

# Pearblossom Pumping Plant

## PURPOSE

To provide the final lift for surplus Northern California water on its way to Lake Perris the southernmost terminus of the State Water Project.

## PHYSICAL DATA

LIFT 553 feet  
ELEVATION 3,475 feet above sea level at outlet to canal at top  
PUMPS (first phase installation)  
2 - 138 cfs (cubic-foot-second) (62,100 gallons-per-minute each) each with an 11,600 hp motor  
2 - 276 cfs (124,200 gallons-per-second) each with a 22,500 hp motor  
Future Installation  
2 - 276 cfs each with a 22,500 hp motor

## TOTAL DESIGN CAPACITY

1,380 cfs (621,000 gallons-per-minute)

## TOTAL MOTOR REQUIREMENTS

87,000 kw

## TOTAL ESTIMATED ENERGY REQUIREMENT ANNUALLY

574,000,000 kwh

## DISCHARGE LINES

First is completed the second will be built later  
6,200 feet long  
108-inch (inside diameter) prestressed concrete

## COSTS OF CONSTRUCTION

When completed	\$22 million
Presently under way or completed	
Site development	\$1,104,000
Building and associated work	5,581,000
Discharge line	2,017,000
Completion contract	3,382,000
Operation and Maintenance Center	700,000
Equipment and installation	4,250,000

The first contract for work at the site was awarded April 26, 1967.



Aerial view of Pearblossom Pumping Plant that will push northern water into the California Aqueduct at its highest point, 3,475 feet above sea level. From this last 553-foot lift, water will flow by gravity into Silberwood Lake, north of San Bernardino.