

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

RETURN TO ELECTRIC BRANCH  
TARIFF UNIT

Copy for:

RESOLUTION NO. E-1700

..... Orig. and Copy  
..... to Executive Director

UTILITIES DIVISION  
BRANCH/SECTION: Electric  
DATE: August 23, 1977

R E S O L U T I O N

..... Director  
..... Numerical File  
..... Alphabetical File  
..... Accounting Officer

**SUBJECT:** Order authorizing Southern California Edison Company to file tariffs instituting Domestic Automatic Powershift. This program implements electric load management by selectively disconnecting air conditioners and water heaters in portions of Orange County.

**WHEREAS:** SOUTHERN CALIFORNIA EDISON COMPANY by Advice Letter No. 441-E filed July 7, 1977, requests authority to establish Domestic Automatic Powershift, a program to implement electric load management, to reduce electric load demand and delay the need for additional generating capacity. This will be a mandatory installation of devices to disconnect compressors on air conditioners and to disconnect water heaters, for approximately 13,000 customers. It will be implemented in portions of Orange County including the retirement community of Leisure World and other nearby communities in Laguna Hills area.

Edison considers that this program is in response to the concern of the California Legislature as expressed in Division 1, Part 2, Chapter 4.5 of the Public Utilities Code and is also in compliance with the intent of this Commission as expressed in its Decision 85559 issued March 16, 1976 in Case 9804.

This program, estimated to cost \$2,000,000, was proposed by Edison in Application No. 57111 (conservation offset - Exh. C, p. 32) and the matter is pending before the Commission.

The program will operate by radio/line carrier signals which will cut-off customers' equipment, on a selective basis for a limited period of time, to reduce peak load on Edison without major discomforts to customers.

In addition to the control equipment Edison will install, free of charge, insulation jackets for water heaters and recompense customers at the rate of \$1 per month per connected ton of air conditioning and \$.40 per month for each KW of electric water heating. Marginal costs of additional generation was considered in arriving at these figures. Edison expects that a savings of about 5,000 KW may be obtained from 13,000 customers and each customer may receive a reduction of approximately two to three dollars per month.

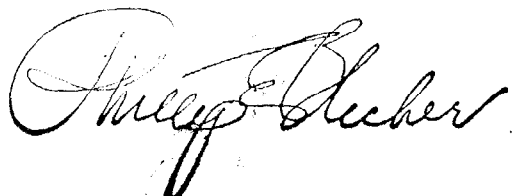
Edison has sent letters, made news and TV releases, and held 21 public meetings, at which 1,200 customers appeared and expressed interest and asked many questions. At these meetings only one customer objected to this program. A letter was received by the Commission from a customer strongly objecting to the "Big Brother" approach of the program. Another letter was received by the Commission from a potential inventor who did not object to the program but believed that his invention will be superior.

In view of energy shortages and the need for conservation, this program is hereby found to be just and reasonable; therefore, good cause appears.

IT IS ORDERED that Cal. P.U.C. Sheets Nos. 4803-E and 4804-E be marked to show that such sheets were issued under Resolution No. E-1700 of the Public Utilities Commission of the State of California to become effective August 23, 1977. The effective date of this resolution is the date hereof.

I hereby certify that the foregoing Resolution was duly introduced, passed and adopted at a regular conference of the Public Utilities Commission of the State of California, held on the 23rd day of August, 1977, the following Commissioners voting favorably thereon:

ROBERT BATINOVICH, President  
WILLIAM SYMONS, JR., VERNON L. STURGEON,  
RICHARD D. GRAVELLE, CLAIRE T. DEDRICK, Commissioners



Executive Director