

Trimming Diagram Notes

Trees shall be trimmed according to Table 1 and Figures 5.1 through 5.7.

Table 1

Conductor Type	Other	Minimum Clearance, ft
primary distribution conductors, 4 kV to 26 kV	transformers, switches and electrical equipment	10
secondary conductors	system neutrals and bridle service wire	3 – conifers 5 – deciduous
sub-transmission conductors (35 to 69 kV)	-	12.4
115 kV - Transmission conductors	-	12.4
230 kV transmission conductors	-	16.5

4. Notes

4.1 Primary Distribution Conductors

Primary distribution conductors, 4 kV to 26 kV, and transformers, switches and electrical equipment requires minimum clearance from vegetation of 10 feet.

4.2 Secondary Conductors

Secondary conductors, system neutrals, and bridle service wires require minimum clearance from vegetation of 3 to 5 feet.

4.3 Pole Height

Illustrations in this Guideline are shown for a typical 47-foot utility pole. The same clearance criteria apply to poles of other heights and to all conductors (wire).

4.4 Non-City Light Services

Fiber optic, cable TV and telephone cables are not trimmed out by City Light unless they are incidentally within 3 to 5 feet of the secondary zone. Streetlights are not trimmed out for illumination by SCL.

4.5 Vertical Clearance

Branches overhanging primary conductors from above are removed to a minimum of 15 feet above the primary conductors. See figures 5.5 and 5.7.

4.6 Transmission Conductors

Take special note that transmission conductor clearances are not shown in the figures. See Table 1 for clearance requirements.

References

Ingham, Dave; SCL Powerline Clearance Coordinator, subject matter expert

RCW 64.12.035, Revised Code of Washington, Cutting or Removing Vegetation - Electric Utility - Liability - Definitions.

Siddiqi, Uzma; SCL Standards Engineer, subject matter expert and originator of D9-80 (uzma.siddiqi@seattle.gov)

TA-2000 to TA-2006; series of drawings on tree clearances; SCL; 5/10/2006

WAC-296-24-960, Washington Administrative Code - Training