

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
717	2683	OAKHL	3041	978	110.63
718	2189	CMPST	0004	1688	110.55
719	829	STAUG	0006	1826	110.49
720	2193	WTHRE	2101	1342	110.48
721	1698	WXNTH	2304	868	110.19
722	998	MDDTN	4331	903	110.06
723	1503	ADISN	1607	1219	109.94
724	1754	DAVST	0005	1834	109.93
725	263	AZLES	2112	1756	109.84
726	1034	ODNTH	2024	1544	109.79
727	2558	WDGWD	1591	1129	109.51
728	2909	CURIE	7211	842	109.39
729	2664	WFALS	0184	1224	109.30
730	1024	PLSTH	1302	1003	109.27
731	987	FRSTN	1602	1277	109.19
732	2633	HLTOM	2442	1096	109.08
733	1174	PLKST	0007	1776	108.97
734	2493	REAST	1502	1321	108.91
735	1043	THRDN	1921	1131	108.89
736	409	MESQT	1308	1875	108.59
737	2016	PCUST	2006	1612	108.57
738	281	BRNWD	1201	1645	108.49
739	2699	SHAMP	0001	993	108.44
740	105	LMBLN	0004	51	108.42
741	1572	MSTLT	1073	170	108.34
742	2439	NMAIN	0231	631	108.32
743	2437	MDWCK	0008	1265	108.19
744	164	WCITY	2402	663	108.14
745	2280	WHITE	3522	1824	108.05
746	1741	ECTOR	1201	387	107.89
747	507	BNBOR	1201	826	107.59
748	649	MRDCK	0003	1254	107.53
749	1204	HUDSN	1602	1720	107.18
750	988	HSKAV	0005	1357	107.12
751	1687	BRIRV	6921	2442	107.05
752	468	ESTLD	3621	1449	107.05
753	2143	SHSTH	1303	880	107.03
754	2707	CRSGL	1301	143	106.85
755	190	CRKET	2403	2772	106.77
756	1337	HUDSN	1601	981	106.66

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757	1432	RCHRD	1203	838	106.47
758	222	FRFWS	3001	1804	106.42
759	1029	CMPWI	0004	1034	106.39
760	2620	WALNT	0001	1371	106.27
761	523	BDFRD	8831	870	106.27
762	767	SHAMP	0002	1743	106.25
763	831	MNSTR	1201	670	106.19
764	2250	AZLES	2121	3007	106.13
765	2441	IRVNR	1555	548	106.11
766	2781	JNKNS	0002	640	106.11
767	1757	IRVGS	1902	1510	106.06
768	1047	LNGLK	1602	631	105.75
769	2810	LOMAL	0012	732	105.67
770	2462	ROGRS	1301	798	105.52
771	740	BNTDR	0001	1399	105.49
772	107	PRNTH	1405	1008	105.38
773	2446	WGROB	8422	3197	105.27
774	1807	FSTVW	0006	1234	105.24
775	723	KLBRG	0002	1720	105.18
776	2098	TRNTH	1501	1822	105.18
777	480	SFTLK	4021	35	105.11
778	2147	LKHLD	0004	1254	105.00
779	757	THRNE	0003	1247	104.93
780	2491	HURST	1811	1259	104.85
781	2306	OKCLS	0008	1546	104.65
782	2827	NNTWK	0004	1759	104.61
783	406	CHRNO	1201	514	104.51
784	2903	WGROB	8421	3577	104.46
785	556	AYERS	4411	1236	104.28
786	1311	PSHIL	1606	548	104.17
787	1985	RDLML	2561	892	104.02
788	411	TYWST	2012	2201	103.84
789	2440	ARTHR	0481	1250	103.77
790	1271	FSTVW	0007	1606	103.66
791	2872	FRMBG	1707	498	103.33
792	1890	TMPLE	1206	716	103.22
793	2339	HSKAV	0007	84	103.20
794	1003	TATSP	4321	1448	103.13
795	1408	PSHIL	1608	1931	102.98
796	990	ODESA	0251	1395	102.75

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797	1978	MESQN	1501	1795	102.30
798	699	PPARK	1806	851	102.29
799	1625	MLSLW	0008	156	102.24
800	1361	FHLSW	1351	1444	102.23
801	2090	SPRDL	4812	1212	102.17
802	1171	MESTE	1206	1286	102.12
803	#N/A	MRNFD	2331	17	102.11
804	2424	VLYRN	2951	2227	101.95
805	2171	RRNES	2402	4512	101.92
806	1887	CLBRN	1202	1027	101.79
807	2081	CHROW	0001	136	101.71
808	982	THRNE	0001	1437	101.65
809	2674	RCLNS	1408	112	101.64
810	2799	KNLTR	0011	1862	101.60
811	1109	PLGRV	0002	2355	101.56
812	1577	DELTA	1702	484	101.56
813	1247	MNFLD	2682	2495	101.52
814	913	BLTLN	0004	624	101.49
815	1767	RDOAK	1304	3579	101.31
816	48	GRLND	1603	311	101.31
817	1212	LKMNT	0007	1503	101.27
818	754	TIODE	9611	91	101.12
819	2876	DALLW	0002	66	101.09
820	1582	PRKWY	1511	1310	101.08
821	1924	BRNAV	0753	1285	100.96
822	1650	KNEDL	6312	3289	100.93
823	2451	RRSTH	1702	3307	100.88
824	1847	EDGWD	1102	945	100.83
825	1922	NCRST	2204	1912	100.71
826	2363	SHAMP	0005	1640	100.67
827	909	SGOVL	1401	1873	100.62
828	2968	DALWT	2992	330	100.53
829	1864	SHDYG	7842	784	100.52
830	1727	GVFTW	1801	710	100.33
831	1275	COVEE	3405	1434	100.21
832	1939	ARMST	0009	1151	100.04
833	2472	CLMET	0002	1417	99.98
834	1099	GNSVL	1203	1640	99.95
835	1533	WHOUS	4122	2288	99.78
836	421	WMRLD	0008	1599	99.76

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837	305	MSHLN	0001	1035	99.75
838	2401	ARTHR	0431	496	99.75
839	1308	MKNNY	1202	2143	99.63
840	2861	STERT	2706	841	99.57
841	857	DALWT	2991	1217	99.57
842	2952	COTRD	0005	227	99.54
843	2149	GVFTW	1802	989	99.51
844	887	IRVHF	2305	1471	99.42
845	1071	KNEDL	6321	2461	99.30
846	2183	PFFRD	3431	578	99.26
847	843	GODRD	8141	852	99.23
848	2720	STNVL	1203	2450	99.19
849	2447	WNTHW	1120	1036	99.18
850	339	CRNTH	2402	1462	99.12
851	81	TXHRV	1611	79	99.12
852	232	FLRTN	3721	70	99.00
853	2724	LKBLT	2101	1047	98.78
854	1252	KIMBL	5021	2377	98.40
855	795	JKSES	3028	383	98.39
856	2774	MKNGB	5322	1180	98.28
857	2407	CRTLD	4734	796	97.98
858	283	BELLS	1201	598	97.91
859	738	GAVSW	0001	2496	97.91
860	2665	WBOSE	1103	964	97.87
861	1302	BRHLW	7642	977	97.82
862	1476	CMHBL	8121	51	97.68
863	1069	ELKTN	2501	790	97.67
864	1898	DALLW	0001	1150	97.67
865	#N/A	EXPKY	8122	31	97.53
866	1557	HSKAV	0002	1762	97.51
867	2445	FSTVW	0008	1726	97.49
868	780	PTENN	2358	1435	97.48
869	2697	KNLTR	0005	2479	97.38
870	520	ALLNC	6412	3282	97.30
871	313	MDESA	4531	1773	97.17
872	304	BNMAG	1202	412	97.11
873	2474	CNTRD	0004	1075	96.95
874	677	IRVNG	1407	1466	96.90
875	1208	CRLTR	2054	104	96.85
876	1795	IRVND	1208	164	96.73

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877	1766	NHNSW	0001	479	96.71
878	2	JDKNS	0822	68	96.62
879	608	WELRD	0004	751	96.56
880	572	VANSB	1502	1668	96.50
881	297	TYBLR	2808	1013	96.49
882	1296	PALMR	2202	1116	96.45
883	1235	HKHTS	1604	939	96.38
884	686	COPEL	3056	2940	96.38
885	1907	RRSTH	1708	4209	96.26
886	1342	DNCNV	1903	1205	96.22
887	1948	TRLWD	7712	3306	96.20
888	348	NCNTH	1801	2542	95.98
889	2793	MRTSP	1502	910	95.91
890	701	WOVER	6111	1296	95.88
891	2158	TMSTH	1406	1161	95.78
892	1290	RYSSW	2802	3181	95.73
893	629	CNTRY	2862	405	95.67
894	400	HOLND	1901	1136	95.64
895	1201	TYLER	1002	862	95.49
896	238	RDLML	2571	360	95.35
897	1156	EULES	8723	5161	95.23
898	1060	WEAST	0618	837	94.87
899	2610	LOMAL	0007	154	94.75
900	1163	MLFRD	2103	1011	94.68
901	2191	IRVGS	1906	719	94.58
902	2085	GLNHV	3963	1612	94.57
903	789	WALST	0007	29	94.55
904	1576	ARLNG	1292	1548	94.50
905	762	RBNSN	2502	1259	94.25
906	2556	JUDCT	0001	1880	94.25
907	532	EMPCT	0005	70	94.05
908	2858	KRUMS	1204	1432	94.03
909	1010	SGOVL	1402	903	93.59
910	2391	CRNRD	0005	342	93.59
911	2028	MESTE	1208	980	93.56
912	788	BLTLN	0007	778	93.54
913	118	PLSTN	1004	1568	93.49
914	1846	MRSES	4012	394	93.43
915	40	HOWRD	3921	81	93.31
916	1015	LIGSW	1602	1108	93.29

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917	2548	GRPVN	8231	400	93.27
918	#N/A	MASON	3421	14	93.15
919	362	COHMA	1132	42	92.73
920	1280	COPEL	3055	2162	92.72
921	216	BEAST	4090	945	92.68
922	1074	IRVBL	2507	899	92.61
923	47	WMRLD	0006	605	92.56
924	1327	BRNAV	0741	2048	92.41
925	472	SGOVL	1403	2382	92.32
926	2923	COTRD	0008	1176	92.23
927	885	ALLEN	2402	888	92.04
928	2138	LNDAL	2202	1312	91.95
929	751	JREST	2101	1519	91.85
930	168	LFEST	1905	1829	91.79
931	2337	PLKST	0006	810	91.59
932	2718	WMRLD	0003	490	91.46
933	1150	LNCST	1602	1926	91.43
934	1497	ENTOH	0002	1289	91.38
935	2748	GRVPT	7511	55	91.37
936	1560	WELRD	0003	501	91.35
937	2692	ARTHR	0452	682	91.29
938	927	CMPST	0002	1608	91.18
939	375	NSTAR	2011	523	91.12
940	261	ATHNS	1201	974	91.05
941	2773	ROWLT	1107	516	90.98
942	108	BRCRK	6511	1305	90.83
943	2344	GRLRD	0003	651	90.55
944	1648	LAVON	1452	2086	90.54
945	292	WRIDG	3053	1682	90.33
946	653	BDFWD	8921	684	90.33
947	1348	DNINR	1402	391	90.21
948	1428	PSHIL	1603	1671	90.20
949	2169	BAKKE	6922	1584	90.20
950	522	RSPCK	2106	369	90.13
951	1103	PREST	1601	1195	90.12
952	755	MEXIA	4008	685	90.00
953	1181	BNBRK	4112	2274	89.99
954	895	GRPVN	8212	4086	89.79
955	88	EUSTC	2401	1767	89.76
956	553	OKLND	0004	827	89.68

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957	2304	MDLNW	1552	693	89.64
958	708	FROKS	0006	987	89.64
959	1471	MDTHN	1702	1456	89.43
960	714	IVANS	1621	64	89.40
961	1232	CLKVL	1201	418	89.36
962	434	CRLTN	1401	808	89.28
963	466	LFSTH	1407	1781	89.28
964	1923	LUFKN	1202	1079	89.27
965	2268	TMPNW	1105	847	89.23
966	1725	CPLSO	4311	92	89.22
967	1429	BDFRD	8842	1339	89.13
968	606	ROANW	9512	1970	89.07
969	233	CHROW	0005	180	89.03
970	2072	BLTON	1806	938	88.91
971	1917	ATNRN	3421	2514	88.81
972	1019	TIODE	9622	1044	88.74
973	1694	PSHIL	1601	1420	88.69
974	2666	JKSNR	4107	324	88.45
975	1705	WLSPT	1002	628	88.42
976	2316	BRNAV	0762	2386	88.34
977	530	FRMBR	1806	181	88.23
978	1550	GRLND	1606	976	88.22
979	1332	COVEE	3403	1440	88.16
980	1819	FINKS	1803	1405	88.12
981	1137	LNDAL	2201	1998	88.07
982	505	PKRMX	4703	3111	87.92
983	478	CRSGL	1302	1475	87.92
984	932	DCATR	1201	1280	87.91
985	2349	LKWOD	7432	1613	87.71
986	1206	ARLNG	1251	558	87.67
987	2165	GRDPR	0822	632	87.66
988	1989	BLTLN	0002	876	87.58
989	787	BLKST	1742	1742	87.56
990	2874	WALNT	0005	1005	87.45
991	1716	ITSCA	1702	210	87.33
992	82	RKDLE	1301	1192	87.24
993	1541	ARLNG	1213	1322	87.23
994	1094	HRSMD	1905	2813	87.08
995	2736	MAPLE	0008	213	87.04
996	#N/A	ALDTU	9412	380	86.87

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997	1282	CNTRY	2811	2857	86.76
998	1702	RCHRD	1205	1028	86.75
999	1801	RCHRD	1204	1138	86.72
1000	601	SCYEN	0001	1799	86.59
1001	229	REGST	0003	987	86.49
1002	658	CDHCR	2053	276	86.48
1003	1353	BLTSW	3201	2575	86.19
1004	1173	PCOIT	1001	1230	86.08
1005	1885	ENNIS	1901	363	86.00
1006	1997	SSPNG	1204	1021	85.99
1007	1112	RCHRD	1201	1431	85.87
1008	387	BRGPR	1102	1414	85.84
1009	2723	WNRTH	1418	1766	85.72
1010	2621	BNDRA	0001	865	85.69
1011	476	COMSO	1405	759	85.55
1012	583	DCVSO	1107	1109	85.51
1013	1638	MRDCK	0004	846	85.36
1014	1709	RSNHT	1181	1738	85.23
1015	1100	PLSTN	1005	1903	85.14
1016	1279	IRVNR	1508	2036	85.09
1017	132	KRGRV	2403	1400	85.08
1018	53	POYNR	1201	334	85.05
1019	564	RRWES	1623	5138	84.99
1020	1183	ANARN	1911	18	84.83
1021	2546	REAST	1509	136	84.68
1022	2070	IRVGS	1905	755	84.51
1023	733	TYEST	1501	1823	84.44
1024	2195	HLSSES	0522	1743	84.38
1025	1735	CLCRK	1011	207	84.25
1026	1956	BMTWN	1611	1868	84.20
1027	2160	WDGWD	1512	823	84.07
1028	1001	SWTWR	1382	429	84.06
1029	86	WDGWD	1581	613	83.97
1030	1970	PTENN	2355	179	83.81
1031	2615	BKWST	0002	1673	83.78
1032	1704	THRNE	0005	1345	83.69
1033	1788	PREST	1603	1509	83.42
1034	1385	EZACH	0001	995	83.34
1035	2651	LKHLD	0006	738	83.25
1036	1273	PLANO	1105	56	83.23

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1037	430	COLNY	2404	1940	83.11
1038	834	CRLTR	2002	1456	83.02
1039	1854	RDLML	2532	1790	82.90
1040	1460	LKMNT	0004	2187	82.86
1041	1507	MESFR	2102	677	82.81
1042	1165	NAVCO	0001	25	82.79
1043	2346	ESTLD	3611	1528	82.78
1044	1042	IRVNE	1303	1727	82.66
1045	642	WTAUG	4613	1910	82.62
1046	244	KLNPS	1105	1517	82.54
1047	2942	CPLSO	4321	172	82.26
1048	2092	SYCRK	4522	2832	82.21
1049	651	CNTRY	2814	1086	82.18
1050	2275	FRMBR	1807	841	82.07
1051	2525	CRNRD	0002	356	82.07
1052	1158	ADISN	1605	1321	82.05
1053	1122	CLYVL	9322	2201	82.03
1054	515	DCDAM	2002	990	82.01
1055	1039	HMTRD	0001	965	81.92
1056	599	GRDPR	0831	1242	81.89
1057	1328	LSCOL	2116	94	81.80
1058	1477	TRLWD	7722	4046	81.67
1059	2836	SCYEN	0005	1985	81.64
1060	2313	TMPNW	1101	2758	81.57
1061	1825	BRIRV	6922	3419	81.57
1062	49	EDWDS	5931	975	81.54
1063	1089	WXHCH	1204	1854	81.53
1064	2285	LTVSB	5461	805	81.52
1065	1267	GVODS	3031	1392	81.20
1066	956	NLNVL	2002	592	81.20
1067	891	MDAIR	2911	470	81.13
1068	2378	HRSMD	1955	2122	81.10
1069	2068	ODESA	0261	1492	81.09
1070	1511	SCYEN	0002	1993	81.03
1071	2924	ARMST	0002	1707	80.99
1072	874	MNWLL	1204	281	80.90
1073	833	ENTOH	0005	1129	80.88
1074	2311	WTAUG	4621	479	80.88
1075	293	LTFRD	3011	950	80.87
1076	2276	LOMAL	0009	1007	80.84

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1077	568	VENSW	2601	1733	80.78
1078	1004	HOWRD	3911	32	80.72
1079	479	RDLML	2581	1223	80.66
1080	2805	SUNNY	2303	764	80.60
1081	1186	LIGSW	1621	46	80.53
1082	2741	SHNRW	1610	448	80.46
1083	2264	REYST	4051	1099	80.37
1084	2646	MESQN	1508	1784	80.31
1085	662	NMAIN	0262	290	80.24
1086	1062	PTENN	2351	1558	80.19
1087	1522	CDHCR	2052	1408	80.14
1088	1884	MCDMT	2552	487	80.11
1089	1219	CTYVW	2222	1361	80.07
1090	1472	GSMTH	1742	34	80.01
1091	2035	GRAHM	0721	1224	80.00
1092	904	STAUG	0005	1138	79.92
1093	531	TRLWD	7711	2606	79.84
1094	1048	THSES	2402	930	79.79
1095	2591	WRBND	2312	1439	79.76
1096	510	EDGCF	2223	4096	79.64
1097	1191	SHMNE	1401	1220	79.51
1098	1441	WNDWD	3631	315	79.38
1099	1213	RWALS	1853	2425	79.31
1100	#N/A	ODNTH	2073	30	79.30
1101	1080	BDFRD	8821	881	79.27
1102	39	TXHRV	1621	79	79.21
1103	495	BBTWN	1504	2094	79.07
1104	959	KLELM	2205	3271	78.90
1105	1574	DALRK	1305	1176	78.81
1106	2216	WNTHW	1121	748	78.78
1107	752	BRCRK	6521	1428	78.70
1108	485	IRVNG	1406	1281	78.58
1109	1945	CMPWI	0001	1946	78.42
1110	1365	DNISN	1205	1580	78.30
1111	#N/A	ANASE	1901	1198	78.30
1112	533	LTMAN	1511	65	78.05
1113	1182	WOVER	6131	2432	78.04
1114	#N/A	EXPKY	8142	24	78.02
1115	1120	EZACH	0004	1157	78.01
1116	453	CRLTN	1454	350	77.98

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1117	1224	BLTON	1802	1472	77.91
1118	#N/A	ARPCM	4169	10	77.72
1119	2241	KLNPS	1104	1402	77.68
1120	1505	CLMET	0001	1576	77.54
1121	392	ENNIS	1906	2127	77.48
1122	318	EDGCF	2213	3183	77.47
1123	2961	BLTON	1804	478	77.41
1124	#N/A	ABRRD	0006	455	77.40
1125	744	ARMST	0005	1512	77.37
1126	1316	EZACH	0008	1526	77.12
1127	1587	CPRCV	1401	1920	77.10
1128	1411	IRVND	1204	1345	77.07
1129	666	NCDSW	3811	1489	77.06
1130	2310	RDOAK	1303	2444	76.98
1131	993	SIKES	2422	1111	76.98
1132	1436	FARON	4041	1017	76.93
1133	879	WTAUG	4612	1268	76.83
1134	1793	KLNSO	4502	3825	76.76
1135	363	PTENN	2353	967	76.74
1136	992	WHITE	3512	1543	76.74
1137	1138	FRMBR	1801	1237	76.68
1138	1562	CLBNR	1402	1900	76.67
1139	2000	WRBND	2321	1527	76.53
1140	2528	WTAUG	4643	998	76.52
1141	945	IRVNG	1405	1161	76.35
1142	797	LWSNR	2232	2312	76.29
1143	616	GMINI	5812	1183	76.25
1144	1336	MDLNE	0151	299	76.21
1145	461	LMESA	2833	22	76.18
1146	1055	BNDRA	0006	680	75.96
1147	2405	WSTHL	3642	2265	75.58
1148	2901	SORCY	0002	66	75.56
1149	516	SHRSW	6612	1942	75.41
1150	1028	DESPR	1402	1308	75.36
1151	1830	FINKS	1802	776	75.14
1152	637	IRVND	1202	1491	75.08
1153	596	HUTCH	1502	214	75.05
1154	1102	MDWCK	0001	806	74.97
1155	465	REAST	1503	590	74.93
1156	405	CDCSW	0008	727	74.93

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1157	1009	DENAV	0611	842	74.74
1158	2673	HURST	1831	1377	74.62
1159	2061	EDGCF	2262	1030	74.53
1160	120	MRTNS	1503	359	74.52
1161	1139	DCVSO	1103	1845	74.45
1162	1544	REAST	1505	1021	74.42
1163	1145	BNBRK	4122	2864	74.40
1164	1918	CRNDL	2401	515	74.30
1165	335	ELKTN	2502	1655	74.23
1166	2943	LOMAL	0015	161	74.20
1167	2232	HMPHL	2743	939	73.92
1168	2712	RCHHL	0344	1255	73.92
1169	1798	PRKRW	3362	1102	73.86
1170	713	BBTWN	1501	1971	73.71
1171	353	CPRCV	1406	1673	73.71
1172	122	CHSPG	2403	2509	73.65
1173	566	DNCNV	1905	1326	73.63
1174	643	BRCRK	6513	1281	73.61
1175	863	WTAUG	4641	575	73.55
1176	836	HUBRD	1402	1016	73.53
1177	#N/A	PBELL	4831	978	73.50
1178	2532	FRNKF	0002	945	73.50
1179	1852	IRLBJ	3221	892	73.49
1180	#N/A	ECTHM	3312	21	73.47
1181	2359	HHSTH	1504	2612	73.32
1182	1703	PREST	1602	1621	73.31
1183	2891	FRMBG	1753	725	73.06
1184	750	HUDSN	1603	1867	73.06
1185	1563	TATSP	4311	1873	73.04
1186	1863	LFSTH	1402	1182	73.00
1187	1987	AMMFG	5611	801	72.93
1188	1763	CHNDW	1203	852	72.82
1189	1046	RNDRK	1505	1330	72.81
1190	567	MKNSW	2603	1260	72.67
1191	541	HKHTS	1603	994	72.57
1192	1760	BRNWD	1206	1371	72.45
1193	737	RWALL	1203	3800	72.42
1194	2293	WWEST	1218	1008	72.38
1195	356	CMTSW	0922	1574	72.36
1196	2211	DALRK	1358	2545	72.32

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1197	997	CRLJL	1507	953	72.30
1198	1355	BONHM	1206	2161	72.23
1199	#N/A	PCOMM	3314	856	72.15
1200	1974	RYSSW	2804	2446	72.13
1201	2766	WEAST	0620	1959	72.06
1202	1473	KILEN	1205	1368	72.06
1203	640	EZACH	0007	1581	72.01
1204	1661	RCHRD	1207	1553	72.00
1205	#N/A	PRNTH	1403	19	71.96
1206	469	LFSTH	1406	1674	71.94
1207	2357	WCOLO	1320	1443	71.87
1208	2237	IRVNE	1302	1396	71.80
1209	1258	LOMAL	0010	1510	71.78
1210	128	HNTNG	1306	1116	71.71
1211	2303	PRCRK	0001	66	71.64
1212	2146	WDGWD	1531	1501	71.60
1213	1693	DNCNV	1904	1485	71.55
1214	590	IRVVV	2804	1027	71.51
1215	1266	GRDPR	0842	1180	71.40
1216	2544	GSTHW	1624	2210	71.40
1217	1787	WNRTH	1421	1476	71.40
1218	2365	TYSTH	1203	426	71.39
1219	796	MABNK	2404	2696	71.21
1220	918	JSHUA	1302	1374	71.18
1221	2414	MAYFD	5531	1176	71.14
1222	2408	WOVER	6122	906	70.88
1223	746	MSLMN	4007	132	70.83
1224	748	PKRVL	1052	3215	70.67
1225	2322	ARMST	0010	870	70.65
1226	2148	TMSTH	1404	1330	70.48
1227	1050	WXNTH	2306	2700	70.48
1228	137	VGCRK	8041	1042	70.45
1229	2392	IRVND	1206	108	70.41
1230	1958	RCHRD	1206	688	70.36
1231	279	AZLES	2111	3087	70.26
1232	264	TRNTY	7521	1184	70.26
1233	1091	DALLW	0006	1987	70.22
1234	1565	CKRHL	0001	417	70.21
1235	1390	CRLJL	1506	1935	70.13
1236	2105	BRTRD	7322	644	70.10

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1237	1187	SPRDL	4811	1406	70.09
1238	2490	EXPKY	8121	54	70.08
1239	2377	BRLSN	2051	2893	70.08
1240	483	FLMSO	3716	2176	70.07
1241	1813	DAVST	0001	567	70.05
1242	2577	FARON	4031	1146	69.93
1243	2036	ELMGV	3653	2137	69.89
1244	2360	WATSN	5331	1121	69.81
1245	697	STNVL	1201	2566	69.78
1246	314	TYOMN	1408	1334	69.74
1247	256	GLNHV	3922	719	69.68
1248	1602	RBNSN	2501	1979	69.61
1249	592	DESHR	1201	991	69.56
1250	2450	SSPNG	1202	1229	69.46
1251	422	ODESA	0212	859	69.45
1252	518	DAVIS	3733	687	69.42
1253	1274	TAYLR	1203	1299	69.40
1254	527	LKHLD	0003	1331	69.35
1255	154	RWALE	3326	3580	69.33
1256	489	EUSTC	2402	844	69.31
1257	1196	GVOODS	3072	2332	69.24
1258	1800	PLKST	0004	1303	69.24
1259	1552	KILEN	1204	1627	69.23
1260	1546	CANTN	1301	2161	69.22
1261	1973	OAKHL	3021	2029	69.10
1262	2642	JUDCT	0002	1394	69.05
1263	1628	CLBRN	1204	1181	68.91
1264	403	CHNDW	1201	1285	68.91
1265	920	MRDCK	0001	2339	68.88
1266	681	DENAV	0631	1764	68.74
1267	1748	RBNSN	2504	1700	68.69
1268	1246	GODRD	8132	2712	68.68
1269	2523	KRGRV	9999	767	68.44
1270	315	LTVSB	5451	1231	68.44
1271	275	MRSDO	9621	1956	68.44
1272	2226	MSHLN	0002	1576	68.40
1273	929	HKHTS	1601	1531	68.35
1274	1330	NMAIN	0272	392	68.25
1275	2281	BNDRA	0007	472	68.13
1276	867	ODNTH	2044	2159	68.11

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1277	2326	MESTE	1202	813	68.09
1278	1264	RWDHV	1906	642	68.05
1279	1980	DALWT	2952	660	67.95
1280	994	COLNY	2403	2735	67.92
1281	1747	MNWLL	1207	2116	67.91
1282	2075	WSTHL	3621	2238	67.91
1283	2554	WHTRK	0006	1336	67.88
1284	2714	ANDRD	0931	90	67.84
1285	1517	MSLMN	4131	135	67.83
1286	2023	SHNRW	1612	877	67.82
1287	692	CLMET	0003	917	67.65
1288	#N/A	SGOVL	1405	1076	67.57
1289	2026	BDFWD	8922	2014	67.42
1290	1261	PCOIT	1006	1042	67.40
1291	1850	MESQW	1806	1665	67.34
1292	1410	MESQT	1304	660	67.22
1293	161	PLSTN	1003	1463	67.19
1294	2265	RGLRW	0008	37	67.18
1295	1920	GRMES	0512	1207	67.07
1296	725	SMPST	0005	181	67.03
1297	536	DESHR	1202	1575	67.02
1298	151	BRLSN	2052	3102	67.02
1299	2466	HLSES	0511	1824	66.96
1300	529	WITTS	1705	1376	66.89
1301	805	MSLSW	0002	992	66.73
1302	1403	PWEST	1307	965	66.72
1303	354	MAYFD	5522	3406	66.71
1304	1368	SSPSW	1604	1272	66.69
1305	1653	ALVRD	1501	1190	66.65
1306	588	HLTOM	2452	1806	66.61
1307	197	CMINO	1205	1080	66.57
1308	1457	MOSSW	4611	1064	66.39
1309	984	PPARK	1801	1335	66.39
1310	1683	WNDWD	3621	2217	66.21
1311	2841	MSLSW	0004	379	66.11
1312	1621	TRNTH	1502	568	65.97
1313	610	SLAKE	8321	1197	65.92
1314	2084	WEBBS	8614	2518	65.87
1315	398	MDESA	4521	1150	65.87
1316	203	MOSSW	4632	1065	65.79

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1317	#N/A	SMFLD	2322	41	65.68
1318	690	TYBLR	2803	786	65.59
1319	2848	OKCLS	0005	248	65.54
1320	368	PFFRD	3482	1096	65.44
1321	1953	HURST	1822	1584	65.44
1322	846	REYST	4040	561	65.42
1323	1362	PRCRK	0002	1587	65.27
1324	431	CRNTH	2406	1515	64.90
1325	954	FLINT	3212	3809	64.86
1326	948	WALST	0009	812	64.84
1327	2254	RWALE	3324	1560	64.75
1328	419	IRVBL	2504	1564	64.73
1329	1199	IOWPK	0821	748	64.72
1330	1170	JEWET	1204	1310	64.69
1331	2524	SCHRD	0004	1876	64.56
1332	31	TMNTH	1606	238	64.44
1333	898	LIGSW	1608	383	64.43
1334	1506	CRLFR	2155	1330	64.41
1335	999	PCUST	2011	1646	64.38
1336	1339	SYCRK	4512	4399	64.32
1337	307	WCOLO	1318	1657	64.29
1338	1379	RRNES	2404	4470	64.25
1339	562	KERNS	2402	381	64.24
1340	2568	STERT	2702	19	64.22
1341	1555	RCHRD	1202	792	64.22
1342	52	SACRC	5521	115	64.19
1343	2050	ACRLY	1711	174	64.18
1344	1140	IRVNG	1402	1148	63.99
1345	2277	TYBLR	2804	2439	63.81
1346	1636	MKNSW	1602	822	63.78
1347	1676	TMNTH	1605	1874	63.67
1348	1157	KERNS	2401	541	63.57
1349	1149	BOWEN	3151	1932	63.46
1350	2716	ABRRD	0001	2063	63.39
1351	2705	RSPVY	1706	1339	63.15
1352	1300	BAKKE	6911	310	63.08
1353	534	WWDWY	2024	1449	63.07
1354	2829	PLOWB	2911	314	63.05
1355	2856	SHSTH	1302	20	63.00
1356	901	HMTRD	0004	1055	62.98

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1357	2535	LKMNT	0001	200	62.87
1358	1604	HNRTA	0311	1057	62.86
1359	2180	WSOTH	1018	808	62.83
1360	1485	PFFRD	3452	880	62.82
1361	1822	MURPH	2755	3277	62.81
1362	2236	EDGCF	2272	1075	62.75
1363	1810	BAKKE	6912	1496	62.74
1364	2522	MESTE	1204	1825	62.67
1365	2660	FROKS	0001	1361	62.66
1366	915	ARTHR	0441	1869	62.57
1367	289	LMESA	1561	1426	62.48
1368	1210	MESFR	2101	2030	62.40
1369	2912	ALNTH	2832	1168	62.27
1370	865	BOWEN	3171	1718	62.27
1371	2496	STNVL	1207	1031	62.21
1372	1592	CNEXP	0003	1411	62.16
1373	2444	ODESA	0252	722	62.12
1374	2156	PNTGO	7112	746	62.10
1375	1388	CDHIL	1623	2390	62.09
1376	1745	BRLSN	2033	1666	62.01
1377	213	MABNK	2403	908	61.96
1378	1387	CHROW	0002	107	61.93
1379	493	JKSBR	1402	1395	61.87
1380	729	MEXIA	3015	116	61.81
1381	449	MOSSW	4612	2473	61.75
1382	1943	DPCRK	1822	1334	61.74
1383	2844	DESPR	1404	558	61.71
1384	2467	SPRTN	1801	1869	61.64
1385	1872	TRSES	1202	531	61.64
1386	96	CLBWS	8121	986	61.63
1387	1853	STAUG	0008	2062	61.62
1388	#N/A	HISKY	8821	140	61.36
1389	1905	LNCST	1604	642	61.36
1390	790	WHITE	3511	1324	61.35
1391	1225	MRDCK	0002	1723	61.31
1392	299	NPKWY	0005	866	61.25
1393	1610	CRLJL	1504	1317	61.21
1394	582	DNINR	1404	183	61.07
1395	664	ATHNW	1404	1397	61.07
1396	509	LAVON	1401	1730	61.05

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1397	1726	RWDHV	1901	917	61.00
1398	1501	TAYLR	1201	1761	61.00
1399	1607	KLNTF	1805	1354	60.95
1400	2373	FHLSW	1311	1624	60.67
1401	593	DAVIS	3711	676	60.67
1402	417	WSOTH	1017	1727	60.63
1403	511	HDWLK	3001	989	60.60
1404	1285	CDCSW	0005	1842	60.25
1405	934	LTLRV	1701	1100	60.17
1406	2429	RCHHL	0384	732	60.12
1407	763	DCVSO	1104	1352	60.10
1408	396	ARPMN	4147	606	59.87
1409	960	WTHRF	2001	626	59.74
1410	428	DNCNV	1902	1072	59.51
1411	1176	REGST	0004	921	59.45
1412	872	HLTOM	2431	1267	59.44
1413	2618	GNSVL	1205	890	59.42
1414	1494	ALVDO	1901	1611	59.35
1415	1097	TATSP	4323	2488	59.28
1416	2007	SYCRK	4521	3286	59.26
1417	2455	FORSN	5642	38	59.16
1418	294	ALNSW	2653	3505	59.13
1419	1169	CHROW	0006	91	59.10
1420	2926	FLMSO	3711	2220	59.08
1421	1983	CRLCC	2703	630	59.05
1422	28	CGRSW	9811	41	59.03
1423	647	IRVGS	1903	936	58.83
1424	1409	BDFRD	8822	1050	58.82
1425	2173	NCRST	2203	806	58.67
1426	2376	CRWLY	7021	3589	58.65
1427	458	ALDTU	9421	1077	58.58
1428	200	MCKMY	0821	1863	58.55
1429	450	MURPH	2756	3709	58.37
1430	622	CRSCN	1206	1501	58.36
1431	2420	BNDRA	0003	807	58.35
1432	1500	WSTHL	3631	3852	58.30
1433	2948	HMPHL	2781	378	58.29
1434	1381	BLVUE	1111	353	58.28
1435	1571	ALPHA	0008	1787	58.25
1436	1318	HURST	1861	1869	58.21

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1437	2906	KNLTR	0006	1081	58.20
1438	799	ALNTH	2842	2106	58.20
1439	1952	RSPVY	1702	534	58.11
1440	2700	CNEXP	0001	260	58.08
1441	1538	ARMST	0011	850	58.07
1442	1642	CDHIL	1804	1262	57.88
1443	1660	WEAST	0628	266	57.87
1444	1888	FARON	4062	1153	57.80
1445	2910	JUDCT	0004	217	57.76
1446	937	LOMAL	0003	1046	57.75
1447	1073	GRDPR	0852	1450	57.73
1448	291	PLSTH	1301	770	57.72
1449	1216	CLCTY	1011	951	57.71
1450	742	SSPNG	1201	905	57.67
1451	922	SPRDL	4821	1348	57.36
1452	2001	MDTHS	1001	1959	57.26
1453	2184	PRMED	4401	2540	57.22
1454	1333	CRLJL	1503	749	57.22
1455	777	LKMNT	0005	638	57.21
1456	967	MKNNY	1203	1130	57.18
1457	2032	PLSTH	1304	1315	57.16
1458	1241	NCSTH	1501	789	57.04
1459	1843	MEXIA	4007	451	57.03
1460	2797	SLTLK	3511	19	56.90
1461	174	COMSO	1401	649	56.90
1462	2309	ROWLT	1101	1258	56.87
1463	950	TRIRA	6222	1183	56.87
1464	1931	PCUST	2012	1806	56.86
1465	678	WTAUG	4611	1393	56.80
1466	1858	BRNWD	1204	1795	56.78
1467	1926	IRVNG	1401	1594	56.78
1468	2242	PCOIT	1025	3214	56.73
1469	311	IRVNR	1507	1566	56.73
1470	2145	BLMED	1620	2060	56.68
1471	764	CPRCV	1403	1456	56.60
1472	722	ARCTY	1311	416	56.53
1473	2044	LMESA	1522	1312	56.52
1474	1067	IRVVV	2802	1055	56.52
1475	1510	REAST	1506	1209	56.50
1476	1990	FHLSW	1342	2248	56.36

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1477	1320	JSHUA	1301	1007	56.35
1478	1014	ALNTH	2854	780	56.26
1479	739	MDWCK	0007	1082	56.24
1480	1413	CLBRN	1206	1026	56.11
1481	84	LKTMS	2411	87	56.10
1482	456	TMPTV	2405	511	56.09
1483	1164	MESQW	1804	1344	56.00
1484	2756	IRVNE	1305	242	55.97
1485	1456	TMSTH	1401	1828	55.95
1486	389	LNDAL	2203	2609	55.94
1487	2916	CHROW	0008	86	55.90
1488	2500	SMFLD	2392	1165	55.88
1489	2985	PCOIT	1023	412	55.87
1490	2431	NLNVL	2001	459	55.84
1491	812	GLNHV	3983	1685	55.81
1492	1623	CRTLD	4724	3172	55.74
1493	2027	PROAD	0007	421	55.73
1494	1377	SSPNE	1401	1353	55.60
1495	1865	PJPTR	3222	191	55.53
1496	974	DUVAL	0462	1065	55.43
1497	1614	LEMON	0009	1086	55.42
1498	50	VANAL	1201	623	55.38
1499	1397	BNTDR	0004	1901	55.32
1500	2093	ARLNG	1271	2257	55.29
1501	309	CRANE	0311	865	55.19
1502	1696	SWDTN	1611	1482	55.11
1503	1684	ENSSO	2004	1254	55.11
1504	2740	MTLDA	0007	2273	55.00
1505	2753	WHTRK	0002	1426	54.99
1506	646	REAST	1504	1279	54.98
1507	2710	WEAST	0615	389	54.96
1508	1309	CRLFR	2159	1512	54.84
1509	2172	ARMST	0012	1455	54.83
1510	538	ABRRD	0004	876	54.67
1511	1814	CNTRY	2824	3048	54.58
1512	1955	GODLY	1601	699	54.55
1513	502	BSPSW	0832	1027	54.45
1514	2142	CRTLD	4723	2326	54.42
1515	2124	BLKST	1762	1015	54.41
1516	853	LWSNR	2211	1433	54.32

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1517	1087	CRSCN	1203	1988	54.27
1518	1142	RKDLN	1401	921	54.25
1519	109	FRNKS	4168	978	54.24
1520	2370	LKBLT	2104	925	54.12
1521	602	SORCY	0004	595	54.07
1522	1148	ALNSW	2654	1973	54.04
1523	1605	FRMBR	1805	751	54.03
1524	1751	HMPHL	2762	1048	54.01
1525	1982	TATSP	4322	2553	53.96
1526	12	TYLNW	1910	668	53.92
1527	2217	SPRDL	4822	1194	53.88
1528	627	MDTHN	1701	1804	53.79
1529	1764	WHITE	3542	1638	53.78
1530	1027	PLKST	0008	1696	53.75
1531	408	RKDLE	1302	1153	53.67
1532	727	GRLRD	0004	1554	53.62
1533	1937	BLMND	3262	130	53.60
1534	2637	KEENE	1503	856	53.60
1535	226	IRVVV	2803	161	53.60
1536	114	CRTLD	4712	1175	53.58
1537	1951	WXNTH	2301	1306	53.56
1538	1190	MDTHN	1703	1041	53.49
1539	2689	HURST	1852	1531	53.45
1540	555	CAMRN	1201	1012	53.43
1541	2679	BNDRA	0002	532	53.40
1542	357	RSPCK	2103	164	53.40
1543	2946	RECCR	0005	164	53.37
1544	1932	PCOIT	1004	730	53.30
1545	2578	WTAUG	4632	1342	53.22
1546	636	KRUMS	1203	823	53.15
1547	2347	PRNTH	1406	978	53.14
1548	1868	NPKWY	0009	1290	53.12
1549	374	MEXIA	4023	599	53.05
1550	1078	LWSNR	2241	1087	52.99
1551	487	TYOMN	1401	1597	52.97
1552	2366	BLMGR	1901	268	52.91
1553	169	HLSBR	1204	561	52.74
1554	539	ALLEN	2406	2681	52.74
1555	193	LFSTH	1405	217	52.66
1556	668	LRENA	2901	1014	52.56

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1557	1357	MOSSW	4621	2286	52.47
1558	2562	PTENN	2354	541	52.40
1559	2294	IRVGS	1901	1380	52.38
1560	579	TYBLR	2802	1000	52.36
1561	1935	FRMNT	0013	3141	52.34
1562	1532	RSPCK	2102	1561	52.28
1563	2118	PRKRW	3382	286	52.20
1564	1971	SMFLD	2343	727	52.18
1565	2111	MESTE	1205	1619	52.09
1566	1991	CRNTH	2403	2961	52.06
1567	440	AZLES	2122	2584	52.06
1568	267	CMINO	1201	762	51.95
1569	1465	DAVST	0006	1328	51.92
1570	2234	KLNTF	1802	825	51.88
1571	2894	IRVHF	2303	87	51.74
1572	2178	HKHTS	1605	1453	51.70
1573	2682	PLOWB	2921	545	51.61
1574	545	CMNCH	1402	1147	51.60
1575	1873	PCUST	2002	820	51.56
1576	2489	FRMNT	0007	982	51.56
1577	628	HORNE	1943	1755	51.52
1578	1783	IRVHF	2302	1410	51.51
1579	2131	MESQN	1506	75	51.46
1580	2082	PCOIT	1005	1098	51.44
1581	1964	RRNES	2405	4539	51.32
1582	346	TMPNW	1102	674	51.27
1583	1230	HMTRD	0002	2207	51.17
1584	1647	CDHCR	2051	2123	51.12
1585	2329	SHMNE	1403	990	51.10
1586	912	PPARK	1805	995	51.08
1587	1849	CRLJL	1501	1461	51.00
1588	848	DCVSO	1101	1482	50.97
1589	2284	GSTHW	1614	836	50.94
1590	2529	ALLEN	2403	2715	50.92
1591	2382	SHLMT	1801	304	50.92
1592	2238	IRVNR	1557	3194	50.80
1593	437	MDLNE	0161	482	50.70
1594	650	BKWST	0005	961	50.68
1595	1442	CNEXP	0006	1327	50.60
1596	2278	CRTLD	4731	2992	50.54

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1597	2071	BRCRK	6522	2228	50.54
1598	1609	WNTHW	1119	1318	50.49
1599	1559	KILEN	1202	1752	50.49
1600	2617	OKCLS	0006	1679	50.46
1601	2100	WEBBS	8611	2653	50.44
1602	1695	BRCRK	6514	580	50.42
1603	1646	TMPLE	1202	1329	50.42
1604	1439	LKBRN	2401	717	50.38
1605	1632	FHLSW	1361	985	50.38
1606	1131	IRVVV	2801	2496	50.36
1607	2312	MCWHT	3511	3337	50.36
1608	2622	WEBBS	8621	3002	50.24
1609	2353	WHITE	3531	1914	50.09
1610	2020	RWDHV	1902	962	50.07
1611	1306	CRTLD	4711	3207	50.06
1612	1535	HLSES	0561	1831	49.99
1613	2452	OAKHL	3011	2325	49.97
1614	2520	WALST	0013	374	49.85
1615	138	LUFKN	1203	692	49.85
1616	688	TRLWD	7721	1640	49.82
1617	1304	HORNE	1914	1039	49.79
1618	1272	TMPLE	1203	131	49.74
1619	1393	SWDTN	1631	1579	49.73
1620	111	LAVON	1451	1024	49.70
1621	720	PSHIL	1602	1099	49.64
1622	2297	PARIS	1204	1159	49.61
1623	1876	LWRDR	0002	1012	49.55
1624	1658	CRNSO	3913	1456	49.50
1625	1431	BDFRD	8812	765	49.48
1626	2596	CMTSW	0916	563	49.45
1627	1827	RWALS	1851	2082	49.41
1628	1307	SPRTN	1802	916	49.30
1629	1458	FSCRK	6723	4515	49.19
1630	1713	CRLTR	2005	674	49.18
1631	6	UPTON	0721	25	49.14
1632	2272	OKCLS	0001	724	49.06
1633	838	BDFRD	8832	1019	48.99
1634	89	OAKHL	3062	2385	48.95
1635	210	MDLNE	0112	407	48.92
1636	2161	GRMES	0511	1206	48.85

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1637	1558	FORSW	2051	2314	48.72
1638	386	RDLML	2591	1619	48.66
1639	557	GRLND	1604	1993	48.61
1640	2342	CRLTR	2001	2501	48.59
1641	1242	HLSSES	0542	763	48.57
1642	2685	CNTRD	0003	1374	48.56
1643	1499	CRTLD	4721	3064	48.52
1644	2887	BLMND	3211	16	48.50
1645	2641	WNDCR	0211	1202	48.47
1646	856	BLMND	3231	1211	48.45
1647	2260	BSPSW	0841	2135	48.44
1648	1900	ELGIN	1003	2198	48.40
1649	1737	WEAST	0629	1585	48.32
1650	673	WOVER	6142	2149	48.20
1651	1523	EULES	8731	1426	48.14
1652	1093	OKLND	0001	1342	48.05
1653	983	EULES	8712	1074	48.00
1654	#N/A	MESTE	1201	23	47.84
1655	717	HKBRY	1106	1866	47.74
1656	1107	CRLTR	2052	1562	47.69
1657	1816	EULES	8724	2416	47.66
1658	1424	PROAD	0003	1087	47.64
1659	316	OKLND	0003	1378	47.63
1660	2550	GNSVL	1213	749	47.62
1661	1255	MNWLW	1401	1535	47.61
1662	1521	HORNE	1912	1807	47.60
1663	2761	BNDRA	0005	1252	47.42
1664	679	GRDNC	1211	47	47.41
1665	1835	SWDTN	1621	720	47.34
1666	1509	GNSVE	1602	1713	47.33
1667	845	LVBRD	0002	513	47.28
1668	632	IOWPK	0811	799	47.25
1669	563	AMMFG	5621	572	47.14
1670	2639	STERT	2701	34	47.12
1671	881	STAUG	0002	1434	47.09
1672	2509	STHRL	0001	601	47.06
1673	1804	CPRCV	1402	2321	47.04
1674	1774	PMBRK	1811	14	46.96
1675	2561	MSLSW	0006	53	46.96
1676	1425	RTHGB	1421	1583	46.95

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1677	1461	NMAIN	0211	1936	46.92
1678	816	ODNTH	2013	1613	46.73
1679	2011	TYLGE	1316	2886	46.71
1680	526	COLNY	2402	2417	46.60
1681	2175	NHNSW	0003	554	46.60
1682	2530	BRHLW	7632	1482	46.60
1683	2701	RNDRK	1504	984	46.52
1684	981	DNINR	1401	78	46.48
1685	1299	WKATY	1718	1736	46.47
1686	1317	LUFKN	1205	1327	46.46
1687	2687	LKTMS	2412	12	46.42
1688	2021	TMPLE	1204	1058	46.41
1689	953	RRNES	2403	4942	46.41
1690	782	WNDWD	3641	1468	46.36
1691	696	STAUG	0003	1583	46.29
1692	1730	NHNSW	0007	577	46.13
1693	2659	PLANO	1104	982	46.06
1694	817	BUFLO	2601	1240	46.04
1695	1215	BRNAV	0723	1349	46.03
1696	1008	INAIR	1421	14	45.86
1697	361	CRWLY	7011	352	45.77
1698	325	MNWLW	1403	952	45.70
1699	565	HRSMD	1957	2459	45.64
1700	1375	BLTON	1803	626	45.62
1701	1811	WDGWD	1572	1484	45.49
1702	1294	MKNSW	1601	1375	45.48
1703	888	BOWEN	3181	765	45.39
1704	1167	BONHM	1204	850	45.28
1705	2750	ROANW	9521	2683	45.22
1706	800	KMASB	1711	300	45.12
1707	2214	MNFLD	2611	2240	45.07
1708	1944	WCOLO	1317	1266	44.88
1709	265	CDHCR	2055	1323	44.86
1710	426	FINKS	1804	2334	44.85
1711	131	MTLDA	0004	1070	44.83
1712	1680	JUDCT	0003	1931	44.80
1713	1965	WXHCH	1203	1253	44.71
1714	1484	CLLVL	0003	619	44.70
1715	2113	PRCRK	0003	1880	44.70
1716	2647	ODNTH	2025	1189	44.67

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1717	2096	CRLTN	1405	1237	44.59
1718	551	ATHNW	1401	904	44.59
1719	205	HKBRY	1104	121	44.58
1720	2476	DIBOL	1507	463	44.57
1721	32	SCSES	1201	283	44.44
1722	285	ELKTN	2508	1702	44.39
1723	1427	KNLTR	0003	621	44.36
1724	1616	PGSTH	7012	180	44.29
1725	543	MTLDA	0001	2726	44.27
1726	1359	ADMDS	6521	1592	44.13
1727	337	TRSES	1201	492	44.01
1728	1969	ARLNG	1223	1858	44.00
1729	1527	CDCSW	0004	1393	44.00
1730	1626	LOMAL	0006	1406	43.95
1731	1276	RANGR	4311	891	43.91
1732	1976	ROWLT	1103	1091	43.89
1733	470	DCVSO	1106	1224	43.87
1734	1420	HKHTS	1606	2034	43.82
1735	1838	RGLRW	0005	54	43.81
1736	810	GLNHV	3931	1320	43.70
1737	1467	FARON	4011	615	43.69
1738	340	BOWEN	3192	1264	43.68
1739	1248	GODRD	8161	1052	43.60
1740	1829	MSHLN	0008	682	43.53
1741	274	TMNTH	1603	141	43.53
1742	1627	SANSM	3922	1893	43.52
1743	1400	CPRCV	1405	1559	43.47
1744	1679	WITTS	1707	805	43.37
1745	2534	HKBRY	1107	2096	43.32
1746	2117	BRKRG	0213	394	43.30
1747	1734	CRLUD	1303	615	43.28
1748	56	DAVIS	3723	344	43.27
1749	535	WNRTH	1417	1400	43.17
1750	332	STANT	1311	1293	43.13
1751	149	GRDPR	0881	1903	43.13
1752	550	TIODE	9632	424	43.13
1753	1802	WRTHM	5004	224	43.11
1754	2271	HRSMD	1907	3156	43.10
1755	171	SWAN2	1801	566	43.03
1756	1491	PPARK	1804	248	42.96

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1757	1925	JKSNR	4105	81	42.96
1758	802	MRSES	4005	745	42.85
1759	548	MESQW	1802	815	42.76
1760	324	CRNTH	2404	2409	42.66
1761	#N/A	GRLTC	3803	1012	42.63
1762	2188	GRPTT	9911	755	42.62
1763	2177	ENNIS	1903	1525	42.59
1764	761	ABRRD	0002	1370	42.54
1765	496	WCITY	2401	933	42.52
1766	377	TYOMN	1410	1535	42.51
1767	1291	KFMSO	1301	949	42.44
1768	1448	ALNSW	2652	3669	42.42
1769	2539	DAVIS	3782	1394	42.40
1770	1303	IRVNR	1559	2629	42.34
1771	2176	MESQT	1306	993	42.34
1772	#N/A	CRKET	2405	324	42.33
1773	2126	AYERS	4431	1699	42.21
1774	#N/A	KRGRV	2405	1729	42.17
1775	1356	ENTOH	0001	908	42.17
1776	2343	WEAST	0617	1565	42.15
1777	1350	SANSM	3913	4814	42.14
1778	2154	DNIWS	1602	1380	42.07
1779	2404	WHITE	3532	1597	42.06
1780	794	CRSWS	1401	1424	41.96
1781	1711	CRTLD	4722	4453	41.95
1782	#N/A	WATCO	2604	758	41.94
1783	2299	IRVNR	1551	1361	41.93
1784	1720	RWALL	1202	2745	41.85
1785	933	KEENE	1501	1597	41.82
1786	1322	EULSO	9122	1291	41.78
1787	1682	CLBRN	1203	1597	41.73
1788	1894	DUVAL	0473	1818	41.64
1789	2678	HORNE	1932	2422	41.61
1790	2170	DFWSE	2710	79	41.60
1791	607	CMINO	1202	1028	41.56
1792	2904	WNRTH	1419	304	41.53
1793	1881	DNINR	1403	1209	41.52
1794	1180	IRVVV	2851	2944	41.44
1795	2417	WSTHL	3613	3362	41.43
1796	896	MYPTX	2401	319	41.39

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1797	364	WALNT	0002	1245	41.24
1798	1620	KRUMS	1202	747	41.08
1799	749	ALNTH	2844	1788	41.02
1800	1231	ADISN	1604	1153	40.99
1801	300	WHOUS	4121	1363	40.92
1802	124	JREST	2102	1090	40.91
1803	2150	TYBLR	2801	1236	40.90
1804	793	PRCRK	0004	1135	40.86
1805	1286	RWALS	1852	2389	40.85
1806	467	GDPRW	9611	1397	40.85
1807	1284	IRVVV	2853	3872	40.75
1808	2185	ALLEN	2404	2112	40.74
1809	497	DCVSO	1105	1668	40.73
1810	1453	MDWPK	9221	749	40.70
1811	2168	VGCRK	8021	212	40.66
1812	791	BRCRK	6512	1810	40.66
1813	2734	PFLGV	2007	4972	40.66
1814	2009	HURST	1872	2223	40.63
1815	964	DENDR	0003	2220	40.58
1816	827	ENNIS	1904	1256	40.54
1817	775	BEAST	4084	869	40.51
1818	2796	DNISN	1202	837	40.48
1819	1260	CDHIL	1801	1049	40.44
1820	2728	TYWST	2001	177	40.42
1821	1597	MRTSP	1501	705	40.28
1822	253	IRVNR	1505	1320	40.26
1823	758	FRNKF	0001	962	40.23
1824	631	PFFRD	3462	1809	40.21
1825	2478	GAVSW	0012	834	40.16
1826	2461	BLKST	1721	1001	40.10
1827	#N/A	BLUEA	2104	13	40.04
1828	1728	ABRRD	0005	1493	39.99
1829	1663	WNDWD	3652	1026	39.95
1830	1035	MDLNW	1594	1649	39.90
1831	1841	AYERS	4421	1472	39.89
1832	2139	GODRD	8131	1537	39.89
1833	499	DUBLN	2214	705	39.87
1834	657	EULTB	5721	1775	39.86
1835	1578	DCATR	1202	1718	39.82
1836	167	STANT	1323	295	39.79

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1837	975	KLNPS	1101	2337	39.71
1838	401	MSTLT	1054	610	39.69
1839	916	WLSPT	1001	1991	39.66
1840	372	CRNRD	0007	764	39.66
1841	2153	WWDWD	3662	898	39.63
1842	961	FRNKF	0004	1597	39.62
1843	1672	MESQN	1505	1440	39.57
1844	1848	SFTLK	4011	38	39.57
1845	1896	CMPWI	0002	1804	39.43
1846	2320	BLTON	1801	843	39.42
1847	2567	CKRHL	0003	476	39.38
1848	1398	CMNCH	1401	1206	39.35
1849	1596	GNSVE	1603	1732	39.35
1850	1633	LGVST	8521	1811	39.28
1851	2097	GVODS	3011	2228	39.27
1852	2291	OKCLS	0003	1521	39.21
1853	1654	ALPHA	0003	865	39.15
1854	2549	HHSTH	1501	3582	39.14
1855	2240	BRNAV	0732	812	39.14
1856	214	LEMON	0006	724	39.09
1857	259	TLRWT	2203	777	39.06
1858	923	MNWLE	1702	1307	39.00
1859	1768	FHLSW	1372	1324	38.99
1860	2852	ODNTH	2035	692	38.98
1861	2043	CRLTN	1407	1557	38.97
1862	1415	MNWLW	1402	1524	38.94
1863	2563	HUDSN	1605	1505	38.93
1864	64	CHSPG	2401	1604	38.91
1865	623	MRLNS	4002	397	38.90
1866	1373	RSPCK	2132	66	38.88
1867	1504	TMPTV	2404	1459	38.84
1868	1603	RCLNS	1405	640	38.79
1869	1445	HKHTS	1607	956	38.78
1870	521	PRSTN	0006	767	38.60
1871	2854	PALMR	2201	62	38.59
1872	162	DUVAL	0483	2338	38.57
1873	#N/A	DFWNW	2402	11	38.56
1874	2129	WMRNR	0002	422	38.55
1875	1268	STNVL	1202	73	38.49
1876	1919	CHROW	0007	82	38.46

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1877	2225	PPARK	1808	601	38.44
1878	1618	CRLUD	1305	1615	38.35
1879	212	ELCTR	1211	272	38.33
1880	2883	CRLTR	2004	238	38.27
1881	1594	FSCRK	6711	3772	38.24
1882	2362	KILEN	1203	773	38.20
1883	1162	MLDR2	1603	523	38.15
1884	2074	CRLSP	1703	261	38.10
1885	255	RWALE	3322	2050	37.95
1886	57	WGROB	8412	802	37.91
1887	1631	PKRMX	4701	2920	37.80
1888	1020	IRVNE	1304	641	37.78
1889	1369	PALRD	2207	1132	37.78
1890	1464	HORNE	1933	1207	37.75
1891	303	SCYEN	0007	921	37.73
1892	1975	MKNSO	3612	1945	37.70
1893	570	MDLNW	1522	1279	37.63
1894	2498	HMPHL	2791	23	37.63
1895	847	BOWEN	3122	1273	37.61
1896	2589	DENAV	0621	909	37.54
1897	2059	PROAD	0004	987	37.53
1898	1877	PCUST	2007	1400	37.51
1899	1127	WHTRK	0001	2684	37.49
1900	2604	BDFWD	8932	1711	37.48
1901	2752	CRWLY	7012	3564	37.46
1902	1792	SMFLD	2391	295	37.45
1903	2352	WSOTH	1021	2159	37.44
1904	2981	FRMNT	0004	2123	37.36
1905	1125	ARMST	0008	247	37.36
1906	676	DCDAM	2003	1350	37.32
1907	2488	PARIS	1203	949	37.28
1908	2300	BEAST	4088	113	37.28
1909	1652	SMFLD	2333	1068	37.25
1910	#N/A	CRKSD	3103	765	37.25
1911	2569	BRHLW	7631	643	37.15
1912	2200	DCATR	1204	657	37.13
1913	1345	EZACH	0003	1287	37.04
1914	680	SCHRD	0007	1404	37.00
1915	1998	CMINO	1207	704	36.92
1916	2817	TYLNE	1613	475	36.91

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1917	445	DAVST	0007	530	36.88
1918	2980	HMPHL	2733	143	36.87
1919	1619	PALRD	2208	1006	36.86
1920	2335	BNBRK	4111	2907	36.80
1921	1671	PCOIT	1003	1507	36.76
1922	1946	WELRD	0001	1214	36.68
1923	2785	MRSES	3019	12	36.65
1924	68	CLBNR	1406	107	36.48
1925	2182	PKRVL	1054	2694	36.46
1926	1999	WNDCR	0221	575	36.44
1927	1936	MLKF2	1201	792	36.40
1928	1979	ODNTH	2053	4984	36.34
1929	1880	LOMAL	0002	517	36.20
1930	2042	PCUST	2004	1202	36.18
1931	1581	CPRCV	1404	1626	36.13
1932	2834	GAVSW	0007	1538	36.11
1933	1909	DUVAL	0452	1437	36.11
1934	2675	BDFRD	8841	813	36.02
1935	1084	LWRDR	0003	1691	35.95
1936	2140	DELTA	1701	1104	35.90
1937	1706	GRNGR	1801	909	35.89
1938	414	MDWCK	0005	1036	35.86
1939	379	FSCRK	6721	1693	35.76
1940	2308	MSTLT	1021	997	35.57
1941	1483	DALRK	1309	904	35.56
1942	1689	MURPH	2752	1205	35.53
1943	2196	HHSTH	1503	1971	35.48
1944	656	DESHR	1204	1138	35.47
1945	2816	LKHLD	0001	1661	35.44
1946	2749	ARMST	0003	370	35.44
1947	#N/A	BAGWL	1202	43	35.35
1948	185	BRTRD	7311	1230	35.35
1949	1988	VLYRN	2954	2727	35.27
1950	2055	BRNWD	1205	1127	35.25
1951	1901	RNDRK	1503	3915	35.23
1952	2348	WATCO	2603	3868	35.22
1953	1229	IRVNR	1506	2960	35.21
1954	771	EGFRD	0004	1872	35.18
1955	2905	EULES	8714	975	35.17
1956	574	KNEDL	6311	3161	35.14

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1957	1708	LKBRN	2402	1161	35.11
1958	2481	HUTTO	2713	4460	35.00
1959	508	DESHR	1203	1383	34.95
1960	2471	MAPLE	0006	2557	34.92
1961	884	LOMAL	0016	647	34.88
1962	2371	MSTLT	1084	1055	34.85
1963	1277	BLKST	1781	1907	34.82
1964	344	RGLRW	0003	93	34.69
1965	704	PCOIT	1024	2331	34.58
1966	1821	RCHHL	0321	1720	34.57
1967	873	SMPST	0001	2066	34.41
1968	1685	WTAUG	4652	800	34.38
1969	2838	EULTB	5731	519	34.36
1970	1259	WHTRK	0008	1546	34.32
1971	2727	ALPHA	0013	454	34.28
1972	2514	WMMMR	2703	1141	34.24
1973	1058	TYLGE	1308	1562	34.19
1974	1489	LVOAK	1601	889	34.10
1975	2231	ATHNW	1405	898	34.10
1976	1959	RSNHT	1122	2024	34.00
1977	410	GPLND	1202	595	33.85
1978	1490	MSTLT	1063	1301	33.83
1979	936	BLKST	1732	1247	33.83
1980	2499	KLBRG	0001	471	33.82
1981	70	PGSTH	7021	35	33.67
1982	839	MCTYE	1721	531	33.67
1983	1915	DAVST	0004	1724	33.63
1984	91	COMSO	1402	951	33.62
1985	1315	PRKRW	3311	1128	33.61
1986	1750	KNLTR	0008	1347	33.57
1987	1542	BRNSO	1801	1637	33.57
1988	2077	PWEST	1311	957	33.54
1989	684	BRNWD	1202	441	33.54
1990	2078	ROLTR	2912	1983	33.53
1991	660	LWRDR	0004	811	33.50
1992	1536	MSHLN	0004	1299	33.42
1993	1166	PJPTR	3211	117	33.39
1994	1994	PCUST	2005	1709	33.34
1995	2073	CRLTR	2007	1427	33.27
1996	778	PCUST	2009	2276	33.26

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1997	1475	PRFTW	4211	3931	33.25
1998	1831	KLNTF	1801	1080	33.23
1999	1450	WSTHL	3652	3168	33.09
2000	194	TYSTH	1201	1414	33.01
2001	2396	FRMBR	1804	296	32.98
2002	1263	CMINO	1206	1080	32.81
2003	2751	WFALS	0193	2235	32.73
2004	524	TYLER	1012	1691	32.73
2005	718	BDFWD	8941	1231	32.63
2006	415	CMPWI	0003	655	32.61
2007	1154	OAKHL	3031	626	32.60
2008	1916	CRLTN	1403	184	32.56
2009	2056	PRKWY	1532	2241	32.55
2010	1200	MDTHS	1002	1578	32.50
2011	2722	FORSW	2025	1052	32.49
2012	1444	GNSVL	1223	1258	32.48
2013	1637	MESQT	1302	666	32.44
2014	774	RSNHT	1171	2361	32.39
2015	1238	DESPR	1407	957	32.33
2016	329	PSHIL	1604	1166	32.27
2017	578	RBNSN	2503	1011	32.21
2018	2614	GRAHM	0713	384	32.21
2019	577	CRLFR	2157	2433	32.20
2020	2502	BLTON	1805	1560	32.15
2021	2425	WALNT	0004	1442	32.13
2022	156	MNHNS	1911	1455	32.04
2023	1079	EULES	8722	2130	31.98
2024	1202	LMBLN	0003	183	31.97
2025	1908	TSLVL	4002	2806	31.91
2026	1545	BANGS	1201	1497	31.89
2027	1101	IRVNG	1408	1065	31.87
2028	770	PCOIT	1008	1311	31.85
2029	1178	LKMNT	0002	991	31.76
2030	1573	DALRK	1303	1359	31.56
2031	1005	RCLNS	1407	1407	31.54
2032	721	PCUST	2003	1026	31.51
2033	1399	PLGRV	0001	1192	31.51
2034	2314	HORNE	1911	1790	31.43
2035	1875	SORCY	0003	847	31.42
2036	370	HSKAV	0008	799	31.30

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2037	2045	MESQT	1301	1455	31.29
2038	2174	DNISN	1203	1716	31.26
2039	46	FSHSW	2111	333	31.23
2040	2004	PWEST	1304	1617	31.21
2041	2017	BLMND	3252	1153	31.21
2042	1083	MURPH	2751	2357	31.17
2043	2233	WTAUG	4642	1327	31.09
2044	828	MESQN	1502	1088	31.05
2045	1495	ARLNG	1241	653	31.04
2046	1371	MDLNW	1532	1967	31.04
2047	2790	ODESW	5912	264	31.00
2048	266	WWDWY	2022	1052	30.99
2049	1756	RCHHL	0353	1726	30.99
2050	#N/A	HKBRY	1115	16	30.98
2051	225	LMESA	1512	1784	30.95
2052	1933	GSMTH	1731	39	30.94
2053	1968	PPARK	1803	1062	30.91
2054	257	ZEPHR	2404	190	30.88
2055	2024	RDRSE	2604	4250	30.86
2056	1205	WEBBS	8624	2354	30.79
2057	890	VGCRK	8011	1707	30.76
2058	2473	EZACH	0005	543	30.75
2059	939	MESQN	1503	1849	30.74
2060	#N/A	ECTHM	3322	1803	30.73
2061	2256	LKBLT	2103	2189	30.71
2062	1488	CRLFR	2152	3545	30.70
2063	1236	BLKST	1711	2048	30.69
2064	1283	BKBNT	1832	179	30.67
2065	893	BDFWD	8912	1009	30.67
2066	670	MCHSN	1201	245	30.62
2067	1370	TYLNE	1607	700	30.61
2068	1514	WEBBS	8622	1689	30.60
2069	841	EMPCT	0003	1281	30.60
2070	2482	CRLUD	1307	289	30.55
2071	1531	PRFTW	4221	1385	30.53
2072	675	SMPST	0004	1957	30.53
2073	1643	SUNNY	2301	657	30.51
2074	1310	BRYAN	0001	16	30.43
2075	399	MSLSW	0001	852	30.42
2076	1412	WHTRK	0007	1252	30.41

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2077	2616	FSTVW	0005	1762	30.38
2078	1463	BRKNR	1221	1039	30.33
2079	2826	COMRC	1204	588	30.32
2080	1057	TYLGE	1306	2535	30.28
2081	1108	HLSBR	1202	1230	30.26
2082	1326	PRNTH	1401	1308	30.22
2083	1962	DUBLN	1360	1117	30.22
2084	1253	MKNNY	1254	1541	30.18
2085	1351	ATNRN	3411	3031	30.13
2086	2543	LFKHL	2101	170	30.11
2087	2334	CRTLD	4732	3027	30.09
2088	2186	RRSTH	1703	3599	30.05
2089	2302	DAVIS	3713	972	30.04
2090	1977	WMMMR	2707	1540	30.04
2091	2513	BLKST	1771	1424	29.96
2092	1551	WITTS	1703	1010	29.95
2093	1797	SHRSW	6611	1236	29.94
2094	1384	WMRLD	0002	1565	29.93
2095	1018	IRVND	1201	980	29.92
2096	1065	BRCRK	6543	1684	29.90
2097	1667	CLBRN	1201	1801	29.86
2098	1466	SMFLD	2381	848	29.82
2099	2332	ARLNG	1282	836	29.80
2100	2531	BLMED	1617	335	29.79
2101	882	CDHIL	1613	3007	29.78
2102	2390	IRASB	3211	275	29.77
2103	2224	PLKST	0002	819	29.72
2104	1828	TRNTH	1503	1898	29.67
2105	1656	SALSW	3004	1569	29.64
2106	1098	RWALL	1201	1316	29.47
2107	2412	CMTSW	0987	388	29.46
2108	2914	VGCRK	8031	1805	29.46
2109	1715	SMFLD	2313	2128	29.40
2110	2479	COLNY	2406	833	29.23
2111	1141	TYSTH	1202	1058	29.23
2112	1519	ALLEN	2410	2406	29.22
2113	1963	NCDSW	3813	405	29.20
2114	2635	LOMAL	0008	451	29.18
2115	2215	MCWHT	3512	2006	29.00
2116	1482	TATSP	4313	1583	29.00

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2117	1017	FINKS	1801	1732	28.92
2118	2290	CRSWS	1403	1926	28.88
2119	569	PRKRW	3331	800	28.87
2120	2190	GRMES	0521	549	28.85
2121	1143	TYBLR	2805	2258	28.84
2122	2657	ELKTN	2503	1095	28.82
2123	474	SSPNG	1205	1141	28.75
2124	2837	RCLNS	1406	523	28.74
2125	1438	MCDMT	2551	3295	28.74
2126	1023	ARTHR	0411	716	28.73
2127	1072	FRMBG	1705	282	28.68
2128	2230	BSPRW	2542	2519	28.64
2129	1134	BRHLW	7611	1611	28.64
2130	819	MESTE	1213	1003	28.64
2131	2127	MDWPK	9211	1318	28.63
2132	808	DENDR	0006	40	28.62
2133	2571	BLMND	3282	88	28.48
2134	1262	DESHR	1208	474	28.47
2135	1566	PCUST	2001	577	28.46
2136	1786	WWDWY	2015	1230	28.44
2137	824	OKCLS	0007	642	28.36
2138	2662	KLELM	2204	3254	28.34
2139	1530	FSHSW	2121	1709	28.33
2140	1617	LOMAL	0001	696	28.30
2141	2913	HORNE	1921	282	28.25
2142	1579	FRMNT	0002	652	28.24
2143	2394	FSTVW	0004	2244	28.15
2144	1758	MKNSO	3613	3326	28.10
2145	969	BRLSN	2041	2016	28.02
2146	1564	MKNGB	5342	1300	28.01
2147	182	CNI45	2402	796	27.99
2148	695	PRSTN	0005	1190	27.99
2149	705	SPRDL	4841	967	27.98
2150	482	HURST	1882	1897	27.97
2151	1249	DAVIS	3772	1737	27.94
2152	2218	MDDTN	4311	162	27.91
2153	2119	BSPRG	1902	2391	27.91
2154	424	RCHRD	1208	1032	27.85
2155	1778	MURPH	2754	2362	27.84
2156	2325	EULSO	9111	2004	27.80

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2157	2649	DGNST	0004	1198	27.79
2158	2088	BDFRD	8811	1696	27.76
2159	760	HLSSES	0553	1998	27.74
2160	2823	ENTOH	0006	1935	27.69
2161	2972	GSTHW	1616	175	27.68
2162	1468	BRNSO	1806	2256	27.65
2163	#N/A	ALPHA	0001	574	27.62
2164	2650	RECCR	0004	66	27.59
2165	2416	TRLSW	1204	577	27.58
2166	1630	WMMMR	2702	1853	27.47
2167	1529	CLKVL	1203	606	27.42
2168	719	NCNTH	1808	777	27.41
2169	1641	IRLBJ	3211	2699	27.38
2170	970	DALRK	1354	1953	27.38
2171	1459	PKRVL	1053	1155	27.35
2172	1076	MESTE	1211	1207	27.35
2173	1670	FARON	4082	1575	27.29
2174	2252	GRSMN	4028	686	27.27
2175	2409	MDLNW	1564	1262	27.27
2176	2907	LSCOL	2140	1329	27.27
2177	1950	PCUST	2008	695	27.24
2178	2626	PRFTW	4222	3525	27.20
2179	2286	BRKTN	1201	485	27.19
2180	2640	WDGWD	1513	867	27.18
2181	2788	NPKWY	0014	6072	27.17
2182	1589	KLNCC	1701	2344	27.17
2183	1586	ALVRD	1504	163	27.14
2184	425	MKNNY	1205	498	27.05
2185	1426	CLCTY	1031	1229	27.00
2186	#N/A	CRKSD	3105	674	27.00
2187	1092	WALST	0005	238	26.98
2188	1960	BONHM	1210	1090	26.90
2189	2089	TMPTV	2402	4674	26.88
2190	798	WCOLO	1319	2075	26.85
2191	2709	PFLGV	2003	3615	26.79
2192	1478	SWDTN	1641	1566	26.78
2193	2258	WCOLO	1315	1695	26.73
2194	850	PCOIT	1002	734	26.71
2195	1195	MRSDO	9611	1957	26.71
2196	2454	WOVER	6162	1072	26.70

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2197	2949	RSPCK	2131	58	26.62
2198	595	DUVAL	0441	1031	26.57
2199	894	FSTVW	0001	804	26.55
2200	2406	RTHGB	1411	688	26.52
2201	645	GRLWS	1706	278	26.48
2202	2083	MDLNW	1573	1029	26.45
2203	694	DESPR	1403	1836	26.41
2204	2944	SCHRD	0008	78	26.41
2205	2744	COMRC	1201	982	26.37
2206	2656	WATSN	5361	2645	26.34
2207	1622	RCHHL	0374	555	26.32
2208	2597	LAVON	1404	958	26.29
2209	447	RVRFT	0003	1261	26.28
2210	2583	BRYAN	0006	1090	26.27
2211	69	GRDPR	0862	1575	26.24
2212	2364	PNTGO	7121	1494	26.23
2213	2877	RRSTH	1701	3167	26.13
2214	1513	DCVSO	1102	693	26.12
2215	1011	ANDNR	2211	1119	26.10
2216	366	TYLNE	1623	838	25.98
2217	1707	DAVIS	3752	504	25.93
2218	2261	ARTHR	0472	1300	25.92
2219	2079	DALRK	1326	2906	25.91
2220	785	GODRD	8151	799	25.91
2221	1593	DCATR	1203	990	25.80
2222	706	VLYRN	2957	501	25.80
2223	860	MESTE	1215	1531	25.79
2224	2885	HKBRY	1103	401	25.78
2225	1059	BRLSN	2023	1867	25.75
2226	512	FLINT	3211	1968	25.73
2227	1221	WTAUG	4623	734	25.69
2228	2517	RNDRK	1508	4038	25.68
2229	2058	PRKWY	1521	2388	25.63
2230	2274	PARIS	1201	1080	25.63
2231	976	ROLTR	2922	2813	25.60
2232	1666	FRSCW	3703	2953	25.57
2233	2243	WCOLO	1316	2080	25.49
2234	2704	TYLGE	1314	1006	25.46
2235	1493	RWDHV	1908	2424	25.26
2236	2038	MESWE	3611	1923	25.25

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2237	2369	RDRSE	2602	4998	25.20
2238	2449	MABNK	2402	1022	25.19
2239	219	CNTRY	2831	1562	25.10
2240	2379	EZACH	0006	1101	25.09
2241	134	ENSSO	2002	1137	25.04
2242	#N/A	DFWNW	2405	12	25.04
2243	580	GRLND	1605	1583	25.04
2244	1840	JKSBR	1401	727	25.01
2245	2201	MCTYE	1711	1562	24.91
2246	2862	REAST	1507	109	24.76
2247	2227	GRPVN	8222	2306	24.73
2248	2123	ELZCK	4921	2428	24.71
2249	2636	SMFLD	2372	625	24.63
2250	991	KLBRG	0003	1644	24.59
2251	327	RDMLL	2521	1026	24.58
2252	972	OKLND	0002	1301	24.56
2253	2301	COPEL	3053	2081	24.50
2254	407	RGFTW	6813	24	24.49
2255	2555	NMAIN	0282	1596	24.47
2256	1911	GRVPT	7521	149	24.44
2257	1323	RCHHL	0342	1006	24.42
2258	2505	MAPLE	0001	1040	24.26
2259	2726	NOLNW	2111	22	24.24
2260	2511	FSCRK	6713	3363	24.17
2261	710	GRHWY	5511	1945	24.16
2262	2960	WTAUG	4651	583	24.16
2263	2540	FARON	4052	1061	24.16
2264	2988	CURIE	7241	776	24.12
2265	2270	LAVON	1454	3145	24.09
2266	2463	BOWEN	3112	904	24.06
2267	2732	LKBLT	2107	1134	24.03
2268	429	WSOTH	1019	843	23.93
2269	1502	CRTL D	4742	914	23.89
2270	1674	SHAMP	0004	1158	23.88
2271	2763	WNDWD	3611	309	23.71
2272	2095	WNRTH	1416	727	23.71
2273	#N/A	DEALY	0005	82	23.71
2274	2010	RNDRK	1509	1463	23.71
2275	2283	HLTOM	2482	1052	23.70
2276	2619	RRSTH	1704	3446	23.70

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2277	2795	CRWLY	7022	3256	23.70
2278	2757	WELRD	0007	441	23.69
2279	1518	LNCST	1603	1941	23.69
2280	2246	VLYRN	2952	3439	23.69
2281	1044	DEALY	0002	1472	23.66
2282	2210	PLKST	0005	1166	23.65
2283	189	STNVL	1205	442	23.61
2284	875	MDWPK	9231	2414	23.53
2285	301	RWALE	3321	1546	23.53
2286	397	WEAST	0616	801	23.51
2287	2267	BDFWD	8931	1733	23.47
2288	155	RGLRW	0001	40	23.43
2289	176	DENAV	0632	878	23.35
2290	2920	ROBNW	1505	1335	23.33
2291	2204	WDGWD	1522	1443	23.30
2292	2516	MCGHR	2003	1321	23.30
2293	2708	LIPAN	1301	537	23.30
2294	#N/A	PAYNE	1202	1647	23.27
2295	1349	CLBNR	1404	1261	23.24
2296	1012	HKBRY	1105	178	23.23
2297	2273	LWSNR	2242	1440	23.21
2298	1732	EULES	8713	1616	23.20
2299	2333	PFLGV	2005	3979	23.20
2300	242	EDGCF	2241	918	23.16
2301	809	BMTWN	1621	1431	23.16
2302	2037	NCSFA	1702	1294	23.14
2303	1293	CRNTH	2401	2755	23.13
2304	1686	HUBRD	1401	918	23.13
2305	2014	COPEL	3052	1313	23.13
2306	977	HRSMD	1951	4420	23.09
2307	1006	DUVAL	0414	675	23.07
2308	2331	WEBBS	8612	3590	23.04
2309	1681	PFFRD	3492	284	22.98
2310	1354	PRSTN	0004	672	22.90
2311	2572	HNYGR	2403	614	22.90
2312	2880	FSTVW	0002	140	22.90
2313	2062	RDRSE	2601	3635	22.89
2314	2052	FHLSW	1332	542	22.89
2315	1031	MDLNE	0131	2971	22.82
2316	877	BRKRG	0221	688	22.78

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2317	861	HUTCH	1501	1347	22.75
2318	2033	RNDRK	1507	895	22.73
2319	2878	DGNST	0008	129	22.73
2320	2694	SYCRK	4511	2013	22.72
2321	958	WRBND	2311	1417	22.71
2322	1470	PLKST	0001	789	22.66
2323	1378	HKBRY	1102	1707	22.64
2324	1401	SIKES	2411	2026	22.63
2325	619	WDGWD	1523	306	22.56
2326	373	CLYVL	9323	1419	22.54
2327	312	MCKMY	0811	3005	22.51
2328	1677	OAKHL	3052	782	22.49
2329	759	CRLUD	1304	1849	22.48
2330	241	RWALL	1204	1080	22.47
2331	1615	WNDWD	3682	782	22.42
2332	2965	WEAST	0627	197	22.40
2333	2205	HORNE	1913	1557	22.38
2334	2426	ROANW	9511	1686	22.36
2335	2940	PLANO	1102	142	22.33
2336	2853	SSPNE	1402	71	22.32
2337	2684	VLYRN	2955	4531	22.29
2338	2386	FARON	4072	1540	22.25
2339	2356	FRMNT	0008	1423	22.24
2340	2288	BRNAV	0784	1883	22.24
2341	1779	CRLUD	1301	25	22.22
2342	1462	WDCR	0241	666	22.18
2343	1111	RSPVY	1704	1389	22.13
2344	2519	CMTSW	0973	1602	22.12
2345	905	CRSWS	1402	928	22.03
2346	1075	RSNHT	1131	3034	22.03
2347	2151	PRMED	4403	2645	22.03
2348	2527	RDML	2512	1212	21.98
2349	2602	CRSCN	1201	819	21.95
2350	2542	TRLSW	1202	62	21.93
2351	1583	MESQN	1504	1344	21.93
2352	1257	MDDTN	4321	1183	21.86
2353	1668	SLAKE	8312	3252	21.86
2354	1655	MDLNW	1513	2448	21.80
2355	506	BNBOR	1202	768	21.78
2356	1806	WEBBS	8633	2574	21.77

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2357	2279	SANSM	3923	4114	21.76
2358	517	WXNTH	2303	2418	21.70
2359	2870	DGNST	0005	157	21.67
2360	2249	PFFRD	3411	325	21.64
2361	2579	FROKS	0002	1705	21.64
2362	2638	PREST	1604	1379	21.61
2363	2759	MCDMT	2532	1984	21.58
2364	1861	PALRD	2205	342	21.58
2365	1742	TYWST	2004	1005	21.52
2366	1053	IRVNE	1309	1154	21.47
2367	139	SPRDL	4831	1322	21.45
2368	2048	DNISN	1204	1244	21.45
2369	2658	RDLML	2552	280	21.43
2370	248	CRKET	2401	153	21.43
2371	#N/A	ALDTU	9422	3081	21.40
2372	1548	MCWHT	3522	2990	21.34
2373	1942	HLTOM	2461	849	21.30
2374	2262	RGLRW	0006	31	21.30
2375	1995	EULSO	9132	2041	21.22
2376	2402	GORMN	0411	545	21.20
2377	2775	TYEST	1511	861	21.18
2378	2041	RCLNS	1402	902	21.16
2379	2296	PLSTH	1305	488	21.16
2380	1855	CPLSO	4312	1825	21.13
2381	2436	LSCOL	2138	2250	20.99
2382	352	MKNGB	5352	1749	20.93
2383	773	WGROB	8411	4075	20.76
2384	498	MDLNW	1541	1788	20.74
2385	2612	DAVIS	3721	1310	20.73
2386	2609	CKRHL	0005	1230	20.71
2387	963	IRLBJ	3231	2618	20.65
2388	2199	FROKS	0003	643	20.64
2389	2551	DPCRK	1821	1624	20.58
2390	1883	ALPHA	0011	1155	20.49
2391	2632	WATSN	5352	1896	20.46
2392	2413	BRGPR	1103	918	20.44
2393	1159	HUTTO	2742	3145	20.43
2394	2690	PLHWY	3703	14	20.40
2395	2235	FRNKF	0003	1833	20.38
2396	2933	TYWST	2002	87	20.36

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2397	712	GORMN	0421	350	20.27
2398	559	RCHHL	0332	1726	20.24
2399	1085	KLRPR	9011	2744	20.22
2400	2806	WFALS	0153	1131	20.20
2401	1598	SHMNE	1409	909	20.19
2402	2443	BLMED	1621	618	20.17
2403	2695	WTAUG	4633	1051	20.17
2404	484	HHSTH	1502	3941	20.14
2405	734	PPARK	1807	1021	20.08
2406	1417	HORNE	1923	1296	20.02
2407	1906	MSHLN	0005	500	20.01
2408	2595	SIKES	2421	2047	19.95
2409	2144	AMMFG	5631	1526	19.92
2410	2115	LAVON	1406	1539	19.91
2411	2886	GRLRD	0002	972	19.90
2412	#N/A	CRKSD	3101	1465	19.90
2413	2875	FRNKF	0007	893	19.88
2414	2963	WEBBS	8613	1276	19.85
2415	2494	PNTGO	7111	739	19.74
2416	1624	BLTSW	3203	1145	19.72
2417	2159	SMPST	0006	836	19.71
2418	743	TYOMN	1411	315	19.69
2419	2104	SORCY	0001	2673	19.68
2420	1634	SMFLD	2341	976	19.62
2421	1515	CNEXP	0002	1147	19.54
2422	326	CRNRD	0004	496	19.51
2423	1437	KNEDL	6322	4006	19.43
2424	2765	IRLBJ	3212	4234	19.41
2425	1414	HUTCH	1505	28	19.39
2426	2064	BRCRK	6533	1885	19.33
2427	2776	KNLTR	0001	2211	19.29
2428	1455	BLMND	3221	98	19.21
2429	2094	RNDRK	1506	1686	19.16
2430	1194	COTRD	0003	113	19.15
2431	2456	GRHWY	5521	2203	19.15
2432	1826	BRHLW	7612	709	19.13
2433	1331	RWDHV	1907	871	19.12
2434	554	RCHHL	0394	236	19.04
2435	2512	PALRD	2203	1125	19.00
2436	2873	NCSTH	1504	64	18.93

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2437	1961	IRVGS	1904	955	18.86
2438	2430	LWSNR	2231	785	18.84
2439	779	NCSFA	1706	1168	18.79
2440	1724	SHRSW	6631	1300	18.78
2441	1110	CNTRY	2842	1154	18.77
2442	2108	IRVNR	1510	530	18.71
2443	1808	GRDPR	0892	1331	18.69
2444	1405	DENAV	0622	892	18.68
2445	707	PRKRW	3352	1531	18.68
2446	880	LIGSW	1607	1425	18.64
2447	1319	CRLTR	2003	1353	18.60
2448	2340	WITTS	1701	1294	18.51
2449	2025	CDHIL	1803	1920	18.37
2450	747	WHITE	3521	1135	18.33
2451	2266	LKHLA	0005	1335	18.31
2452	2971	HMPHL	2713	528	18.31
2453	2397	BLMED	1622	1008	18.24
2454	966	FRSCW	3701	1870	18.24
2455	2330	CMTSW	0957	1207	18.22
2456	2936	JNKNS	0004	329	18.22
2457	2731	FRMNT	0009	1955	18.12
2458	249	MCGRG	1902	490	18.11
2459	781	CHICG	1402	491	18.07
2460	2644	ALLEN	2408	2859	17.98
2461	2811	RNDRK	1501	779	17.96
2462	1394	ROWLT	1106	1339	17.95
2463	1820	DEALY	0001	1557	17.92
2464	2681	SMFLD	2352	601	17.77
2465	2197	GRHWY	5522	1784	17.76
2466	2729	DPCRK	1831	1437	17.75
2467	1155	ALNTH	2851	2176	17.75
2468	2087	CMTSW	0966	131	17.71
2469	2767	CLBNR	1407	267	17.71
2470	1869	MTLDA	0003	1459	17.63
2471	2410	BNDRA	0009	592	17.58
2472	597	WTAUG	4631	1147	17.55
2473	2628	CUMBY	1201	762	17.55
2474	2253	MCDMT	2531	2456	17.53
2475	#N/A	BLUEA	2105	47	17.52
2476	2053	SHDYG	7822	524	17.48

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2477	2152	MDLNW	1511	807	17.48
2478	1239	RSPCK	2104	2880	17.36
2479	1859	SLBLF	1201	134	17.32
2480	1892	TMSTH	1403	1594	17.29
2481	234	CHROW	0004	195	17.26
2482	455	WICKT	0431	13	17.26
2483	117	BRGPR	1101	624	17.25
2484	1553	ROWLT	1105	1366	17.24
2485	547	CLLVL	0004	51	17.22
2486	1222	DUVAL	0421	1406	17.21
2487	2065	WNRTH	1420	1162	17.19
2488	287	DGNST	0002	483	17.14
2489	2846	NPKWY	0012	2232	17.14
2490	1934	MNWLL	1205	442	17.13
2491	1718	WHTRK	0004	1152	17.06
2492	2867	CRLTN	1404	108	17.04
2493	298	RKCRK	6111	3434	17.03
2494	2432	STNVL	1206	2629	16.98
2495	2428	KLELM	2201	2492	16.98
2496	1699	PROAD	0002	840	16.97
2497	1611	MNWLL	1203	882	16.96
2498	2383	FRMBR	1808	685	16.91
2499	2623	WWDWD	3672	262	16.79
2500	1879	MTLDA	0005	1513	16.77
2501	2892	STERT	2703	333	16.75
2502	1334	CRNRD	0001	734	16.67
2503	2584	HUTTO	2721	3759	16.63
2504	#N/A	COLDG	4048	10	16.60
2505	2128	DNISN	1206	937	16.57
2506	2018	CLBWS	8111	1820	16.57
2507	1844	KILEN	1201	1872	16.55
2508	2953	HKBRY	1109	249	16.55
2509	2787	CRSCN	1202	614	16.51
2510	1714	MNFLD	2621	2312	16.50
2511	1344	WDGWD	1561	1494	16.44
2512	1192	RENSW	3121	1950	16.38
2513	1245	HLTOM	2411	1441	16.28
2514	2022	MESFR	2103	352	16.23
2515	549	SYCRK	4531	1582	16.19
2516	1147	ARTHR	0462	219	16.18

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2517	2179	PNTGO	7122	868	16.15
2518	1585	PALRD	2201	791	16.10
2519	768	WALST	0004	72	16.10
2520	1220	PRSTN	0002	1345	16.05
2521	2039	CNTRY	2833	1239	16.04
2522	682	KIMBL	5022	906	16.02
2523	1049	PSHIL	1607	458	16.01
2524	2725	TMPNW	1106	1105	16.00
2525	633	MDESA	4541	316	15.94
2526	2229	CPLSO	4322	319	15.72
2527	2600	BLKST	1752	1391	15.68
2528	2361	DNIWS	1603	1360	15.61
2529	943	GODRD	8171	841	15.56
2530	2460	PLANO	1103	1881	15.55
2531	2121	PRKRW	3372	651	15.54
2532	736	RCHHL	0311	975	15.52
2533	957	LEMON	0002	992	15.51
2534	1116	LKHLA	0007	1220	15.46
2535	868	WXNTH	2308	1406	15.44
2536	2863	MKNSW	2604	2101	15.42
2537	1090	HKBRY	1117	139	15.40
2538	1590	BRCRK	6524	796	15.36
2539	2833	GDNVL	1202	66	15.36
2540	1886	WHTRK	0003	1274	15.34
2541	2599	NPKWY	0006	4889	15.32
2542	1817	TYSTH	1208	254	15.27
2543	2889	RECCR	0001	174	15.24
2544	2976	NNTWK	0008	1907	15.23
2545	2611	GLNHV	3953	2019	15.21
2546	2457	LOMAL	0014	565	15.19
2547	2990	BRYAN	0007	567	15.14
2548	230	DESPR	1406	947	15.07
2549	2031	TYEST	1509	404	15.04
2550	302	GMINI	5821	1719	14.96
2551	2013	PRMED	4402	868	14.94
2552	2019	SHNRW	1611	990	14.88
2553	2967	CKRHL	0004	426	14.86
2554	2418	PPARK	1802	598	14.83
2555	813	DESPR	1408	1780	14.79
2556	2738	BRLSN	2062	815	14.77

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2557	2864	BSPRG	1901	590	14.68
2558	296	RENSW	3124	2186	14.67
2559	2487	CURIE	7212	966	14.67
2560	2399	CANTN	1303	925	14.66
2561	1172	KFMNW	1202	870	14.61
2562	2746	GDPRW	9621	1687	14.56
2563	2760	ALPHA	0007	1464	14.48
2564	1744	HMPHL	2711	774	14.46
2565	2005	ELMGV	3651	2395	14.42
2566	639	HKBRY	1113	433	14.39
2567	1335	POWEL	2706	245	14.33
2568	851	ADMDS	6511	1393	14.27
2569	1588	RDRSE	2603	2832	14.26
2570	295	BKBNT	1811	686	14.25
2571	2477	WSANG	2802	635	14.20
2572	1746	HSKAV	0006	817	14.20
2573	1243	BLTLN	0001	682	14.13
2574	2630	SHRSW	6641	1013	14.11
2575	2758	PLANO	1106	679	14.09
2576	2762	ARLNG	1212	123	14.05
2577	1240	ATHNS	1202	777	13.95
2578	2634	MESFR	2104	172	13.91
2579	2821	ENNIS	1905	47	13.88
2580	2475	DALWT	2972	241	13.84
2581	1755	PCOIT	1007	782	13.80
2582	2739	EULSO	9121	111	13.74
2583	2677	BRNSO	1805	781	13.74
2584	110	FLMSO	3712	874	13.67
2585	1561	PRCTR	1601	199	13.65
2586	2713	FRNKF	0006	1721	13.64
2587	1340	WDGWD	1541	1129	13.64
2588	2503	BRHLW	7621	2453	13.46
2589	2825	DCATR	1205	115	13.46
2590	2807	LGVST	8511	760	13.45
2591	1762	WRTHM	5012	311	13.45
2592	1338	ROWLT	1104	1149	13.41
2593	1930	DENDR	0009	69	13.39
2594	384	WEBBS	8623	3004	13.39
2595	1209	PFLGV	2002	2273	13.33
2596	1981	KLNTF	1806	1184	13.33

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2597	2871	CMTSW	0983	1405	13.33
2598	2114	RWDHV	1903	1248	13.29
2599	2935	BARRY	1801	88	13.27
2600	2782	LAVON	1402	157	13.23
2601	1781	LKWOD	7442	731	13.05
2602	735	PWEST	1303	1383	13.03
2603	#N/A	MAYFD	5533	1776.00	12.88
2604	931	TATSP	4312	2552.00	12.79
2605	1635	ROBNW	1503	1677.00	12.76
2606	2374	CRLTR	2051	3927.00	12.74
2607	869	CTYVW	2211	1500.00	12.69
2608	1217	GRFRD	1002	390.00	12.69
2609	172	GRSMN	4029	953.00	12.68
2610	560	PLKST	0003	1301.00	12.68
2611	2896	RRNES	2407	3688.00	12.68
2612	2993	NNTWK	0002	954.00	12.66
2613	2345	WTAUG	4622	1007.00	12.65
2614	2507	TERSO	2503	1123.00	12.63
2615	1289	BLMND	3213	3414.00	12.62
2616	1775	GRDPR	0891	891.00	12.58
2617	1823	LOMAL	0005	396.00	12.56
2618	2289	MKNNY	1253	151.00	12.55
2619	2613	FRMNT	0001	979.00	12.53
2620	2049	ATHNS	1203	1053.00	12.43
2621	2593	DALWT	2911	338.00	12.43
2622	2328	ABRRD	0003	347.00	12.39
2623	1966	PFFRD	3421	840.00	12.37
2624	1179	MDWCK	0004	1748.00	12.28
2625	420	PALRD	2206	1530.00	12.24
2626	2133	BRYAN	0004	2212.00	12.22
2627	1132	MESFR	2105	1029.00	12.17
2628	2625	KLELM	2202	2806.00	12.12
2629	1524	LEMON	0008	1001.00	12.11
2630	395	MCGHR	2004	28.00	12.11
2631	2515	MSTLT	1011	59.00	12.11
2632	803	BONHM	1202	742.00	12.08
2633	2137	ALNTH	2853	3020.00	12.07
2634	979	ECTHM	3321	2365.00	12.04
2635	925	FSCRK	6712	2762.00	11.94
2636	2063	WEBBS	8631	4031.00	11.93

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2637	1389	DESPR	1401	1865.00	11.92
2638	2239	PRMED	4404	1154.00	11.92
2639	968	CRLUD	1302	153.00	11.85
2640	2893	PSHIL	1605	136.00	11.80
2641	2702	GRPTT	9921	597.00	11.75
2642	2388	SHNRW	1608	1446.00	11.70
2643	2590	MSLSW	0007	403.00	11.55
2644	2780	SHMNE	1405	820.00	11.49
2645	2141	MESTE	1209	1445.00	11.39
2646	2654	CRLTN	1451	979.00	11.32
2647	2212	THRNE	0008	2238.00	11.31
2648	1902	SMFLD	2323	622.00	11.29
2649	170	AMLIA	0007	85.00	11.22
2650	2030	LORAN	9711	379.00	11.22
2651	2813	WNDCR	0262	226.00	11.13
2652	2908	MESTE	1203	170.00	11.13
2653	1659	WXNTH	2305	159.00	11.11
2654	2442	CTYVW	2212	149.00	11.06
2655	2336	EDGCF	2282	1053.00	11.04
2656	133	RCHLD	2101	665.00	11.01
2657	1081	HLTOM	2421	1604.00	11.01
2658	477	LKMNT	0008	1218.00	10.95
2659	2135	WDGWD	1592	1164.00	10.93
2660	2099	RECCR	0006	488.00	10.92
2661	2533	BOWEN	3161	1540.00	10.86
2662	889	FRMNT	0011	1303.00	10.84
2663	745	GPLND	1201	486.00	10.82
2664	2706	CLBNR	1401	21.00	10.80
2665	#N/A	COYNW	8122	64.00	10.79
2666	2120	EDGCF	2252	390.00	10.74
2667	1701	INAIR	1432	2962.00	10.72
2668	1833	RWDHV	1905	882.00	10.71
2669	2565	WELRD	0006	728.00	10.69
2670	2541	PRSTN	0003	2959.00	10.67
2671	2206	GAVSW	0009	1023.00	10.65
2672	1613	WXNTH	2302	1665.00	10.63
2673	1030	BRHLW	7641	48.00	10.60
2674	#N/A	MKNNY	1204	38.00	10.55
2675	1878	CDHIL	1802	841.00	10.54
2676	#N/A	GSTHW	1615	2424.00	10.54

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2677	2987	NNTWK	0006	931.00	10.49
2678	2822	PLSTH	1303	574.00	10.48
2679	1168	CHYNE	9121	25.00	10.44
2680	1197	PRKWY	1542	522.00	10.41
2681	2930	LEMON	0004	934.00	10.39
2682	995	LSCOL	2114	222.00	10.37
2683	726	CNI45	1202	832.00	10.36
2684	500	QNLAN	1202	401.00	10.34
2685	2506	RSNHT	1142	1145.00	10.34
2686	2594	INAIR	1411	1778.00	10.32
2687	1052	CRSCN	1205	742.00	10.31
2688	51	CSHNG	1202	68.00	10.28
2689	2915	SANSM	3911	1887.00	10.28
2690	1372	FARON	4021	285.00	10.23
2691	#N/A	FSCRK	6714	3988.00	10.22
2692	72	FRMBR	1802	1138.00	10.14
2693	669	MKNSW	1603	1740.00	10.12
2694	2676	KLNTF	1803	1051.00	10.03
2695	2745	LVBRD	0004	1069.00	10.02
2696	2973	LIGSW	1623	800.00	9.98
2697	2686	DESHR	1206	2288.00	9.94
2698	2964	PLANO	1108	482.00	9.91
2699	501	WFALS	0133	1655.00	9.85
2700	#N/A	ANASE	1903	70.00	9.81
2701	2029	WVWEST	1219	944.00	9.76
2702	776	CLYVL	9312	1299.00	9.75
2703	2465	ALLEN	2401	2687.00	9.75
2704	818	COLNY	2405	1676.00	9.73
2705	2733	ABBOT	1901	112.00	9.73
2706	2927	LMBLN	0008	119.00	9.72
2707	1842	PRFTW	4212	2011.00	9.64
2708	2559	SMFLD	2311	1558.00	9.63
2709	2434	ARCTY	1321	900.00	9.46
2710	349	SHAMP	0006	1139.00	9.41
2711	2504	BRCRK	6523	879.00	9.38
2712	1940	MDLNW	1521	1810.00	9.35
2713	42	LOVNG	2511	31.00	9.25
2714	2881	BRNSO	1808	725.00	9.18
2715	2034	SHAMP	0007	702.00	9.16
2716	2295	BRKRG	0242	24.00	9.16

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2717	2086	MDWPK	9241	1904.00	9.09
2718	1520	BRKRG	0211	422.00	9.07
2719	1516	GLSCN	6221	19.00	9.07
2720	1721	AMLIA	0008	109.00	9.05
2721	2859	WATSN	5382	1737.00	9.03
2722	807	SHDYG	7811	405.00	9.00
2723	2902	JNKNS	0005	580.00	8.97
2724	2560	HLSBR	1201	1164.00	8.96
2725	2221	WATSN	5342	2032.00	8.95
2726	1469	WFALS	0114	421.00	8.94
2727	1871	SHDYG	7841	342.00	8.92
2728	2798	WSANG	2801	1335.00	8.86
2729	2770	FRMNT	0012	558.00	8.83
2730	1118	FRMNT	0003	861.00	8.77
2731	862	CRLTR	2053	1727.00	8.73
2732	2850	RSNHT	1152	1372.00	8.72
2733	1839	WSOTH	1022	2243.00	8.72
2734	2815	CHICC	1701	53.00	8.67
2735	2403	FROKS	0008	1502.00	8.60
2736	2580	FRMBR	1853	65.00	8.55
2737	2661	CURIE	7222	956.00	8.54
2738	#N/A	PROAD	0001	125.00	8.53
2739	2458	STNVL	1204	817.00	8.51
2740	2900	ABRRD	0008	2070.00	8.49
2741	2777	HMPHL	2742	646.00	8.39
2742	852	TYRSW	1701	2569.00	8.37
2743	2122	BRTRD	7312	4054.00	8.37
2744	1433	CRLFR	2154	3462.00	8.36
2745	1508	CRLJL	1502	389.00	8.31
2746	2573	LKWOD	7421	42.00	8.31
2747	1882	VALVW	1802	466.00	8.30
2748	941	EULSO	9112	784.00	8.24
2749	2911	CLLVL	0001	514.00	8.23
2750	29	RGLRW	0004	81.00	8.21
2751	2398	TMPSE	1503	627.00	8.16
2752	1421	DALLW	0005	123.00	8.10
2753	2888	FHLSW	1382	120.00	8.09
2754	2521	CURIE	7221	899.00	8.06
2755	2508	SHSTH	1301	2510.00	8.04
2756	784	MSLMN	4009	242.00	8.04

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2757	2743	WDGWD	1552	299.00	8.02
2758	1251	CMPST	0001	416.00	7.97
2759	2882	WMRNR	0003	805.00	7.97
2760	1771	KLNSO	4501	3596.00	7.91
2761	1851	FORSW	2053	2117.00	7.89
2762	2125	RWDHV	1904	510.00	7.83
2763	2040	CURIE	7231	1078.00	7.81
2764	811	MDLNW	1531	247.00	7.80
2765	#N/A	PJPTR	3242	78.00	7.73
2766	2459	GNSVL	1204	501.00	7.71
2767	2715	PROAD	0005	124.00	7.69
2768	#N/A	PAYNE	1213	1458.00	7.66
2769	2824	EULTB	5711	2253.00	7.64
2770	#N/A	PAYNE	1205	724.00	7.63
2771	1897	WEBBS	8634	1571.00	7.61
2772	2828	MDAIR	2921	110.00	7.59
2773	2607	PWEST	1312	1999.00	7.59
2774	1895	GRPVN	8213	279.00	7.52
2775	1193	WTHRF	2002	1779.00	7.49
2776	2865	RGLRW	0002	215.00	7.48
2777	1723	ALLNC	6421	73.00	7.48
2778	2653	LVBRD	0008	1755.00	7.38
2779	2627	CMTSW	0927	583.00	7.26
2780	#N/A	EMPCT	0007	37.00	7.23
2781	2164	BRYAN	0005	1531.00	7.18
2782	2605	CMTSW	0977	256.00	7.13
2783	2208	BBTWN	1502	1988.00	7.11
2784	2937	ALPHA	0005	137.00	7.11
2785	1568	WELRD	0002	728.00	7.09
2786	1914	WFALS	0174	1168.00	7.03
2787	#N/A	PAYNE	1203	880.00	7.03
2788	1203	TERSO	2501	188.00	7.02
2789	2755	PRKWY	1552	571.00	6.98
2790	2166	DNISN	1201	1489.00	6.97
2791	2802	WEAST	0619	1166.00	6.96
2792	2643	FRNKF	0005	1084.00	6.85
2793	2483	HUTTO	2723	3639.00	6.83
2794	2698	WMMMR	2704	18.00	6.82
2795	1599	MDWCK	0003	1862.00	6.78
2796	2008	BLMED	1618	35.00	6.77

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2797	2492	WRBND	2322	774.00	6.72
2798	1629	WATCO	2605	1959.00	6.70
2799	732	WALST	0011	726.00	6.69
2800	2984	PROAD	0008	1194.00	6.67
2801	1832	TMSTH	1405	513.00	6.65
2802	1358	BKWST	0007	1764.00	6.63
2803	2955	WALST	0002	53.00	6.45
2804	546	ALPHA	0009	69.00	6.45
2805	1295	HMPHL	2723	54.00	6.44
2806	1957	PWEST	1306	512.00	6.36
2807	1434	LWSNR	2212	1411.00	6.35
2808	#N/A	CGRSW	9821	25.00	6.34
2809	2375	ATHNW	1402	519.00	6.33
2810	2975	ARTHR	0492	52.00	6.32
2811	2778	LUFKN	1204	31.00	6.31
2812	#N/A	INWRD	0001	223.00	6.30
2813	985	BNBOR	1203	329.00	6.27
2814	947	TMNTH	1604	57.00	6.14
2815	753	REAST	1501	309.00	6.11
2816	2899	MCDMT	2554	1856.00	6.09
2817	2372	RYSSW	2801	1291.00	5.99
2818	2779	LEMON	0001	2121.00	5.95
2819	2667	DAVIS	3731	757.00	5.95
2820	2938	CRLTN	1452	2208.00	5.88
2821	2422	DEALY	0004	1198.00	5.88
2822	271	IRVBL	2501	368.00	5.83
2823	544	PJPTR	3212	32.00	5.80
2824	2263	ARTHR	0422	1047.00	5.76
2825	2606	WMMMR	2705	1217.00	5.71
2826	2486	WFALS	0163	351.00	5.70
2827	383	CRLJL	1508	343.00	5.54
2828	1818	GRLWS	1704	180.00	5.46
2829	2879	SANSM	3921	1484.00	5.44
2830	63	WICKT	0421	229.00	5.43
2831	1862	HMPHL	2721	632.00	5.41
2832	2419	TRNTY	7551	1584.00	5.37
2833	2574	ALPHA	0016	1805.00	5.28
2834	1026	SHDYG	7831	98.00	5.27
2835	2248	OTTOJ	3060	17.00	5.25
2836	2435	FRMBG	1706	65.00	5.23

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2837	2950	CKRHL	0007	71.00	5.22
2838	2978	INAIR	1442	113.00	5.17
2839	2969	GAVSW	0002	1250.00	5.14
2840	1223	ALPHA	0010	514.00	5.09
2841	2469	GRPVN	8211	136.00	5.09
2842	2769	ABBOT	1902	120.00	5.08
2843	2979	ROLTR	2913	1956.00	5.06
2844	2717	EMPCT	0002	165.00	5.02
2845	2091	RHOME	2401	1204.00	5.00
2846	1717	PALRD	2204	694.00	4.97
2847	1418	DALWT	2921	277.00	4.97
2848	2387	PLGRV	0004	384.00	4.95
2849	2438	BSPRG	1905	1614.00	4.91
2850	2485	LGVST	8522	1110.00	4.91
2851	2932	ROBNW	1501	77.00	4.84
2852	2107	EULES	8732	645.00	4.82
2853	2054	RVRFT	0002	340.00	4.75
2854	2545	WESTS	1602	861.00	4.73
2855	2194	SCHRD	0003	359.00	4.69
2856	926	SSPNG	1203	1371.00	4.67
2857	#N/A	KNLTR	0009	861.00	4.67
2858	1443	PCOMM	3311	33.00	4.59
2859	310	LIGSW	1603	2521.00	4.55
2860	1537	DGNST	0007	528.00	4.53
2861	436	CDCSW	0001	270.00	4.52
2862	674	ENTOH	0004	1021.00	4.50
2863	101	FHLSW	1321	416.00	4.33
2864	251	JUDCT	0006	1219.00	4.28
2865	2857	RCLNS	1404	718.00	4.25
2866	698	FRNKF	0008	773.00	4.18
2867	2060	HMPHL	2772	303.00	4.15
2868	2730	WRTHM	5017	162.00	4.05
2869	2945	NPKWY	0007	181.00	4.03
2870	2939	SMFLD	2362	63.00	4.02
2871	1812	ALNSW	2651	2586.00	4.01
2872	#N/A	GNSVN	1401	32.00	4.00
2873	2783	WVWEST	1221	60.00	3.96
2874	2116	EMPCT	0001	33.00	3.96
2875	2670	NPKWY	0011	4138.00	3.95
2876	1151	EGFRD	0005	1000.00	3.95

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2877	2884	FSCRK	6724	1402.00	3.89
2878	1692	PRKRW	3321	160.00	3.85
2879	1033	TMNTH	1601	31.00	3.79
2880	589	DALWT	2941	303.00	3.79
2881	2919	MAPLE	0002	1287.00	3.78
2882	1077	TYOMN	1402	1611.00	3.77
2883	1066	COPEL	3054	843.00	3.71
2884	2986	GAVSW	0010	490.00	3.69
2885	#N/A	FRMBG	1708	44.00	3.68
2886	561	WALST	0010	1714.00	3.65
2887	871	GAVSW	0008	101.00	3.63
2888	1608	LNCST	1601	1208.00	3.59
2889	2800	COMSO	1403	445.00	3.55
2890	104	CRSGL	1303	87.00	3.44
2891	#N/A	CRLFR	2153	260.00	3.36
2892	2047	CLLVL	0006	1422.00	3.36
2893	1481	PROAD	0006	147.00	3.33
2894	460	KRGRV	2401	333.00	3.32
2895	1947	FRMNT	0010	2557.00	3.21
2896	1211	ROLTR	2911	1816.00	3.20
2897	864	HMTRD	0003	415.00	3.20
2898	2895	BNDRA	0013	384.00	3.16
2899	2672	MCKMY	0812	135.00	3.13
2900	2814	DNCNV	1906	413.00	3.12
2901	2855	COMRC	1202	50.00	3.08
2902	#N/A	EULSO	9141	65.00	3.05
2903	#N/A	ODESW	5932	324.00	3.04
2904	2536	RSKMN	3078	138.00	3.01
2905	2245	TMPNW	1103	859.00	2.99
2906	1492	BLMED	1619	85.00	2.96
2907	1601	BRIRV	6912	813.00	2.91
2908	1860	FROKS	0007	1527.00	2.86
2909	2794	RRSTH	1705	1429.00	2.83
2910	2247	WXHCH	1205	1017.00	2.82
2911	119	PTENN	2357	1209.00	2.73
2912	2624	GAVSW	0004	834.00	2.72
2913	2890	KIMBL	5011	164.00	2.72
2914	2925	WATSN	5372	1340.00	2.68
2915	2996	TMSTH	1407	215.00	2.61
2916	1313	WXHNW	2901	179.00	2.60

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2917	2671	RSPCK	2107	911.00	2.59
2918	1796	CRLTN	1402	1035.00	2.52
2919	1772	RVRFT	0001	28.00	2.50
2920	2771	RDRSE	2605	743.00	2.50
2921	360	WALST	0003	126.00	2.50
2922	1996	MESQW	1805	83.00	2.40
2923	2202	MURPH	2753	1080.00	2.38
2924	#N/A	MDLNE	0132	29.00	2.37
2925	2315	HRSMD	1953	932.00	2.24
2926	2803	WMMMR	2706	20.00	2.19
2927	#N/A	JNKNS	0001	248.00	2.17
2928	2947	BKWST	0006	161.00	2.09
2929	2570	PWEST	1310	1113.00	2.08
2930	2849	SHDYG	7812	128.00	2.05
2931	2994	MAPLE	0004	474.00	2.04
2932	2367	MESQT	1307	595.00	2.00
2933	2608	PWEST	1309	53.00	1.98
2934	2934	ADISN	1602	227.00	1.96
2935	2350	TYBLR	2806	205.00	1.95
2936	1301	CRNRD	0006	334.00	1.89
2937	184	IRVNR	1552	67.00	1.88
2938	2868	HMPHL	2752	418.00	1.87
2939	2928	SHNRW	1601	456.00	1.86
2940	355	MDDTN	4322	29.00	1.85
2941	2421	WALST	0001	639.00	1.83
2942	345	GVOVS	3041	1477.00	1.78
2943	#N/A	RENTL	2204	1640.00	1.74
2944	921	SHAMP	0003	1745.00	1.66
2945	1130	JNKNS	0003	918.00	1.64
2946	2433	ARMST	0004	1203.00	1.58
2947	2468	CNTRD	0001	2094.00	1.58
2948	2921	NMAIN	0241	777.00	1.56
2949	2631	EXPKY	8141	28.00	1.55
2950	1392	SHDYG	7832	785.00	1.53
2951	946	PCOIT	1022	2128.00	1.53
2952	#N/A	JNDAY	3321	3827.00	1.50
2953	1903	FRMBG	1751	810.00	1.47
2954	#N/A	WFALS	0124	162.00	1.44
2955	2411	IRVNE	1310	354.00	1.41
2956	2737	MNSTR	1202	280.00	1.39

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2957	331	FRMBG	1702	62.00	1.35
2958	2812	GSTHW	1613	89.00	1.29
2959	113	WVWEST	1216	252.00	1.27
2960	1834	CKRHL	0002	425.00	1.27
2961	2995	RVRFT	0004	91.00	1.26
2962	2282	MDLNE	0172	377.00	1.25
2963	1126	ALPHA	0006	289.00	1.21
2964	1063	HURST	1841	1054.00	1.20
2965	503	DAVST	0002	721.00	1.20
2966	446	BNMNW	1102	520.00	1.17
2967	1928	MYPRL	1801	177.00	1.09
2968	2680	LOMAL	0004	146.00	1.08
2969	2832	BKWST	0004	1078.00	1.07
2970	2789	ARLNG	1291	84.00	1.06
2971	#N/A	GRSLK	1103	647.00	0.98
2972	820	SHMNE	1407	799.00	0.91
2973	1440	WMRNR	0001	196.00	0.87
2974	2957	BNDRA	0011	413.00	0.82
2975	1809	IRVRS	4413	1694.00	0.76
2976	#N/A	MORHD	4105	942.00	0.74
2977	2958	INWRD	0002	882.00	0.74
2978	1526	FRMBG	1750	399.00	0.69
2979	1305	TRNTY	7511	1419.00	0.69
2980	1479	LVBRD	0005	1389.00	0.69
2981	591	LEMON	0011	1379	0.68
2982	2703	TYLER	1010	2042	0.66
2983	1454	ARMST	0006	939	0.65
2984	614	CHROW	0003	156	0.63
2985	1136	BRHLW	7651	1139	0.63
2986	2764	SCHRD	0006	495	0.61
2987	#N/A	LSCOL	2137	803	0.61
2988	2772	RSPCK	2133	1919	0.57
2989	2592	CRLUD	1306	12	0.54
2990	2929	BUFLO	2603	1397	0.52
2991	1554	IRVRS	4411	980	0.51
2992	1064	WHITE	3541	949	0.5
2993	#N/A	WALNT	0008	873	0.42
2994	1782	LSCOL	2148	1581	0.41
2995	2552	RCLNS	1401	104	0.4
2996	1690	SCHRD	0002	288	0.35

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
2997	#N/A	ADMDS	6522	369	0.33
2998	2983	FRMNT	0014	786	0.32
2999	201	BLMND	3223	487	0.28
3000	2982	DGNST	0003	1164	0.28
3001	2962	PLHWY	3701	496	0.23
3002	#N/A	LSCOL	2135	713	0.22
3003	1639	CRNSO	3911	422	0.22
3004	1904	JREST	2103	1266	0.18
3005	2830	ARLNG	1222	98	0.09
3006	2501	KNLTR	0004	1374	0.09
3007	2977	IRLBJ	3222	1040	0.05
3008	2341	JNKNS	0006	681	0.05
3009	2287	RRSTH	1707	625	0.05
3010	#N/A	ALLEN	2405	18	0
3011	#N/A	ALLNC	6422	17	0
3012	#N/A	ALPHA	0004	22	0
3013	#N/A	ALPHA	0012	11	0
3014	#N/A	AMLIA	0005	10	0
3015	#N/A	BRNSO	1804	11	0
3016	#N/A	CLBNR	1411	588	0
3017	#N/A	COTRD	0007	176	0
3018	#N/A	DFWNW	2403	21	0
3019	#N/A	DFWNW	2408	27	0
3020	#N/A	DFWSE	2712	37	0
3021	#N/A	DFWSE	2713	19	0
3022	#N/A	DFWSW	2323	43	0
3023	#N/A	DFWSW	2325	14	0
3024	#N/A	DGNST	0001	304	0
3025	#N/A	DUPUY	1222	179	0
3026	#N/A	ELZCK	4911	38	0
3027	#N/A	ELZCK	4922	19	0
3028	#N/A	ENTOH	0008	265	0
3029	#N/A	EXPKY	8112	12	0
3030	#N/A	EXPKY	8131	10	0
3031	#N/A	GSTHW	1626	28	0
3032	#N/A	GSTHW	1646	42	0
3033	#N/A	HKBRY	1111	28	0
3034	#N/A	KNLTR	0007	12	0
3035	#N/A	LVBRD	0003	224	0
3036	#N/A	MDESA	4512	1453	0

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
3037	#N/A	MSTLT	1032	15	0
3038	#N/A	PEGAS	2312	143	0
3039	#N/A	PJPTR	3221	45	0
3040	#N/A	PJPTR	3231	26	0
3041	#N/A	PTENN	2356	14	0
3042	#N/A	PWEST	1308	619	0
3043	#N/A	REGST	0008	10	0
3044	#N/A	RGFTW	6822	25	0
3045	#N/A	TRLSW	2401	22	0
3046	#N/A	WALST	0008	11	0
3047	2991	JNKNS	0008	700	0
3048	2941	RSPCK	2105	703	0
3049	2959	RSNHT	1111	348	0
3050	2922	BKWST	0001	387	0
3051	2792	DENAV	0612	64	0
3052	2801	DFWSW	2322	56	0
3053	2898	CRLTR	2006	53	0
3054	2840	NCRST	2202	37	0
3055	2719	EGFRD	0002	24	0
3056	2464	DENAV	0641	32	0
3057	2645	NPKWY	0008	838	0
3058	2786	GAVSW	0011	110	0
3059	2668	HMPHL	2792	656	0
3060	2818	WMRLD	0009	31	0
3061	2575	RNKSW	5412	31	0
3062	1114	BLMND	3272	14	0
3063	2415	TMNTH	1607	13	0
3064	2869	RRWES	1603	10	0
3065	1347	FRMBG	1703	30	0
3066	2598	AMLIA	0006	81	0
3067	2557	DFWSW	2326	41	0
3068	2015	COTRD	0001	342	0
3069	1160	VENSW	2603	19	0
3070	2484	GAVSW	0006	513	0
3071	2257	RNKSW	5413	35	0
3072	1870	HORNE	1944	437	0
3073	1785	ENTOH	0003	12	0
3074	2157	AMLIA	0003	26	0
3075	2219	MNWLL	1201	29	0
3076	902	PRKRW	3341	299	0

Oncor Electric Delivery

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
3077	442	CLBSN	8821	10	0
3078	1743	CRLTN	1408	129	0
3079	1992	BRYAN	0002	218	0
3080	1547	NCSTH	1506	96	0
3081	2006	WEAST	0621	86	0
3082	247	WMMMR	2708	22	0
3083	2754	DFWSE	2715	12	0
3084	1416	ROANW	9522	54	0
3085	471	FRMBG	1704	37	0
3086	378	WXOCF	1402	13	0
3087	1649	LVBRD	0001	39	0
3088	115	DENDR	0008	124	0
3089	338	TNPON	0001	66	0

* 2018's customer count due to feeder reconfiguration

ODESA0231
 GSTHW1623
 CKRHL0006
 SGOVL1404
 BSPRW2521
 GVODS3021
 PEGAS2311
 JKSES3029
 TXHRV1611
 HOLDY0911
 WXHCH1203
 LOVNG2521
 VESTS3111
 MASON3431
 JDKNS0821

Service Quality Report to the Public Utility Commission of Texas

Oncor Electric Delivery

INTERRUPTION CAUSES

Provide the percentage of interruptions attributable to each cause.

2019 Reporting Year

Causes of Forced Interruptions	Percentage
Utility-owned Equipment	47%
Animals and Birds	13%
Weather (Including Lightning)	14%
Vegetation	12%
People (Including cars and farm equip)	7%
Unknown	6%

ADDENDUM OF ONCOR ELECTRIC DELIVERY COMPANY TO ITS SERVICE QUALITY REPORT FOR THE 2019 REPORTING YEAR

The Public Utility Commission of Texas (Commission), in Ordering Paragraph No. 5 in its April 18, 2019 Order in Docket No. 48841, *Agreed Notice of Violation and Settlement Agreement Relating to Oncor Electric Delivery Company's Violation of PURA § 38.005 and 16 TAC 25.52, Concerning Reliability and Continuity of Service*, requires Oncor Electric Delivery Company LLC (Oncor) to “file a report regarding actions to bring feeders that are found to be in violation of any of its system-wide service quality standards for two or more consecutive years into compliance with the Commission's service quality standards, and this report must be filed as an addendum to Oncor's required annual service quality reports, as prescribed by 16 TAC § 25.81.” This Addendum is filed to comply with that requirement.

Oncor would stress that its capital and maintenance projects remain fluid over the course of a calendar year, and the projects set out below that are designated as “planned” or “scheduled” are subject to change and may not take place in the stated year due to changes in customer loading on the feeder, the impact of storms and storm repairs locally and across the Oncor system, load growth elsewhere on the Oncor system, equipment repairs/replacement elsewhere on the Oncor system, and other factors.

Eight Consecutive Years (Seven Year Violation)

a. DHIDE-2821

- i. This feeder is 71.9 miles long and currently serves 105 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 10% vegetation density.
- ii. The feeder violation is due to SAIDI. In 2019, multiple lightning caused events during local storms were the primary reason.
- iii. In 2019, a system improvement project installed voltage regulators to provide voltage support on the feeder. Two distribution automation projects were started to replace single operation line fuses at a key locations on the feeder with vacuum reclosing fuses. One of these projects was completed in the fourth quarter and the other is nearing completion in 2020.

b. BARNW-4521

- i. This feeder is 51.9 miles long and currently serves 89 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 10% vegetation density.
- ii. The feeder violation is due to SAIDI. An underground primary cable fault, multiple lightning and unknown caused events during local storms were the primary reasons.
- iii. A substation improvement project completed in late 2018 added a new 28MVA Bank #2 with two new feeder breakers. After these new feeders were placed in service in early 2019, some of the load from this feeder (BARNW-4521) was transferred to one of the new feeders (BARNW-4522). Another substation improvement project was started in 2019 and is in progress that is adding a new 47MVA Bank #3 substation transformer with two new feeder breakers to handle the increasing load growth in the area. The addition of the two new banks and four new feeders will allow each feeder to have less overhead exposure to lightning and wind by decreasing the miles and the number of customers served per feeder. To date, the length of this feeder has been reduced from 64.7 miles in 2018 to 51.9 miles in December-2019. In 2020, system improvement projects to reconductor about 48,000 feet (about 9.1 miles) of the existing feeder by replacing the existing small wire with new larger wire, new stronger poles where needed, and new fiberglass crossarms is scheduled. Also, in 2020 a distribution automation project to upgrade an existing oil-filled recloser at a key location on the feeder with an electronic vacuum recloser equipped with SCADA (Supervisory Control and Data Acquisition) for remote monitoring and control is planned.

c. RYLT-1411

- i. This feeder is 91.6 miles long and currently serves 110 customers in rural West Texas. The customers are almost exclusively oil and gas field-related. The terrain is low scrub brush and desert sands with limited paved road access and 25% vegetation density.

- ii. The feeder violation is due to SAIDI. In 2019, multiple lightning caused events during local storms were the primary reason.
- iii. In 2019, reactive maintenance projects replaced damaged poles, crossarms, and conductor after patrols of the feeder during and after adverse weather events. A planned maintenance project replaced deteriorated poles, crossarms, conductor, and ground wires that were identified by patrols of the feeder in the previous year. A distribution automation project replaced single operation line fuses at a key location on the feeder with vacuum reclosing fuses. A system improvement project at the substation is planned for 2021 that will upgrade the existing substation transformer and associated facilities.

Seven Consecutive Years (Six Year Violation)

d. SBEAN-6011

- i. This feeder is 24.3 miles long and currently serves 56 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% tree density.
- ii. The feeder violations are due to SAIDI (Six Year) and SAIFI (One Year). In 2019, there were multiple unknown, swinging conductor, and lightning caused events during adverse weather.
- iii. In 2019, system improvement projects installed capacitor banks at multiple locations on the feeder to improve voltage support. Two distribution automation projects replaced single operation line fuses at key locations on the feeder with vacuum reclosing fuses. A system improvement project to reconductor about 13,000 feet (about 2.5 miles) of the existing feeder by replacing the existing small wire with new larger wire, new stronger poles where needed, and new fiberglass crossarms is in progress and is near completion in the first quarter of 2020. Also, a system improvement project at the substation was started in 2019 that is installing a new 46.7MVA Bank #2 transformer with two new feeder breakers. The existing Bank #1 only has two feeders (6011 and 6021). These additional feeders should allow more load diversity among the four feeders and provide an alternate source

capability to this and the other existing feeder. This project is scheduled to be completed in 2020.

e. BRNSY-1211

- i. This feeder is 64.8 miles long and currently serves 111 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.
- ii. The feeder violation is due to SAIDI. In 2019, lightning caused events mostly on one day in May were the primary reason.
- iii. In 2019, reactive maintenance projects replaced damaged and deteriorated poles, crossarms and other facilities after patrols of the feeder mostly after adverse weather events. A system improvement project at the substation was completed that upgraded the existing substation transformer Bank #1 to an increased load capacity of 28.0 MVA with three feeder breakers instead of only two, and a new control center configured for the newest Suburban IV substation design. The added feeder breaker will allow the existing two feeders to be reconfigured in 2020. Two distribution automation projects replaced single operation line fuses at key locations on the feeder with vacuum reclosing fuses and corrected recloser to fuse timing coordination. A detailed analysis of the locations and causes of outage events on the feeder in 2018 and in previous years resulted in a project to closely inspect a targeted 8.7 mile section of the feeder. The poles and other facilities in this section were inspected by the OSMOSE pole inspection contractor to identify deteriorated facilities for repair or replacement. Thirty-three (33) poles that were identified for restoration by installing pole trusses was completed in 2019. A planned maintenance project is scheduled to be worked in 2020 that will replace the deteriorated poles that could not be trussed as well as deteriorated crossarms that were identified by these inspections in 2019.

Six Consecutive Years (Five Year Violation)

f. GSMTH-1732

- i. This feeder is 38.4 miles long and currently serves 29 customers in rural

West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.

- ii. The feeder violation was due to SAIDI. In 2019, multiple lightning caused events during adverse weather were the primary reason.
- iii. In 2019, a reactive maintenance project replaced two spans of damaged wire. A distribution automation project replaced single operation line fuses at key locations on the feeder with vacuum reclosing fuses. A system improvement project built a new substation (Pumper) about eight miles from GSMTH with a new 28.0MVA transformer and three new feeder breakers. This project was designed in the previous year and construction was completed at the new substation in the second quarter of 2019. The purpose of this project was to provide distribution grade service to a large customer in the area and also to establish feeder ties with adjacent feeders and transfer some load from these feeders to one of the new feeders out of the new substation. An associated project has been designed, materials ordered, and construction scheduled to establish these feeder ties in 2020. When this later project is completed about 3.0 MW of load on GSMTH-1732 will be transferred to the new feeder out of the new substation. When the transfer is completed the primary miles of exposure on the feeder will be reduced about 30 percent from thirty-eight (38) miles to about twenty-seven (27) miles. Also, the feeder tie with the new feeder will provide an alternate source capability when there is an outage and temporary load transfer between the feeders is possible. A distribution automation project is planned for 2021 that will replace an existing oil-filled recloser at a key location on the feeder with an electronic vacuum recloser equipped with SCADA for remote monitoring and control single operation line fuses.

Five Consecutive Years (Four Year Violation)

g. BLKRV-8311

- i. This feeder is 58.4 miles long and currently serves 56 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.

- ii. The violation was due to SAIDI (Four Year) and SAIFI (One Year). In 2019, outage events were caused by downed overhead conductor and lightning during adverse weather. Also, several unknown cause and one public vehicle caused event occurred. This substation is about 100 miles from the nearest service center so the outage durations are naturally of longer duration due to required drive time and the time to locate the cause of the outage and then restore power to the customers.
- iii. A detailed analysis of the locations and causes of outage events on the feeder in 2018 and in previous years resulted in a project to closely inspect a targeted 7.7 mile section of the feeder. The poles and other facilities in this section were inspected by the OSMOSE pole inspection contractor to identify deteriorated facilities for repair or replacement. Six poles were identified for restoration by installing pole trusses and this work was completed in the first quarter of 2019. The other maintenance work identified on this section was completed in the third quarter. An analysis of where swinging conductor events were occurring was made and a project to install mid-span spacers on several long spans of overhead primary was completed in the third quarter. Multiple system improvement projects to install new capacitor banks for better voltage support on the feeder were completed during the year. Seven additional system improvement projects were started during the year to rebuild about 68,600 feet (about 13.0 miles) of the existing feeder by installing new larger wire, removing one-hundred ninety-four (194) older poles and crossarms and installing three-hundred twenty-seven (327) new stronger poles with new fiberglass crossarms. Two projects were completed in 2019 (about 19,000 feet), two were completed in early 2020 (about 17,000 feet), and three are in progress and scheduled for completion in 2020 (about 32,000 feet). A system improvement project is planned for 2020 to establish a new substation nearby that will allow this feeder to be reconfigured to minimize exposure and the new feeder(s) can provide an alternate source during future outage events.

h. ELMAR-3222

- i. This feeder is 40.5 miles long and currently serves 60 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.
- ii. The feeder violations were due to SAIDI (Four Year) and SAIFI (Two Year). In 2019, multiple unknown and lightning caused events - mostly during adverse weather - were the primary reason. This substation is about 60 miles from the nearest service center so the outage durations are naturally of longer duration due to required drive time and the time required locating the cause of the outage and then restoring power to the customers.
- iii. In 2019, a system improvement project rebuilt about 14,100 feet (about 2.7 miles) of the existing feeder with new poles, crossarms, and larger wire. About forty-five (45) older and deteriorated poles were removed and replaced with about eight-two (82) new taller and stronger poles with new fiberglass crossarms. Another system improvement project replaced an older oil-filled hydraulic recloser with an electronic vacuum recloser equipped with SCADA for remote monitoring and control and installed new voltage regulators to improve voltage support on the feeder. Two more projects during the year installed new capacitor banks for added voltage support on other sections of the feeder. A system improvement project is planned for 2020 to establish a new substation nearby that will allow this feeder to be reconfigured to minimize exposure and the new feeder(s) can provide an alternate source during future outage events.

Three Consecutive Years (Two Year Violation)

i. COYAN-6311

- i. This feeder is 26.0 miles long and currently serves 47 customers in West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.
- ii. The feeder violation is due to SAIDI. In 2019, multiple lightning and unknown caused events - mostly during adverse weather - were the primary reason.

- iii. In 2019, reactive maintenance projects replaced damaged crossarms and overhead conductor identified during feeder patrols mostly during and after adverse weather events. A distribution automation project replaced an older oil-filled hydraulic recloser with an electronic vacuum recloser equipped with SCADA for remote monitoring and control. Another system improvement project installed voltage regulators to improve voltage support on the feeder. A system improvement project is planned for 2021 to establish a new substation nearby that will allow this feeder to be reconfigured to minimize exposure and the new feeder(s) can provide an alternate source during future outage events.
- j. KYSTN-1021
 - i. This feeder is 36.7 miles long and currently serves 37 customers in West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.
 - ii. The feeder violation is due to SAIDI. In 2019, three poles that went down during adverse weather on one day in September were the primary reason. The soil in the area was water saturated and required the use of a dozer to move equipment to and from their locations in order to install the new poles.
 - iii. In 2019, reactive maintenance projects replaced damaged poles and other damaged facilities identified during feeder patrols mostly after adverse weather events. A system improvement project installed two new capacitor banks for added voltage support on sections of the feeder. Two system improvement projects were started to rebuild about 19,200 feet (about 3.6 miles) of the existing feeder by removing the older deteriorated poles, wood crossarms, and small wire and installing new taller and stronger poles with new fiberglass crossarms and new larger wire. Both of these projects are scheduled to be completed in 2020. A system improvement project at the substation is planned for 2022 that will add a new Bank #2 and additional feeder breakers which will allow this feeder to be reconfigured to minimize exposure and the new feeder(s) can provide an alternate source during future outage events.

k. COYNW-8151

- i. This feeder is 45.8 miles long and currently serves 62 customers in West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.
- ii. The feeder violations were due to SAIDI (Two Year) and SAIFI (Two Year). In 2019, there were multiple lightning, swinging conductor, downed overhead conductor, metering, and unknown caused outage events. Also, an electronic vacuum recloser control failure and a short duration high load condition both locked out the feeder breaker causing the high SAIFI.
- iii. In 2019, a system improvement project at the substation was completed that installed a new 28MVA Bank #2 with two new feeder breakers. The increased load capacity and two additional feeder breakers will allow for the load on the two existing feeders to be split-up among four feeders and will also make backstand options possible. Reactive maintenance projects replaced a damaged pole, two spans of damaged overhead wire and other damaged facilities identified during feeder patrols mostly after adverse weather events. A system improvement project installed a new capacitor bank for improved voltage support on the feeder. A system improvement project rebuilt about 13,500 feet (about 2.6 miles) of the feeder by removing the older deteriorated poles, wood crossarms, and small wire and installing new taller and stronger poles with new fiberglass crossarms and new larger wire. Three other system improvement projects will convert about 10,000 feet (about 1.9 miles) of the existing feeder from 12.5KV to 22KV and install a larger 22/12KV auto transformer and replace various transformers and other facilities due to the operating voltage change. These projects are scheduled to be completed in 2020. A system improvement project is planned for 2021 to establish a new substation nearby that will allow this feeder to be reconfigured to minimize exposure and the new feeder(s) can provide an alternate source during future outage events. In addition, a distribution automation project is planned for 2021 that will replace an

existing oil-filled recloser at a key location on the feeder with an electronic vacuum recloser equipped with SCADA for remote monitoring and control.

I. VESTS-3111

- i. This feeder is 18.4 miles long and currently serves 47 customers in West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 10% vegetation density.
- ii. The feeder violations were due to SAIDI (Two Year) and SAIFI (Two Year). In 2019, multiple outage events - mostly in the month of January - caused by downed overhead conductor and swinging conductor during adverse weather were the primary reasons.
- iii. System improvement projects started in the previous year were completed in early 2019. These projects rebuilt about 21,700 feet (about 4.1 miles) of the existing feeder by removing the older deteriorated poles, wood crossarms, and smaller wire and installing new taller and stronger poles with new fiberglass crossarms and new larger wire. Two system improvement projects are scheduled for 2020 that will rebuild about 1,000 feet of the existing feeder by installing new larger wire, new stronger poles where needed, and new fiberglass crossarms. A system improvement project at the substation is in progress that is replacing the existing substation transformer Bank #1 with a 28.0 MVA transformer and adding a third feeder breaker. The addition of the new feeder will allow this feeder to be reconfigured to minimize exposure and the new feeder can provide an alternate source during future outage events.

m. RSKMN-3057

- i. This feeder is 65.9 miles long and currently serves 1,128 customers in East Texas. The terrain is low scrub brush and desert sands with limited paved road access and 100% vegetation density.
- ii. The feeder violation is due to SAIDI. In 2019, a public vehicle hit and damaged a pole in January, a large tree top fell across overhead primary conductor in October, and a logging truck knocked three spans of overhead

primary conductor off their insulators in November. These were the primary reasons for this feeder to have a high SAIDI.

- iii. In 2019, reactive maintenance projects replaced damaged poles and conductor identified during patrols of the feeder mostly after adverse weather events. Reactive tree trimming was done by vegetation management during the year after adverse weather events. A system improvement project replaced a section of overloaded conductor and improved voltage support on the feeder. A distribution automation project replaced single operation line fuses at key locations on the feeder with vacuum reclosing fuses. A system improvement project was started in 2019 to convert sections of the feeder serving the city of Alto from the older 2,400 Delta voltage to the newer 24.9 kV distribution voltage. This project replaced about thirty-nine (39) older deteriorated poles and crossarms, forty-two (42) older transformers and installed three new step-down transformers and upgraded several voltage regulators. This project is nearing completion in 2020. Another distribution automation project is planned for 2020 to replace single operation line fuses at key locations on the feeder with vacuum reclosing fuses. A distribution automation project is planned for 2021 to upgrade an existing older oil-filled hydraulic recloser with a new electronic vacuum recloser equipped with SCADA for remote monitoring and control. Another system improvement project planned for 2021 will establish a feeder tie with an adjacent feeder that can provide an alternate source during future outage events.

Two Consecutive Years (One Year Violation)

- n. WELCH-4911
 - i. This feeder is 13.0 miles long and currently serves 22 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 50% vegetation density.
 - ii. The feeder violations were due to both SAIDI (One Year) and SAIFI (One Year). In 2019, swinging conductor during adverse weather on one day in

July downed four poles and broke several crossarms. In October, on the same day downed overhead primary conductor and unknown caused events occurred. Lightning caused events during adverse weather also were another reason.

iii. In 2019, reactive maintenance projects replaced four poles, several crossarms and downed primary conductor damaged during adverse weather events.

o. GASLD-4211

i. This feeder is 71.6miles long and currently serves 90 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.

ii. The feeder violation is due to SAIDI. In 2019, an unknown caused event in May and an overhead primary conductor down in December were the primary reasons.

iii. In 2019, reactive maintenance projects replaced several deteriorated poles identified during feeder patrols and overhead primary conductor damaged during adverse weather. A distribution automation project to replace single operation line fuses at key locations on the feeder with vacuum reclosing fuses is scheduled for 2020.

p. MKNGB-5321

i. This feeder has 25.1 overhead miles, 9.0 underground miles, and currently serves 444 customers in West Texas.

ii. The feeder violation is due to SAIDI. In 2019, a lightning caused event in July and several unknown caused events during the year were the primary reasons.

iii. In 2019, a reactive maintenance project replaced deteriorated overhead primary conductor identified during a patrol of the feeder. A system improvement project established a new substation (HISKY) with two feeders northwest of the MKNGB substation. A feeder tie was installed between the new feeder HISKY-8821 and MKNGB-5321. This new feeder tie will provide backstand capability for both feeders and in the event that

one feeder has an outage and the other doesn't, it is possible to close-in this tie and pick up some of the load from the feeder that is out of service. A planned vegetation management project to trim the trees on the mainline sections of the feeder is scheduled for 2020.

q. CRNES-2721

- i. This feeder is 35.7 miles long and currently serves 77 customers in West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 25% vegetation density.
- ii. The feeder violations are due to SAIDI (One Year) and SAIFI (One Year). In 2019, an overhead conductor off insulator-caused event in March and multiple unknown-caused events in June and July were the primary reasons.
- iii. In 2019, a distribution automation project replaced single operation line fuses at a key location on the feeder with vacuum reclosing fuses. A system improvement project at the substation installed a new Bank #2 28.0MVA transformer with a new feeder breaker to relieve overload conditions on the existing Bank #1 and its two feeders. Two system improvement projects rebuilt about 32,000 feet (about 6.0 miles) of the existing feeder by installing new larger wire, new stronger poles where needed, and new fiberglass crossarms. These projects were completed in the third quarter of 2019.

r. SBEAN-6021

- i. This feeder is 76.5 miles long and currently serves 175 customers in West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 25% vegetation density.
- ii. The feeder violation is due to SAIDI. In 2019, a swinging conductor caused event and pole down event both in April, and an overhead conductor down event in September were the primary reasons
- iii. In 2019, a system improvement project at the substation installed a new Bank #2 46.7MVA transformer with two new feeder breakers. The existing Bank #1 only has two feeders (6011 and 6021). These additional feeders should allow more load diversity among the four feeders and provide some

needed backstand capability to this and the other existing feeder. Several reactive maintenance projects replaced damaged poles and conductor after patrols of the feeder during and after adverse weather events. Seven system improvement projects were in progress that are rebuilding about 58,000 feet (about 11.0 miles) of the existing feeder by installing new larger wire, new stronger poles where needed, and new fiberglass crossarms. Two projects were completed in 2019, one project was completed in early 2020, and the other four projects are nearing completion. A system improvement project is in progress in 2020 to establish a new substation in the area with new feeder breakers and to build a feeder tie with one of the new feeders and transfer load from SBEAN-6021. This will reconfigure the feeder to minimize exposure and provide an alternate source during future outage events.

s. MASON-3413

- i. This feeder is 43.6 miles long and currently serves 57 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.
- ii. The feeder violations are due to SAIDI (One Year) and SAIFI (One Year). In 2019, lightning, downed overhead conductor, and unknown caused events were the primary reasons. Most of these events occurred during or after adverse weather.
- iii. In 2019, reactive maintenance projects replaced damaged poles and conductor after patrols of the feeder during and after adverse weather events. A system improvement project installed capacitor banks and upgraded voltage regulators to improve voltage support on sections of the feeder. A distribution automation project replaced single operation line fuses at a key location on the feeder with vacuum reclosing fuses. A distribution automation project is planned for 2021 to replace an existing oil-filled recloser at a key location on the feeder with an electronic vacuum recloser equipped with SCADA for remote monitoring and control. Another system improvement project planned for 2021 is to establish a new

substation nearby that will allow this feeder to be reconfigured to minimize exposure and the new feeder(s) can provide an alternate source during future outage events.

t. MASON-3412

- i. This feeder is 56.1 miles long and currently serves 97 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.
- ii. The feeder violation is due to SAIDI. In 2019, lightning, downed overhead conductor, and unknown caused events were the primary reasons. Most of these events occurred during or after adverse weather.
- iii. In 2019, a reactive maintenance project replaced damaged crossarms and conductor after a patrol of the feeder following an adverse weather event. System improvement projects installed multiple capacitor banks to improve voltage support on sections of the feeder. A distribution automation project replaced single operation line fuses at a key location on the feeder with vacuum reclosing fuses. Three system improvement projects were in progress in 2019 that reconductored about 10,400 feet (about 2.0 miles) of the existing feeder by installing new larger wire, new stronger poles where needed, and new fiberglass crossarms. One project was completed in 2019 and the other two projects are nearing completion in 2020. A system improvement project is planned for 2021 to establish a new substation nearby that will allow this feeder to be reconfigured to minimize exposure and the new feeder(s) can provide an alternate source during future outage events.

u. ELMAR-3231

- i. This feeder is 33.7 miles long and currently serves 19 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 10% vegetation density.
- ii. The feeder violations were due to SAIDI (One Year) and SAIFI (One Year). In 2019, lightning, unknown, and one crossarm caused event in June were the primary reasons.

iii. In 2019, reactive maintenance projects replaced a deteriorated pole after a patrol of the feeder and a damaged crossarm during an adverse weather event. A system improvement project installed multiple capacitor banks to improve voltage support on sections of the feeder. Another system improvement project reconducted about 4,000 feet of the existing feeder by installing new larger wire and new stronger poles where needed. In 2020, a system improvement project is scheduled to reconductor about 1,000 feet of existing feeder by installing new larger wire, new stronger poles where needed, and new fiberglass crossarms. Another system improvement project is planned for 2020 is to establish a new substation nearby that will allow this feeder to be reconfigured to minimize exposure and the new feeder(s) can provide an alternate source during outage events.

v. DIALV-3911

- i. This feeder is 110.1 miles long and currently serves 1,096 customers in rural East Texas. The terrain is pine forests with trees greater than 100 feet tall in loose sandy soils with 100% vegetation density.
- ii. The feeder violations were due to SAIDI (One Year) and SAIFI (One Year). In 2019, trees and lightning caused events were the primary reasons. Most of the lightning caused events occurred during two adverse weather days in April.
- iii. In 2019, a vegetation management project trimmed the trees in the distribution right-of-way on the mainline and multi-phase sections of the feeder (about 26.0 miles) and was completed in the third quarter. A distribution automation project is planned for 2021 to replace an existing oil-filled recloser at a key location on the feeder with an electronic vacuum recloser equipped with SCADA for remote monitoring and control.

w. HNTNG-1307

- i. This feeder is 147.1 miles long and currently serves 1,503 customers in rural East Texas. The terrain is pine forests with trees greater than 100 feet tall in loose sandy soils with 100% vegetation density.

- ii. The feeder violation is due to SAIDI. In 2019, tree caused events in August and September, a lightning caused event on one day in April, and a disconnect switch caused event the next day in April were the primary reasons.
 - iii. In 2019, targeted and reactive tree trimming was done by vegetation management during the year. Some of the tree trimming was done during or after adverse weather events.
- x. ANDRD-0921
 - i. This feeder is 55.7 miles long and currently serves 81 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.
 - ii. The feeder violation is due to SAIDI. In 2019, lightning and unknown caused events were the primary reasons.
 - iii. In 2019, reactive maintenance projects replaced damaged crossarms and conductor after patrols of the feeder during and after adverse weather events. A distribution automation project replaced single operation line fuses at a key location on the feeder with reclosing vacuum fuses. In 2020, a distribution automation project is scheduled to replace single operation line fuses at key locations on the feeder with vacuum reclosing fuses.
- y. SNDHL-3811
 - i. This feeder is 29.1 miles long and currently serves 53 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.
 - ii. The violation was due to SAIDI. In 2019, a pole down event on one day in September and unknown caused events during the year were the primary reasons.
 - iii. In 2019, reactive maintenance projects replaced damaged and deteriorated poles identified after patrols of the feeder. A planned vegetation management project to trim the trees on the mainline section of the feeder is scheduled for 2020.
- z. WINKS-0521

- i. This feeder is 24.6 miles long and currently serves 42 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.
- ii. The feeder violations were due to SAIDI (One Year) and SAIFI (One Year). In 2019, a downed overhead conductor event in June, unknown cause, and swinging conductor caused events were the primary reasons. Most of these events occurred during or after adverse weather.
- iii. In 2019, a distribution automation project replaced single operation line fuses at a key location on the feeder with vacuum reclosing fuses. A reactive maintenance project replaced damaged facilities on the feeder identified by a feeder patrol after adverse weather.

aa. FLRTN-3711

- i. This feeder is 47.0 miles long and currently serves 101 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.
- ii. The violation was due to SAIDI. In 2019, one pole down event during adverse weather in March and lightning caused events during the year were the primary reasons.
- iii. In 2019, reactive maintenance projects replaced poles and other damaged facilities identified during patrols of the feeder during and after adverse weather events. A system improvement project reconducted about 14,500 feet (about 2.7 miles) of the existing feeder with new larger wire and new stronger poles and fiberglass crossarms where needed. Targeted tree trimming was done by vegetation management during the year. A distribution automation project is planned for 2020 to replace an existing oil-filled recloser at a key location on the feeder with an electronic vacuum recloser equipped with SCADA for remote monitoring and control. Another system improvement project planned for 2020 is to establish a new substation nearby that will allow this feeder to be reconfigured to minimize exposure and the new feeder(s) can provide an alternate source during future outage events.

bb. GLSCK-2411

- i. This feeder is 120.0 miles long and currently serves 219 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% vegetation density.
- ii. The feeder violation was due to SAIDI. In 2019, one public vehicle caused event in January and lightning caused events during the year were the primary reasons.
- iii. In 2019, reactive maintenance projects replaced storm and lightning damaged poles, damaged conductor, and other damaged facilities identified during patrols of the feeder after adverse weather events. Targeted tree trimming was done by vegetation management during the year. Two system improvement projects reconducted about 12,300 feet (about 2.3 miles) of the existing feeder with new larger wire and new stronger poles and fiberglass crossarms where needed. These projects also installed voltage regulators to improve voltage support and replaced an older oil-filled hydraulic recloser with an electronic vacuum recloser equipped with SCADA for remote monitoring and control. Three distribution automation projects replaced over twenty (20) single operation fuses at key location on the feeder with vacuum reclosing fuses. Two projects were completed in the fourth quarter of 2019 and one was completed in early 2020. A system improvement project started in 2019 is in progress in 2020 that will replace an older oil-filled hydraulic recloser with an electronic vacuum recloser equipped with SCADA for remote monitoring and control and install new voltage regulators to improve voltage support on the feeder.

cc. ATHNW-1403

- i. This feeder is 70.4 miles long and currently serves 1,893 customers in rural East Texas. The terrain is sandy soils with mixed tree varieties and 95% vegetation density.
- ii. The feeder violation was due to SAIDI. In 2019, a public vehicle knocked down a pole that locked out the breaker and caused a series of long duration

outage events. The events on this one day in February were the primary reason for the high SAIDI.

- iii. In 2019, a reactive maintenance project replaced the pole that was knocked down by the public vehicle mentioned above. A planned maintenance project replaced twenty-three (23) deteriorated crossarms and other deteriorated facilities identified by a patrol of the feeder the previous year. A distribution automation project replaced an older oil-filled recloser with an electronic vacuum recloser equipped with SCADA for remote monitoring and control. A system improvement project to upgrade the feeder tie between ATHNW-1403 and ATHNW-1401 replaced about 3,700 feet of small wire with larger wire and installed two new air-break sectionalizing switches. This project increased the maximum load that can be transferred to either feeder to improve backstand capacity in the event of an outage on one feeder so that load can be temporarily transferred to the other feeder.

dd. ODESA-0242

- i. This feeder is 13.3 overhead miles, 4.6 underground miles, and currently serves 370 customers in the town of Odessa in West Texas.
- ii. The feeder violation was due to SAIDI. In 2019, several downed overhead primary conductor caused events were the primary reasons.
- iii. In 2019, reactive maintenance projects replaced a damaged pole, crossarms, two spans of conductor and a leaking transformer. A planned vegetation management project to trim the trees on the mainline sections of the feeder is scheduled for 2020. A distribution automation project is also scheduled that will replace three single operation line fuses at a key location on the feeder with a three-phase electronic vacuum recloser equipped with SCADA for remote monitoring and control. Another system improvement project planned for 2020 is to establish a new substation nearby that will allow this feeder to be reconfigured to minimize exposure and the new feeder(s) can provide an alternate source during future outage events.

ee. RSKMN-3046

- i. This feeder is 36.5 miles long and currently serves 1,088 customers in rural East Texas. The terrain is sandy soils with areas of tall trees and 100% vegetation density.
- ii. The feeder violation was due to SAIDI. In 2019, swinging conductor caused events in October and November, unknown caused events in August and November, and an ice caused event in February were the primary reasons. Most of these events occurred during or after adverse weather.
- iii. In 2019, reactive maintenance projects replaced several damaged reclosers and a damaged voltage regulator. A planned vegetation management project started the previous year was completed in 2019 that trimmed the trees in the distribution right-of-way of the mainline of the feeder (about 7.6 miles). Also, reactive tree trimming was done by vegetation management during the year. A planned vegetation management project to trim the trees on the multi-phase sections of the feeder is scheduled for 2020. Another distribution automation project planned in 2020 will replace single operation line fuses at key locations on the feeder with vacuum reclosing fuses. A distribution automation project is planned for 2021 to upgrade an existing older oil-filled hydraulic recloser with a new electronic vacuum recloser equipped with SCADA for remote monitoring and control.

ff. CRNES-2711

- i. This feeder is 35.0miles long and currently serves 127 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% tree density.
- ii. The feeder violation was due to SAIDI. In 2019, an unknown caused event in January and a lightning caused event in May were the primary reasons. Both of these events occurred during adverse weather.
- iii. In 2019, reactive maintenance projects replaced damaged poles, crossarms, and conductor identified by feeder patrols that were damaged during adverse weather events. A planned maintenance project replaced deteriorated poles and other facilities identified by a patrol of the feeder. A distribution automation project replaced single operation line fuses at a key

location on the feeder with vacuum reclosing fuses. In 2020, another distribution automation project is in progress to replace single operation line fuses at several key locations on the feeder with vacuum reclosing fuses.

gg. ELMAR-3232

- i. This feeder is 87.9 miles long and currently serves 183 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 5% tree density.
- ii. The feeder violation was due to SAIDI. In 2019, a tree caused event in June, a public vehicle caused event in February, lightning caused events during the year, and an underground primary cable caused event in December were the reasons.
- iii. In 2019, reactive maintenance projects replaced damaged poles, crossarms, and conductor identified by feeder patrols that were damaged during adverse weather events. A system improvement project installed a new capacitor bank and another project replaced a damaged capacitor bank to improve voltage support on the feeder. In 2020, a system improvement project is scheduled to reconductor about 10,400 feet (about 2.0 miles) of the existing feeder by installing new larger wire and new stronger poles and fiberglass crossarms where needed. Another system improvement project planned for 2020 will establish a new substation nearby that will allow this feeder to be reconfigured and the new feeder(s) can provide an alternate source during future outage events. Also, a distribution automation project is planned for 2021 to replace an existing oil-filled recloser at a key location on the feeder with an electronic vacuum recloser equipped with SCADA for remote monitoring and control.

hh. LMESA-2813

- i. This feeder is 72.7 miles long and currently serves 114 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 10% vegetation density.
- ii. The feeder violation was due to SAIDI. In 2019, high winds in June took down transmission poles with distribution underbuilt on them which caused

a long duration outage event to some customers while the transmission poles were replaced and primary conductor was re-installed. A lightning caused event on that same day and other days during the year, a public vehicle caused event, and a damaged crossarm caused event were the reasons for the high SAIDI.

iii. In 2019, reactive maintenance projects replaced damaged poles, crossarms, and conductor identified by feeder patrols that were damaged during adverse weather events. Targeted tree trimming was done by vegetation management during the year. A planned maintenance project replaced five deteriorated poles and other facilities. A distribution automation project replaced single operation line fuses at key locations on the feeder with vacuum reclosing fuses. In 2020, a distribution automation project is scheduled to replace an older oil-filled hydraulic recloser with an electronic vacuum recloser and also to install a new electronic vacuum recloser at a key location on the feeder to improve sectionalizing during future outage events. Both of these new electronic reclosers will be equipped with SCADA for remote monitoring and control.

ii. TRPMN-4094

- i. This feeder is 51.2 miles long and currently serves 595 customers in rural East Texas. The terrain is sandy soils with areas of tall trees and 100% vegetation density.
- ii. The feeder violation was due to SAIDI. In 2019, one tree caused event in June and several others during the year were the primary reasons.
- iii. In 2019, a planned vegetation management project started the previous year was completed that trimmed trees along the distribution right-of-way of feeder (about 17.5 miles). Also reactive tree trimming was done by vegetation management during the year. A distribution automation project installed three new IntelliRupter vacuum pulse-closing automated switches and 20 repeater communication units on two adjacent feeders in order to provide automatic service restoration between TRPMN-4094 and WHOUS-4122. A distribution automation project is planned for 2020 to upgrade an

existing older oil-filled hydraulic recloser with a new electronic vacuum recloser equipped with SCADA for remote monitoring and control. Another distribution automation project is planned for 2020 to replace single operation line fuses at key locations on the feeder with vacuum reclosing fuses.

jj. PMBRK-1821

- i. This feeder is 42.7 miles long and currently serves 67 customers in rural West Texas. The terrain is low scrub brush and desert sands with limited paved road access and 25% vegetation density.
- ii. The feeder violation was due to SAIDI. In 2019, a downed pole event in June after several hours of high wind gusts and a broken pole caused event in September were the primary reasons.
- iii. In 2019, reactive maintenance projects replaced poles damaged during adverse weather events. A planned maintenance project replaced deteriorated crossarms and other facilities identified by a patrol of the feeder in the previous year. A system improvement project upgraded voltage regulators to improve voltage support on the feeder. Two distribution automation projects replaced single operation line fuses at a key location on the feeder with vacuum reclosing fuses. A system improvement project is in progress to reconductor about 5,500 feet (about 1.0 mile) of the existing feeder with new larger wire and new stronger poles and fiberglass crossarms where needed. In 2020, a distribution automation project is in progress to replace single operation line fuses at several key locations on the feeder with vacuum reclosing fuses. A system improvement project is planned for 2020 to decommission the PMBRK substation and transfer load to a larger capacity substation nearby with five feeder breakers.

kk. OVRTN-4015

- i. This feeder is 29.2 miles long and currently serves 621 customers in rural East Texas. The terrain is sandy soils with areas of tall trees and 100% vegetation density.

- ii. The feeder violations were due to SAIDI (One Year) and SAIFI (One Year). In 2019, tree caused events in February and September and a lightning caused event in March were the primary reasons.
- iii. In 2019, a distribution automation project replaced single operation line fuses at a key location on the feeder with vacuum reclosing fuses. Reactive tree trimming was done by vegetation management during the year. A distribution automation project is planned for 2020 to replace single operation line fuses at key locations on the feeder with vacuum reclosing fuses.

ii. CRISP-1501

- i. This feeder is 36.6 miles long and currently serves 257 customers in rural Central Texas. The terrain is sandy soils with areas of tall trees and 100% vegetation density.
- ii. The feeder violation was due to SAIDI. In 2019, a downed overhead conductor event in April during adverse weather, a public contact of overhead primary conductor event in May, and a public vehicle event in June were the primary reasons.
- iii. A planned vegetation management project started the previous year was completed in early 2019 that trimmed the trees in the distribution row-of-way of the feeder (about 16.3 miles). A distribution automation project is planned for 2020 to replace single operation line fuses at key locations on the feeder with vacuum reclosing fuses.

mm. SHNRW-1609

- i. This feeder is 22.0 overhead miles, 12.2 underground miles, and currently serves 1,806 customers in the town of Sherman in North Central Texas. There is a 75% vegetation density on this feeder.
- ii. The feeder violation was due to SAIFI. In 2019, an overhead to underground termination caused event in August, an overhead insulator caused event in September, an unknown caused event and a lightning caused event both on the same day also in September were the primary reasons.

- iii. A planned vegetation management project started the previous year was completed in early 2019 that trimmed the trees in the distribution row-of-way of the feeder (about 12.7 miles). Reactive tree trimming work was also done during the year.

nn. CSHNG-1201

- i. This feeder is 94.2 miles long and currently serves 922 customers in rural East Texas. The terrain is pine forests with trees greater than 100 feet tall in loose sandy soils with 100% vegetation density.
- ii. The feeder violation was due to SAIFI. In 2019, a swinging conductor caused event in April and lightning and unknown caused events in May were the primary reasons.
- iii. In 2019, a distribution automation project replaced single operation line fuses at a key location on the feeder with vacuum reclosing fuses. Targeted and reactive tree trimming was done during the year. A planned vegetation management project to trim the trees on the mainline sections of the feeder is scheduled for 2020.

oo. DALLW-0003

- i. This feeder is 11.3 overhead miles 0.6 underground miles, and currently serves 675 customers in a suburban area of DFW. There is a 50% vegetation density on this feeder.
- ii. The feeder violation was due to SAIFI. In 2019, a swinging conductor caused event in February, a lightning arrester caused event in September, and an underground primary cable caused event also in September were the primary reasons. Each of these three events caused the feeder breaker to lockout.
- iii. In 2019, reactive maintenance projects repaired a section of underground primary cable that failed and other facilities damaged during the year. Targeted tree trimming was done by vegetation management during the year. A distribution automation project is planned for 2020 to install automated vacuum switches to provide automatic service restoration between this feeder and an adjacent feeder.

pp. CRSGL-1306

- i. This feeder is 68.2 overhead miles, 3.2 underground miles, and currently serves 644 customers in rural Central Texas. There is a 40% vegetation density on this feeder.
- ii. The feeder violation was due to SAIFI. In 2019, an event caused by vines in May, a swinging conductor caused event in July, and an overhead to underground termination caused event in December were the primary reasons.
- iii. In 2019, a planned vegetation management project trimmed the trees in the distribution row-of-way of the feeder (about 9.7 miles). Also, reactive tree trimming was done by vegetation management during the year. Reactive maintenance projects replaced a span of deteriorated overhead conductor and other damaged facilities. Three system improvement projects are in progress to replace older wood poles at multiple highway crossings on the feeder with either concrete or steel poles. In 2020, a distribution automation project is scheduled to replace single operation line fuses at key locations on the feeder with vacuum reclosing fuses. Also, a distribution automation project is planned for 2021 to replace an existing oil-filled recloser at a key location on the feeder with an electronic vacuum recloser equipped with SCADA for remote monitoring and control.

qq. CKRHL-0008

- i. This feeder is 14.9 overhead miles, 8.8 underground miles, and currently serves 1,668 customers in a suburban area of DFW. There is a 40% vegetation density on this feeder.
- ii. The feeder violation was due to SAIFI. In 2019, two swinging conductor caused events on the same day in April and a public vehicle caused event in June were the primary reasons. Each of the events caused the feeder breaker to lockout.
- iii. In 2019, the feeder was patrolled during outage events and repairs were made. A system improvement project is planned for 2021 to establish a new substation nearby that will allow this feeder to be reconfigured to minimize

exposure and the new feeder(s) can provide an alternate source during future outage events.