

REGULATION NO. 23

CLEARANCE REQUIREMENTS FOR POWER LINE CORRIDORS

A. GENERAL PROHIBITION

No person shall cause interference with or pose a threat to the reliability of the District's transmission or distribution lines or create a safety hazard to the public by encroaching upon the District's rights-of-way in violation of the standards set forth herein.

B. PROHIBITED ACTIONS IN DISTRICT RIGHTS-OF-WAY

Within District power line rights-of-way, persons may not:

- (1) Build or expand a structure.
- (2) Modify power line ground clearance by adding material, storing material, equipment, crops, haystacks or other means, resulting in ground clearance non-conformance to California Public Utilities Commission General Order 95 requirements as set forth in Exhibit A.
(Reference CPUC, General Order No. 95, Rule 37, Minimum Clearances of Wires above Railroads, Thoroughfares, Buildings, Case No. 4).
- (3) Dig, or otherwise undermine power line structures.
- (4) Modify drainage or protection berms.
- (5) Store or stack wood, earth, waste, debris, materials, crops, machinery, equipment, supplies, haystacks, or similar personalty.
- (6) Plant trees, palms or other vegetation with the ability to grow closer than the minimum clearances set forth in Exhibit B.
- (7) Ignite fires, burn debris, materials, crops, haystacks.
(Reference California Public Resources Code Section 4293, Mountainous, Forest-Brush- and Grass-Covered Lands).

C. PERSONNEL SAFETY CLEARANCES

- (1) No person, firm, corporation, or agent of same, shall require or permit an employee to perform any function in proximity to energized high-voltage lines, to enter upon any land, building, or other premises, and there engage in any excavation, repair, or other operation; or to erect, install, operate, or store, in or upon premises, any tools, machinery, equipment, materials, or structures unless or until danger from accidental contact with said high-voltage lines has been effectively guarded against.
- (2) Persons other than qualified line-clearance tree trimmers and trainees shall not approach energized high-voltage power lines closer than as set forth in Exhibit C.
(Reference California Code of Regulations, Title 8, Section 2950, Table 1 Operations).

(3) The execution, operation or dismantling of any boom-type lifting or hoisting equipment, or any part thereof, closer than the minimum clearances set forth in Exhibit D, below, shall be prohibited.

(Reference California Title 8, Section 2946, Provisions for Preventing Accidents Due to Proximity to Overhead Lines).

(4) The storage of tools, machinery, equipment, supplies, materials, or apparatus, under, over, or adjacent to energized overhead high-voltage lines, is hereby expressly prohibited, if at any time during the handling or other manipulation it is possible to bring such tools, machinery, equipment, supplies, materials, or apparatus, or any part thereof, closer than the minimum clearances from such lines as set forth in Exhibit D, below.

(Reference California Title 8, Section 2946, Provisions for Preventing Accidents Due to Proximity to Overhead Lines).

D. HAZARDS

Hazards that may fall onto overhead high-voltage lines shall be removed.

(Reference CPUC, General Order No. 95, Section III Requirements for All Lines, Rule 35, Vegetation Management).

E. ENFORCEMENT

The District is hereby authorized to enforce the provisions hereof by all legal and equitable remedies including the discontinuance or refusal of electrical service to the subject property and when deemed necessary and appropriate in order to protect the health and safety of the community or reliability of the energy system, remove the encroachment or obstruction; the cost of such removal to be charged to the property owner. The District shall provide notice to the property owner of intended enforcement actions except where there is an imminent threat to the health or safety of the community or to the reliability of the District's energy systems.

Exhibit A

California Public Utilities Commission, Rules for Overhead Electric Line Construction, General Order No. 95, Section III, Requirements for All Lines, Rule 37 Minimum Clearances of Wires above Railroads, Thoroughfares, Buildings, Etc., Case No. 4 (*excerpt, see Order for additional details*)

Case No.	Nature of Clearance	Span Wires (Other than Trolley Span Wires) Overhead Guys and Messengers	Communication Conductors (Including Open Wire, Cables and Service Drops), Supply Service Drops of 0 - 750 Volts	Supply Conductors of 0 - 750 Volts and Supply Cables Treated as in Rule 57.8	Supply Conductors and Supply Cables, 750 - 22,500 Volts	Supply Conductors and Supply Cables, 22,500 - 300,000 Volts
4	Above Ground along thoroughfares in rural districts or across other areas capable of being traversed by vehicles or agricultural equipment	15 Feet	15 Feet	19 Feet	25 Feet	30 Feet

Exhibit B

California Public Resources Code, Division 4, Part 2, Chapter 3 Mountainous, Forest-, Brush- and Grass-Covered Lands, Section 4293 (*excerpt, see Code for additional details*)

Clearance in All Directions Between All Vegetation and All Energized Conductors Which Are Carrying Electric Current	
Operating Voltage	Clearance Distance
2,400 or more Volts, but less than 72,000 Volts	4 FT
72,000 or more Volts, but less than 110,000 Volts	6 FT
110,000 or more Volts	10 FT

Exhibit C

California Title 8, Group 2, Article 38, Section 2950, Table 1 (*excerpt, see Code for additional details*)

Minimum Approach Distances to Energized Conductors for Persons Other Than Qualified Line Clearance Tree Trimmers and Trainees.	
Nominal Voltage (phase to phase)	Clearance Distance
0 to 1,000	10 FT 0 in.
1,100 to 15,000	10 FT 0 in.
15,100 to 36,000	10 FT 0 in.
72,600 to 121,000	12 FT 4 in.
161,000 to 169,000	14 FT 0 in.
230,000 to 242,000	16 FT 5 in.

Exhibit D

California Title 8, Subchapter 5, Group 2, Article 37, Section 2946, Provisions for Preventing Accidents Due to Proximity to Overhead Lines (*excerpt, see Code for additional details*)

Material Storage and Boom-Type Lifting or Hoisting Equipment Required Clearances Required From Energized Overhead High-Voltage Lines	
Nominal Voltage (phase to phase)	Clearance Distance
600 to 50,000	10 FT
Over 75,000 to 125,000	13 FT
Over 125,000 to 175,000	15 FT
Over 175,000 to 250,000	17 FT