

INTER-COUNTY ENERGY

VEGETATION MANAGEMENT

PLAN

January 1, 2015
Revised 05/29/2024

As part of Inter-County Energy's efforts to provide reliable electric service, right-of-way maintenance and clearing is a necessary function of the Operation's Department. There are many trees within Inter-County Energy's service territory boundaries. Landowners and public agencies have an interest in these trees and of the trees' appearance in their communities. Trees are the property of landowners. Members convey the right of access to said property to repair and service its lines for distribution of electric energy when they apply for membership. Maintaining a vegetation free corridor for the distribution of electricity is a necessary requirement to provide quality service to its members. In keeping distribution lines clear of vegetation, safe working conditions are maintained for Inter County Energy employees, the public risk of electrical contact is reduced, and reliability of electric service is improved. This vegetation management plan outlines maintenance practices and timetables to be used by Inter County Energy and its contractors.

Inter County Energy consumers are served from 16 distribution substations operated and maintained by East Kentucky Power Cooperation. Inter County RUS 2023-year end form 7 indicates a total of 4,026 circuit miles including services, overhead primary, and underground primary conductor.

Inter County Energy currently utilizes contract line clearing crews that include various combinations of manpower and equipment. The current plan, based upon a Board approved budget, allocates most of the annual clearing to be performed on a per circuit basis with smaller allocations given to time and material ("Hot Spot") clearing and growth slowing spray treatment.

This revision is intended to improve our current practices and to make improvements in our efficiencies with cycle cutting, improved tracking and reporting procedures. We are striving to maintain a six-year cycle in which each circuit will be cleared in its entirety beginning at the substation and working to the ends.

Line clearing standard practices will be as follows:

1. The right-of-way Contractor shall begin at the substation with crews comprised of various combinations of manpower and equipment deemed necessary to complete that circuit in its entirety.
2. Focus must be maintained on dedicating crews to completing the cycle clearing in a timely matter and those crews shall not be used for any other reason unless approved by the VP of Engineering and Operations or the CEO.
3. Additional crews shall be dedicated to clearing trouble spots, new construction, work plan items, or other clearing requirements on a time and material basis. These crews, when available, can be used for the cycle clearing.

4. The Inter County Energy Maintenance Superintendent, with the help of the Contractor, shall determine and schedule the needed number of spray crews for spraying that right-of-way that has had one (1) complete growing cycle since its last clearing and a respray two (2) years following.
5. The Contractor, under the supervision of the Maintenance Superintendent, shall strive to maintain a 2-week consumer notification and information for entry onto the consumer's property.
6. Door hangers shall be utilized to ensure proper notification to those consumers that were unable to be met by the Contractor and/or Representatives.
7. All right-of-way shall be cleared every (6) six years to conform to RUS standard M1.30G, ground to sky, except for yard trees and special arrangements determined by Inter County Energy management.
8. All right-of-way must be trimmed or cut to a minimum of 10' from any phase to vegetation at the time of cycle cut, unless approved by Inter County Energy management.
9. Service conductors are not to be included in the clearing unless there is a potential danger to property or the public.
10. The Maintenance Superintendent shall incorporate any circuit whose system performance indices show excessive outages resulting from vegetation issues.
11. The Maintenance Superintendent shall also coordinate the proposed clearing schedule with the service men to ensure that certain areas that may have had faster vegetation growth are considered in the plan.
12. The Maintenance Superintendent along with the Contractor shall provide routine reporting of the miles of single phase and multiphase clearing as well as identifying trouble spots with consumers and/or yard trees. All clearing shall be clearly identified on maps provided by engineering showing which sections of line were cleared.

The following is the recommended cycle schedule beginning in year 2018. This schedule is to be closely monitored and adjusted as required by the Maintenance Superintendent to ensure the six-year cycle is maintained while also taking care of consumer requests, work plan projects, and new construction right-of-way clearing needs.

Substation	Circuit	Multi-phase miles	Single Phase miles	Total Miles	# of Meters	Cycle
Gooch	Fairgrounds	13.48	46.0	59.48	957	1
Gooch	Lancaster	11.00	33.77	44.77	880	1
Gooch	Danville	10.03	25.59	35.62	708	1
Gooch	Preachersville	24.23	98.13	122.36	1221	1
Highland	Ottenham	2.47	7.63	10.10	150	1
Highland	Waynesburg	6.62	28.60	35.22	500	1
Highland	Green River	15.49	113.76	129.25	1197	1
Sulphur Creek	Raywick	26.29	155.79	182.08	1488	2
Sulphur Creek	Howardstown	10.25	44.34	54.60	339	2
Sulphur Creek	New Hope	4.05	27.91	31.96	292	2
Peyton Store	Jacktown	13.43	127.19	140.61	1209	2
Broughtontown	Hwy 27	7.28	27.26	34.54	255	2
Broughtontown	Hwy 1781	5.65	39.94	45.59	466	2
Perryville	Battlefield	12.09	42.99	55.08	377	3
Perryville	Gravel Switch	13.90	62.92	76.82	768	3
Perryville	Mitchellsburg	23.59	118.41	141.99	1102	3
Ballard	Paradise Camp	3.85	18.28	22.13	528	3
Toddsville	WDKY	9.21	36.98	46.19	587	3
Peyton Store	Little South	5.44	41.23	46.66	259	3
Toddsville	Bourne	7.94	37.71	45.65	496	3
Ballard	Toddsville	6.76	14.90	21.65	389	4
Ballard	Wells Landing	3.67	19.37	23.04	498	4
HT Adams	Dixville	12.42	49.59	62.00	687	4
Perryville	Harrodsburg	15.07	42.89	57.96	462	4
Lebanon	Danville	25.72	155.46	181.18	1661	4
Lebanon	Lebanon	17.61	74.14	91.74	1005	4
Loretto	Holy Cross	12.78	52.64	65.42	636	5
Loretto	Lebanon	6.08	16.47	22.55	199	5
Loretto	Spencer Hamilton	2.63	8.21	10.84	115	5
Loretto	Makers Mark	4.37	.65	5.02	34	5
Shelby City	Moreland	12.21	44.92	57.12	1224	5
Shelby City	Alum Springs	20.47	57.93	78.40	1258	5
Shelby City	Stanford	16.54	45.72	62.26	703	5
Peyton Store	Hustonville	25.14	108.54	133.68	1151	5
Marion Ind	Ky Hwy 208	13.05	54.94	67.99	1182	5
Marion Ind	TBMK	.67	0	.67	3	5
Marion Ind	Industrial	1.48	0	1.48	9	5
HT Adams	Harrodsburg	14.00	26.51	40.51	644	6
Shelby City	Old 127	2.70	24.13	26.83	211	6

Lancaster	Lexington Rd	4.68	31.79	36.47	389	6
Lancaster	Buckeye	16.85	91.60	108.46	771	6
Lancaster	Danville	15.08	34.35	49.43	528	6
Garrard	Gilbert	5.92	25.31	31.24	392	6
Garrard	Paint Lick	16.45	72.80	89.24	821	6
Gooch	Crab Orchard	.90	.13	1.03	9	6
Broughtontown	Hwy 150	16.09	72.39	88.48	839	6

Note: Above numbers are subject to change.

	* Multi-phase miles	*Single Phase miles	*Total Miles	Meters
Cycle 1	83.32	353.48	436.80	5613
Cycle 2	66.95	422.43	489.38	4049
Cycle 3	76.02	358.52	434.54	4117
Cycle 4	81.25	356.35	437.60	4702
Cycle 5	115.33	390.02	505.35	6514
Cycle 6	92.34	378.84	471.18	4581
Grand Total	515.21	2259.64	2774.85	29577

* Miles represent only primary overhead conductors and does not include secondary conductors.

This revision of Inter County Energy’s vegetation management system is a result of years of experience within the Cooperative and input from like Cooperatives around the state. This program shall be reviewed annually to ensure the six-year cycle will be met and system reliability is maintained.