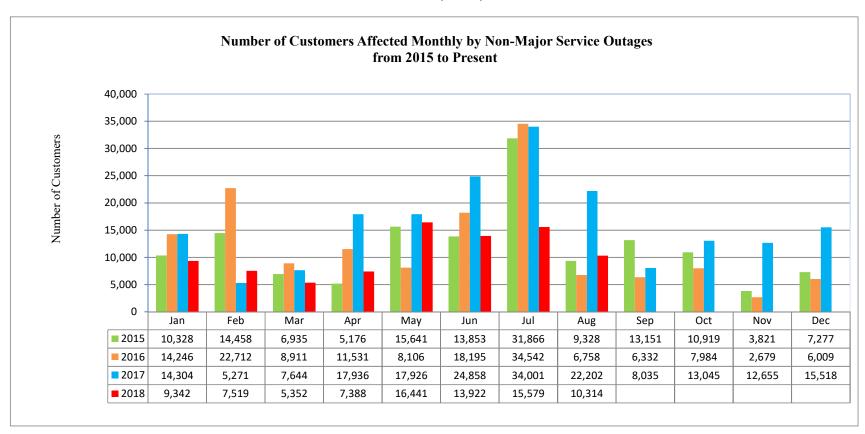
APPENDIX B-1 (Chart)



APPENDIX B-2 (Table)

		N	lumber of (Customers A	ffected Mo	nthly by No	n-Major Se	rvice Outag	es from 201	L5 to Preser	nt		
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
2015	10,328	14,458	6,935	5,176	15,641	13,853	31,866	9,328	13,151	10,919	3,821	7,277	142,753
2016	14,246	22,712	8,911	11,531	8,106	18,195	34,542	6,758	6,332	7,984	2,679	6,009	148,005
2017	14,304	5,271	7,644	17,936	17,926	24,858	34,001	22,202	8,035	13,045	12,655	15,518	193,395
2018	9,342	7,519	5,352	7,388	16,441	13,922	15,579	10,314					85,857
Totals	48,220	49,960	28,842	42,031	58,114	70,828	115,988	48,602	27,518	31,948	19,155	28,804	570,010

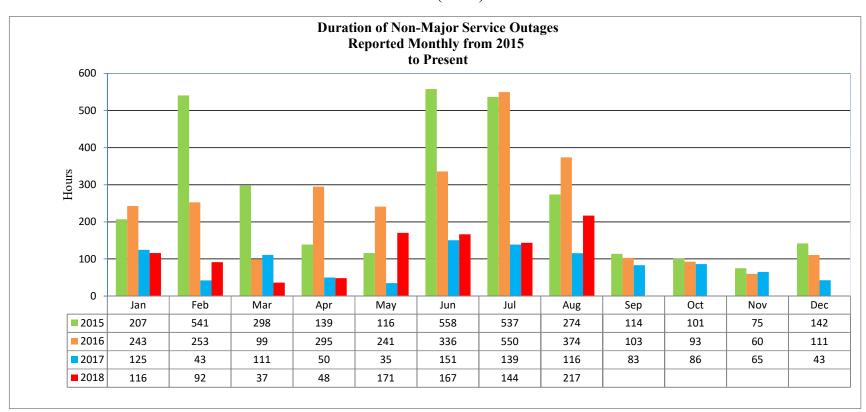
APPENDIX B-2 (Chart)



APPENDIX B-3 (Table)

	Duration of Non-Major Service Outages Reported Monthly from 2015 to Present													
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals	
2015	207	541	298	139	116	558	537	274	114	101	75	142	3,102	
2016	243	253	99	295	241	336	550	374	103	93	60	111	2,758	
2017	125	43	111	50	35	151	139	116	83	86	65	43	1,046	
2018	116	92	37	48	171	167	144	217					991	
Totals	691	928	545	532	563	1,211	1,370	981	300	280	200	296	7,897	

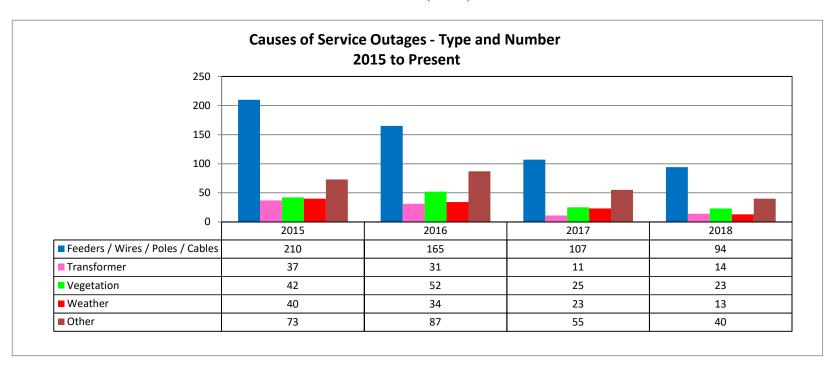
APPENDIX B-3 (Chart)



APPENDIX B-4 (Table)

C	auses of	Service (201	Outages - 5 to Pres		d Numbe	er
	Feeders / Wires / Poles / Cables	Transformer	Vegetation	Weather	Other	Total
2015	210	37	42	40	73	402
2016	165	31	52	34	87	369
2017	107	11	25	23	55	221
2018	94	14	23	13	40	184
Totals	576	93	142	110	255	1176

APPENDIX B-4 (Chart)



CERTIFICATE OF SERVICE

I hereby certify that a copy of Potomac Electric Power Company's Monthly Outage Report for August 2018 was served this 13th day of September 2018 on all parties in Docket SO-2018-07-E by electronic mail.

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