05-GF-113

Xcel Energy

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Hand Delivered

November 7, 2002

Ms. Lynda L. Dorr
Secretary of the Commission
Public Service Commission of Wisconsin
610 North Whitney Way
P.O. Box 7854
Madison, WI 53703-7854

Re: Filing Requirement per Wis. Admin. Code Ch. PSC 113.0605 (1) 05-GF-113

Dear Ms. Dorr:

On August 1, 2000, Wis. Admin Code Ch. PSC 113 – Service Rules for Electric Utilities took effect. The revised PSC 113 contains a number of filing requirements including PSC 113.0604, which requires each utility to file an Annual Report containing various reliability, maintenance and performance data by May 1 of each year.

Per my recent discussions with Jim Lepinski, it was brought to my attention that the SAIDI, SAIFI and CAIDI statistics contained in our 2001 Annual Report filed on April 30, 2002 did not include all weather conditions. We apologize for this oversight and any inconvenience this may have caused.

Attached, in paper form and electronically, are the SAIDI, SAIFI and CAIDI reliability statistics for Northern States Power Company – Wisconsin (NSPW) , d/b/a Xcel Energy, for calendar year 2001 both including storms and excluding storms. The data is being provided for the overall NSPW system, by operating area and by feeder per PSC 113.0602(20) and PSC 113.0604(2) (a).

Please contact me at 608.280.7301, or at brian.r.zelenak@xcelenergy.com if you have any questions.

Respectfully submitted,

Brian R. Zelenak

Brian R. Zelenak
Manager, Regulatory Policy

enc.

c: Scot Cullen
James Lepinski
Internal

MFC
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Xcel Energy Wisconsin Reliability Indices for year 2001

System Aggregate Numbers *With Storms*			System Aggregate Numbers *Without Storms*		
SAIFI	**CAIDI**	**SAIDI**	**SAIFI**	**CAIDI**	**SAIDI**
1.46	241.27	351.56	0.87	123.07	107.15

	Aggregate numbers by Operating Area *With Storms*			Aggregate numbers by Operating Area *Without Storms*		
	SAIFI	**CAIDI**	**SAIDI**	**SAIFI**	**CAIDI**	**SAIDI**
60 Indianhead – Amery	1.70	218.51	371.90	0.78	99.91	78.03
61 Lakes-Rice Lake	2.93	418.76	1225.17	0.93	122.86	114.42
62 Lake Superior – Ashland	1.05	211.43	222.49	0.84	170.51	142.40
63 Range – Ironwood	3.08	229.02	705.63	2.59	181.81	470.77
64 Central East – Abbotsford	0.83	145.75	121.32	0.46	117.22	54.37
65 Central Metro – Eau Claire	1.00	151.85	151.79	0.74	82.80	61.11
66 Central West – Menomenie	1.60	255.27	408.95	0.67	81.94	55.14
67 Southern – Blair/Sparta	1.41	236.48	334.56	0.88	130.33	115.29
68 LaCrosse	0.61	81.51	49.81	0.52	62.16	32.07

SAIDI

2001

Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RID081	Wisc North	61	536	47	2467	1821867	3399.01
WTL062	Wisc North	61	1113	63	4220	3611585	3244.91
WDM081	Wisc North	61	743	56	4748	2153967	2899.01
TRL081	Wisc North	61	828	74	4329	2297803	2775.12
SUP021	Wisc North	63	149	20	1184	397931	2670.68
WTL061	Wisc North	61	1292	60	6587	3272312	2532.75
DUR022	Wisc Central	66	1019	50	3852	2444503	2398.92
PSI021	Wisc North	63	1256	110	6438	3012691	2398.64
RTL021	Wisc North	63	1035	91	9498	2447331	2364.57
RID082	Wisc North	61	734	44	4228	1468372	2000.51
MRC022	Wisc North	63	1510	98	10376	2756137	1825.26
RTL022	Wisc North	63	918	76	7209	1656459	1804.42
LKC081	Wisc North	60	1246	70	6109	2225675	1786.26
BEA414	Wisc North	60	837	74	2378	1304377	1558.40
SND021	Wisc North	61	2517	127	12216	3899174	1549.14
MDR021	Wisc Central	66	149	29	348	219059	1470.19
OPY081	Wisc North	61	611	41	1122	896109	1466.63
CON021	Wisc North	61	314	27	1199	442345	1408.74
CMR021	Wisc North	61	1082	63	3002	1520790	1405.54
EGA022	Wisc Central	66	348	22	1291	423094	1215.79
WHH023	Wisc South	67	752	15	810	874907	1163.44
MRC021	Wisc North	63	98	11	545	108567	1107.83
SLD021	Wisc North	61	281	11	607	300839	1070.60
BEA415	Wisc North	60	381	11	738	387922	1018.17
HYD032	Wisc Central	65	2546	90	11294	2568755	1008.94
RIC081	Wisc North	60	2030	89	6800	2033186	1001.57
RBL023	Wisc North	62	659	21	632	638576	969.01
POK062	Wisc North	61	876	27	2064	818348	934.19
PEP021	Wisc Central	66	898	48	1496	833616	928.30
BYF021	Wisc North	62	2185	117	10037	1985974	908.91
POK061	Wisc North	61	789	18	1853	710710	900.77
CSH021	Wisc South	67	122	11	475	107205	878.73
BIR021	Wisc North	61	925	70	1838	798880	863.65
HYD031	Wisc Central	65	55	5	204	46678	848.69
ETK021	Wisc South	67	337	11	1010	280567	832.54
DUR021	Wisc Central	66	480	13	1301	395761	824.50
CSH022	Wisc South	67	442	22	2082	362188	819.43
BIR022	Wisc North	61	572	25	1419	463906	811.02
SXF021	Wisc North	63	204	13	825	162015	794.19
CUM082	Wisc North	60	101	4	165	76720	759.60
NAP021	Wisc Central	65	516	15	1073	389741	755.31
RBL021	Wisc North	62	137	8	50	100613	734.40
GVA021	Wisc South	67	313	25	701	222744	711.64
TWT081	Wisc North	60	1116	63	3209	788452	706.50
WSM081	Wisc South	67	1239	46	1794	869176	701.51
WHR023	Wisc North	62	243	27	836	168332	692.72
HAF001	Wisc South	67	108	5	178	72922	675.20

SAIDI

2001

Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI
	Grand Total:		225705	6370	328887	79348929	351.58
JIM021	Wisc Central	65	355	21	464	235874	664.43
ELM021	Wisc Central	66	220	22	436	145842	662.92
STA082	Wisc Central	64	719	19	1079	460390	640.32
WIB569	Wisc Central	65	1271	65	4649	782458	615.62
ALC022	Wisc South	67	222	12	301	130290	586.89
CAT021	Wisc South	67	483	30	1208	273024	565.27
YLR082	Wisc North	61	1080	30	4206	608988	563.88
CVA022	Wisc South	67	371	23	1394	206618	556.92
MCO021	Wisc North	63	397	32	1709	214741	540.91
BLD021	Wisc North	63	629	26	1572	334274	531.44
TUR022	Wisc North	60	344	25	797	182409	530.26
WHH022	Wisc South	67	563	23	168	292577	519.67
WHR021	Wisc North	62	152	13	689	76054	500.36
BKD021	Wisc North	62	290	26	836	143489	494.79
MLS021	Wisc South	67	515	19	1404	245243	476.20
EWA001	Wisc North	61	3	3	7	1422	474.00
CLL081	Wisc North	60	496	25	403	231041	465.81
EGA021	Wisc Central	66	117	6	256	54298	464.09
CPM022	Wisc South	67	5	2	16	2221	444.20
CPM023	Wisc South	67	6	3	13	2636	439.33
OSC022	Wisc North	60	701	53	2870	307115	438.11
GST021	Wisc North	60	403	18	378	175285	434.95
WND081	Wisc Central	66	271	17	667	115002	424.36
BLA021	Wisc South	67	673	49	1626	279416	415.18
FAY001	Wisc North	62	258	8	510	104882	406.52
RCL031	Wisc North	61	1362	85	1294	543665	399.17
BLA023	Wisc South	67	555	10	758	217053	391.09
IHD021	Wisc North	63	322	25	1031	125006	388.22
TUR021	Wisc North	60	290	10	643	111562	384.70
TWN022	Wisc North	63	676	42	2938	254641	376.69
RSH081	Wisc North	60	2135	34	9516	802928	376.08
TWN021	Wisc North	63	693	25	2887	256393	369.98
AMY001	Wisc North	60	560	13	566	205843	367.58
ELM022	Wisc Central	66	589	7	710	216429	367.45
CPM026	Wisc South	67	403	5	619	147773	366.68
ALC021	Wisc South	67	394	17	921	142729	362.26
LUK021	Wisc North	60	1022	33	1804	368739	360.80
CNR001	Wisc North	63	3	2	6	1065	355.00
HGN021	Wisc North	63	6	2	12	2130	355.00
JKS021	Wisc North	63	4	2	8	1420	355.00
TLA001	Wisc North	63	1	2	2	355	355.00
CPM024	Wisc South	67	396	3	587	135248	341.54
CUM081	Wisc North	60	222	12	294	75339	339.36
ARK082	Wisc Central	66	596	20	1331	200078	335.70
WSM091	Wisc South	67	1976	50	2809	650214	329.06
MEN032	Wisc Central	66	1774	40	1910	572128	322.51
GLM021	Wisc Central	64	475	27	1291	151465	318.87

SAIDI

2001

Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI
	Grand Total:		226705	6870	[illegible]	[illegible]	[illegible]
SCF024	Wisc North	60	223	14	584	70400	315.70
TAD021	Wisc North	61	334	12	872	100791	301.77
CPM034	Wisc South	67	49	2	59	14713	300.27
LAX063	Wisc South	68	1480	6	1588	442978	299.31
CPM033	Wisc South	67	393	4	458	116168	295.59
ARK081	Wisc Central	66	85	4	172	24532	288.61
CPM025	Wisc South	67	225	5	256	64889	288.40
CPM032	Wisc South	67	618	6	702	177446	287.13
LUP001	Wisc North	63	3	2	6	861	287.00
CVA021	Wisc South	67	660	29	1803	189076	286.48
NLV032	Wisc Central	64	538	18	1220	153881	286.02
CAB022	Wisc North	61	289	21	500	81334	281.43
HWK021	Wisc North	61	226	6	247	62316	275.73
BLA022	Wisc South	67	15	1	17	4080	272.00
NAP022	Wisc Central	65	1417	23	1660	383634	270.74
HER001	Wisc North	62	142	11	221	37689	265.42
BAY021	Wisc North	60	800	26	866	209581	261.98
TRL082	Wisc North	61	352	13	216	91570	260.14
ELL021	Wisc North	60	1032	17	1226	264911	256.70
WBN022	Wisc North	62	444	17	246	112817	254.09
SPR021	Wisc Central	66	748	28	1519	189959	253.96
CPM035	Wisc South	67	99	2	96	24882	251.33
GAL021	Wisc South	67	1254	42	2316	314853	251.08
WHR022	Wisc North	62	225	12	336	54882	243.92
NLV021	Wisc Central	64	987	7	1945	239054	242.20
VIR061	Wisc South	67	1316	42	3216	318630	242.12
HAL062	Wisc Central	65	1615	25	3720	389452	241.15
GEN198	Wisc South	68	271	7	273	64922	239.56
TRP021	Wisc Central	64	505	41	808	120645	238.90
EGP211	Wisc Central	65	1157	34	3115	270898	234.14
SPA032	Wisc South	67	1783	59	1199	416265	233.46
RKL021	Wisc South	67	725	50	988	168424	232.31
RBL022	Wisc North	62	175	4	35	40496	231.41
BES021	Wisc North	63	1063	33	2711	244447	229.96
ELL022	Wisc North	60	310	3	318	70218	226.51
AUG022	Wisc Central	65	694	8	786	156522	225.54
STM021	Wisc Central	65	522	13	443	117723	225.52
ALM559	Wisc Central	66	505	11	1444	103859	205.66
MER021	Wisc South	67	762	16	634	156497	205.38
CTS021	Wisc Central	64	722	17	653	146168	202.45
NSI001	Wisc North	63	631	7	1915	121014	191.78
FIN022	Wisc North	61	1927	104	2867	353905	183.66
PHL032	Wisc North	62	3	1	3	543	181.00
VIR003	Wisc South	67	894	14	1600	160337	179.35
FEN073	Wisc South	68	954	26	3163	170020	178.22
KIN081	Wisc North	60	448	24	1015	78503	175.23
CHF031	Wisc Central	65	434	9	505	75613	174.22

SAIDI

2001

Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI
	Grand Total:		225705	6370	[illegible]	[illegible]	[illegible]
CAB021	Wisc North	61	420	25	685	71874	171.13
LOY022	Wisc Central	64	749	23	951	127381	170.07
EGP021	Wisc Central	65	1167	56	1142	196667	168.52
CEF081	Wisc Central	66	815	33	1888	135795	166.62
WLR082	Wisc North	60	2232	34	2545	366220	164.08
MSE021	Wisc North	62	29	1	29	4611	159.00
CAD061	Wisc Central	65	51	6	54	7622	149.45
HWD022	Wisc North	61	668	19	911	99541	149.01
EGP022	Wisc Central	65	482	24	124	71156	147.63
ELS027	Wisc Central	65	2104	27	2714	308129	146.45
MEN021	Wisc Central	66	878	27	651	121820	138.75
PRE021	Wisc North	60	1280	36	1037	175747	137.30
NEL021	Wisc Central	66	245	8	274	33354	136.14
AUG021	Wisc Central	65	318	10	354	41643	130.95
TCN091	Wisc Central	64	947	27	849	122101	128.93
RSH091	Wisc North	60	946	26	1479	121818	128.77
RSK021	Wisc Central	66	669	32	657	85011	127.07
BES022	Wisc North	63	1082	12	1324	134762	124.55
LAX077	Wisc South	68	739	29	2541	90266	122.15
BFT061	Wisc North	62	576	17	350	69930	121.41
NLV031	Wisc Central	64	584	23	643	70453	120.64
RSH092	Wisc North	60	305	4	425	34841	114.23
OLU021	Wisc North	62	94	4	88	10387	110.50
WSM092	Wisc South	67	1092	15	295	116326	106.53
STA083	Wisc Central	64	562	15	673	57938	103.09
ELS024	Wisc Central	65	97	1	97	9991	103.00
NRA001	Wisc North	63	469	5	492	47196	100.63
TRX021	Wisc Central	65	979	44	1069	97614	99.71
MEY021	Wisc North	63	3	1	3	294	98.00
HAY082	Wisc Central	66	1702	40	2418	165069	96.99
TRP022	Wisc Central	64	911	10	1030	88254	96.88
ALM560	Wisc Central	66	15	1	15	1380	92.00
HUR022	Wisc North	63	862	22	305	78885	91.51
SPA022	Wisc South	67	1432	33	534	131046	91.51
WLR081	Wisc North	60	654	17	575	59538	91.04
LAX076	Wisc South	68	1158	24	3043	103888	89.71
HAL073	Wisc Central	65	409	7	274	34494	84.34
BNT021	Wisc North	62	471	21	217	39300	83.44
NFO021	Wisc North	62	1057	29	682	87535	82.81
WDB001	Wisc North	63	7	3	3	554	79.14
MAD062	Wisc Central	65	929	22	402	71731	77.21
NFO031	Wisc North	62	1317	15	1178	101284	76.91
MNT001	Wisc North	63	822	22	463	61901	75.31
VIR002	Wisc South	67	496	2	501	37350	75.30
PRN021	Wisc North	62	775	29	455	54388	70.18
FEN062	Wisc South	68	486	8	271	34098	70.16
SWC071	Wisc South	68	254	3	269	17647	69.48

SAIDI

2001

Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI
	Grand Total:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HAL072	Wisc Central	65	1144	23	1377	78337	68.48
CRN001	Wisc North	62	118	3	119	7956	67.42
CHF022	Wisc Central	65	1670	25	1063	107717	64.50
GST023	Wisc North	60	569	19	157	35689	62.72
SCF025	Wisc North	60	967	15	1144	59732	61.77
PRE022	Wisc North	60	629	19	181	38284	60.86
LYN022	Wisc Central	64	415	9	440	25226	60.79
RIC082	Wisc North	60	22	1	9	1305	59.32
PTW001	Wisc North	62	310	13	94	18267	58.93
MNR021	Wisc North	62	95	4	72	5494	57.83
LAX067	Wisc South	68	790	5	219	45144	57.14
RCL021	Wisc North	61	51	2	43	2910	57.06
OTC021	Wisc Central	65	513	8	677	28675	55.90
STM022	Wisc Central	65	994	19	381	55099	55.43
OSC021	Wisc North	60	1256	26	1437	69151	55.06
SPE021	Wisc Central	64	1014	24	413	54985	54.23
LON062	Wisc Central	65	467	5	129	24560	52.59
ELS032	Wisc Central	65	1176	12	1516	60060	51.07
MNR022	Wisc North	62	110	6	79	5562	50.56
COU077	Wisc South	68	1776	27	460	88236	49.68
HAL063	Wisc Central	65	1479	15	1793	73095	49.42
LON071	Wisc Central	65	653	3	92	31380	48.06
IRW002	Wisc North	63	562	5	573	24480	43.56
OSC031	Wisc North	60	17	1	17	714	42.00
BYD001	Wisc Central	64	314	7	80	13068	41.62
OWN021	Wisc Central	64	1236	22	525	51421	41.60
MEN022	Wisc Central	66	1542	42	1911	64031	41.52
MAF072	Wisc South	68	653	21	328	26044	39.88
LAX075	Wisc South	68	1600	18	445	63368	39.61
IRW003	Wisc North	63	531	11	165	20971	39.49
MAD071	Wisc Central	65	729	13	198	28135	38.59
HWD021	Wisc North	61	539	17	166	20662	38.33
COC021	Wisc Central	66	399	17	156	15265	38.26
LAX065	Wisc South	68	948	10	1990	35835	37.80
COU069	Wisc South	68	471	10	91	17379	36.90
PRS563	Wisc Central	65	3	1	3	108	36.00
PRS565	Wisc Central	65	3	1	3	108	36.00
WBN021	Wisc North	62	837	10	136	29981	35.82
ONA061	Wisc South	68	2244	35	1071	77901	34.72
HAY081	Wisc Central	66	647	10	682	22350	34.54
HLA062	Wisc South	68	1426	35	430	48407	33.95
COU068	Wisc South	68	1876	31	602	62445	33.29
COU062	Wisc South	68	1373	19	275	44720	32.57
RCD023	Wisc Central	66	888	26	254	28675	32.29
ELS021	Wisc Central	65	424	8	88	13511	31.87
LOY021	Wisc Central	64	960	23	306	30564	31.84
RVW021	Wisc Central	65	81	1	17	2499	30.85

SAIDI

2001

Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI
	Grand Total:		225705	6370	328887	79348929	351.56
RCD022	Wisc Central	66	104	4	10	3158	30.37
COU079	Wisc South	68	547	10	188	16533	30.22
USR533	Wisc Central	65	6	1	1	177	29.50
LPA001	Wisc North	62	3	1	1	88	29.33
GMT021	Wisc North	60	198	4	23	5148	26.00
TRX032	Wisc Central	65	1804	24	475	46854	25.97
MAF071	Wisc South	68	1064	15	245	27568	25.91
STA081	Wisc Central	64	282	5	74	7304	25.90
ONA062	Wisc South	68	937	7	177	23897	25.50
OTC031	Wisc Central	65	1709	27	719	43020	25.17
OGE021	Wisc North	62	171	6	26	4282	25.04
GLA021	Wisc North	63	75	3	14	1780	23.73
WLR092	Wisc North	60	3759	46	541	87767	23.35
PHL031	Wisc North	62	1000	17	250	22706	22.71
COU071	Wisc South	68	1302	14	197	29041	22.30
FEN061	Wisc South	68	1183	22	299	26295	22.23
COU061	Wisc South	68	1561	10	292	34378	22.02
TCN092	Wisc Central	64	2127	20	416	45940	21.60
RCD024	Wisc Central	66	121	5	166	2556	21.12
CHF024	Wisc Central	65	1365	26	476	28756	21.07
ELK001	Wisc Central	65	416	10	134	8465	20.35
LAX062	Wisc South	68	1840	21	513	36999	20.11
AYR022	Wisc North	63	882	25	220	16565	18.78
TRE021	Wisc South	67	18	1	1	336	18.67
ELS031	Wisc Central	65	743	8	115	13846	18.64
LON072	Wisc Central	65	702	8	97	12671	18.05
SPA031	Wisc South	67	1560	20	164	27972	17.93
SWC072	Wisc South	68	1180	12	302	20244	17.16
TRX022	Wisc Central	65	746	15	282	12062	16.17
ELS033	Wisc Central	65	1490	12	226	23896	16.04
COU078	Wisc South	68	1207	15	239	19294	15.99
GEN197	Wisc South	68	762	14	59	11823	15.52
LYN021	Wisc Central	64	255	6	34	3897	15.28
TRX031	Wisc Central	65	77	8	21	1134	14.73
BFT062	Wisc North	62	631	13	228	9229	14.63
LAX074	Wisc South	68	637	4	1267	9020	14.16
SST061	Wisc North	62	541	22	74	7338	13.56
HUR021	Wisc North	63	374	4	51	4948	13.23
MEN023	Wisc Central	66	343	3	39	4530	13.21
FEN072	Wisc South	68	848	10	151	10896	12.85
SST062	Wisc North	62	586	8	54	7397	12.62
DRM021	Wisc North	61	192	4	48	2346	12.22
GRV021	Wisc North	62	105	8	15	1183	11.27
SHW021	Wisc Central	65	262	10	64	2878	10.98
JEF211	Wisc Central	65	97	6	14	1033	10.65
OTC023	Wisc Central	65	1370	4	1395	13839	10.10
HLA071	Wisc South	68	1211	20	216	11426	9.44

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI
	Grand Total:		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CHF023	Wisc Central	65	877	7	123	8273	9.43
LON061	Wisc Central	65	1299	8	87	11898	9.16
CHF033	Wisc Central	65	559	4	28	5030	9.00
MAF063	Wisc South	68	1544	16	323	13809	8.94
OTC032	Wisc Central	65	1454	17	175	12873	8.85
SOE001	Wisc North	62	507	3	34	3854	7.60
TRX033	Wisc Central	65	366	2	32	2618	7.15
MLN001	Wisc North	62	596	9	46	3853	6.46
MAD072	Wisc Central	65	2114	15	261	13605	6.44
CTA021	Wisc North	62	314	9	26	2001	6.37
IRW005	Wisc North	63	315	8	22	1953	6.20
AYR021	Wisc North	63	813	9	53	4522	5.56
TCN081	Wisc Central	64	2062	36	166	11423	5.54
OTC022	Wisc Central	65	1579	12	123	8270	5.24
FLC097	Wisc Central	65	609	4	15	2858	4.69
WLR091	Wisc North	60	2487	23	143	10739	4.32
SVN001	Wisc North	62	293	5	28	1265	4.32
YLR081	Wisc North	61	3	1	1	12	4.00
CLL082	Wisc North	60	405	5	20	1533	3.79
TST001	Wisc North	62	300	3	11	1085	3.62
EGP212	Wisc Central	65	284	4	11	945	3.33
MAD061	Wisc Central	65	315	2	18	1022	3.24
ELS034	Wisc Central	65	282	3	3	804	2.85
SWC061	Wisc South	68	355	3	5	995	2.80
DRS211	Wisc North	61	109	2	2	297	2.72
CHF021	Wisc Central	65	640	4	16	1647	2.57
GDN021	Wisc North	62	421	4	12	914	2.17
SPA021	Wisc South	67	461	2	54	945	2.05
ELS022	Wisc Central	65	465	8	9	910	1.96
MAF061	Wisc South	68	272	2	5	479	1.76
FIN021	Wisc North	61	661	5	21	1158	1.75
MCO001	Wisc North	63	203	4	4	354	1.74
PHL021	Wisc North	62	743	7	15	1235	1.66
LON063	Wisc Central	65	204	2	2	339	1.66
OPK010	Wisc North	60	347	5	8	544	1.57
BAV001	Wisc North	62	732	7	7	494	0.67
IRB001	Wisc North	63	149	1	1	99	0.66
VAV001	Wisc North	62	282	1	1	41	0.15
ALN001	Wisc North	63	7	0	0	0	0.00
AMC001	Wisc North	62	3	0	0	0	0.00
AMC002	Wisc North	62	3	0	0	0	0.00
BGR020	Wisc South	67	0	0	0	0	0.00
BLR020	Wisc Central	65	0	1	0	0	0.00
BMU021	Wisc North	61	0	0	0	0	0.00
BRA001	Wisc North	63	1	0	0	0	0.00
CAD001	Wisc Central	65	0	0	0	0	0.00
CFO001	Wisc North	61	3	0	0	0	0.00

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Xcel Energy - Wisconsin YE Feeder Reliability
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Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CHF032	Wisc Central	65	0	0	0	0	0.00
CHF034	Wisc Central	65	0	0	0	0	0.00
COR197	Wisc Central	65	0	0	0	0	0.00
COR198	Wisc Central	65	3	0	0	0	0.00
CPM021	Wisc South	67	0	1	0	0	0.00
DRS212	Wisc North	61	0	0	0	0	0.00
EGA023	Wisc Central	66	0	1	0	0	0.00
ELS023	Wisc Central	65	15	0	0	0	0.00
FEN063	Wisc South	68	597	0	0	0	0.00
FEN071	Wisc South	68	0	0	0	0	0.00
FLB010	Wisc North	62	3	0	0	0	0.00
GAS62I	Wisc North	62	0	0	0	0	0.00
GAS62S	Wisc North	62	4	0	0	0	0.00
GAS63E	Wisc North	63	136	0	0	0	0.00
GAS63W	Wisc North	63	404	0	0	0	0.00
GAS651	Wisc Central	65	2	0	0	0	0.00
GAS681	Wisc South	68	23	0	0	0	0.00
GAS68A	Wisc South	68	2	0	0	0	0.00
GAS68B	Wisc South	68	0	0	0	0	0.00
GAS68C	Wisc South	68	0	0	0	0	0.00
GOG001	Wisc North	63	3	0	0	0	0.00
HLA063	Wisc South	68	0	0	0	0	0.00
HWY021	Wisc North	62	3	0	0	0	0.00
HYD211	Wisc Central	65	39	0	0	0	0.00
HYD212	Wisc Central	65	63	0	0	0	0.00
INO001	Wisc North	62	3	0	0	0	0.00
IRP001	Wisc North	63	3	0	0	0	0.00
IRP002	Wisc North	63	0	0	0	0	0.00
IRW001	Wisc North	63	350	0	0	0	0.00
IRW004	Wisc North	63	0	0	0	0	0.00
JEF221	Wisc Central	65	9	0	0	0	0.00
LDP001	Wisc North	61	0	0	0	0	0.00
LKH010	Wisc Central	64	3	0	0	0	0.00
LKH020	Wisc Central	64	3	0	0	0	0.00
MAF062	Wisc South	68	51	0	0	0	0.00
MAF073	Wisc South	68	365	0	0	0	0.00
MEN031	Wisc Central	66	25	0	0	0	0.00
MFN021	Wisc Central	64	0	0	0	0	0.00
MFS021	Wisc Central	64	0	0	0	0	0.00
MFW021	Wisc Central	64	0	0	0	0	0.00
MID001	Wisc North	63	3	0	0	0	0.00
MLS022	Wisc South	67	0	1	0	0	0.00
OJB021	Wisc North	63	5	0	0	0	0.00
OPK011	Wisc North	60	9	0	0	0	0.00
PMP001	Wisc North	61	6	0	0	0	0.00
RCD031	Wisc Central	66	3	0	0	0	0.00
RCD032	Wisc Central	66	6	0	0	0	0.00

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI
	Grand Total:		225705	6370	[illegible]	[illegible]	[illegible]
RCD033	Wisc Central	66	3	0	0	0	0.00
RCL029	Wisc North	61	0	0	0	0	0.00
RCL039	Wisc North	61	0	0	0	0	0.00
SAX001	Wisc North	63	3	0	0	0	0.00
SLA001	Wisc North	61	0	1	0	0	0.00
SPA033	Wisc South	67	0	0	0	0	0.00
SPN001	Wisc North	61	0	0	0	0	0.00
SQN001	Wisc North	62	3	0	0	0	0.00
STE471	Wisc Central	65	3	0	0	0	0.00
STE472	Wisc Central	65	3	0	0	0	0.00
SUM211	Wisc Central	65	0	0	0	0	0.00
SUM212	Wisc Central	65	0	0	0	0	0.00
SWC062	Wisc South	68	12	0	0	0	0.00
THA001	Wisc North	61	0	0	0	0	0.00
TMU001	Wisc South	67	0	0	0	0	0.00
TRX023	Wisc Central	65	0	0	0	0	0.00
UPS001	Wisc North	63	45	0	0	0	0.00
USR534	Wisc Central	65	9	0	0	0	0.00
WAF001	Wisc North	63	3	0	0	0	0.00
WBI021	Wisc North	62	3	0	0	0	0.00
WBY171	Wisc South	67	0	0	0	0	0.00
WTH001	Wisc North	61	0	1	3	4311	0.00

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIFI
	Grand Total:		225705	6370	328887	79348929	1.46
RTL021	Wisc North	63	1035	91	9498	2447331	9.18
SUP021	Wisc North	63	149	20	1184	397931	7.95
RTL022	Wisc North	63	918	76	7209	1656459	7.85
MRC022	Wisc North	63	1510	98	10376	2756137	6.87
WDM081	Wisc North	61	743	56	4748	2153967	6.39
RID082	Wisc North	61	734	44	4228	1468372	5.76
MRC021	Wisc North	63	98	11	545	108567	5.56
TRL081	Wisc North	61	828	74	4329	2297803	5.23
PSI021	Wisc North	63	1256	110	6438	3012691	5.13
WTL061	Wisc North	61	1292	60	6587	3272312	5.10
LKC081	Wisc North	60	1246	70	6109	2225675	4.90
SND021	Wisc North	61	2517	127	12216	3899174	4.85
CSH022	Wisc South	67	442	22	2082	362188	4.71
RID081	Wisc North	61	536	47	2467	1821867	4.60
BYF021	Wisc North	62	2185	117	10037	1985974	4.59
WHR021	Wisc North	62	152	13	689	76054	4.53
RSH081	Wisc North	60	2135	34	9516	802928	4.46
HYD032	Wisc Central	65	2546	90	11294	2568755	4.44
TWN022	Wisc North	63	676	42	2938	254641	4.35
MCO021	Wisc North	63	397	32	1709	214741	4.30
TWN021	Wisc North	63	693	25	2887	256393	4.17
OSC022	Wisc North	60	701	53	2870	307115	4.09
SXF021	Wisc North	63	204	13	825	162015	4.04
YLR082	Wisc North	61	1080	30	4206	608988	3.89
CSH021	Wisc South	67	122	11	475	107205	3.89
CON021	Wisc North	61	314	27	1199	442345	3.82
WTL062	Wisc North	61	1113	63	4220	3611585	3.79
DUR022	Wisc Central	66	1019	50	3852	2444503	3.78
CVA022	Wisc South	67	371	23	1394	206618	3.76
EGA022	Wisc Central	66	348	22	1291	423094	3.71
HYD031	Wisc Central	65	55	5	204	46678	3.71
WIB569	Wisc Central	65	1271	65	4649	782458	3.66
WHR023	Wisc North	62	243	27	836	168332	3.44
LAX077	Wisc South	68	739	29	2541	90266	3.44
RIC081	Wisc North	60	2030	89	6800	2033186	3.35
FEN073	Wisc South	68	954	26	3163	170020	3.32
IHD021	Wisc North	63	322	25	1031	125006	3.20
CPM022	Wisc South	67	5	2	16	2221	3.20
NSI001	Wisc North	63	631	7	1915	121014	3.03
ETK021	Wisc South	67	337	11	1010	280567	3.00
BKD021	Wisc North	62	290	26	836	143489	2.88
TWT081	Wisc North	60	1116	63	3209	788452	2.88
ALM559	Wisc Central	66	505	11	1444	103859	2.86
BEA414	Wisc North	60	837	74	2378	1304377	2.84
CMR021	Wisc North	61	1082	63	3002	1520790	2.77
CVA021	Wisc South	67	660	29	1803	189076	2.73
MLS021	Wisc South	67	515	19	1404	245243	2.73

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIFI
	Grand Total:		225705	6370	328887	79348929	1.46
GLM021	Wisc Central	64	475	27	1291	151465	2.72
DUR021	Wisc Central	66	480	13	1301	395761	2.71
EGP211	Wisc Central	65	1157	34	3115	270898	2.69
LAX076	Wisc South	68	1158	24	3043	103888	2.63
SCF024	Wisc North	60	223	14	584	70400	2.62
TAD021	Wisc North	61	334	12	872	100791	2.61
BES021	Wisc North	63	1063	33	2711	244447	2.55
CAT021	Wisc South	67	483	30	1208	273024	2.50
BLD021	Wisc North	63	629	26	1572	334274	2.50
BIR022	Wisc North	61	572	25	1419	463906	2.48
WND081	Wisc Central	66	271	17	667	115002	2.46
VIR061	Wisc South	67	1316	42	3216	318630	2.44
BLA021	Wisc South	67	673	49	1626	279416	2.42
POK062	Wisc North	61	876	27	2064	818348	2.36
POK061	Wisc North	61	789	18	1853	710710	2.35
ALC021	Wisc South	67	394	17	921	142729	2.34
MDR021	Wisc Central	66	149	29	348	219059	2.34
EWA001	Wisc North	61	3	3	7	1422	2.33
TUR022	Wisc North	60	344	25	797	182409	2.32
CEF081	Wisc Central	66	815	33	1888	135795	2.32
HAL062	Wisc Central	65	1615	25	3720	389452	2.30
NLV032	Wisc Central	64	538	18	1220	153881	2.27
KIN081	Wisc North	60	448	24	1015	78503	2.27
GVA021	Wisc South	67	313	25	701	222744	2.24
ARK082	Wisc Central	66	596	20	1331	200078	2.23
TUR021	Wisc North	60	290	10	643	111562	2.22
EGA021	Wisc Central	66	117	6	256	54298	2.19
CPM023	Wisc South	67	6	3	13	2636	2.17
SLD021	Wisc North	61	281	11	607	300839	2.16
LAX065	Wisc South	68	948	10	1990	35835	2.10
NAP021	Wisc Central	65	516	15	1073	389741	2.08
SPR021	Wisc Central	66	748	28	1519	189959	2.03
ARK081	Wisc Central	66	85	4	172	24532	2.02
CNR001	Wisc North	63	3	2	6	1065	2.00
HGN021	Wisc North	63	6	2	12	2130	2.00
JKS021	Wisc North	63	4	2	8	1420	2.00
LUP001	Wisc North	63	3	2	6	861	2.00
TLA001	Wisc North	63	1	2	2	355	2.00
LAX074	Wisc South	68	637	4	1267	9020	1.99
BIR021	Wisc North	61	925	70	1838	798880	1.99
ELM021	Wisc Central	66	220	22	436	145842	1.98
FAY001	Wisc North	62	258	8	510	104882	1.98
NLV021	Wisc Central	64	987	7	1945	239054	1.97
BEA415	Wisc North	60	381	11	738	387922	1.94
GAL021	Wisc South	67	1254	42	2316	314853	1.85
OPY081	Wisc North	61	611	41	1122	896109	1.84
VIR003	Wisc South	67	894	14	1600	160337	1.79

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIFI
	Grand Total:		225705	6370	[illegible]	[illegible]	[illegible]
LUK021	Wisc North	60	1022	33	1804	368739	1.77
CAB022	Wisc North	61	289	21	500	81334	1.73
PEP021	Wisc Central	66	898	48	1496	833616	1.67
HAF001	Wisc South	67	108	5	178	72922	1.65
CUM082	Wisc North	60	101	4	165	76720	1.63
CAB021	Wisc North	61	420	25	685	71874	1.63
TRP021	Wisc Central	64	505	41	808	120645	1.60
RSH091	Wisc North	60	946	26	1479	121818	1.56
HER001	Wisc North	62	142	11	221	37689	1.56
CPM026	Wisc South	67	403	5	619	147773	1.54
STA082	Wisc Central	64	719	19	1079	460390	1.50
WHR022	Wisc North	62	225	12	336	54882	1.49
FIN022	Wisc North	61	1927	104	2867	353905	1.49
CPM024	Wisc South	67	396	3	587	135248	1.48
WSM081	Wisc South	67	1239	46	1794	869176	1.45
WSM091	Wisc South	67	1976	50	2809	650214	1.42
HAY082	Wisc Central	66	1702	40	2418	165069	1.42
RSH092	Wisc North	60	305	4	425	34841	1.39
RCD024	Wisc Central	66	121	5	166	2556	1.37
BLA023	Wisc South	67	555	10	758	217053	1.37
HWD022	Wisc North	61	668	19	911	99541	1.36
RKL021	Wisc South	67	725	50	988	168424	1.36
ALC022	Wisc South	67	222	12	301	130290	1.36
CUM081	Wisc North	60	222	12	294	75339	1.32
OTC021	Wisc Central	65	513	8	677	28675	1.32
JIM021	Wisc Central	65	355	21	464	235874	1.31
ELS027	Wisc Central	65	2104	27	2714	308129	1.29
ELS032	Wisc Central	65	1176	12	1516	60060	1.29
LOY022	Wisc Central	64	749	23	951	127381	1.27
MEN022	Wisc Central	66	1542	42	1911	64031	1.24
BES022	Wisc North	63	1082	12	1324	134762	1.22
HAL063	Wisc Central	65	1479	15	1793	73095	1.21
ELM022	Wisc Central	66	589	7	710	216429	1.21
CPM034	Wisc South	67	49	2	59	14713	1.20
HAL072	Wisc Central	65	1144	23	1377	78337	1.20
STA083	Wisc Central	64	562	15	673	57938	1.20
ELL021	Wisc North	60	1032	17	1226	264911	1.19
SCF025	Wisc North	60	967	15	1144	59732	1.18
NAP022	Wisc Central	65	1417	23	1660	383634	1.17
CPM033	Wisc South	67	393	4	458	116168	1.17
CHF031	Wisc Central	65	434	9	505	75613	1.16
OSC021	Wisc North	60	1256	26	1437	69151	1.14
WLR082	Wisc North	60	2232	34	2545	366220	1.14
CPM025	Wisc South	67	225	5	256	64889	1.14
CPM032	Wisc South	67	618	6	702	177446	1.14
BLA022	Wisc South	67	15	1	17	4080	1.13
AUG022	Wisc Central	65	694	8	786	156522	1.13

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIFI
	Grand Total		225706	5370	323997	78546528	1.44
TRP022	Wisc Central	64	911	10	1030	88254	1.13
NEL021	Wisc Central	66	245	8	274	33354	1.12
AUG021	Wisc Central	65	318	10	354	41643	1.11
NLV031	Wisc Central	64	584	23	643	70453	1.10
HWK021	Wisc North	61	226	6	247	62316	1.09
TRX021	Wisc Central	65	979	44	1069	97614	1.09
BAY021	Wisc North	60	800	26	866	209581	1.08
WHH023	Wisc South	67	752	15	810	874907	1.08
MEN032	Wisc Central	66	1774	40	1910	572128	1.08
LAX063	Wisc South	68	1480	6	1588	442978	1.07
LYN022	Wisc Central	64	415	9	440	25226	1.06
SWC071	Wisc South	68	254	3	269	17647	1.06
CAD061	Wisc Central	65	51	6	54	7622	1.06
HAY081	Wisc Central	66	647	10	682	22350	1.05
NRA001	Wisc North	63	469	5	492	47196	1.05
ELL022	Wisc North	60	310	3	318	70218	1.03
IRW002	Wisc North	63	562	5	573	24480	1.02
OTC023	Wisc Central	65	1370	4	1395	13839	1.02
AMY001	Wisc North	60	560	13	566	205843	1.01
VIR002	Wisc South	67	496	2	501	37350	1.01
CRN001	Wisc North	62	118	3	119	7956	1.01
GEN198	Wisc South	68	271	7	273	64922	1.01
ALM560	Wisc Central	66	15	1	15	1380	1.00
ELS024	Wisc Central	65	97	1	97	9991	1.00
MEY021	Wisc North	63	3	1	3	294	1.00
MSE021	Wisc North	62	29	1	29	4611	1.00
OSC031	Wisc North	60	17	1	17	714	1.00
PHL032	Wisc North	62	3	1	3	543	1.00
PRS563	Wisc Central	65	3	1	3	108	1.00
PRS565	Wisc Central	65	3	1	3	108	1.00
RSK021	Wisc Central	66	669	32	657	85011	0.98
EGP021	Wisc Central	65	1167	56	1142	196667	0.98
CPM035	Wisc South	67	99	2	96	24882	0.97
RBL023	Wisc North	62	659	21	632	638576	0.96
RCL031	Wisc North	61	1362	85	1294	543665	0.95
GST021	Wisc North	60	403	18	378	175285	0.94
OLU021	Wisc North	62	94	4	88	10387	0.94
CTS021	Wisc Central	64	722	17	653	146168	0.90
TCN091	Wisc Central	64	947	27	849	122101	0.90
NFO031	Wisc North	62	1317	15	1178	101284	0.89
WLR081	Wisc North	60	654	17	575	59538	0.88
STM021	Wisc Central	65	522	13	443	117723	0.85
RCL021	Wisc North	61	51	2	43	2910	0.84
MER021	Wisc South	67	762	16	634	156497	0.83
CLL081	Wisc North	60	496	25	403	231041	0.81
PRE021	Wisc North	60	1280	36	1037	175747	0.81
MNR021	Wisc North	62	95	4	72	5494	0.76

SAIFI

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIFI
	Grand Total:		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEN021	Wisc Central	66	878	27	651	121820	0.74
MNR022	Wisc North	62	110	6	79	5562	0.72
SPA032	Wisc South	67	1783	59	1199	416265	0.67
HAL073	Wisc Central	65	409	7	274	34494	0.67
NFO021	Wisc North	62	1057	29	682	87535	0.65
CHF022	Wisc Central	65	1670	25	1063	107717	0.64
TRL082	Wisc North	61	352	13	216	91570	0.61
BFT061	Wisc North	62	576	17	350	69930	0.61
PRN021	Wisc North	62	775	29	455	54388	0.59
MNT001	Wisc North	63	822	22	463	61901	0.56
FEN062	Wisc South	68	486	8	271	34098	0.56
WBN022	Wisc North	62	444	17	246	112817	0.55
MAF072	Wisc South	68	653	21	328	26044	0.50
ONA061	Wisc South	68	2244	35	1071	77901	0.48
BNT021	Wisc North	62	471	21	217	39300	0.46
MAD062	Wisc Central	65	929	22	402	71731	0.43
WDB001	Wisc North	63	7	3	3	554	0.43
OWN021	Wisc Central	64	1236	22	525	51421	0.42
OTC031	Wisc Central	65	1709	27	719	43020	0.42
RIC082	Wisc North	60	22	1	9	1305	0.41
SPE021	Wisc Central	64	1014	24	413	54985	0.41
COC021	Wisc Central	66	399	17	156	15265	0.39
STM022	Wisc Central	65	994	19	381	55099	0.38
TRX022	Wisc Central	65	746	15	282	12062	0.38
SPA022	Wisc South	67	1432	33	534	131046	0.37
RBL021	Wisc North	62	137	8	50	100613	0.36
BFT062	Wisc North	62	631	13	228	9229	0.36
HUR022	Wisc North	63	862	22	305	78885	0.35
CHF024	Wisc Central	65	1365	26	476	28756	0.35
COU079	Wisc South	68	547	10	188	16533	0.34
LPA001	Wisc North	62	3	1	1	88	0.33
YLR081	Wisc North	61	3	1	1	12	0.33
ELK001	Wisc Central	65	416	10	134	8465	0.32
COU068	Wisc South	68	1876	31	602	62445	0.32
LOY021	Wisc Central	64	960	23	306	30564	0.32
IRW003	Wisc North	63	531	11	165	20971	0.31
HWD021	Wisc North	61	539	17	166	20662	0.31
PTW001	Wisc North	62	310	13	94	18267	0.30
HLA062	Wisc South	68	1426	35	430	48407	0.30
WHH022	Wisc South	67	563	23	168	292577	0.30
PRE022	Wisc North	60	629	19	181	38284	0.29
RCD023	Wisc Central	66	888	26	254	28675	0.29
LAX062	Wisc South	68	1840	21	513	36999	0.28
LAX075	Wisc South	68	1600	18	445	63368	0.28
LAX067	Wisc South	68	790	5	219	45144	0.28
LON062	Wisc Central	65	467	5	129	24560	0.28
GST023	Wisc North	60	569	19	157	35689	0.28

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Xcel Energy - Wisconsin YE Feeder Reliability
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Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIFI
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRX031	Wisc Central	65	77	8	21	1134	0.27
MAD071	Wisc Central	65	729	13	198	28135	0.27
WSM092	Wisc South	67	1092	15	295	116326	0.27
TRX032	Wisc Central	65	1804	24	475	46854	0.26
STA081	Wisc Central	64	282	5	74	7304	0.26
COU077	Wisc South	68	1776	27	460	88236	0.26
EGP022	Wisc Central	65	482	24	124	71156	0.26
SWC072	Wisc South	68	1180	12	302	20244	0.26
BYD001	Wisc Central	64	314	7	80	13068	0.25
FEN061	Wisc South	68	1183	22	299	26295	0.25
DRM021	Wisc North	61	192	4	48	2346	0.25
PHL031	Wisc North	62	1000	17	250	22706	0.25
AYR022	Wisc North	63	882	25	220	16565	0.25
SHW021	Wisc Central	65	262	10	64	2878	0.24
MAF071	Wisc South	68	1064	15	245	27568	0.23
RVW021	Wisc Central	65	81	1	17	2499	0.21
MAF063	Wisc South	68	1544	16	323	13809	0.21
ELS021	Wisc Central	65	424	8	88	13511	0.21
COU062	Wisc South	68	1373	19	275	44720	0.20
RBL022	Wisc North	62	175	4	35	40496	0.20
COU078	Wisc South	68	1207	15	239	19294	0.20
TCN092	Wisc Central	64	2127	20	416	45940	0.20
COU069	Wisc South	68	471	10	91	17379	0.19
ONA062	Wisc South	68	937	7	177	23897	0.19
COU061	Wisc South	68	1561	10	292	34378	0.19
GLA021	Wisc North	63	75	3	14	1780	0.19
HLA071	Wisc South	68	1211	20	216	11426	0.18
FEN072	Wisc South	68	848	10	151	10896	0.18
USR533	Wisc Central	65	6	1	1	177	0.17
WBN021	Wisc North	62	837	10	136	29981	0.16
ELS031	Wisc Central	65	743	8	115	13846	0.15
OGE021	Wisc North	62	171	6	26	4282	0.15
ELS033	Wisc Central	65	1490	12	226	23896	0.15
COU071	Wisc South	68	1302	14	197	29041	0.15
JEF211	Wisc Central	65	97	6	14	1033	0.14
WLR092	Wisc North	60	3759	46	541	87767	0.14
GRV021	Wisc North	62	105	8	15	1183	0.14
LON071	Wisc Central	65	653	3	92	31380	0.14
CHF023	Wisc Central	65	877	7	123	8273	0.14
LON072	Wisc Central	65	702	8	97	12671	0.14
SST061	Wisc North	62	541	22	74	7338	0.14
HUR021	Wisc North	63	374	4	51	4948	0.14
LYN021	Wisc Central	64	255	6	34	3897	0.13
MAD072	Wisc Central	65	2114	15	261	13605	0.12
OTC032	Wisc Central	65	1454	17	175	12873	0.12
SPA021	Wisc South	67	461	2	54	945	0.12
GMT021	Wisc North	60	198	4	23	5148	0.12

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIFI
	Grand Total		[illegible]	6370	[illegible]	[illegible]	[illegible]
MEN023	Wisc Central	66	343	3	39	4530	0.11
SPA031	Wisc South	67	1560	20	164	27972	0.11
RCD022	Wisc Central	66	104	4	10	3158	0.10
SVN001	Wisc North	62	293	5	28	1265	0.10
SST062	Wisc North	62	586	8	54	7397	0.09
TRX033	Wisc Central	65	366	2	32	2618	0.09
CTA021	Wisc North	62	314	9	26	2001	0.08
TCN081	Wisc Central	64	2062	36	166	11423	0.08
OTC022	Wisc Central	65	1579	12	123	8270	0.08
GEN197	Wisc South	68	762	14	59	11823	0.08
MLN001	Wisc North	62	596	9	46	3853	0.08
IRW005	Wisc North	63	315	8	22	1953	0.07
SOE001	Wisc North	62	507	3	34	3854	0.07
LON061	Wisc Central	65	1299	8	87	11898	0.07
AYR021	Wisc North	63	813	9	53	4522	0.07
WLR091	Wisc North	60	2487	23	143	10739	0.06
MAD061	Wisc Central	65	315	2	18	1022	0.06
TRE021	Wisc South	67	18	1	1	336	0.06
CHF033	Wisc Central	65	559	4	28	5030	0.05
CLL082	Wisc North	60	405	5	20	1533	0.05
EGP212	Wisc Central	65	284	4	11	945	0.04
TST001	Wisc North	62	300	3	11	1085	0.04
FIN021	Wisc North	61	661	5	21	1158	0.03
GDN021	Wisc North	62	421	4	12	914	0.03
CHF021	Wisc Central	65	640	4	16	1647	0.03
FLC097	Wisc Central	65	609	4	15	2858	0.02
OPK010	Wisc North	60	347	5	8	544	0.02
PHL021	Wisc North	62	743	7	15	1235	0.02
MCO001	Wisc North	63	203	4	4	354	0.02
ELS022	Wisc Central	65	465	8	9	910	0.02
MAF061	Wisc South	68	272	2	5	479	0.02
DRS211	Wisc North	61	109	2	2	297	0.02
SWC061	Wisc South	68	355	3	5	995	0.01
ELS034	Wisc Central	65	282	3	3	804	0.01
LON063	Wisc Central	65	204	2	2	339	0.01
BAV001	Wisc North	62	732	7	7	494	0.01
IRB001	Wisc North	63	149	1	1	99	0.01
VAV001	Wisc North	62	282	1	1	41	0.00
ALN001	Wisc North	63	7	0	0	0	0.00
AMC001	Wisc North	62	3	0	0	0	0.00
AMC002	Wisc North	62	3	0	0	0	0.00
BGR020	Wisc South	67	0	0	0	0	0.00
BLR020	Wisc Central	65	0	1	0	0	0.00
BMU021	Wisc North	61	0	0	0	0	0.00
BRA001	Wisc North	63	1	0	0	0	0.00
CAD001	Wisc Central	65	0	0	0	0	0.00
CFO001	Wisc North	61	3	0	0	0	0.00

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIFI
	Grand Total:		225705	6970	328087	79948929	1.46
CHF032	Wisc Central	65	0	0	0	0	0.00
CHF034	Wisc Central	65	0	0	0	0	0.00
COR197	Wisc Central	65	0	0	0	0	0.00
COR198	Wisc Central	65	3	0	0	0	0.00
CPM021	Wisc South	67	0	1	0	0	0.00
DRS212	Wisc North	61	0	0	0	0	0.00
EGA023	Wisc Central	66	0	1	0	0	0.00
ELS023	Wisc Central	65	15	0	0	0	0.00
FEN063	Wisc South	68	597	0	0	0	0.00
FEN071	Wisc South	68	0	0	0	0	0.00
FLB010	Wisc North	62	3	0	0	0	0.00
GAS62I	Wisc North	62	0	0	0	0	0.00
GAS62S	Wisc North	62	4	0	0	0	0.00
GAS63E	Wisc North	63	136	0	0	0	0.00
GAS63W	Wisc North	63	404	0	0	0	0.00
GAS651	Wisc Central	65	2	0	0	0	0.00
GAS681	Wisc South	68	23	0	0	0	0.00
GAS68A	Wisc South	68	2	0	0	0	0.00
GAS68B	Wisc South	68	0	0	0	0	0.00
GAS68C	Wisc South	68	0	0	0	0	0.00
GOG001	Wisc North	63	3	0	0	0	0.00
HLA063	Wisc South	68	0	0	0	0	0.00
HWY021	Wisc North	62	3	0	0	0	0.00
HYD211	Wisc Central	65	39	0	0	0	0.00
HYD212	Wisc Central	65	63	0	0	0	0.00
INO001	Wisc North	62	3	0	0	0	0.00
IRP001	Wisc North	63	3	0	0	0	0.00
IRP002	Wisc North	63	0	0	0	0	0.00
IRW001	Wisc North	63	350	0	0	0	0.00
IRW004	Wisc North	63	0	0	0	0	0.00
JEF221	Wisc Central	65	9	0	0	0	0.00
LDP001	Wisc North	61	0	0	0	0	0.00
LKH010	Wisc Central	64	3	0	0	0	0.00
LKH020	Wisc Central	64	3	0	0	0	0.00
MAF062	Wisc South	68	51	0	0	0	0.00
MAF073	Wisc South	68	365	0	0	0	0.00
MEN031	Wisc Central	66	25	0	0	0	0.00
MFN021	Wisc Central	64	0	0	0	0	0.00
MFS021	Wisc Central	64	0	0	0	0	0.00
MFW021	Wisc Central	64	0	0	0	0	0.00
MID001	Wisc North	63	3	0	0	0	0.00
MLS022	Wisc South	67	0	1	0	0	0.00
OJB021	Wisc North	63	5	0	0	0	0.00
OPK011	Wisc North	60	9	0	0	0	0.00
PMP001	Wisc North	61	6	0	0	0	0.00
RCD031	Wisc Central	66	3	0	0	0	0.00
RCD032	Wisc Central	66	6	0	0	0	0.00

SAIFI

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIFI
	Grand Total		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RCD033	Wisc Central	66	3	0	0	0	0.00
RCL029	Wisc North	61	0	0	0	0	0.00
RCL039	Wisc North	61	0	0	0	0	0.00
SAX001	Wisc North	63	3	0	0	0	0.00
SLA001	Wisc North	61	0	1	0	0	0.00
SPA033	Wisc South	67	0	0	0	0	0.00
SPN001	Wisc North	61	0	0	0	0	0.00
SQN001	Wisc North	62	3	0	0	0	0.00
STE471	Wisc Central	65	3	0	0	0	0.00
STE472	Wisc Central	65	3	0	0	0	0.00
SUM211	Wisc Central	65	0	0	0	0	0.00
SUM212	Wisc Central	65	0	0	0	0	0.00
SWC062	Wisc South	68	12	0	0	0	0.00
THA001	Wisc North	61	0	0	0	0	0.00
TMU001	Wisc South	67	0	0	0	0	0.00
TRX023	Wisc Central	65	0	0	0	0	0.00
UPS001	Wisc North	63	45	0	0	0	0.00
USR534	Wisc Central	65	9	0	0	0	0.00
WAF001	Wisc North	63	3	0	0	0	0.00
WBI021	Wisc North	62	3	0	0	0	0.00
WBY171	Wisc South	67	0	0	0	0	0.00
WTH001	Wisc North	61	0	1	3	4311	0.00

CAIDI

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	CAIDI
	Grand Total:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RBL021	Wisc North	62	137	8	50	100613	2012.26
WHH022	Wisc South	67	563	23	168	292577	1741.53
WTH001	Wisc North	61	0	1	3	4311	1437.00
RBL022	Wisc North	62	175	4	35	40496	1157.03
WHH023	Wisc South	67	752	15	810	874907	1080.13
RBL023	Wisc North	62	659	21	632	638576	1010.41
WTL062	Wisc North	61	1113	63	4220	3611585	855.83
OPY081	Wisc North	61	611	41	1122	896109	798.67
RID081	Wisc North	61	536	47	2467	1821867	738.49
DUR022	Wisc Central	66	1019	50	3852	2444503	634.61
MDR021	Wisc Central	66	149	29	348	219059	629.48
EGP022	Wisc Central	65	482	24	124	71156	573.84
CLL081	Wisc North	60	496	25	403	231041	573.30
PEP021	Wisc Central	66	898	48	1496	833616	557.23
BEA414	Wisc North	60	837	74	2378	1304377	548.52
TRL081	Wisc North	61	828	74	4329	2297803	530.79
BEA415	Wisc North	60	381	11	738	387922	525.64
JIM021	Wisc Central	65	355	21	464	235874	508.35
CMR021	Wisc North	61	1082	63	3002	1520790	506.59
WTL061	Wisc North	61	1292	60	6587	3272312	496.78
SLD021	Wisc North	61	281	11	607	300839	495.62
WSM081	Wisc South	67	1239	46	1794	869176	484.49
PSI021	Wisc North	63	1256	110	6438	3012691	467.95
CUM082	Wisc North	60	101	4	165	76720	464.97
GST021	Wisc North	60	403	18	378	175285	463.72
WBN022	Wisc North	62	444	17	246	112817	458.61
WDM081	Wisc North	61	743	56	4748	2153967	453.66
BIR021	Wisc North	61	925	70	1838	798880	434.65
ALC022	Wisc South	67	222	12	301	130290	432.86
STA082	Wisc Central	64	719	19	1079	460390	426.68
TRL082	Wisc North	61	352	13	216	91570	423.94
RCL031	Wisc North	61	1362	85	1294	543665	420.14
HAF001	Wisc South	67	108	5	178	72922	409.67
POK062	Wisc North	61	876	27	2064	818348	396.49
WSM092	Wisc South	67	1092	15	295	116326	394.33
POK061	Wisc North	61	789	18	1853	710710	383.55
CON021	Wisc North	61	314	27	1199	442345	368.93
LKC081	Wisc North	60	1246	70	6109	2225675	364.33
AMY001	Wisc North	60	560	13	566	205843	363.68
NAP021	Wisc Central	65	516	15	1073	389741	363.23
RID082	Wisc North	61	734	44	4228	1468372	347.30
SPA032	Wisc South	67	1783	59	1199	416265	347.18
LON071	Wisc Central	65	653	3	92	31380	341.09
SUP021	Wisc North	63	149	20	1184	397931	336.09
TRE021	Wisc South	67	18	1	1	336	336.00
ELM021	Wisc Central	66	220	22	436	145842	334.50
EGA022	Wisc Central	66	348	22	1291	423094	327.73

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	CAIDI
	Grand Total		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BIR022	Wisc North	61	572	25	1419	463906	326.92
SND021	Wisc North	61	2517	127	12216	3899174	319.19
GVA021	Wisc South	67	313	25	701	222744	317.75
RCD022	Wisc Central	66	104	4	10	3158	315.80
ELM022	Wisc Central	66	589	7	710	216429	304.83
DUR021	Wisc Central	66	480	13	1301	395761	304.20
MEN032	Wisc Central	66	1774	40	1910	572128	299.54
RIC081	Wisc North	60	2030	89	6800	2033186	299.00
BLA023	Wisc South	67	555	10	758	217053	286.35
LAX063	Wisc South	68	1480	6	1588	442978	278.95
ETK021	Wisc South	67	337	11	1010	280567	277.79
ELS034	Wisc Central	65	282	3	3	804	268.00
STM021	Wisc Central	65	522	13	443	117723	265.74
MRC022	Wisc North	63	1510	98	10376	2756137	265.63
CPM035	Wisc South	67	99	2	96	24882	259.19
HUR022	Wisc North	63	862	22	305	78885	258.64
RTL021	Wisc North	63	1035	91	9498	2447331	257.67
CUM081	Wisc North	60	222	12	294	75339	256.26
CPM033	Wisc South	67	393	4	458	116168	253.64
CPM025	Wisc South	67	225	5	256	64889	253.47
CPM032	Wisc South	67	618	6	702	177446	252.77
HWK021	Wisc North	61	226	6	247	62316	252.29
CPM034	Wisc South	67	49	2	59	14713	249.37
MER021	Wisc South	67	762	16	634	156497	246.84
TWT081	Wisc North	60	1116	63	3209	788452	245.70
SPA022	Wisc South	67	1432	33	534	131046	245.40
BAY021	Wisc North	60	800	26	866	209581	242.01
BLA022	Wisc South	67	15	1	17	4080	240.00
CPM026	Wisc South	67	403	5	619	147773	238.73
GEN198	Wisc South	68	271	7	273	64922	237.81
WSM091	Wisc South	67	1976	50	2809	650214	231.48
NAP022	Wisc Central	65	1417	23	1660	383634	231.10
CPM024	Wisc South	67	396	3	587	135248	230.41
RTL022	Wisc North	63	918	76	7209	1656459	229.78
TUR022	Wisc North	60	344	25	797	182409	228.87
HYD031	Wisc Central	65	55	5	204	46678	228.81
HYD032	Wisc Central	65	2546	90	11294	2568755	227.44
GST023	Wisc North	60	569	19	157	35689	227.32
CAT021	Wisc South	67	483	30	1208	273024	226.01
CSH021	Wisc South	67	122	11	475	107205	225.69
CTS021	Wisc Central	64	722	17	653	146168	223.84
GMT021	Wisc North	60	198	4	23	5148	223.83
ELL022	Wisc North	60	310	3	318	70218	220.81
WBN021	Wisc North	62	837	10	136	29981	220.45
ELL021	Wisc North	60	1032	17	1226	264911	216.08
BLD021	Wisc North	63	629	26	1572	334274	212.64
EGA021	Wisc Central	66	117	6	256	54298	212.10

CAIDI

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	CAIDI
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PRE022	Wisc North	60	629	19	181	38284	211.51
LAX067	Wisc South	68	790	5	219	45144	206.14
FAY001	Wisc North	62	258	8	510	104882	205.65
LUK021	Wisc North	60	1022	33	1804	368739	204.40
EWA001	Wisc North	61	3	3	7	1422	203.14
CPM023	Wisc South	67	6	3	13	2636	202.77
WHR023	Wisc North	62	243	27	836	168332	201.35
GEN197	Wisc South	68	762	14	59	11823	200.39
BFT061	Wisc North	62	576	17	350	69930	199.80
MRC021	Wisc North	63	98	11	545	108567	199.21
AUG022	Wisc Central	65	694	8	786	156522	199.14
SWC061	Wisc South	68	355	3	5	995	199.00
BYF021	Wisc North	62	2185	117	10037	1985974	197.87
SXF021	Wisc North	63	204	13	825	162015	196.38
PTW001	Wisc North	62	310	13	94	18267	194.33
COU077	Wisc South	68	1776	27	460	88236	191.82
COU069	Wisc South	68	471	10	91	17379	190.98
FLC097	Wisc Central	65	609	4	15	2858	190.53
LON062	Wisc Central	65	467	5	129	24560	190.39
MEN021	Wisc Central	66	878	27	651	121820	187.13
WDB001	Wisc North	63	7	3	3	554	184.67
BNT021	Wisc North	62	471	21	217	39300	181.11
PHL032	Wisc North	62	3	1	3	543	181.00
CHF033	Wisc Central	65	559	4	28	5030	179.64
MAD062	Wisc Central	65	929	22	402	71731	178.44
CNR001	Wisc North	63	3	2	6	1065	177.50
HGN021	Wisc North	63	6	2	12	2130	177.50
JKS021	Wisc North	63	4	2	8	1420	177.50
TLA001	Wisc North	63	1	2	2	355	177.50
USR533	Wisc Central	65	6	1	1	177	177.00
MLS021	Wisc South	67	515	19	1404	245243	174.67
CSH022	Wisc South	67	442	22	2082	362188	173.96
TUR021	Wisc North	60	290	10	643	111562	173.50
WND081	Wisc Central	66	271	17	667	115002	172.42
EGP021	Wisc Central	65	1167	56	1142	196667	172.21
BLA021	Wisc South	67	673	49	1626	279416	171.84
BKD021	Wisc North	62	290	26	836	143489	171.64
SPA031	Wisc South	67	1560	20	164	27972	170.56
HER001	Wisc North	62	142	11	221	37689	170.54
RKL021	Wisc South	67	725	50	988	168424	170.47
LON063	Wisc Central	65	204	2	2	339	169.50
PRE021	Wisc North	60	1280	36	1037	175747	169.48
WIB569	Wisc Central	65	1271	65	4649	782458	168.31
OGE021	Wisc North	62	171	6	26	4282	164.69
BYD001	Wisc Central	64	314	7	80	13068	163.35
WHR022	Wisc North	62	225	12	336	54882	163.34
CAB022	Wisc North	61	289	21	500	81334	162.67

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	CAIDI
	Grand Total:		225705	6370	328887	79848929	241.27
COU062	Wisc South	68	1373	19	275	44720	162.62
WLR092	Wisc North	60	3759	46	541	87767	162.23
MSE021	Wisc North	62	29	1	29	4611	159.00
ALC021	Wisc South	67	394	17	921	142729	154.97
ELS021	Wisc Central	65	424	8	88	13511	153.53
ARK082	Wisc Central	66	596	20	1331	200078	150.32
CHF031	Wisc Central	65	434	9	505	75613	149.73
TRP021	Wisc Central	64	505	41	808	120645	149.31
DRS211	Wisc North	61	109	2	2	297	148.50
CVA022	Wisc South	67	371	23	1394	206618	148.22
COU071	Wisc South	68	1302	14	197	29041	147.42
RVW021	Wisc Central	65	81	1	17	2499	147.00
RIC082	Wisc North	60	22	1	9	1305	145.00
YLR082	Wisc North	61	1080	30	4206	608988	144.79
STM022	Wisc Central	65	994	19	381	55099	144.62
WLR082	Wisc North	60	2232	34	2545	366220	143.90
TCN091	Wisc Central	64	947	27	849	122101	143.82
LUP001	Wisc North	63	3	2	6	861	143.50
ARK081	Wisc Central	66	85	4	172	24532	142.63
LAX075	Wisc South	68	1600	18	445	63368	142.40
MAD071	Wisc Central	65	729	13	198	28135	142.10
CAD061	Wisc Central	65	51	6	54	7622	141.15
CPM022	Wisc South	67	5	2	16	2221	138.81
SST062	Wisc North	62	586	8	54	7397	136.98
LON061	Wisc Central	65	1299	8	87	11898	136.76
GAL021	Wisc South	67	1254	42	2316	314853	135.95
ONA062	Wisc South	68	937	7	177	23897	135.01
LOY022	Wisc Central	64	749	23	951	127381	133.94
MNT001	Wisc North	63	822	22	463	61901	133.70
SPE021	Wisc Central	64	1014	24	413	54985	133.14
LON072	Wisc Central	65	702	8	97	12671	130.63
RSK021	Wisc Central	66	669	32	657	85011	129.39
NFO021	Wisc North	62	1057	29	682	87535	128.35
GLA021	Wisc North	63	75	3	14	1780	127.14
IRW003	Wisc North	63	531	11	165	20971	127.10
NLV032	Wisc Central	64	538	18	1220	153881	126.13
HAL073	Wisc Central	65	409	7	274	34494	125.89
FEN062	Wisc South	68	486	8	271	34098	125.82
MCO021	Wisc North	63	397	32	1709	214741	125.65
SPR021	Wisc Central	66	748	28	1519	189959	125.06
HWD021	Wisc North	61	539	17	166	20662	124.47
FIN022	Wisc North	61	1927	104	2867	353905	123.44
NLV021	Wisc Central	64	987	7	1945	239054	122.91
NEL021	Wisc Central	66	245	8	274	33354	121.73
IHD021	Wisc North	63	322	25	1031	125006	121.25
SCF024	Wisc North	60	223	14	584	70400	120.55
ELS031	Wisc Central	65	743	8	115	13846	120.40

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	CAIDI
	Grand Total:		225705	6370	328867	79283929	241.07
PRN021	Wisc North	62	775	29	455	54388	119.53
OLU021	Wisc North	62	94	4	88	10387	118.03
COU061	Wisc South	68	1561	10	292	34378	117.73
AUG021	Wisc Central	65	318	10	354	41643	117.64
GLM021	Wisc Central	64	475	27	1291	151465	117.32
MEN023	Wisc Central	66	343	3	39	4530	116.15
TAD021	Wisc North	61	334	12	872	100791	115.59
LYN021	Wisc Central	64	255	6	34	3897	114.62
ELS027	Wisc Central	65	2104	27	2714	308129	113.53
SOE001	Wisc North	62	507	3	34	3854	113.35
RCD023	Wisc Central	66	888	26	254	28675	112.89
HLA062	Wisc South	68	1426	35	430	48407	112.57
MAF071	Wisc South	68	1064	15	245	27568	112.52
TCN092	Wisc Central	64	2127	20	416	45940	110.43
WHR021	Wisc North	62	152	13	689	76054	110.38
NLV031	Wisc Central	64	584	23	643	70453	109.57
HWD022	Wisc North	61	668	19	911	99541	109.27
OSC022	Wisc North	60	701	53	2870	307115	107.01
ELS033	Wisc Central	65	1490	12	226	23896	105.73
CAB021	Wisc North	61	420	25	685	71874	104.93
CVA021	Wisc South	67	660	29	1803	189076	104.87
HAL062	Wisc Central	65	1615	25	3720	389452	104.69
COU068	Wisc South	68	1876	31	602	62445	103.73
WLR081	Wisc North	60	654	17	575	59538	103.54
ELS024	Wisc Central	65	97	1	97	9991	103.00
CHF021	Wisc Central	65	640	4	16	1647	102.94
BES022	Wisc North	63	1082	12	1324	134762	101.78
CHF022	Wisc Central	65	1670	25	1063	107717	101.33
ELS022	Wisc Central	65	465	8	9	910	101.11
VIR003	Wisc South	67	894	14	1600	160337	100.21
LOY021	Wisc Central	64	960	23	306	30564	99.88
SST061	Wisc North	62	541	22	74	7338	99.16
VIR061	Wisc South	67	1316	42	3216	318630	99.08
IRB001	Wisc North	63	149	1	1	99	99.00
STA081	Wisc Central	64	282	5	74	7304	98.70
TRX032	Wisc Central	65	1804	24	475	46854	98.64
TST001	Wisc North	62	300	3	11	1085	98.64
MEY021	Wisc North	63	3	1	3	294	98.00
OWN021	Wisc Central	64	1236	22	525	51421	97.94
COC021	Wisc Central	66	399	17	156	15265	97.85
HUR021	Wisc North	63	374	4	51	4948	97.02
NRA001	Wisc North	63	469	5	492	47196	95.93
MAF061	Wisc South	68	272	2	5	479	95.80
ALM560	Wisc Central	66	15	1	15	1380	92.00
TRX021	Wisc Central	65	979	44	1069	97614	91.31
PHL031	Wisc North	62	1000	17	250	22706	90.82
BES021	Wisc North	63	1063	33	2711	244447	90.17

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	CAIDI
	Grand Total:		225705	6070	328[illegible]	7[illegible]	24[illegible]
TWN021	Wisc North	63	693	25	2887	256393	88.81
IRW005	Wisc North	63	315	8	22	1953	88.77
MCO001	Wisc North	63	203	4	4	354	88.50
LPA001	Wisc North	62	3	1	1	88	88.00
FEN061	Wisc South	68	1183	22	299	26295	87.94
COU079	Wisc South	68	547	10	188	16533	87.94
EGP211	Wisc Central	65	1157	34	3115	270898	86.97
TWN022	Wisc North	63	676	42	2938	254641	86.67
STA083	Wisc Central	64	562	15	673	57938	86.09
NFO031	Wisc North	62	1317	15	1178	101284	85.98
EGP212	Wisc Central	65	284	4	11	945	85.91
TRP022	Wisc Central	64	911	10	1030	88254	85.68
AYR021	Wisc North	63	813	9	53	4522	85.32
RSH081	Wisc North	60	2135	34	9516	802928	84.38
MLN001	Wisc North	62	596	9	46	3853	83.76
RSH091	Wisc North	60	946	26	1479	121818	82.37
PHL021	Wisc North	62	743	7	15	1235	82.33
RSH092	Wisc North	60	305	4	425	34841	81.98
TRX033	Wisc Central	65	366	2	32	2618	81.81
COU078	Wisc South	68	1207	15	239	19294	80.73
MAF072	Wisc South	68	653	21	328	26044	79.40
GRV021	Wisc North	62	105	8	15	1183	78.87
KIN081	Wisc North	60	448	24	1015	78503	77.34
CTA021	Wisc North	62	314	9	26	2001	76.96
CLL082	Wisc North	60	405	5	20	1533	76.65
MNR021	Wisc North	62	95	4	72	5494	76.31
GDN021	Wisc North	62	421	4	12	914	76.17
AYR022	Wisc North	63	882	25	220	16565	75.30
WLR091	Wisc North	60	2487	23	143	10739	75.10
VIR002	Wisc South	67	496	2	501	37350	74.55
JEF211	Wisc Central	65	97	6	14	1033	73.79
OTC032	Wisc Central	65	1454	17	175	12873	73.56
ONA061	Wisc South	68	2244	35	1071	77901	72.74
FEN072	Wisc South	68	848	10	151	10896	72.16
LAX062	Wisc South	68	1840	21	513	36999	72.12
CEF081	Wisc Central	66	815	33	1888	135795	71.93
ALM559	Wisc Central	66	505	11	1444	103859	71.92
BAV001	Wisc North	62	732	7	7	494	70.57
MNR022	Wisc North	62	110	6	79	5562	70.41
TCN081	Wisc Central	64	2062	36	166	11423	68.81
HAY082	Wisc Central	66	1702	40	2418	165069	68.27
OPK010	Wisc North	60	347	5	8	544	68.00
RCL021	Wisc North	61	51	2	43	2910	67.67
CHF023	Wisc Central	65	877	7	123	8273	67.26
OTC022	Wisc Central	65	1579	12	123	8270	67.24
SWC072	Wisc South	68	1180	12	302	20244	67.03
CRN001	Wisc North	62	118	3	119	7956	66.86

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	CAIDI
	Grand Total:		226,705	6370	[illegible]	[illegible]	[illegible]
SWC071	Wisc South	68	254	3	269	17647	65.60
NSI001	Wisc North	63	631	7	1915	121014	63.19
ELK001	Wisc Central	65	416	10	134	8465	63.17
CHF024	Wisc Central	65	1365	26	476	28756	60.41
OTC031	Wisc Central	65	1709	27	719	43020	59.83
LYN022	Wisc Central	64	415	9	440	25226	57.33
HAL072	Wisc Central	65	1144	23	1377	78337	56.89
MAD061	Wisc Central	65	315	2	18	1022	56.78
FIN021	Wisc North	61	661	5	21	1158	55.14
TRX031	Wisc Central	65	77	8	21	1134	54.00
FEN073	Wisc South	68	954	26	3163	170020	53.75
HLA071	Wisc South	68	1211	20	216	11426	52.90
SCF025	Wisc North	60	967	15	1144	59732	52.21
MAD072	Wisc Central	65	2114	15	261	13605	52.13
DRM021	Wisc North	61	192	4	48	2346	48.88
OSC021	Wisc North	60	1256	26	1437	69151	48.12
SVN001	Wisc North	62	293	5	28	1265	45.18
SHW021	Wisc Central	65	262	10	64	2878	44.97
TRX022	Wisc Central	65	746	15	282	12062	42.77
MAF063	Wisc South	68	1544	16	323	13809	42.75
IRW002	Wisc North	63	562	5	573	24480	42.72
OTC021	Wisc Central	65	513	8	677	28675	42.36
OSC031	Wisc North	60	17	1	17	714	42.00
VAV001	Wisc North	62	282	1	1	41	41.00
HAL063	Wisc Central	65	1479	15	1793	73095	40.77
BFT062	Wisc North	62	631	13	228	9229	40.48
ELS032	Wisc Central	65	1176	12	1516	60060	39.62
PRS563	Wisc Central	65	3	1	3	108	36.00
PRS565	Wisc Central	65	3	1	3	108	36.00
LAX077	Wisc South	68	739	29	2541	90266	35.52
LAX076	Wisc South	68	1158	24	3043	103888	34.14
MEN022	Wisc Central	66	1542	42	1911	64031	33.51
HAY081	Wisc Central	66	647	10	682	22350	32.77
LAX065	Wisc South	68	948	10	1990	35835	18.01
SPA021	Wisc South	67	461	2	54	945	17.50
RCD024	Wisc Central	66	121	5	166	2556	15.40
YLR081	Wisc North	61	3	1	1	12	12.00
OTC023	Wisc Central	65	1370	4	1395	13839	9.92
LAX074	Wisc South	68	637	4	1267	9020	7.12
ALN001	Wisc North	63	7	0	0	0	0.00
AMC001	Wisc North	62	3	0	0	0	0.00
AMC002	Wisc North	62	3	0	0	0	0.00
BGR020	Wisc South	67	0	0	0	0	0.00
BLR020	Wisc Central	65	0	1	0	0	0.00
BMU021	Wisc North	61	0	0	0	0	0.00
BRA001	Wisc North	63	1	0	0	0	0.00
CAD001	Wisc Central	65	0	0	0	0	0.00

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	CAIDI
	Grand Total:		225205	6970	[illegible]	[illegible]	241.27
CFO001	Wisc North	61	3	0	0	0	0.00
CHF032	Wisc Central	65	0	0	0	0	0.00
CHF034	Wisc Central	65	0	0	0	0	0.00
COR197	Wisc Central	65	0	0	0	0	0.00
COR198	Wisc Central	65	3	0	0	0	0.00
CPM021	Wisc South	67	0	1	0	0	0.00
DRS212	Wisc North	61	0	0	0	0	0.00
EGA023	Wisc Central	66	0	1	0	0	0.00
ELS023	Wisc Central	65	15	0	0	0	0.00
FEN063	Wisc South	68	597	0	0	0	0.00
FEN071	Wisc South	68	0	0	0	0	0.00
FLB010	Wisc North	62	3	0	0	0	0.00
GAS62I	Wisc North	62	0	0	0	0	0.00
GAS62S	Wisc North	62	4	0	0	0	0.00
GAS63E	Wisc North	63	136	0	0	0	0.00
GAS63W	Wisc North	63	404	0	0	0	0.00
GAS651	Wisc Central	65	2	0	0	0	0.00
GAS681	Wisc South	68	23	0	0	0	0.00
GAS68A	Wisc South	68	2	0	0	0	0.00
GAS68B	Wisc South	68	0	0	0	0	0.00
GAS68C	Wisc South	68	0	0	0	0	0.00
GOG001	Wisc North	63	3	0	0	0	0.00
HLA063	Wisc South	68	0	0	0	0	0.00
HWY021	Wisc North	62	3	0	0	0	0.00
HYD211	Wisc Central	65	39	0	0	0	0.00
HYD212	Wisc Central	65	63	0	0	0	0.00
INO001	Wisc North	62	3	0	0	0	0.00
IRP001	Wisc North	63	3	0	0	0	0.00
IRP002	Wisc North	63	0	0	0	0	0.00
IRW001	Wisc North	63	350	0	0	0	0.00
IRW004	Wisc North	63	0	0	0	0	0.00
JEF221	Wisc Central	65	9	0	0	0	0.00
LDP001	Wisc North	61	0	0	0	0	0.00
LKH010	Wisc Central	64	3	0	0	0	0.00
LKH020	Wisc Central	64	3	0	0	0	0.00
MAF062	Wisc South	68	51	0	0	0	0.00
MAF073	Wisc South	68	365	0	0	0	0.00
MEN031	Wisc Central	66	25	0	0	0	0.00
MFN021	Wisc Central	64	0	0	0	0	0.00
MFS021	Wisc Central	64	0	0	0	0	0.00
MFW021	Wisc Central	64	0	0	0	0	0.00
MID001	Wisc North	63	3	0	0	0	0.00
MLS022	Wisc South	67	0	1	0	0	0.00
OJB021	Wisc North	63	5	0	0	0	0.00
OPK011	Wisc North	60	9	0	0	0	0.00
PMP001	Wisc North	61	6	0	0	0	0.00
RCD031	Wisc Central	66	3	0	0	0	0.00

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Xcel Energy - Wisconsin YE Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	CAIDI
	Grand Total:		225705	6370	[illegible]	[illegible]	[illegible]
RCD032	Wisc Central	66	6	0	0	0	0.00
RCD033	Wisc Central	66	3	0	0	0	0.00
RCL029	Wisc North	61	0	0	0	0	0.00
RCL039	Wisc North	61	0	0	0	0	0.00
SAX001	Wisc North	63	3	0	0	0	0.00
SLA001	Wisc North	61	0	1	0	0	0.00
SPA033	Wisc South	67	0	0	0	0	0.00
SPN001	Wisc North	61	0	0	0	0	0.00
SQN001	Wisc North	62	3	0	0	0	0.00
STE471	Wisc Central	65	3	0	0	0	0.00
STE472	Wisc Central	65	3	0	0	0	0.00
SUM211	Wisc Central	65	0	0	0	0	0.00
SUM212	Wisc Central	65	0	0	0	0	0.00
SWC062	Wisc South	68	12	0	0	0	0.00
THA001	Wisc North	61	0	0	0	0	0.00
TMU001	Wisc South	67	0	0	0	0	0.00
TRX023	Wisc Central	65	0	0	0	0	0.00
UPS001	Wisc North	63	45	0	0	0	0.00
USR534	Wisc Central	65	9	0	0	0	0.00
WAF001	Wisc North	63	3	0	0	0	0.00
WBI021	Wisc North	62	3	0	0	0	0.00
WBY171	Wisc South	67	0	0	0	0	0.00

Xcel Energy - Wisconsin Year-End Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI	SAIFI	CAIDI
	Grand Total:		225705	6870	329837	79946929	354.56	1.46	242.27
ALC021	Wisc South	67	394	17	921	142729	362.26	2.34	154.97
ALC022	Wisc South	67	222	12	301	130290	586.89	1.36	432.86
ALM559	Wisc Central	66	505	11	1444	103859	205.66	2.86	71.92
ALM560	Wisc Central	66	15	1	15	1380	92.00	1.00	92.00
ALN001	Wisc North	63	7	0	0	0	0.00	0.00	0.00
AMC001	Wisc North	62	3	0	0	0	0.00	0.00	0.00
AMC002	Wisc North	62	3	0	0	0	0.00	0.00	0.00
AMY001	Wisc North	60	560	13	566	205843	367.58	1.01	363.68
ARK081	Wisc Central	66	85	4	172	24532	288.61	2.02	142.63
ARK082	Wisc Central	66	596	20	1331	200078	335.70	2.23	150.32
AUG021	Wisc Central	65	318	10	354	41643	130.95	1.11	117.64
AUG022	Wisc Central	65	694	8	786	156522	225.54	1.13	199.14
AYR021	Wisc North	63	813	9	53	4522	5.56	0.07	85.32
AYR022	Wisc North	63	882	25	220	16565	18.78	0.25	75.30
BAV001	Wisc North	62	732	7	7	494	0.67	0.01	70.57
BAY021	Wisc North	60	800	26	866	209581	261.98	1.08	242.01
BEA414	Wisc North	60	837	74	2378	1304377	1558.40	2.84	548.52
BEA415	Wisc North	60	381	11	738	387922	1018.17	1.94	525.64
BES021	Wisc North	63	1063	33	2711	244447	229.96	2.55	90.17
BES022	Wisc North	63	1082	12	1324	134762	124.55	1.22	101.78
BFT061	Wisc North	62	576	17	350	69930	121.41	0.61	199.80
BFT062	Wisc North	62	631	13	228	9229	14.63	0.36	40.48
BGR020	Wisc South	67	0	0	0	0	0.00	0.00	0.00
BIR021	Wisc North	61	925	70	1838	798880	863.65	1.99	434.65
BIR022	Wisc North	61	572	25	1419	463906	811.02	2.48	326.92
BKD021	Wisc North	62	290	26	836	143489	494.79	2.88	171.64
BLA021	Wisc South	67	673	49	1626	279416	415.18	2.42	171.84
BLA022	Wisc South	67	15	1	17	4080	272.00	1.13	240.00
BLA023	Wisc South	67	555	10	758	217053	391.09	1.37	286.35
BLD021	Wisc North	63	629	26	1572	334274	531.44	2.50	212.64
BLR020	Wisc Central	65	0	1	0	0	0.00	0.00	0.00
BMU021	Wisc North	61	0	0	0	0	0.00	0.00	0.00
BNT021	Wisc North	62	471	21	217	39300	83.44	0.46	181.11
BRA001	Wisc North	63	1	0	0	0	0.00	0.00	0.00
BYD001	Wisc Central	64	314	7	80	13068	41.62	0.25	163.35
BYF021	Wisc North	62	2185	117	10037	1985974	908.91	4.59	197.87
CAB021	Wisc North	61	420	25	685	71874	171.13	1.63	104.93
CAB022	Wisc North	61	289	21	500	81334	281.43	1.73	162.67
CAD001	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
CAD061	Wisc Central	65	51	6	54	7622	149.45	1.06	141.15
CAT021	Wisc South	67	483	30	1208	273024	565.27	2.50	226.01
CEF081	Wisc Central	66	815	33	1888	135795	166.62	2.32	71.93
CFO001	Wisc North	61	3	0	0	0	0.00	0.00	0.00
CHF021	Wisc Central	65	640	4	16	1647	2.57	0.03	102.94
CHF022	Wisc Central	65	1670	25	1063	107717	64.50	0.64	101.33
CHF023	Wisc Central	65	877	7	123	8273	9.43	0.14	67.26
CHF024	Wisc Central	65	1365	26	476	28756	21.07	0.35	60.41

Xcel Energy - Wisconsin Year-End Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI	SAIFI	CAIDI
	Grand Total:		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CHF031	Wisc Central	65	434	9	505	75613	174.22	1.16	149.73
CHF032	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
CHF033	Wisc Central	65	559	4	28	5030	9.00	0.05	179.64
CHF034	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
CLL081	Wisc North	60	496	25	403	231041	465.81	0.81	573.30
CLL082	Wisc North	60	405	5	20	1533	3.79	0.05	76.65
CMR021	Wisc North	61	1082	63	3002	1520790	1405.54	2.77	506.59
CNR001	Wisc North	63	3	2	6	1065	355.00	2.00	177.50
COC021	Wisc Central	66	399	17	156	15265	38.26	0.39	97.85
CON021	Wisc North	61	314	27	1199	442345	1408.74	3.82	368.93
COR197	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
COR198	Wisc Central	65	3	0	0	0	0.00	0.00	0.00
COU061	Wisc South	68	1561	10	292	34378	22.02	0.19	117.73
COU062	Wisc South	68	1373	19	275	44720	32.57	0.20	162.62
COU068	Wisc South	68	1876	31	602	62445	33.29	0.32	103.73
COU069	Wisc South	68	471	10	91	17379	36.90	0.19	190.98
COU071	Wisc South	68	1302	14	197	29041	22.30	0.15	147.42
COU077	Wisc South	68	1776	27	460	88236	49.68	0.26	191.82
COU078	Wisc South	68	1207	15	239	19294	15.99	0.20	80.73
COU079	Wisc South	68	547	10	188	16533	30.22	0.34	87.94
CPM021	Wisc South	67	0	1	0	0	0.00	0.00	0.00
CPM022	Wisc South	67	5	2	16	2221	444.20	3.20	138.81
CPM023	Wisc South	67	6	3	13	2636	439.33	2.17	202.77
CPM024	Wisc South	67	396	3	587	135248	341.54	1.48	230.41
CPM025	Wisc South	67	225	5	256	64889	288.40	1.14	253.47
CPM026	Wisc South	67	403	5	619	147773	366.68	1.54	238.73
CPM032	Wisc South	67	618	6	702	177446	287.13	1.14	252.77
CPM033	Wisc South	67	393	4	458	116168	295.59	1.17	253.64
CPM034	Wisc South	67	49	2	59	14713	300.27	1.20	249.37
CPM035	Wisc South	67	99	2	96	24882	251.33	0.97	259.19
CRN001	Wisc North	62	118	3	119	7956	67.42	1.01	66.86
CSH021	Wisc South	67	122	11	475	107205	878.73	3.89	225.69
CSH022	Wisc South	67	442	22	2082	362188	819.43	4.71	173.96
CTA021	Wisc North	62	314	9	26	2001	6.37	0.08	76.96
CTS021	Wisc Central	64	722	17	653	146168	202.45	0.90	223.84
CUM081	Wisc North	60	222	12	294	75339	339.36	1.32	256.26
CUM082	Wisc North	60	101	4	165	76720	759.60	1.63	464.97
CVA021	Wisc South	67	660	29	1803	189076	286.48	2.73	104.87
CVA022	Wisc South	67	371	23	1394	206618	556.92	3.76	148.22
DRM021	Wisc North	61	192	4	48	2346	12.22	0.25	48.88
DRS211	Wisc North	61	109	2	2	297	2.72	0.02	148.50
DRS212	Wisc North	61	0	0	0	0	0.00	0.00	0.00
DUR021	Wisc Central	66	480	13	1301	395761	824.50	2.71	304.20
DUR022	Wisc Central	66	1019	50	3852	2444503	2398.92	3.78	634.61
EGA021	Wisc Central	66	117	6	256	54298	464.09	2.19	212.10
EGA022	Wisc Central	66	348	22	1291	423094	1215.79	3.71	327.73
EGA023	Wisc Central	66	0	1	0	0	0.00	0.00	0.00

Xcel Energy - Wisconsin Year-End Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI	SAIFI	CAIDI
	Grand Total:		225795	8010	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EGP021	Wisc Central	65	1167	56	1142	196667	168.52	0.98	172.21
EGP022	Wisc Central	65	482	24	124	71156	147.63	0.26	573.84
EGP211	Wisc Central	65	1157	34	3115	270898	234.14	2.69	86.97
EGP212	Wisc Central	65	284	4	11	945	3.33	0.04	85.91
ELK001	Wisc Central	65	416	10	134	8465	20.35	0.32	63.17
ELL021	Wisc North	60	1032	17	1226	264911	256.70	1.19	216.08
ELL022	Wisc North	60	310	3	318	70218	226.51	1.03	220.81
ELM021	Wisc Central	66	220	22	436	145842	662.92	1.98	334.50
ELM022	Wisc Central	66	589	7	710	216429	367.45	1.21	304.83
ELS021	Wisc Central	65	424	8	88	13511	31.87	0.21	153.53
ELS022	Wisc Central	65	465	8	9	910	1.96	0.02	101.11
ELS023	Wisc Central	65	15	0	0	0	0.00	0.00	0.00
ELS024	Wisc Central	65	97	1	97	9991	103.00	1.00	103.00
ELS027	Wisc Central	65	2104	27	2714	308129	146.45	1.29	113.53
ELS031	Wisc Central	65	743	8	115	13846	18.64	0.15	120.40
ELS032	Wisc Central	65	1176	12	1516	60060	51.07	1.29	39.62
ELS033	Wisc Central	65	1490	12	226	23896	16.04	0.15	105.73
ELS034	Wisc Central	65	282	3	3	804	2.85	0.01	268.00
ETK021	Wisc South	67	337	11	1010	280567	832.54	3.00	277.79
EWA001	Wisc North	61	3	3	7	1422	474.00	2.33	203.14
FAY001	Wisc North	62	258	8	510	104882	406.52	1.98	205.65
FEN061	Wisc South	68	1183	22	299	26295	22.23	0.25	87.94
FEN062	Wisc South	68	486	8	271	34098	70.16	0.56	125.82
FEN063	Wisc South	68	597	0	0	0	0.00	0.00	0.00
FEN071	Wisc South	68	0	0	0	0	0.00	0.00	0.00
FEN072	Wisc South	68	848	10	151	10896	12.85	0.18	72.16
FEN073	Wisc South	68	954	26	3163	170020	178.22	3.32	53.75
FIN021	Wisc North	61	661	5	21	1158	1.75	0.03	55.14
FIN022	Wisc North	61	1927	104	2867	353905	183.66	1.49	123.44
FLB010	Wisc North	62	3	0	0	0	0.00	0.00	0.00
FLC097	Wisc Central	65	609	4	15	2858	4.69	0.02	190.53
GAL021	Wisc South	67	1254	42	2316	314853	251.08	1.85	135.95
GAS62I	Wisc North	62	0	0	0	0	0.00	0.00	0.00
GAS62S	Wisc North	62	4	0	0	0	0.00	0.00	0.00
GAS63E	Wisc North	63	136	0	0	0	0.00	0.00	0.00
GAS63W	Wisc North	63	404	0	0	0	0.00	0.00	0.00
GAS651	Wisc Central	65	2	0	0	0	0.00	0.00	0.00
GAS681	Wisc South	68	23	0	0	0	0.00	0.00	0.00
GAS68A	Wisc South	68	2	0	0	0	0.00	0.00	0.00
GAS68B	Wisc South	68	0	0	0	0	0.00	0.00	0.00
GAS68C	Wisc South	68	0	0	0	0	0.00	0.00	0.00
GDN021	Wisc North	62	421	4	12	914	2.17	0.03	76.17
GEN197	Wisc South	68	762	14	59	11823	15.52	0.08	200.39
GEN198	Wisc South	68	271	7	273	64922	239.56	1.01	237.81
GLA021	Wisc North	63	75	3	14	1780	23.73	0.19	127.14
GLM021	Wisc Central	64	475	27	1291	151465	318.87	2.72	117.32
GMT021	Wisc North	60	198	4	23	5148	26.00	0.12	223.83

Xcel Energy - Wisconsin Year-End Feeder Reliability
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Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI	SAIFI	CAIDI
	Grand Total:		225705	6370	326887	[illegible]	[illegible]	[illegible]	[illegible]
GOG001	Wisc North	63	3	0	0	0	0.00	0.00	0.00
GRV021	Wisc North	62	105	8	15	1183	11.27	0.14	78.87
GST021	Wisc North	60	403	18	378	175285	434.95	0.94	463.72
GST023	Wisc North	60	569	19	157	35689	62.72	0.28	227.32
GVA021	Wisc South	67	313	25	701	222744	711.64	2.24	317.75
HAF001	Wisc South	67	108	5	178	72922	675.20	1.65	409.67
HAL062	Wisc Central	65	1615	25	3720	389452	241.15	2.30	104.69
HAL063	Wisc Central	65	1479	15	1793	73095	49.42	1.21	40.77
HAL072	Wisc Central	65	1144	23	1377	78337	68.48	1.20	56.89
HAL073	Wisc Central	65	409	7	274	34494	84.34	0.67	125.89
HAY081	Wisc Central	66	647	10	682	22350	34.54	1.05	32.77
HAY082	Wisc Central	66	1702	40	2418	165069	96.99	1.42	68.27
HER001	Wisc North	62	142	11	221	37689	265.42	1.56	170.54
HGN021	Wisc North	63	6	2	12	2130	355.00	2.00	177.50
HLA062	Wisc South	68	1426	35	430	48407	33.95	0.30	112.57
HLA063	Wisc South	68	0	0	0	0	0.00	0.00	0.00
HLA071	Wisc South	68	1211	20	216	11426	9.44	0.18	52.90
HUR021	Wisc North	63	374	4	51	4948	13.23	0.14	97.02
HUR022	Wisc North	63	862	22	305	78885	91.51	0.35	258.64
HWD021	Wisc North	61	539	17	166	20662	38.33	0.31	124.47
HWD022	Wisc North	61	668	19	911	99541	149.01	1.36	109.27
HWK021	Wisc North	61	226	6	247	62316	275.73	1.09	252.29
HWY021	Wisc North	62	3	0	0	0	0.00	0.00	0.00
HYD031	Wisc Central	65	55	5	204	46678	848.69	3.71	228.81
HYD032	Wisc Central	65	2546	90	11294	2568755	1008.94	4.44	227.44
HYD211	Wisc Central	65	39	0	0	0	0.00	0.00	0.00
HYD212	Wisc Central	65	63	0	0	0	0.00	0.00	0.00
IHD021	Wisc North	63	322	25	1031	125006	388.22	3.20	121.25
INO001	Wisc North	62	3	0	0	0	0.00	0.00	0.00
IRB001	Wisc North	63	149	1	1	99	0.66	0.01	99.00
IRP001	Wisc North	63	3	0	0	0	0.00	0.00	0.00
IRP002	Wisc North	63	0	0	0	0	0.00	0.00	0.00
IRW001	Wisc North	63	350	0	0	0	0.00	0.00	0.00
IRW002	Wisc North	63	562	5	573	24480	43.56	1.02	42.72
IRW003	Wisc North	63	531	11	165	20971	39.49	0.31	127.10
IRW004	Wisc North	63	0	0	0	0	0.00	0.00	0.00
IRW005	Wisc North	63	315	8	22	1953	6.20	0.07	88.77
JEF211	Wisc Central	65	97	6	14	1033	10.65	0.14	73.79
JEF221	Wisc Central	65	9	0	0	0	0.00	0.00	0.00
JIM021	Wisc Central	65	355	21	464	235874	664.43	1.31	508.35
JKS021	Wisc North	63	4	2	8	1420	355.00	2.00	177.50
KIN081	Wisc North	60	448	24	1015	78503	175.23	2.27	77.34
LAX062	Wisc South	68	1840	21	513	36999	20.11	0.28	72.12
LAX063	Wisc South	68	1480	6	1588	442978	299.31	1.07	278.95
LAX065	Wisc South	68	948	10	1990	35835	37.80	2.10	18.01
LAX067	Wisc South	68	790	5	219	45144	57.14	0.28	206.14
LAX074	Wisc South	68	637	4	1267	9020	14.16	1.99	7.12

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	Grand Total:		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LAX075	Wisc South	68	1600	18	445	63368	39.61	0.28	142.40
LAX076	Wisc South	68	1158	24	3043	103888	89.71	2.63	34.14
LAX077	Wisc South	68	739	29	2541	90266	122.15	3.44	35.52
LDP001	Wisc North	61	0	0	0	0	0.00	0.00	0.00
LKC081	Wisc North	60	1246	70	6109	2225675	1786.26	4.90	364.33
LKH010	Wisc Central	64	3	0	0	0	0.00	0.00	0.00
LKH020	Wisc Central	64	3	0	0	0	0.00	0.00	0.00
LON061	Wisc Central	65	1299	8	87	11898	9.16	0.07	136.76
LON062	Wisc Central	65	467	5	129	24560	52.59	0.28	190.39
LON063	Wisc Central	65	204	2	2	339	1.66	0.01	169.50
LON071	Wisc Central	65	653	3	92	31380	48.06	0.14	341.09
LON072	Wisc Central	65	702	8	97	12671	18.05	0.14	130.63
LOY021	Wisc Central	64	960	23	306	30564	31.84	0.32	99.88
LOY022	Wisc Central	64	749	23	951	127381	170.07	1.27	133.94
LPA001	Wisc North	62	3	1	1	88	29.33	0.33	88.00
LUK021	Wisc North	60	1022	33	1804	368739	360.80	1.77	204.40
LUP001	Wisc North	63	3	2	6	861	287.00	2.00	143.50
LYN021	Wisc Central	64	255	6	34	3897	15.28	0.13	114.62
LYN022	Wisc Central	64	415	9	440	25226	60.79	1.06	57.33
MAD061	Wisc Central	65	315	2	18	1022	3.24	0.06	56.78
MAD062	Wisc Central	65	929	22	402	71731	77.21	0.43	178.44
MAD071	Wisc Central	65	729	13	198	28135	38.59	0.27	142.10
MAD072	Wisc Central	65	2114	15	261	13605	6.44	0.12	52.13
MAF061	Wisc South	68	272	2	5	479	1.76	0.02	95.80
MAF062	Wisc South	68	51	0	0	0	0.00	0.00	0.00
MAF063	Wisc South	68	1544	16	323	13809	8.94	0.21	42.75
MAF071	Wisc South	68	1064	15	245	27568	25.91	0.23	112.52
MAF072	Wisc South	68	653	21	328	26044	39.88	0.50	79.40
MAF073	Wisc South	68	365	0	0	0	0.00	0.00	0.00
MCO001	Wisc North	63	203	4	4	354	1.74	0.02	88.50
MCO021	Wisc North	63	397	32	1709	214741	540.91	4.30	125.65
MDR021	Wisc Central	66	149	29	348	219059	1470.19	2.34	629.48
MEN021	Wisc Central	66	878	27	651	121820	138.75	0.74	187.13
MEN022	Wisc Central	66	1542	42	1911	64031	41.52	1.24	33.51
MEN023	Wisc Central	66	343	3	39	4530	13.21	0.11	116.15
MEN031	Wisc Central	66	25	0	0	0	0.00	0.00	0.00
MEN032	Wisc Central	66	1774	40	1910	572128	322.51	1.08	299.54
MER021	Wisc South	67	762	16	634	156497	205.38	0.83	246.84
MEY021	Wisc North	63	3	1	3	294	98.00	1.00	98.00
MFN021	Wisc Central	64	0	0	0	0	0.00	0.00	0.00
MFS021	Wisc Central	64	0	0	0	0	0.00	0.00	0.00
MFW021	Wisc Central	64	0	0	0	0	0.00	0.00	0.00
MID001	Wisc North	63	3	0	0	0	0.00	0.00	0.00
MLN001	Wisc North	62	596	9	46	3853	6.46	0.08	83.76
MLS021	Wisc South	67	515	19	1404	245243	476.20	2.73	174.67
MLS022	Wisc South	67	0	1	0	0	0.00	0.00	0.00
MNR021	Wisc North	62	95	4	72	5494	57.83	0.76	76.31

Xcel Energy - Wisconsin Year-End Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI	SAIFI	CAIDI
	Grand Total:		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MNR022	Wisc North	62	110	6	79	5562	50.56	0.72	70.41
MNT001	Wisc North	63	822	22	463	61901	75.31	0.56	133.70
MRC021	Wisc North	63	98	11	545	108567	1107.83	5.56	199.21
MRC022	Wisc North	63	1510	98	10376	2756137	1825.26	6.87	265.63
MSE021	Wisc North	62	29	1	29	4611	159.00	1.00	159.00
NAP021	Wisc Central	65	516	15	1073	389741	755.31	2.08	363.23
NAP022	Wisc Central	65	1417	23	1660	383634	270.74	1.17	231.10
NEL021	Wisc Central	66	245	8	274	33354	136.14	1.12	121.73
NFO021	Wisc North	62	1057	29	682	87535	82.81	0.65	128.35
NFO031	Wisc North	62	1317	15	1178	101284	76.91	0.89	85.98
NLV021	Wisc Central	64	987	7	1945	239054	242.20	1.97	122.91
NLV031	Wisc Central	64	584	23	643	70453	120.64	1.10	109.57
NLV032	Wisc Central	64	538	18	1220	153881	286.02	2.27	126.13
NRA001	Wisc North	63	469	5	492	47196	100.63	1.05	95.93
NSI001	Wisc North	63	631	7	1915	121014	191.78	3.03	63.19
OGE021	Wisc North	62	171	6	26	4282	25.04	0.15	164.69
OJB021	Wisc North	63	5	0	0	0	0.00	0.00	0.00
OLU021	Wisc North	62	94	4	88	10387	110.50	0.94	118.03
ONA061	Wisc South	68	2244	35	1071	77901	34.72	0.48	72.74
ONA062	Wisc South	68	937	7	177	23897	25.50	0.19	135.01
OPK010	Wisc North	60	347	5	8	544	1.57	0.02	68.00
OPK011	Wisc North	60	9	0	0	0	0.00	0.00	0.00
OPY081	Wisc North	61	611	41	1122	896109	1466.63	1.84	798.67
OSC021	Wisc North	60	1256	26	1437	69151	55.06	1.14	48.12
OSC022	Wisc North	60	701	53	2870	307115	438.11	4.09	107.01
OSC031	Wisc North	60	17	1	17	714	42.00	1.00	42.00
OTC021	Wisc Central	65	513	8	677	28675	55.90	1.32	42.36
OTC022	Wisc Central	65	1579	12	123	8270	5.24	0.08	67.24
OTC023	Wisc Central	65	1370	4	1395	13839	10.10	1.02	9.92
OTC031	Wisc Central	65	1709	27	719	43020	25.17	0.42	59.83
OTC032	Wisc Central	65	1454	17	175	12873	8.85	0.12	73.56
OWN021	Wisc Central	64	1236	22	525	51421	41.60	0.42	97.94
PEP021	Wisc Central	66	898	48	1496	833616	928.30	1.67	557.23
PHL021	Wisc North	62	743	7	15	1235	1.66	0.02	82.33
PHL031	Wisc North	62	1000	17	250	22706	22.71	0.25	90.82
PHL032	Wisc North	62	3	1	3	543	181.00	1.00	181.00
PMP001	Wisc North	61	6	0	0	0	0.00	0.00	0.00
POK061	Wisc North	61	789	18	1853	710710	900.77	2.35	383.55
POK062	Wisc North	61	876	27	2064	818348	934.19	2.36	396.49
PRE021	Wisc North	60	1280	36	1037	175747	137.30	0.81	169.48
PRE022	Wisc North	60	629	19	181	38284	60.86	0.29	211.51
PRN021	Wisc North	62	775	29	455	54388	70.18	0.59	119.53
PRS563	Wisc Central	65	3	1	3	108	36.00	1.00	36.00
PRS565	Wisc Central	65	3	1	3	108	36.00	1.00	36.00
PSI021	Wisc North	63	1256	110	6438	3012691	2398.64	5.13	467.95
PTW001	Wisc North	62	310	13	94	18267	58.93	0.30	194.33
RBL021	Wisc North	62	137	8	50	100613	734.40	0.36	2012.26

Xcel Energy - Wisconsin Year-End Feeder Reliability
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Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI	SAIFI	CAIDI
	Grand Total:		225705	6370	329287	79848929	351.56	1.46	[illegible]
RBL022	Wisc North	62	175	4	35	40496	231.41	0.20	1157.03
RBL023	Wisc North	62	659	21	632	638576	969.01	0.96	1010.41
RCD022	Wisc Central	66	104	4	10	3158	30.37	0.10	315.80
RCD023	Wisc Central	66	888	26	254	28675	32.29	0.29	112.89
RCD024	Wisc Central	66	121	5	166	2556	21.12	1.37	15.40
RCD031	Wisc Central	66	3	0	0	0	0.00	0.00	0.00
RCD032	Wisc Central	66	6	0	0	0	0.00	0.00	0.00
RCD033	Wisc Central	66	3	0	0	0	0.00	0.00	0.00
RCL021	Wisc North	61	51	2	43	2910	57.06	0.84	67.67
RCL029	Wisc North	61	0	0	0	0	0.00	0.00	0.00
RCL031	Wisc North	61	1362	85	1294	543665	399.17	0.95	420.14
RCL039	Wisc North	61	0	0	0	0	0.00	0.00	0.00
RIC081	Wisc North	60	2030	89	6800	2033186	1001.57	3.35	299.00
RIC082	Wisc North	60	22	1	9	1305	59.32	0.41	145.00
RID081	Wisc North	61	536	47	2467	1821867	3399.01	4.60	738.49
RID082	Wisc North	61	734	44	4228	1468372	2000.51	5.76	347.30
RKL021	Wisc South	67	725	50	988	168424	232.31	1.36	170.47
RSH081	Wisc North	60	2135	34	9516	802928	376.08	4.46	84.38
RSH091	Wisc North	60	946	26	1479	121818	128.77	1.56	82.37
RSH092	Wisc North	60	305	4	425	34841	114.23	1.39	81.98
RSK021	Wisc Central	66	669	32	657	85011	127.07	0.98	129.39
RTL021	Wisc North	63	1035	91	9498	2447331	2364.57	9.18	257.67
RTL022	Wisc North	63	918	76	7209	1656459	1804.42	7.85	229.78
RVW021	Wisc Central	65	81	1	17	2499	30.85	0.21	147.00
SAX001	Wisc North	63	3	0	0	0	0.00	0.00	0.00
SCF024	Wisc North	60	223	14	584	70400	315.70	2.62	120.55
SCF025	Wisc North	60	967	15	1144	59732	61.77	1.18	52.21
SHW021	Wisc Central	65	262	10	64	2878	10.98	0.24	44.97
SLA001	Wisc North	61	0	1	0	0	0.00	0.00	0.00
SLD021	Wisc North	61	281	11	607	300839	1070.60	2.16	495.62
SND021	Wisc North	61	2517	127	12216	3899174	1549.14	4.85	319.19
SOE001	Wisc North	62	507	3	34	3854	7.60	0.07	113.35
SPA021	Wisc South	67	461	2	54	945	2.05	0.12	17.50
SPA022	Wisc South	67	1432	33	534	131046	91.51	0.37	245.40
SPA031	Wisc South	67	1560	20	164	27972	17.93	0.11	170.56
SPA032	Wisc South	67	1783	59	1199	416265	233.46	0.67	347.18
SPA033	Wisc South	67	0	0	0	0	0.00	0.00	0.00
SPE021	Wisc Central	64	1014	24	413	54985	54.23	0.41	133.14
SPN001	Wisc North	61	0	0	0	0	0.00	0.00	0.00
SPR021	Wisc Central	66	748	28	1519	189959	253.96	2.03	125.06
SQN001	Wisc North	62	3	0	0	0	0.00	0.00	0.00
SST061	Wisc North	62	541	22	74	7338	13.56	0.14	99.16
SST062	Wisc North	62	586	8	54	7397	12.62	0.09	136.98
STA081	Wisc Central	64	282	5	74	7304	25.90	0.26	98.70
STA082	Wisc Central	64	719	19	1079	460390	640.32	1.50	426.68
STA083	Wisc Central	64	562	15	673	57938	103.09	1.20	86.09
STE471	Wisc Central	65	3	0	0	0	0.00	0.00	0.00

Xcel Energy - Wisconsin Year-End Feeder Reliability
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Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI	SAIFI	CAIDI
	Grand Total:		225706	6370	326837	79349929	351.55	1.45	242.87
STE472	Wisc Central	65	3	0	0	0	0.00	0.00	0.00
STM021	Wisc Central	65	522	13	443	117723	225.52	0.85	265.74
STM022	Wisc Central	65	994	19	381	55099	55.43	0.38	144.62
SUM211	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
SUM212	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
SUP021	Wisc North	63	149	20	1184	397931	2670.68	7.95	336.09
SVN001	Wisc North	62	293	5	28	1265	4.32	0.10	45.18
SWC061	Wisc South	68	355	3	5	995	2.80	0.01	199.00
SWC062	Wisc South	68	12	0	0	0	0.00	0.00	0.00
SWC071	Wisc South	68	254	3	269	17647	69.48	1.06	65.60
SWC072	Wisc South	68	1180	12	302	20244	17.16	0.26	67.03
SXF021	Wisc North	63	204	13	825	162015	794.19	4.04	196.38
TAD021	Wisc North	61	334	12	872	100791	301.77	2.61	115.59
TCN081	Wisc Central	64	2062	36	166	11423	5.54	0.08	68.81
TCN091	Wisc Central	64	947	27	849	122101	128.93	0.90	143.82
TCN092	Wisc Central	64	2127	20	416	45940	21.60	0.20	110.43
THA001	Wisc North	61	0	0	0	0	0.00	0.00	0.00
TLA001	Wisc North	63	1	2	2	355	355.00	2.00	177.50
TMU001	Wisc South	67	0	0	0	0	0.00	0.00	0.00
TRE021	Wisc South	67	18	1	1	336	18.67	0.06	336.00
TRL081	Wisc North	61	828	74	4329	2297803	2775.12	5.23	530.79
TRL082	Wisc North	61	352	13	216	91570	260.14	0.61	423.94
TRP021	Wisc Central	64	505	41	808	120645	238.90	1.60	149.31
TRP022	Wisc Central	64	911	10	1030	88254	96.88	1.13	85.68
TRX021	Wisc Central	65	979	44	1069	97614	99.71	1.09	91.31
TRX022	Wisc Central	65	746	15	282	12062	16.17	0.38	42.77
TRX023	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
TRX031	Wisc Central	65	77	8	21	1134	14.73	0.27	54.00
TRX032	Wisc Central	65	1804	24	475	46854	25.97	0.26	98.64
TRX033	Wisc Central	65	366	2	32	2618	7.15	0.09	81.81
TST001	Wisc North	62	300	3	11	1085	3.62	0.04	98.64
TUR021	Wisc North	60	290	10	643	111562	384.70	2.22	173.50
TUR022	Wisc North	60	344	25	797	182409	530.26	2.32	228.87
TWN021	Wisc North	63	693	25	2887	256393	369.98	4.17	88.81
TWN022	Wisc North	63	676	42	2938	254641	376.69	4.35	86.67
TWT081	Wisc North	60	1116	63	3209	788452	706.50	2.88	245.70
UPS001	Wisc North	63	45	0	0	0	0.00	0.00	0.00
USR533	Wisc Central	65	6	1	1	177	29.50	0.17	177.00
USR534	Wisc Central	65	9	0	0	0	0.00	0.00	0.00
VAV001	Wisc North	62	282	1	1	41	0.15	0.00	41.00
VIR002	Wisc South	67	496	2	501	37350	75.30	1.01	74.55
VIR003	Wisc South	67	894	14	1600	160337	179.35	1.79	100.21
VIR061	Wisc South	67	1316	42	3216	318630	242.12	2.44	99.08
WAF001	Wisc North	63	3	0	0	0	0.00	0.00	0.00
WBI021	Wisc North	62	3	0	0	0	0.00	0.00	0.00
WBN021	Wisc North	62	837	10	136	29981	35.82	0.16	220.45
WBN022	Wisc North	62	444	17	246	112817	254.09	0.55	458.61

Xcel Energy - Wisconsin Year-End Feeder Reliability
All Levels Including All Weather Conditions

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI	SAIFI	CAIDI
	Grand Total:		225705	6370	328887	79348929	351.56	1.46	[illegible]
WBY171	Wisc South	67	0	0	0	0	0.00	0.00	0.00
WDB001	Wisc North	63	7	3	3	554	79.14	0.43	184.67
WDM081	Wisc North	61	743	56	4748	2153967	2899.01	6.39	453.66
WHH022	Wisc South	67	563	23	168	292577	519.67	0.30	1741.53
WHH023	Wisc South	67	752	15	810	874907	1163.44	1.08	1080.13
WHR021	Wisc North	62	152	13	689	76054	500.36	4.53	110.38
WHR022	Wisc North	62	225	12	336	54882	243.92	1.49	163.34
WHR023	Wisc North	62	243	27	836	168332	692.72	3.44	201.35
WIB569	Wisc Central	65	1271	65	4649	782458	615.62	3.66	168.31
WLR081	Wisc North	60	654	17	575	59538	91.04	0.88	103.54
WLR082	Wisc North	60	2232	34	2545	366220	164.08	1.14	143.90
WLR091	Wisc North	60	2487	23	143	10739	4.32	0.06	75.10
WLR092	Wisc North	60	3759	46	541	87767	23.35	0.14	162.23
WND081	Wisc Central	66	271	17	667	115002	424.36	2.46	172.42
WSM081	Wisc South	67	1239	46	1794	869176	701.51	1.45	484.49
WSM091	Wisc South	67	1976	50	2809	650214	329.06	1.42	231.48
WSM092	Wisc South	67	1092	15	295	116326	106.53	0.27	394.33
WTH001	Wisc North	61	0	1	3	4311	0.00	0.00	1437.00
WTL061	Wisc North	61	1292	60	6587	3272312	2532.75	5.10	496.78
WTL062	Wisc North	61	1113	63	4220	3611585	3244.91	3.79	855.83
YLR081	Wisc North	61	3	1	1	12	4.00	0.33	12.00
YLR082	Wisc North	61	1080	30	4206	608988	563.88	3.89	144.79

Xcel Energy - Wisconsin Year End Feeder Reliability
All Levels Without Major Storms

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI	SAIFI	CAIDI
	Grand Total:		225705	4527	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALC021	Wisc South	67	394	10	807	124367	315.65	2.05	154.11
ALC022	Wisc South	67	222	10	299	127748	575.44	1.35	427.25
ALM559	Wisc Central	66	505	6	19	4180	8.28	0.04	220.00
ALM560	Wisc Central	66	15	0	0	0	0.00	0.00	0.00
ALN001	Wisc North	63	7	0	0	0	0.00	0.00	0.00
AMC001	Wisc North	62	3	0	0	0	0.00	0.00	0.00
AMC002	Wisc North	62	3	0	0	0	0.00	0.00	0.00
AMY001	Wisc North	60	560	3	5	913	1.63	0.01	182.60
ARK081	Wisc Central	66	85	1	1	190	2.24	0.01	190.00
ARK082	Wisc Central	66	596	7	11	664	1.11	0.02	60.36
AUG021	Wisc Central	65	318	7	27	2123	6.68	0.08	78.63
AUG022	Wisc Central	65	694	8	786	156522	225.54	1.13	199.14
AYR021	Wisc North	63	813	7	45	4166	5.12	0.06	92.58
AYR022	Wisc North	63	882	22	200	14821	16.80	0.23	74.11
BAV001	Wisc North	62	732	7	7	494	0.67	0.01	70.57
BAY021	Wisc North	60	800	19	450	65849	82.31	0.56	146.33
BEA414	Wisc North	60	837	26	989	26179	31.28	1.18	26.47
BEA415	Wisc North	60	381	5	48	5703	14.97	0.13	118.81
BES021	Wisc North	63	1063	27	2353	212806	200.19	2.21	90.44
BES022	Wisc North	63	1082	10	1198	127307	117.66	1.11	106.27
BFT061	Wisc North	62	576	16	326	67410	117.03	0.57	206.78
BFT062	Wisc North	62	631	12	223	8484	13.45	0.35	38.04
BGR020	Wisc South	67	0	0	0	0	0.00	0.00	0.00
BIR021	Wisc North	61	925	37	218	22851	24.70	0.24	104.82
BIR022	Wisc North	61	572	18	47	9881	17.27	0.08	210.23
BKD021	Wisc North	62	290	25	835	143362	494.35	2.88	171.69
BLA021	Wisc South	67	673	14	762	89532	133.03	1.13	117.50
BLA022	Wisc South	67	15	1	17	4080	272.00	1.13	240.00
BLA023	Wisc South	67	555	6	633	75964	136.87	1.14	120.01
BLD021	Wisc North	63	629	25	1571	334178	531.28	2.50	212.72
BLR020	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
BMU021	Wisc North	61	0	0	0	0	0.00	0.00	0.00
BNT021	Wisc North	62	471	17	159	30240	64.20	0.34	190.19
BRA001	Wisc North	63	1	0	0	0	0.00	0.00	0.00
BYD001	Wisc Central	64	314	5	78	11429	36.40	0.25	146.53
BYF021	Wisc North	62	2185	96	8632	1698097	777.16	3.95	196.72
CAB021	Wisc North	61	420	23	625	66933	159.36	1.49	107.09
CAB022	Wisc North	61	289	20	499	81219	281.03	1.73	162.76
CAD001	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
CAD061	Wisc Central	65	51	5	53	7562	148.27	1.04	142.68
CAT021	Wisc South	67	483	21	198	41999	86.95	0.41	212.12
CEF081	Wisc Central	66	815	24	1791	126599	155.34	2.20	70.69
CFO001	Wisc North	61	3	0	0	0	0.00	0.00	0.00
CHF021	Wisc Central	65	640	2	14	574	0.90	0.02	41.00
CHF022	Wisc Central	65	1670	23	927	64132	38.40	0.56	69.18
CHF023	Wisc Central	65	877	6	122	8203	9.35	0.14	67.24
CHF024	Wisc Central	65	1365	25	475	28703	21.03	0.35	60.43

Xcel Energy - Wisconsin Year End Feeder Reliability
All Levels Without Major Storms

Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI	SAIFI	CAIDI
	Grand Total:		245705	4527	196566	24183425	101.15	0.82	123.00
CHF031	Wisc Central	65	434	7	444	31967	73.66	1.02	72.00
CHF032	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
CHF033	Wisc Central	65	559	2	2	97	0.17	0.00	48.50
CHF034	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
CLL081	Wisc North	60	496	13	139	12260	24.72	0.28	88.20
CLL082	Wisc North	60	405	3	11	624	1.54	0.03	56.73
CMR021	Wisc North	61	1082	27	252	32636	30.16	0.23	129.51
CNR001	Wisc North	63	3	2	6	1065	355.00	2.00	177.50
COC021	Wisc Central	66	399	14	143	11560	28.97	0.36	80.84
CON021	Wisc North	61	314	14	385	40840	130.06	1.23	106.08
COR197	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
COR198	Wisc Central	65	3	0	0	0	0.00	0.00	0.00
COU061	Wisc South	68	1561	9	271	28666	18.36	0.17	105.78
COU062	Wisc South	68	1373	19	275	44720	32.57	0.20	162.62
COU068	Wisc South	68	1876	22	349	46016	24.53	0.19	131.85
COU069	Wisc South	68	471	10	91	17379	36.90	0.19	190.98
COU071	Wisc South	68	1302	14	197	29041	22.30	0.15	147.42
COU077	Wisc South	68	1776	24	387	75573	42.55	0.22	195.28
COU078	Wisc South	68	1207	14	238	19216	15.92	0.20	80.74
COU079	Wisc South	68	547	8	169	16099	29.43	0.31	95.26
CPM021	Wisc South	67	0	0	0	0	0.00	0.00	0.00
CPM022	Wisc South	67	5	1	11	891	178.20	2.20	81.00
CPM023	Wisc South	67	6	2	7	1040	173.33	1.17	148.57
CPM024	Wisc South	67	396	2	191	29912	75.54	0.48	156.61
CPM025	Wisc South	67	225	4	31	5039	22.40	0.14	162.55
CPM026	Wisc South	67	403	4	215	40309	100.02	0.53	187.48
CPM032	Wisc South	67	618	5	84	13058	21.13	0.14	155.45
CPM033	Wisc South	67	393	3	64	11364	28.92	0.16	177.56
CPM034	Wisc South	67	49	1	9	1413	28.84	0.18	157.00
CPM035	Wisc South	67	99	1	6	942	9.52	0.06	157.00
CRN001	Wisc North	62	118	3	119	7956	67.42	1.01	66.86
CSH021	Wisc South	67	122	7	264	41420	339.51	2.16	156.89
CSH022	Wisc South	67	442	17	1957	324509	734.18	4.43	165.82
CTA021	Wisc North	62	314	7	24	1806	5.75	0.08	75.25
CTS021	Wisc Central	64	722	11	304	61680	85.43	0.42	202.89
CUM081	Wisc North	60	222	5	6	668	3.01	0.03	111.33
CUM082	Wisc North	60	101	1	1	103	1.02	0.01	103.00
CVA021	Wisc South	67	660	27	1791	186143	282.03	2.71	103.93
CVA022	Wisc South	67	371	22	1337	169511	456.90	3.60	126.78
DRM021	Wisc North	61	192	4	48	2346	12.22	0.25	48.88
DRS211	Wisc North	61	109	2	2	297	2.72	0.02	148.50
DRS212	Wisc North	61	0	0	0	0	0.00	0.00	0.00
DUR021	Wisc Central	66	480	6	24	1093	2.28	0.05	45.54
DUR022	Wisc Central	66	1019	27	357	39279	38.55	0.35	110.03
EGA021	Wisc Central	66	117	4	137	13893	118.74	1.17	101.41
EGA022	Wisc Central	66	348	14	389	44731	128.54	1.12	114.99
EGA023	Wisc Central	66	0	0	0	0	0.00	0.00	0.00

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EGP021	Wisc Central	65	1157	39	1017	102465	88.56	0.88	100.75
EGP022	Wisc Central	65	284	20	58	3669	12.92	0.20	63.26
EGP211	Wisc Central	65	1157	30	2967	209782	181.32	2.56	70.71
EGP212	Wisc Central	65	284	4	11	945	3.33	0.04	85.91
ELK001	Wisc Central	65	416	10	134	8465	20.35	0.32	63.17
ELL021	Wisc North	60	1032	15	1148	240692	233.23	1.11	209.66
ELL022	Wisc North	60	310	3	318	70218	226.51	1.03	220.81
ELM021	Wisc Central	66	220	11	148	16047	72.94	0.67	108.43
ELM022	Wisc Central	66	589	4	42	4622	7.85	0.07	110.05
ELS021	Wisc Central	65	424	8	88	13511	31.87	0.21	153.53
ELS022	Wisc Central	65	465	6	7	428	0.92	0.02	61.14
ELS023	Wisc Central	65	15	0	0	0	0.00	0.00	0.00
ELS024	Wisc Central	65	97	1	97	9991	103.00	1.00	103.00
ELS027	Wisc Central	65	2104	25	2635	304894	144.91	1.25	115.71
ELS031	Wisc Central	65	743	6	102	13488	18.15	0.14	132.24
ELS032	Wisc Central	65	1176	10	1514	59953	50.98	1.29	39.60
ELS033	Wisc Central	65	1490	10	157	21818	14.64	0.11	138.97
ELS034	Wisc Central	65	282	3	3	804	2.85	0.01	268.00
ETK021	Wisc South	67	337	1	1	76	0.23	0.00	76.00
EWA001	Wisc North	61	3	0	0	0	0.00	0.00	0.00
FAY001	Wisc North	62	258	7	252	22322	86.52	0.98	88.58
FEN061	Wisc South	68	1183	20	297	26208	22.15	0.25	88.24
FEN062	Wisc South	68	486	7	264	33349	68.62	0.54	126.32
FEN063	Wisc South	68	597	0	0	0	0.00	0.00	0.00
FEN071	Wisc South	68	0	0	0	0	0.00	0.00	0.00
FEN072	Wisc South	68	848	9	145	10500	12.38	0.17	72.41
FEN073	Wisc South	68	954	24	2206	116435	122.05	2.31	52.78
FIN021	Wisc North	61	661	4	7	458	0.69	0.01	65.43
FIN022	Wisc North	61	1927	85	2068	204236	105.99	1.07	98.76
FLB010	Wisc North	62	3	0	0	0	0.00	0.00	0.00
FLC097	Wisc Central	65	609	4	15	2858	4.69	0.02	190.53
GAL021	Wisc South	67	1254	24	1943	257044	204.98	1.55	132.29
GAS62I	Wisc North	62	0	0	0	0	0.00	0.00	0.00
GAS62S	Wisc North	62	4	0	0	0	0.00	0.00	0.00
GAS63E	Wisc North	63	136	0	0	0	0.00	0.00	0.00
GAS63W	Wisc North	63	404	0	0	0	0.00	0.00	0.00
GAS651	Wisc Central	65	2	0	0	0	0.00	0.00	0.00
GAS681	Wisc South	68	23	0	0	0	0.00	0.00	0.00
GAS68A	Wisc South	68	2	0	0	0	0.00	0.00	0.00
GAS68B	Wisc South	68	0	0	0	0	0.00	0.00	0.00
GAS68C	Wisc South	68	0	0	0	0	0.00	0.00	0.00
GDN021	Wisc North	62	421	3	11	898	2.13	0.03	81.64
GEN197	Wisc South	68	762	10	55	10877	14.27	0.07	197.76
GEN198	Wisc South	68	271	5	271	64387	237.59	1.00	237.59
GLA021	Wisc North	63	75	2	4	330	4.40	0.05	82.50
GLM021	Wisc Central	64	475	21	1276	148509	312.65	2.69	116.39
GMT021	Wisc North	60	198	0	0	0	0.00	0.00	0.00

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GOG001	Wisc North	63	3	0	0	0	0.00	0.00	0.00
GRV021	Wisc North	62	105	8	15	1183	11.27	0.14	78.87
GST021	Wisc North	60	403	9	224	15919	39.50	0.56	71.07
GST023	Wisc North	60	569	13	85	7353	12.92	0.15	86.51
GVA021	Wisc South	67	313	13	325	16473	52.63	1.04	50.69
HAF001	Wisc South	67	108	3	36	10732	99.37	0.33	298.11
HAL062	Wisc Central	65	1615	20	1943	76567	47.41	1.20	39.41
HAL063	Wisc Central	65	1479	13	1791	72810	49.23	1.21	40.65
HAL072	Wisc Central	65	1144	21	1375	78093	68.26	1.20	56.79
HAL073	Wisc Central	65	409	5	121	5948	14.54	0.30	49.16
HAY081	Wisc Central	66	647	7	34	2641	4.08	0.05	77.68
HAY082	Wisc Central	66	1702	29	638	64888	38.12	0.37	101.71
HER001	Wisc North	62	142	11	221	37689	265.42	1.56	170.54
HGN021	Wisc North	63	6	2	12	2130	355.00	2.00	177.50
HLA062	Wisc South	68	1426	32	337	26649	18.69	0.24	79.08
HLA063	Wisc South	68	0	0	0	0	0.00	0.00	0.00
HLA071	Wisc South	68	1211	19	215	11357	9.38	0.18	52.82
HUR021	Wisc North	63	374	3	19	1428	3.82	0.05	75.16
HUR022	Wisc North	63	862	19	275	74067	85.92	0.32	269.33
HWD021	Wisc North	61	539	16	161	20297	37.66	0.30	126.07
HWD022	Wisc North	61	668	15	885	97240	145.57	1.32	109.88
HWK021	Wisc North	61	226	4	15	1140	5.04	0.07	76.00
HWY021	Wisc North	62	3	0	0	0	0.00	0.00	0.00
HYD031	Wisc Central	65	55	4	103	4157	75.58	1.87	40.36
HYD032	Wisc Central	65	2546	65	6998	657062	258.08	2.75	93.89
HYD211	Wisc Central	65	39	0	0	0	0.00	0.00	0.00
HYD212	Wisc Central	65	63	0	0	0	0.00	0.00	0.00
IHD021	Wisc North	63	322	20	722	75061	233.11	2.24	103.96
INO001	Wisc North	62	3	0	0	0	0.00	0.00	0.00
IRB001	Wisc North	63	149	1	1	99	0.66	0.01	99.00
IRP001	Wisc North	63	3	0	0	0	0.00	0.00	0.00
IRP002	Wisc North	63	0	0	0	0	0.00	0.00	0.00
IRW001	Wisc North	63	350	0	0	0	0.00	0.00	0.00
IRW002	Wisc North	63	562	3	10	768	1.37	0.02	76.80
IRW003	Wisc North	63	531	10	115	8571	16.14	0.22	74.53
IRW004	Wisc North	63	0	0	0	0	0.00	0.00	0.00
IRW005	Wisc North	63	315	8	22	1953	6.20	0.07	88.77
JEF211	Wisc Central	65	97	5	13	968	9.98	0.13	74.46
JEF221	Wisc Central	65	9	0	0	0	0.00	0.00	0.00
JIM021	Wisc Central	65	355	13	206	30619	86.25	0.58	148.64
JKS021	Wisc North	63	4	2	8	1420	355.00	2.00	177.50
KIN081	Wisc North	60	448	20	1011	77761	173.57	2.26	76.91
LAX062	Wisc South	68	1840	18	510	36776	19.99	0.28	72.11
LAX063	Wisc South	68	1480	5	114	5200	3.51	0.08	45.61
LAX065	Wisc South	68	948	8	1975	32133	33.90	2.08	16.27
LAX067	Wisc South	68	790	4	218	45058	57.04	0.28	206.69
LAX074	Wisc South	68	637	4	1267	9020	14.16	1.99	7.12

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LAX075	Wisc South	68	1600	15	399	57845	36.15	0.25	144.97
LAX076	Wisc South	68	1158	21	3022	102929	88.89	2.61	34.06
LAX077	Wisc South	68	739	23	2345	36015	48.73	3.17	15.36
LDP001	Wisc North	61	0	0	0	0	0.00	0.00	0.00
LKC081	Wisc North	60	1246	26	1107	162268	130.23	0.89	146.58
LKH010	Wisc Central	64	3	0	0	0	0.00	0.00	0.00
LKH020	Wisc Central	64	3	0	0	0	0.00	0.00	0.00
LON061	Wisc Central	65	1299	8	87	11898	9.16	0.07	136.76
LON062	Wisc Central	65	467	5	129	24560	52.59	0.28	190.39
LON063	Wisc Central	65	204	2	2	339	1.66	0.01	169.50
LON071	Wisc Central	65	653	3	92	31380	48.06	0.14	341.09
LON072	Wisc Central	65	702	6	79	9680	13.79	0.11	122.53
LOY021	Wisc Central	64	960	21	284	28281	29.46	0.30	99.58
LOY022	Wisc Central	64	749	19	886	122466	163.51	1.18	138.22
LPA001	Wisc North	62	3	1	1	88	29.33	0.33	88.00
LUK021	Wisc North	60	1022	14	161	14852	14.53	0.16	92.25
LUP001	Wisc North	63	3	2	6	861	287.00	2.00	143.50
LYN021	Wisc Central	64	255	6	34	3897	15.28	0.13	114.62
LYN022	Wisc Central	64	415	8	439	25093	60.47	1.06	57.16
MAD061	Wisc Central	65	315	2	18	1022	3.24	0.06	56.78
MAD062	Wisc Central	65	929	21	401	71704	77.18	0.43	178.81
MAD071	Wisc Central	65	729	13	198	28135	38.59	0.27	142.10
MAD072	Wisc Central	65	2114	14	260	13507	6.39	0.12	51.95
MAF061	Wisc South	68	272	2	5	479	1.76	0.02	95.80
MAF062	Wisc South	68	51	0	0	0	0.00	0.00	0.00
MAF063	Wisc South	68	1544	14	198	6179	4.00	0.13	31.21
MAF071	Wisc South	68	1064	14	227	24796	23.30	0.21	109.23
MAF072	Wisc South	68	653	18	311	25506	39.06	0.48	82.01
MAF073	Wisc South	68	365	0	0	0	0.00	0.00	0.00
MCO001	Wisc North	63	203	4	4	354	1.74	0.02	88.50
MCO021	Wisc North	63	397	29	1647	196495	494.95	4.15	119.30
MDR021	Wisc Central	66	149	19	114	12937	86.83	0.77	113.48
MEN021	Wisc Central	66	878	23	404	52546	59.85	0.46	130.06
MEN022	Wisc Central	66	1542	37	1889	56784	36.82	1.23	30.06
MEN023	Wisc Central	66	343	3	39	4530	13.21	0.11	116.15
MEN031	Wisc Central	66	25	0	0	0	0.00	0.00	0.00
MEN032	Wisc Central	66	1774	37	1597	152618	86.03	0.90	95.57
MER021	Wisc South	67	762	14	631	156107	204.86	0.83	247.40
MEY021	Wisc North	63	3	1	3	294	98.00	1.00	98.00
MFN021	Wisc Central	64	0	0	0	0	0.00	0.00	0.00
MFS021	Wisc Central	64	0	0	0	0	0.00	0.00	0.00
MFW021	Wisc Central	64	0	0	0	0	0.00	0.00	0.00
MID001	Wisc North	63	3	0	0	0	0.00	0.00	0.00
MLN001	Wisc North	62	596	6	24	1808	3.03	0.04	75.33
MLS021	Wisc South	67	515	15	531	55706	108.17	1.03	104.91
MLS022	Wisc South	67	0	0	0	0	0.00	0.00	0.00
MNR021	Wisc North	62	95	4	72	5494	57.83	0.76	76.31

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MNR022	Wisc North	62	110	6	79	5562	50.56	0.72	70.41
MNT001	Wisc North	63	822	20	451	55020	66.93	0.55	122.00
MRC021	Wisc North	63	98	10	537	102255	1043.42	5.48	190.42
MRC022	Wisc North	63	1510	89	9219	1938680	1283.89	6.11	210.29
MSE021	Wisc North	62	29	1	29	4611	159.00	1.00	159.00
NAP021	Wisc Central	65	516	8	31	3219	6.24	0.06	103.84
NAP022	Wisc Central	65	1417	15	97	7949	5.61	0.07	81.95
NEL021	Wisc Central	66	245	5	16	1322	5.40	0.07	82.63
NFO021	Wisc North	62	1057	21	477	39677	37.54	0.45	83.18
NFO031	Wisc North	62	1317	14	1164	100024	75.95	0.88	85.93
NLV021	Wisc Central	64	987	4	990	104044	105.41	1.00	105.09
NLV031	Wisc Central	64	584	17	609	60748	104.02	1.04	99.75
NLV032	Wisc Central	64	538	13	591	57350	106.60	1.10	97.04
NRA001	Wisc North	63	469	5	492	47196	100.63	1.05	95.93
NSI001	Wisc North	63	631	7	1915	121014	191.78	3.03	63.19
OGE021	Wisc North	62	171	3	23	1623	9.49	0.13	70.57
OJB021	Wisc North	63	5	0	0	0	0.00	0.00	0.00
OLU021	Wisc North	62	94	2	46	2269	24.14	0.49	49.33
ONA061	Wisc South	68	2244	33	1069	77694	34.62	0.48	72.68
ONA062	Wisc South	68	937	5	124	15410	16.45	0.13	124.27
OPK010	Wisc North	60	347	4	7	482	1.39	0.02	68.86
OPK011	Wisc North	60	9	0	0	0	0.00	0.00	0.00
OPY081	Wisc North	61	611	17	49	4992	8.17	0.08	101.88
OSC021	Wisc North	60	1256	21	1432	67273	53.56	1.14	46.98
OSC022	Wisc North	60	701	24	969	55731	79.50	1.38	57.51
OSC031	Wisc North	60	17	1	17	714	42.00	1.00	42.00
OTC021	Wisc Central	65	513	8	677	28675	55.90	1.32	42.36
OTC022	Wisc Central	65	1579	11	122	8102	5.13	0.08	66.41
OTC023	Wisc Central	65	1370	4	1395	13839	10.10	1.02	9.92
OTC031	Wisc Central	65	1709	25	712	42633	24.95	0.42	59.88
OTC032	Wisc Central	65	1454	14	158	12130	8.34	0.11	76.77
OWN021	Wisc Central	64	1236	18	464	48794	39.48	0.38	105.16
PEP021	Wisc Central	66	898	34	226	29990	33.40	0.25	132.70
PHL021	Wisc North	62	743	6	14	1129	1.52	0.02	80.64
PHL031	Wisc North	62	1000	16	249	22693	22.69	0.25	91.14
PHL032	Wisc North	62	3	1	3	543	181.00	1.00	181.00
PMP001	Wisc North	61	6	0	0	0	0.00	0.00	0.00
POK061	Wisc North	61	789	9	93	10126	12.83	0.12	108.88
POK062	Wisc North	61	876	11	46	6496	7.42	0.05	141.22
PRE021	Wisc North	60	1280	33	992	167336	130.73	0.78	168.69
PRE022	Wisc North	60	629	12	51	5732	9.11	0.08	112.39
PRN021	Wisc North	62	775	22	171	18842	24.31	0.22	110.19
PRS563	Wisc Central	65	3	1	3	108	36.00	1.00	36.00
PRS565	Wisc Central	65	3	1	3	108	36.00	1.00	36.00
PSI021	Wisc North	63	1256	93	5271	1799003	1432.33	4.20	341.30
PTW001	Wisc North	62	310	12	68	12703	40.98	0.22	186.81
RBL021	Wisc North	62	137	3	3	644	4.70	0.02	214.67

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RBL022	Wisc North	62	175	2	2	113	0.65	0.01	56.50
RBL023	Wisc North	62	659	5	8	865	1.31	0.01	108.13
RCD022	Wisc Central	66	104	2	2	450	4.33	0.02	225.00
RCD023	Wisc Central	66	888	24	230	22873	25.76	0.26	99.45
RCD024	Wisc Central	66	121	4	165	2206	18.23	1.36	13.37
RCD031	Wisc Central	66	3	0	0	0	0.00	0.00	0.00
RCD032	Wisc Central	66	6	0	0	0	0.00	0.00	0.00
RCD033	Wisc Central	66	3	0	0	0	0.00	0.00	0.00
RCL021	Wisc North	61	51	1	15	810	15.88	0.29	54.00
RCL029	Wisc North	61	0	0	0	0	0.00	0.00	0.00
RCL031	Wisc North	61	1362	58	731	66600	48.90	0.54	91.11
RCL039	Wisc North	61	0	0	0	0	0.00	0.00	0.00
RIC081	Wisc North	60	2030	45	2667	294070	144.86	1.31	110.26
RIC082	Wisc North	60	22	1	9	1305	59.32	0.41	145.00
RID081	Wisc North	61	536	13	1051	167827	313.11	1.96	159.68
RID082	Wisc North	61	734	13	1650	252836	344.46	2.25	153.23
RKL021	Wisc South	67	725	33	160	21986	30.33	0.22	137.41
RSH081	Wisc North	60	2135	25	5197	456062	213.61	2.43	87.75
RSH091	Wisc North	60	946	19	1433	114957	121.52	1.51	80.22
RSH092	Wisc North	60	305	4	425	34841	114.23	1.39	81.98
RSK021	Wisc Central	66	669	24	641	82522	123.35	0.96	128.74
RTL021	Wisc North	63	1035	80	6475	1312772	1268.38	6.26	202.74
RTL022	Wisc North	63	918	62	6171	1055127	1149.38	6.72	170.98
RVW021	Wisc Central	65	81	1	17	2499	30.85	0.21	147.00
SAX001	Wisc North	63	3	0	0	0	0.00	0.00	0.00
SCF024	Wisc North	60	223	8	496	43755	196.21	2.22	88.22
SCF025	Wisc North	60	967	9	1092	51165	52.91	1.13	46.85
SHW021	Wisc Central	65	262	10	64	2878	10.98	0.24	44.97
SLA001	Wisc North	61	0	0	0	0	0.00	0.00	0.00
SLD021	Wisc North	61	281	7	310	53280	189.61	1.10	171.87
SND021	Wisc North	61	2517	98	3275	507480	201.62	1.30	154.96
SOE001	Wisc North	62	507	3	34	3854	7.60	0.07	113.35
SPA021	Wisc South	67	461	2	54	945	2.05	0.12	17.50
SPA022	Wisc South	67	1432	29	333	36605	25.56	0.23	109.92
SPA031	Wisc South	67	1560	16	108	10145	6.50	0.07	93.94
SPA032	Wisc South	67	1783	40	889	345327	193.68	0.50	388.44
SPA033	Wisc South	67	0	0	0	0	0.00	0.00	0.00
SPE021	Wisc Central	64	1014	19	354	50609	49.91	0.35	142.96
SPN001	Wisc North	61	0	0	0	0	0.00	0.00	0.00
SPR021	Wisc Central	66	748	24	1402	103460	138.32	1.87	73.79
SQN001	Wisc North	62	3	0	0	0	0.00	0.00	0.00
SST061	Wisc North	62	541	16	60	6019	11.13	0.11	100.32
SST062	Wisc North	62	586	8	54	7397	12.62	0.09	136.98
STA081	Wisc Central	64	282	4	73	6456	22.89	0.26	88.44
STA082	Wisc Central	64	719	3	16	514	0.71	0.02	32.13
STA083	Wisc Central	64	562	6	58	8056	14.33	0.10	138.90
STE471	Wisc Central	65	3	0	0	0	0.00	0.00	0.00

Xcel Energy - Wisconsin Year End Feeder Reliability
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Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI	SAIFI	CAIDI
	Grand Total:		225705	4527	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
STE472	Wisc Central	65	3	0	0	0	0.00	0.00	0.00
STM021	Wisc Central	65	522	5	160	10041	19.24	0.31	62.76
STM022	Wisc Central	65	994	18	377	53555	53.88	0.38	142.06
SUM211	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
SUM212	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
SUP021	Wisc North	63	149	17	873	256438	1721.06	5.86	293.74
SVN001	Wisc North	62	293	5	28	1265	4.32	0.10	45.18
SWC061	Wisc South	68	355	1	3	912	2.57	0.01	304.00
SWC062	Wisc South	68	12	0	0	0	0.00	0.00	0.00
SWC071	Wisc South	68	254	3	269	17647	69.48	1.06	65.60
SWC072	Wisc South	68	1180	12	302	20244	17.16	0.26	67.03
SXF021	Wisc North	63	204	13	825	162015	794.19	4.04	196.38
TAD021	Wisc North	61	334	9	438	43183	129.29	1.31	98.59
TCN081	Wisc Central	64	2062	27	118	5076	2.46	0.06	43.02
TCN091	Wisc Central	64	947	20	657	99991	105.59	0.69	152.19
TCN092	Wisc Central	64	2127	16	47	2782	1.31	0.02	59.19
THA001	Wisc North	61	0	0	0	0	0.00	0.00	0.00
TLA001	Wisc North	63	1	2	2	355	355.00	2.00	177.50
TMU001	Wisc South	67	0	0	0	0	0.00	0.00	0.00
TRE021	Wisc South	67	18	1	1	336	18.67	0.06	336.00
TRL081	Wisc North	61	828	23	1053	219989	265.69	1.27	208.92
TRL082	Wisc North	61	352	3	27	1799	5.11	0.08	66.63
TRP021	Wisc Central	64	505	18	204	32616	64.59	0.40	159.88
TRP022	Wisc Central	64	911	6	94	9669	10.61	0.10	102.86
TRX021	Wisc Central	65	979	40	1007	85789	87.63	1.03	85.19
TRX022	Wisc Central	65	746	13	257	9867	13.23	0.34	38.39
TRX023	Wisc Central	65	0	0	0	0	0.00	0.00	0.00
TRX031	Wisc Central	65	77	6	19	956	12.42	0.25	50.32
TRX032	Wisc Central	65	1804	22	473	46321	25.68	0.26	97.93
TRX033	Wisc Central	65	366	2	32	2618	7.15	0.09	81.81
TST001	Wisc North	62	300	2	10	954	3.18	0.03	95.40
TUR021	Wisc North	60	290	1	1	48	0.17	0.00	48.00
TUR022	Wisc North	60	344	2	2	329	0.96	0.01	164.50
TWN021	Wisc North	63	693	18	2835	246719	356.02	4.09	87.03
TWN022	Wisc North	63	676	36	2568	182061	269.32	3.80	70.90
TWT081	Wisc North	60	1116	19	542	31057	27.83	0.49	57.30
UPS001	Wisc North	63	45	0	0	0	0.00	0.00	0.00
USR533	Wisc Central	65	6	1	1	177	29.50	0.17	177.00
USR534	Wisc Central	65	9	0	0	0	0.00	0.00	0.00
VAV001	Wisc North	62	282	1	1	41	0.15	0.00	41.00
VIR002	Wisc South	67	496	2	501	37350	75.30	1.01	74.55
VIR003	Wisc South	67	894	12	1585	152078	170.11	1.77	95.95
VIR061	Wisc South	67	1316	32	2925	238045	180.89	2.22	81.38
WAF001	Wisc North	63	3	0	0	0	0.00	0.00	0.00
WBI021	Wisc North	62	3	0	0	0	0.00	0.00	0.00
WBN021	Wisc North	62	837	8	134	29768	35.57	0.16	222.15
WBN022	Wisc North	62	444	14	186	99232	223.50	0.42	533.51

Xcel Energy - Wisconsin Year End Feeder Reliability
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Feeder	Reg	Div	Custs	# Outs	Cust Ints	Cust Mins	SAIDI	SAIFI	CAIDI
	Grand Total:		225705	4527	196506	24188525	107.15	[illegible]	[illegible]
WBY171	Wisc South	67	0	0	0	0	0.00	0.00	0.00
WDB001	Wisc North	63	7	3	3	554	79.14	0.43	184.67
WDM081	Wisc North	61	743	31	1993	265788	357.72	2.68	133.36
WHH022	Wisc South	67	563	13	40	2950	5.24	0.07	73.75
WHH023	Wisc South	67	752	12	61	11252	14.96	0.08	184.46
WHR021	Wisc North	62	152	12	542	44008	289.53	3.57	81.20
WHR022	Wisc North	62	225	11	116	6922	30.76	0.52	59.67
WHR023	Wisc North	62	243	22	465	100330	412.88	1.91	215.76
WIB569	Wisc Central	65	1271	42	3188	332981	261.98	2.51	104.45
WLR081	Wisc North	60	654	14	472	36336	55.56	0.72	76.98
WLR082	Wisc North	60	2232	19	296	18142	8.13	0.13	61.29
WLR091	Wisc North	60	2487	19	139	10429	4.19	0.06	75.03
WLR092	Wisc North	60	3759	36	503	75816	20.17	0.13	150.73
WND081	Wisc Central	66	271	11	355	31714	117.03	1.31	89.34
WSM081	Wisc South	67	1239	28	127	14247	11.50	0.10	112.18
WSM091	Wisc South	67	1976	32	2198	116668	59.04	1.11	53.08
WSM092	Wisc South	67	1092	11	124	7177	6.57	0.11	57.88
WTH001	Wisc North	61	0	0	0	0	0.00	0.00	0.00
WTL061	Wisc North	61	1292	17	2832	263238	203.74	2.19	92.95
WTL062	Wisc North	61	1113	17	1235	150696	135.40	1.11	122.02
YLR081	Wisc North	61	3	1	1	12	4.00	0.33	12.00
YLR082	Wisc North	61	1080	18	1270	66203	61.30	1.18	52.13