

Decision No. 39810

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

In the Matter of the Application of
CALIFORNIA ELECTRIC POWER COMPANY
to change service from 50 to 60 cycles in
the Forest Home and Seven Oaks Service Areas.)

ORIGINAL

Application No. 27979

OPINION AND ORDER

In this application, California Electric Power Company asks that this Commission make its order finding that present and future public convenience and necessity require or will require applicant to change its electric distribution system frequency in its Forest Home and Seven Oaks service areas from an alternating current electric frequency of 50 cycles to 60 cycle service.

This resort area, comprising parts of Ranges 1 E and 1 and 2 W in Townships 1 N and 1 S SBB&M in San Bernardino County, is isolated from the remainder of applicant's electric system. Power to supply the distribution system is received from Southern California Edison Company Ltd. at Mill Creek. Applicant serves 502 domestic and 20 commercial customers in the area.

The electricity supplied by Southern California Edison Company Ltd. has been delivered at an alternating current frequency of 50 cycles for many years. However, Edison has recently been authorized in Application No. 26791⁽¹⁾ to cease furnishing 50 cycle service when, after adapting its own and its customers' equipment, it is able to supply 60 cycle service in lieu thereof. This conversion by Edison was found to be in the public interest after extended study and submission of evidence at public hearings.

The necessity to change the frequency on applicant's distribution system in Forest Home and Seven Oaks, therefore, is a minor consequence of the

Decision Nos. 36090, July 27, 1945; 38336, October 30, 1945; 38707, Feb. 19, 1946; 39289, July 30, 1946; 39381, Sept. 3, 1946; 39645, Nov. 19, 1946.

Edison Company's conversion program. Obviously, applicant's customers are entitled to the same assistance in adapting their appliances for the new frequency as is being offered other electric customers whose supply frequency is being changed by Edison. Conversion procedures and rules governing frequency change have already been developed for use by Edison and applicant will be expected to employ these same procedures and abide by the same rules in so far as applicable in converting its Forest Home area. The actual work, furthermore, must be scheduled to properly coordinate with Edison's conversion time table.

The costs involved are of little consequence, present estimates being less than \$3,000. It would seem reasonable, therefore, that the expense involved should be charged directly to appropriate accounts as incurred.

The Commission having considered the application, being advised in the premises, being of the opinion that a public hearing is not necessary, and finding that public convenience and necessity so require, therefore

IT IS HEREBY ORDERED that California Electric Power Company be and it is hereby authorized and directed as follows:

1. To adapt and convert its own and its customers equipment in the Forest Home - Seven Oaks service area for 60 cycle alternating electric current operation and to cease furnishing 50 cycle service when 60 cycle service may be supplied in lieu thereof.
2. To carry out this conversion in accordance with the procedures contained in the Frequency Change Manual, and Rule and Regulation FC-1 referred to in Decision No. 39381 in so far as applicable.

The effective date of this Order is the date hereof.

Dated at San Francisco, California, this 30th day of December

1946.

Harold K. Kille
Justice F. Calver
Leah St. Russell
R. J. ...
Commissioners