

ORIGINALDecision No. 44715

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

In the Matter of the Application of SOUTHERN CALIFORNIA EDISON COMPANY for a Certificate that Present and Future Public Convenience and Necessity Require, or will Require, the Construction, Operation and Maintenance by Applicant of an Electric Transmission Line to be known as the Big Creek No. 4 - Magunden Transmission Line, in the Counties of Madera, Fresno, Tulare and Kern, State of California

Application No. 31264

O P I N I O N

Southern California Edison Company, by the above-entitled application filed April 6, 1950, requests a certificate of public convenience and necessity authorizing it to construct, operate, and maintain a new electric transmission line to be known as the Big Creek No. 4 - Magunden Transmission Line. This line is to provide a connection between applicant's Big Creek No. 4 project, now under construction on the San Joaquin River and its Magunden Substation, in Kern County. A map showing the general location of the line in Madera, Fresno, Tulare, and Kern Counties is attached to the application as Exhibit "A."

Applicant plans to acquire rights of way, easements, and necessary lands and erect steel towers, cables, ground wires, transformers; and associated facilities sufficient to transmit electrical energy at a potential of approximately 230,000 volts. The line will approximate 132 miles in length, having 605,000 cm ACSR conductors of 30/19 stranding, and a rated maximum capacity of 200,000 kva.

Applicant's estimates indicate the total cost of the project to be \$4,284,000, segregated as follows:

Land and Land Rights	\$ \$275,000	
Steel Towers and Fixtures	2,425,000	
Overhead Conductors and Devices	1,275,000	
Roads and Trails	<u>130,000</u>	\$4,105,000

Associated Switching Facilities		<u>179,000</u>
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Total Estimated Cost		4,284,000
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Based upon an estimated 2,800,000,000 kwhr of energy transmitted in an average year, reduced by respective estimated losses and after allowing for estimated kwhr saved by reduced transmission losses resulting from addition of the proposed line, the estimated increase in cost of energy from the Big Creek Plants delivered to load centers in Los Angeles is 0.089 mills per kwhr.

Applicant proposes to finance the construction of this project in part from available funds, from the proceeds from additional bank loans, and/or from the sale of additional securities. The nature, amounts, and timing of such additional financing will depend in part upon market conditions existing from time to time.

With respect to the need for this line, applicant has indicated that the existing transmission lines from its Big Creek Plants will be very heavily loaded after completion of the Big Creek No. 4 project and when the load in the San Joaquin Valley is at a minimum, the stability margins of the present lines may not at times be sufficient to carry all of the energy generated by such plants. The proposed line will provide a direct connection to Magunden Substation, increase the capacity and stability margins, provide an alternate line for the transmission of energy generated at the Big Creek No. 4 project, and will also provide an auxiliary line for energy transmission from other Big Creek Plants. Possibility of service interruption will be reduced by the proposed line.

The record before the Commission indicates that the utility has the financial means to install, operate, and maintain the proposed transmission line and its appurtenances. Applicant states that the proposed transmission line will not compete with any other public utilities corporations or persons; therefore, a certificate of public convenience and necessity will be granted to applicant.

The certificate of public convenience and necessity herein-after granted is subject to the following provisions of law:

That the Commission shall have no power to authorize the capitalization of this certificate of public convenience and necessity or the right to own, operate, or enjoy such certificate of public convenience and necessity in excess of the amount (exclusive of any tax or annual charge) actually paid to the State as the consideration for the issuance of such certificate of public convenience and necessity or right.

O R D E R

The Commission having considered the above-entitled application and being of the opinion that a public hearing thereon is not necessary,

IT IS HEREBY FOUND AS A FACT that the present or future public convenience and necessity require or will require the construction, operation, and maintenance of an electric transmission line by Southern California Edison Company between its Big Creek No. 4 project and its Magunden Substation in the area set forth in the map marked as Exhibit "A" in this proceeding; therefore,

IT IS HEREBY ORDERED that a certificate of public convenience and necessity be and it is granted Southern California Edison Company to construct, operate, and maintain a high-voltage

electric transmission line to be known as the Big Creek No. 4 -
Magunden Transmission Line within the area hereinbefore described.

The effective date of this order shall be twenty (20) days
after the date hereof.

Dated at San Francisco, California, this 29th day
of August, 1950.

R. F. [Signature]
Justus J. Coe
[Signature]
[Signature]
[Signature]
Commissioners.