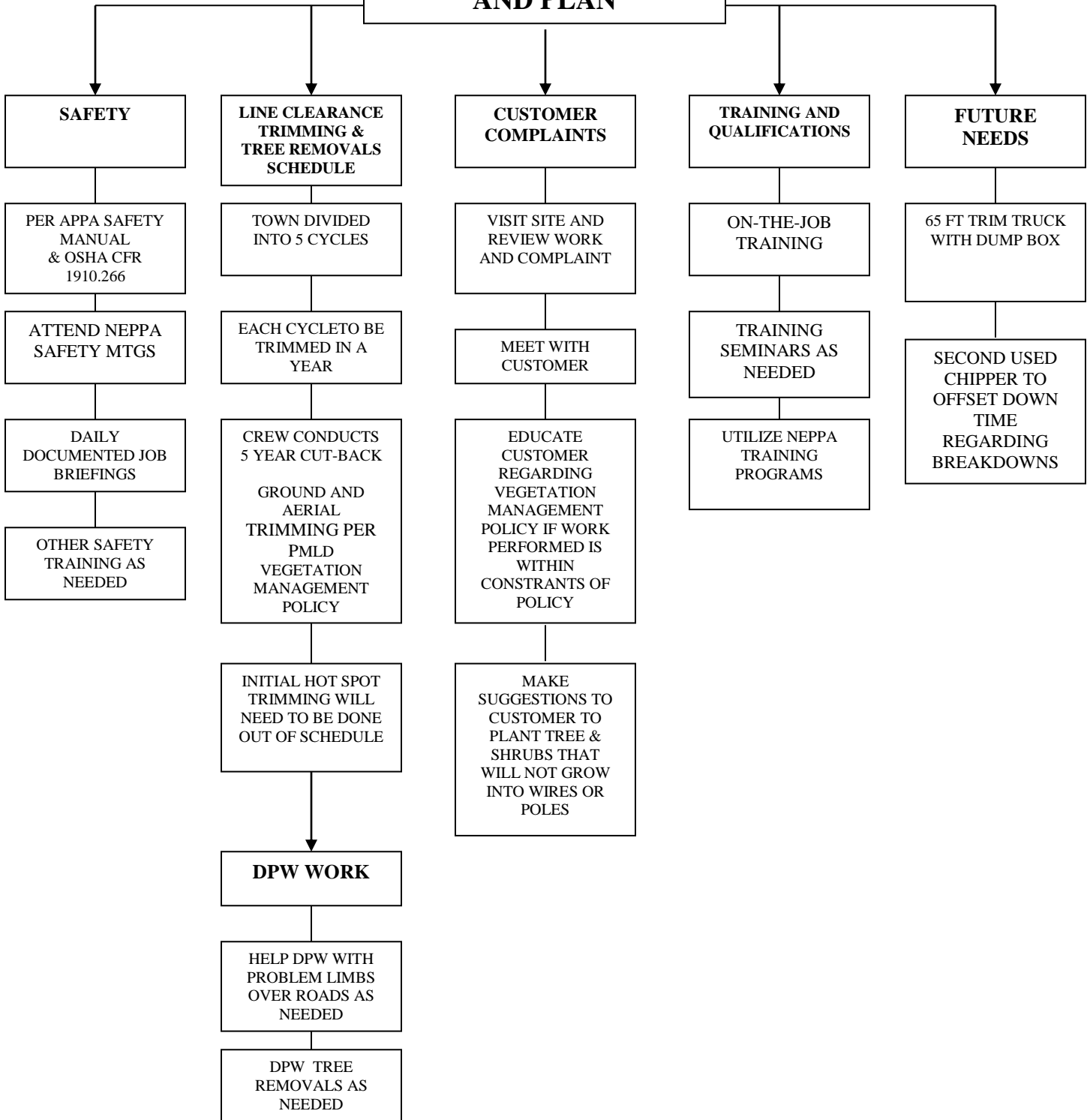


1.

**PRINCETON MUNICIPAL LIGHT DEPT
VEGETATION MANAGEMENT AND HIGH RISK
TREE REMOVAL POLICY AND PLAN**

VEGETATION MANAGEMENT AND HIGH RISK TREE REMOVAL POLICY AND PLAN



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Vegetation Management and High Risk Tree Removal Plan & Policy

Princeton Municipal Light Department recognizes and appreciates that trees are valuable assets to our landscapes and to the quality of life in our area. However, this must be balanced with the constant threat to the line worker's and public's safety, the reliability of the ratepayer's electric service, and the health of Princeton's roadside trees. It must be noted that trees and tree branches are the most frequent causes of power outages to our electric distribution system. Trees adjacent to PMLD's rights-of-way must be kept pruned and clear of the power lines according to this policy. This helps us provide a safe and reliable supply of electricity to our members. The goal of this policy can be simplified using the acronym:

C.P.R.T.

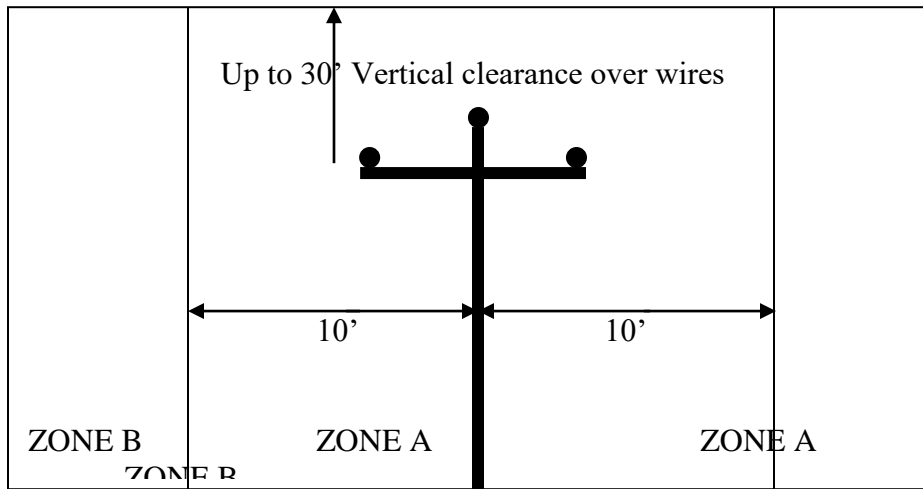
Crew Safety – trees that are near or touching wires are dangerous to crews that work on the wires.

Public Safety – trees touching the wires can conduct dangerous high voltage electricity to the ground, creating a high risk step potential for the public and pets.

Reliability of the electric system – trees are directly and indirectly responsible for more outages than any other source.

Tree health – trees are burned externally and internally when they touch high voltage wires. When we trim, we strive to make proper cuts to encourage quick healing and prevent “suckers” from growing. If it is determined that to maintain the proper clearances from the PMLD electric system, a tree would be left in an unhealthy condition, that tree will be removed.

- Often PMLD will in conjunction with the DPW, choose to mow the road prior to starting the vegetation management work, in an effort to save hundreds of costly man-hours of ground trimming. We will then mow a minimum of every three years to maintain the height of the vegetation directly beneath the electric system right-of-way.
- Branches and brush debris will be chipped, cleaned up, and hauled away the same day, unless equipment failures or scheduling conflicts arise. The work areas shall be left as clean as they were before the work was performed.
- Large limbs and wood that are not able to be chipped will be left in manageable lengths for the general public to take on a “first come first serve” basis. Very large unmanageable tree butts will be removed with heavy equipment.
- The following page outlines PMLD's “blueprint” for vegetation management and high risk tree removals.



Horizontal Clearance Area

A 20-foot area (**Zone A**) that is measured 10 feet out from each side of the pole line.

Zone A

Vegetation Management

- Any tree 8 inches and under in diameter (Measured 5' up the trunk), that is growing within 10 feet on either side of the pole line (zone A), shall be removed during the vegetation management cycle.
- Trees not subject to removal shall be trimmed in such a manner to achieve a five-year "no contact" period with the PMLD electric system.
- Trees shall be trimmed to establish a vertical clearance of up to 30 feet over the PMLD electric system to account for ice, snow and wind load.

High Risk Tree Removals

- High risk trees that are over 8 inches in diameter, as identified by PMLD to be endangering the PMLD electric system, shall be reported to the Princeton Tree Warden for approval to remove.

Zone B

Vegetation Management

- Trees growing in **Zone B** but encroaching into **Zone A**, shall be trimmed back to the trunk or a major limb.
- Any trees 8 inches and under in diameter, as identified by PMLD to be high risk, shall be removed.

High Risk Tree Removals

- High risk trees that are over 8 inches in diameter, as identified by PMLD to be endangering the PMLD electric system, shall be reported to the Princeton Tree Warden for approval to remove.

PRINCETON LIGHT DEPARTMENT

5 CYCLE VEGETATION MANAGEMENT SCHEDULE

TABLE 2-1

CYCLE 1 (Yellow)

Allen Hill Rd
 Boylston Ave
 Brooks Station Rd (Boylston to Ball)
 Bullock Ln
 Connor Ln
 Greene Rd
 Gregory Rd
 Matthews Ln
 Merriam Rd
 Mountain Rd
 Pine Hill Ln
 Pine Hill Rd
 Prospect St
 Radford Rd
 Sam Cobb Ln
 Thompson Rd-off Mt. Rd
 Westminster Rd

CYCLE 2 (Blue)

Beaman Rd
 East Princeton Rd
 Hobbs Rd
 Laurel Ln
 Leominster Rd
 Main St
 Mirick Rd
 North County Rd
 Osgood Rd
 Redemption Rock Tr N
 Redemption Rock Tr S
 Rocky Pond Rd
 Willson Rd

CYCLE 3 (Green)

Bullard Rd
 Coal Kiln Rd
 Esty Rd
 Forslund Rd
 Gleason Rd
 Gregory Hill Rd
 Houghton Rd
 Parker Pl
 Sterling Rd
 Town Farm Rd
 Whitaker Ln

CYCLE 4 (Purple)

Ball Hill Rd
 Birchwood Rd
 Brooks Station Rd (Ball to Town Line)
 Calamint Hill Rd No (Ball to DE)
 Calamint Hill Rd So
 Dowds Ln
 Grow Ln
 Havenwood Dr
 Jefferson Rd
 Lovers Ln
 Old Brooks Station Rd
 Pinewood Dr
 Redwood Dr
 Schoolhouse Rd
 Sharon Dr
 Worcester Rd

CYCLE 5 (Red)

Bigelow Rd
 Blood Rd
 Calamint Hill Rd No (Hubb to DE)
 Gates Rd
 Goodnow Rd
 Hubbardston Rd
 Lyon Rd
 Old Colony Rd
 Old Colony Rd Ext
 Ralph Rd
 Rhodes Rd
 Thompson Rd-off gates rd
 Wheeler Rd (Ralph to Ball)
 Wheeler Rd (Ralph to Hubb)

FIGURE 2-1

KEY

- YELLOW- CYCLE 1
- BLUE- CYCLE 2
- GREEN- CYCLE 3
- PURPLE- CYCLE 4
- RED- CYCLE 5

