

Chapter PSC 114

WISCONSIN STATE ELECTRICAL CODE

PSC 114.01	Wisconsin state electrical code	PSC 114.05	Interim vertical clearances for utility and railroad wires over water and boat landing areas
PSC 114.02	Availability of state electrical code		

PSC 114.01 Wisconsin state electrical code. The Wisconsin state electrical code is issued and administered by the public service commission and the department of industry, labor and human relations as part of the Wisconsin Administrative Code. The rules carry the prefix E.

History: 1-2-56; r. and recr. Register, January, 1962, No. 73, eff. 2-1-62; am. Register, April, 1964, No. 100, eff. 5-1-64; am. Register, April, 1972, No. 196, eff. 5-1-72.

PSC 114.02 Availability of state electrical code. The Wisconsin state electrical code published in 2 volumes may be purchased from the same source as other Wisconsin Administrative Code material.

History: 1-2-56; r. and recr. Register, January, 1962, No. 73, eff. 2-1-62; am. Register, April 1964, No. 100, eff. 5-1-64; am. Register, January, 1968, No. 145, eff. 2-1-68; am. Register, April, 1972, No. 196, eff. 5-1-72.

PSC 114.03. History: 1-2-56; r. Register, January, 1962, No. 73, eff. 2-1-62.

PSC 114.05 Interim vertical clearances for utility and railroad wires over water and boat landing areas. These requirements shall be effective until corresponding requirements are included in Volume 1, Wisconsin State Electrical Code.

(1) The clearances in this section (shown in Table 1A) apply to utility and railroad supply and communication lines constructed over water and boat landing areas. Lines over water which are constructed under a permit issued by the department of the army corps of engineers may require greater clearances. Also see section 30.15, Wis. Stats.

(2) Electric supply and communication lines constructed prior to the effective date of these rules shall be modified or reconstructed to comply with these rules by May 1, 1978.

(3) An exemption to these rules or extension of time for compliance will be granted only for specific locations upon petition to the public service commission and after a showing that the public interest will not be adversely affected by the grant of the exemption, exception or extension of time requested.

Table 1A

**MINIMUM VERTICAL CLEARANCE OF WIRES (IN FEET)
ABOVE WATER OR GROUND AT BOAT LANDING AREAS
(See Note a)**

Location of Wires & Cables	Guys, communication cables; messengers & wires; grounded supply cables; messengers & lightning protection wires	Open Supply Line Wires and Service Drops		
		0 to 750 Volts	750 to 15,000 Volts	15,000 to 50,000 Volts
Over normal high water of lakes, ponds and reservoirs with a surface area of 80 acres or more (see notes b and c)	40	40	40	42
Over normal high water of lakes, ponds, and reservoirs with a surface area of 10 acres or more but less than 80 acres (see notes b & c)	30	30	31	33
Over normal high water of lakes, ponds, and reservoirs with a surface area of less than 10 acres, & rivers, creeks, canals, etc. (see notes b & c)	18	18	18	20
Boat landing areas (see note d)	The clearance above ground at boat landing areas shall be 5 feet greater than the clearance of wire over water for the type of water area served by the landing site.			

a) The clearances in this table are basic clearances under conditions set forth in E123.03 (1), Wisconsin State Electrical Code. Increased clearances in accordance with E123.03 (2), Wisconsin State Electrical Code, shall be applied where applicable.

b) For purpose of these rules, the surface area of lakes, ponds, and reservoirs shall be as designated by the department of natural resources based on normal high water.

c) Lines attached to or in close proximity of fixed obstructions, such as bridges, need not comply with these clearance requirements provided that the lines are higher than the lower portion of the obstruction except that no line shall be constructed over water with a clearance less than that required over land.

d) Boat landing areas are defined to be those specific areas designed and intended for the launching and associated preparation of boats for launching by the public, not including access roads or noncontiguous parking areas.

History: Cr. Register, January, 1976, No. 241, eff. 2-1-76.