

Trinidad Levee and Trinidad Lake

OWNER
Texas Power & Light Company.

ENGINEER (Design)
Electric Bond and Share Company.

LOCATION
Off-channel lake in Henderson County, 2 miles south of Trinidad.

DRAINAGE AREA
Water is pumped from Trinity River.

DAM

Type	Earthfill dike
Length	12,000 ft
Height (average)	20 ft
Top width	Variable 15 to 20 ft

SPILLWAY

Type	Part of levee
Control	1 tainter gate 16-ft wide by 6-ft high discharges to flume over embankment

OUTLET WORKS
Water for cooling in a steam-electric generating plant is taken from and returned to the lake.

POWER GENERATION FEATURES
6 generating units with a total capacity of 400,000 kw.
Ultimate proposed capacity 400,000 kw.

STATE AUTHORIZATION
Permit No. 818 (Application No. 862) July 1, 1925, allows annual diversion of 2,500 acre-feet of water from Trinity River (increased to 4,000 acre-feet August 15, 1928).

RESERVOIR DATA

Capacity	7,450 acre-feet at elevation 284.5 ft above msl
Area	740 acres at elevation 284.5 ft above msl
Water surface maintained above elevation 284.5 ft above msl by pumping when necessary.	

GENERAL

Construction started	1925
Dam completed	1925
Impoundment of water began	1925
General contractor	Texas Construction Company

