

FOLIAR HERBICIDE PLAN FOR CENTRAL MAINE POWER TRANSMISSION LINE RIGHTS-OF-WAY

During the 2017 calendar year, Central Maine Power Company (CMP) will be treating approximately 7,000 acres as part of our regular vegetation management program. Some of this acreage is comprised of agricultural and industrial uses, and only needs to be patrolled. Integrated vegetation management techniques are employed on the remaining acreage to minimize the use of herbicides.

The first phase of the program requires that a contract crew patrol each right-of-way cutting all hardwood species over 8 feet tall and most of the softwood species. The stumps of trees capable of resprouting are treated with a herbicide. This reduces the amount of foliage that must be treated each cycle. Areas not suitable for foliar herbicide application during the summer are to be entirely cut at this time, and stump treatment to be used where appropriate.

The second phase of this year's program requires that the contract crew patrol each transmission line a second time, treating all remaining tree species capable of growing into the conductors or that block access to the right-of-way. The herbicides are applied with a backpack, hand pressurized spray tank. The tank pressure is low, so the potential for off target movement of the mix is minimized. A contract crew composed of 5 to 8 people will selectively treat the capable species.

A no spray zone is maintained around wells, municipal water supplies or any open water. The buffer zone will vary depending on the topography, a minimum of 25 feet is maintained on all water and a minimum 100-foot buffer is maintained on drinking water supplies. These buffers provide an additional margin of safety.

A low-pressure foliar application technique will be used on the majority of right-of-way scheduled this year. The herbicides and adjuvants, including a drift control agent, are mixed in water at rates of 1/8% - 5%. A hand-pressurized backpack sprayer is used to selectively apply the mix directly to the leaves of the undesirable species. The large droplet size, low tank pressure, and drift control agents, combined with the selective application technique, reduces the potential for drift to a very minimal level. The following is a list of herbicides CMP may use depending on species composition, density and environmental factors:

- Garlon 4 Ultra EPA Reg. No. 62719-527
- Arsenal Powerline EPA Reg. No. 241-431
- Milestone VM EPA Reg. No. 62719-537
- Rodeo EPA Reg. No. 62719-324
- Stalker EPA Reg. No. 241-398
- Aquifact (adjuvant)
- HY-Grade I (carrier)
- Liberate (adjuvant)
- Penetron (adjuvant)
- Propylene Glycol (carrier) - used in winter cst mix

Before a treatment technique or herbicide is selected, a review of the right-of-way is conducted including a list of landowner maintenance agreements, known municipal water supplies, and brush densities. This information helps CMP personnel select the herbicides and determine the mix rates.

A form is given to each crew foreman before the job starts listing all special arrangements, herbicides, and mix rates. All the work is performed by licensed contract crews. The contract crews will post a sign on the first structure on each side of all public roads stating the date and herbicide used. If herbicides are not applied near the road crossing structure, the first structure where herbicides are used will be posted.

Each town that has a transmission right-of-way scheduled for herbicide work in 2017 will be notified in advance. A landowner maintenance agreement is available to any landowner or municipality objecting to the use of herbicides. The landowner agrees to keep brush to a height less than 10 feet and a CMP inspector looks over each area annually. CMP personnel will notify the staff of the Board of Pesticide Control at the start of the season of general work locations. Daily locations are available at CMP's General Office.

The following list identifies the CMP transmission section numbers and general locations for 2017 scheduled work. Plan and profile maps for each right-of-way are on file at the General Office in Augusta.

2017 CMP TRANSMISSION VEGETATION MANAGEMENT SCHEDULE

Line	Line Name
1	Winslow to Augusta E. Side
4	Winslow to Detroit
11	Topsham to Bath
19	Bowman Street to Augusta E. Side
20	Searsport to Jct. L. 26
22	Lisbon Falls to Worumbo Hydro
26	Belfast to Searsport
27	Lisbon Falls to Masonite
30	Topsham to Brunswick Hydro
31	Topsham to Brunswick W. Side
31A	Jct. L. 31 to Topsham (old)
32	Rangley to Stratton

32A	Jct. L. 32 to Bigelow
33	Augusta E. Side to Augusta K-5
38	Rice Rips to Augusta E. Side
38A	Jct. L. 38 to W. Waterville
38B	Jct. L. 38 to Bond Brook
40	Winslow to Fort Halifax
42	Deer Rips Hydro to Hotel Road
43	Crowley's to Topsham
45	Gulf Island to Deer Rips Hydro
46	Gulf Island to Deer Rips Hydro
54	Frye to Rangeley
55	Bath to Washington Street
56	Winslow to Rice Rips
56A	Jct. L. 56 to W. Waterville
58	Bath to Washington Street
63	Wyman Hydro to Starks
63A	Jct. L. 63 to Williams Hydro
69	Bath to Surowiec
70	Jct. L.26 & 20 to Prospect
75	Lewiston Lower to Hotel Road
76	Gulf Island to Topsham
76C	Jct. L. 76 to Pejepsco Paper Co.
77	Mason to Bath
77A	Jct. L. 77 to Bath North End
81	Mason to Surowiec
81A	Jct. L. 81 to Topsham
92	Bridgton to Lovell
97	Lovell to Fryeburg
115	Bassett to South Berwick
117	Quaker Hill to Bassett
118	Quaker Hill to Bassett
139	Ogunquit to Bragdon Commons
139A	York Beach to York Harbor
147	Lewiston to Lewiston Lower
148	Great Falls to Lewiston
149	Deer Rips Hydro to Great Falls
151	Pleasant Hill to Cape
151A	Jct. L. 151 to Tank Farm
158	Skelton Hydro to Louden
159	Louden to Vallee Lane
170	Bonny Eagle to Hiram Hydro
173	Moshers to Prides Corner
178	Bolt Hill to Bragdon Commons
179	Red Brook S/SI to Pleasant Hill
181	Spring Street to Red Brook S/S
185	Sanford Switch to Butlers Corner
185A	Butlers Corner to Lebanon
192	Saco-Lowell #2 to Factory Island

194	Spring St to Long Creek
195	Red Brook S/S to Western Avenue
196	Spring Street to Long Creek
206	Highland to Park Street
206A	Jct. L. 206 to Dragon Products
207	Mason to Bath
207A	Jct. L. 207 to Maine Yankee
209	Raymond to Kimball Road
278	Starks to Livermore Falls
279	Starks to Madison Paper
375	Surowiec to Maine Yankee
377	Maine Yankee to Surowiec
3038	Buxton to Surowiec

MEPCO

Line	Line Name
3001MPS	Kesswick, NB to Penobscot River
3015	Chester SVC to Keene Rd