



Farmers Rural Electric Cooperative Corporation

504 S. Broadway, Glasgow, KY 42141 • P.O. Box 1298, Glasgow, KY 42142 • (270) 651-2191 • Fax (270) 651-7332

Jim Welch
Director of Engineering
EPPC/DPP/PUBLIC SERVICE COMMISSION
211 Sower Blvd.
P O Box 615
Frankfort Kentucky 40602

Dear Mr. Welch,

Attached is the data required to meet the annual filing requirement in regards to reliability as directed in Case Number #2006-00494. A few comments are necessary to accurately evaluate the data.

1. Five years of history was not available for the section on indices by circuit. All information available was reported.
2. Historical customer count by circuit is not available for prior years. The Indices for years 2006, 2005, and 2004 are based upon circuit data from 2007.
3. Right of way information was provided by Terry Jeffries VP Service & Maintenance.

Tony Wells
VP Technical Services
Farmers Rural Electric Cooperative Corporation
504 S Broadway
Glasgow KY 42141
Phone 270-651-2191
Fax 270-651-7332
Email twells@farmersrecc.com

**FIVE YEAR
CONSUMER OUTAGE SUMMARY
2007**

YEAR	NUMBER OUTAGES	CONSUMERS SERVED	CONSUMERS INTERRUPTED	DURATION (MINUTES)
2003	807	22238	37,135	3,710,004
2004	1,191	22680	56,016	23,331,642
2005	612	23013	26,272	3,968,576.4
2006	992	23376	38,806	5,605,735.2
2007	706	23730	26,867	2,974,758.0

YEAR	SAIDI	SAIFI	CAIDI
2003	139	1.67	100
2004	1029	2.47	417
2005	172	1.14	151
2006	240	1.66	144
2007	125	1.13	111

Reliability Indices by Circuit

Ten Worst Performing Circuits

2007

Substation	Circuit	Cons. Served	Duration	SAIDI	Cons. Off	SAIFI	CAIDI	Major Cause Code
0011	0002	537	215500.20	24078.23	2296	4.28	5631.54	Weather, Lightning
0008	0001	562	202505.00	21619.75	1601	2.85	7589.19	Public, Other
0009	0002	362	107565.00	17828.45	903	2.49	7147.18	Unknown
0002	0001	785	221440.00	16925.35	1384	1.76	9600.00	Weather, Lightning
0003	0004	918	234710.00	15340.52	1439	1.57	9786.38	Equipment, Equipment Fault
0005	0001	210	42335.00	12095.71	178	0.85	14270.22	Right of Way, On R/W Tree
0002	0006	1605	274248.00	10252.26	1589	0.99	10355.49	Weather, Lightning
0003	0006	285	47715.00	10045.26	366	1.28	7822.13	Unknown
0002	0003	491	78943.00	9646.80	430	0.88	11015.30	Unknown
0002	0005	1061	168380.00	9521.96	1067	1.01	9468.42	Unknown

2006

Substation	Circuit	Cons. Served	Duration	SAIDI	Cons. Off	SAIFI	CAIDI	Major Cause Code
0002	0001	785	623325.00	47642.68	2566	3.27	14575.02	Weather, Lightning
0004	0003	177	79645.00	26998.30	759	4.29	6296.05	Weather, Lightning
0002	0006	1605	691909.99	25865.79	5897	3.67	7039.95	Right of Way, Trees
0005	0002	1111	410775.00	22184.07	3699	3.33	6663.02	Equipment, Equipment Fault
0003	0001	862	309525.00	21544.66	1450	1.68	12807.93	Weather, Wind not Trees
0009	0001	337	109635.00	19519.58	1002	2.97	6564.97	Weather, Lightning
0011	0004	421	134980.00	19237.05	597	1.42	13565.83	Weather, Lightning
0008	0001	562	170600.00	18213.52	636	1.13	16094.34	Right of Way, Trees
0004	0004	715	216485.00	18166.57	744	1.04	17458.47	Weather, Wind not Trees
0002	0005	1061	306210.00	17316.31	1330	1.25	13813.98	Right of Way, Trees

2005

Substation	Circuit	Cons. Served	Duration	SAIDI	Cons. Off	SAIFI	CAIDI	Major Cause Code
0002	0001	785	823170.19	62917.47	4513	5.75	10943.99	Equipment, Equipment Fault
0011	0002	537	323955.00	36196.09	1707	3.18	11386.82	Weather, Lightning
0004	0005	147	84785.00	34606.12	689	4.69	7383.31	Weather, Lightning
0002	0006	1605	651242.00	24345.50	2955	1.84	13223.19	Weather, Lightning
0003	0004	918	353660.00	23115.03	2170	2.36	9778.62	Equipment, Equipment Fault
0002	0005	1061	376145.00	21271.16	2400	2.26	9403.63	Weather, Lightning
0002	0002	483	132170.00	16418.63	933	1.93	8499.68	Right of Way, Trees
0001	0001	512	135337.00	15859.80	1846	3.61	4398.82	Equipment, Equipment Fault
0005	0002	1111	200880.00	10848.60	1426	1.28	8452.17	Equipment, Equipment Fault
0003	0001	862	149215.00	10386.19	778	0.90	11507.58	Unknown

2004

Substation	Circuit	Cons. Served	Duration	SAIDI	Cons. Off	SAIFI	CAIDI	Major Cause Code
0002	0002	483	254870.00	31660.87	1072	2.22	14265.11	Weather, Lightning
0001	0001	512	251481.80	29470.52	1253	2.45	12042.23	Right of Way, Trees
0002	0006	1605	774735.00	28962.06	7802	4.86	5957.97	Unknown
0011	0004	421	192774.98	27473.87	1455	3.46	7949.48	Equipment, Equipment Fault
0004	0005	147	57565.00	23495.92	403	2.74	8570.47	Equipment, Equipment Fault
0002	0001	785	275618.00	21066.34	2366	3.01	6989.47	Right of Way, Trees
0003	0005	293	85380.00	17483.96	526	1.80	9739.16	Weather, Lightning
0009	0002	362	97187.00	16108.34	537	1.48	10858.88	Equipment, Equipment Fault
0002	0003	491	106045.00	12958.66	618	1.26	10295.63	Weather, Lightning
0004	0004	715	149660.00	12558.88	1301	1.82	6902.08	Equipment, Other

A continual year long process has determined that Farmers RECC adequately implemented its vegetation plan in an effort to reduce tree related outages for the calendar year 2007. Tree related outages were reduced overall with a continuing reduction in "in right of way" tree related outages.

There are not forecasted to be any changes in the vegetation management plan for the calendar year 2008.