

## PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

COMMISSION ADVISORY  
AND COMPLIANCE DIVISION  
Energy Branch

RESOLUTION E-3176  
January 24, 1990

**R E S O L U T I O N**

RESOLUTION E-3176. SOUTHERN CALIFORNIA EDISON COMPANY AUTHORIZED TO SIGN AN AGREEMENT WITH CLAREMONT COLLEGES ALLOWING CLAREMONT COLLEGES TO OPERATE A GENERATING FACILITY IN PARALLEL WITH SOUTHERN CALIFORNIA EDISON'S ELECTRICAL SYSTEM SOLELY FOR EDUCATIONAL PURPOSES.

BY ADVICE LETTER 854-E, FILED ON DECEMBER 14, 1989

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**SUMMARY**

1. By Advice Letter 854-E, Southern California Edison Company (Edison) requests approval of an Agreement, entitled Amendment to Contract for Service, Schedule No. I-5, executed October 23, 1989, between Edison and Claremont Colleges (Claremont). The Agreement allows Claremont to operate a 40 kilowatt (kw) generating facility in parallel with Edison's electrical system solely for educational purposes and in the performance of research and development projects in Claremont's School of Engineering.
2. This Resolution approves the Advice Letter.

**BACKGROUND**

1. Claremont is served under Edison's Schedule No. I-5. Special Condition 17 of that Schedule states:

"Auxiliary/Emergency Generation Equipment may be used by a customer to serve that customer's load only during a period of Interruption and only when such loads are isolated from the Company's system. Auxiliary/Emergency Generation Equipment may not be operated in parallel with the Company's system."

2. Edison's Rule 12, Paragraph E contains the following restriction:

"Unless otherwise stated in the rate schedule, the rate schedules of the utility are applicable only for service supplied entirely by the utility without interconnection with any other source of supply."

3. By Resolution 3109-E the Commission approved a similar Agreement that allows Claremont to operate a 60 kw generating facility solely for educational purposes.

#### NOTICE

1. Public notice of this filing was made by mailing copies of the advice letter to other utilities, governmental agencies and to all interested parties who requested such notification. Notice of the advice letter filing was published in the Commission calendar on December 20, 1989.

#### PROTESTS

1. No protests have been received by the Commission Advisory and Compliance Division.

#### DISCUSSION

1. This Agreement deviates from both Edison's Rule 12 and Schedule I-5.

2. Edison believes that because of the size and anticipated special use of the generator for educational purposes, that such operation should be authorized by the Commission.

3. Claremont uses the previously approved 60 kw generator for cogeneration research and development. The new 40 kw unit will be used to study emissions from small package cogeneration units designed for low nitrogen oxide output. It is equipped with special emission control devices that would be impractical to install on the older generator.

4. The Agreement requires Claremont to provide, operate, and maintain protective equipment necessary to protect Edison's employees and the general public.

5. Under the terms of the Agreement, Claremont will not sell or transfer electricity to Edison's system.

6. This filing will not increase or decrease any rate or charge, cause the withdrawal of service, nor conflict with other schedules or rules.

#### FINDINGS

1. The Commission previously authorized a similar agreement between Edison and Claremont.

2. The 40 kw generator would allow Claremont to broaden its study of cogeneration.

3. Edison's request for approval of an Agreement between Edison and Claremont to deviate from Edison's Rule 12 and Schedule No. I-5 is reasonable.

**THEREFORE, IT IS ORDERED that:**

1. Southern California Edison Company is authorized to place Advice Letter 854-E with the attached Agreement into effect today.
2. Advice Letter 854-E shall be marked to show that it was approved by Commission Resolution E-3176.
3. Within 60 days Southern California Edison Company shall file by Advice Letter an updated List of Contracts and Deviations.

I hereby certify that this Resolution was adopted by the Public Utilities Commission at its regular meeting on January 24, 1990. The following Commissioners approved it:

G. MITCHELL WILK  
President  
FREDERICK R. DUDA  
STANLEY W. HULETT  
JOHN B. OHANIAN  
PATRICIA M. ECKERT  
Commissioners



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Acting Executive Director