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Decision No. 78891

**ORIGINAL**

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 the present  
and future public convenience and  
necessity require or will require  
the construction and operation by  
applicant of the No. 1 220-kv  
transmission line from Moorpark  
Substation to Pardee Substation

Application No. 52383  
(Filed December 31, 1970)

OPINION AND ORDER

Southern California Edison Company (Edison) seeks an order of the Commission issuing to it a certificate pursuant to General Order No. 131 that the present and future safety, health, comfort, and convenience of the public require or will require the construction, installation, operation and maintenance of a 220-kv transmission line from Moorpark Substation to Pardee Substation.

Pursuant to Section 6 of General Order No. 131, Edison gave proper notice of filing this application to the county and municipal planning commissions through whose jurisdiction the facilities will pass and to the State Highway Engineer by mailing copies of the application to all concerned. In addition, notice was given to the general public by advertisement for two successive weeks in the local newspaper.

No request for a public hearing has been received by the Commission.

Pursuant to Section 5 of General Order No. 131, Edison submitted the following data:

Necessity for Proposed Line

Edison proposes to install the 220-kv Moorpark to Pardee transmission line in order to provide added transmission line capacity

for the output of the Ormond Beach Generating Station. Certificates of public convenience and necessity have been previously granted by this Commission for the construction of Ormond Beach Generating Station Units Nos. 1 and 2 which will ultimately have a total output capacity of 1,580 megawatts of power.

The new line, which will be designated No. 1 - 220-kv Moorpark to Pardee transmission line, will parallel existing Nos. 2 and 3 220-kv Moorpark to Pardee transmission lines and will be constructed in conjunction with the Ormond Beach Generating Unit No. 2 and will be required for service when Unit No. 2 goes into operation on March 1, 1973.

The proposed transmission line will provide an economic, efficient and reliable means for the interconnection of this resource with the Edison system.

#### Location of Proposed Line

A map attached to the application, marked Exhibit B, shows details of the right-of-way including the topography transversed, the location of settled areas and electrical transmission lines within 1 mile of the route.

The route of the proposed transmission line starts at Moorpark Substation and proceeds for approximately 3 miles in a northerly direction through an area of rolling hills used primarily for agriculture. It continues approximately 21 miles in a northeasterly direction, traversing fairly rugged mountains and small valleys which are used for cattle grazing. It then crosses the Golden State Freeway near the turnoff to Saugus-Ventura Road and is adjacent to an 18-hole golf course in the vicinity of Edison's Saugus Substation. The last 2 miles of the route extends in a northwesterly direction and is located approximately half a mile east and parallel to the Golden State Freeway. This section of the route traverses flat areas used primarily for farming and terminates at Edison's Pardee Substation, which is scheduled to go into operation in June of 1971.

The route selected for the proposed transmission line is parallel and adjacent to the existing Nos. 2 and 3 Moorpark-Pardee transmission lines.

The proposed transmission lines consist of approximately 20 miles of lattice tower line and 6 miles of portal tower line. The portal structures will be installed in locations to conform with tower designs currently being installed on this right-of-way.

#### Description and Cost of Proposed Line

A description of the proposed transmission lines and the estimated cost is as follows:

1. Line Length	26 miles
2. Width of Right-of-Way	Varies 210' to 320'
3. Type Conductor	Aluminum Cable Steel Reinforced
4. Size of Conductor	1590 MCM, 45 x 7
5. Conductor Configuration	Two conductor bundle per phase
6. Capacity (thermal)	3,070-Amps
7. Voltage	220-kv
8. Type of Structure (a)	Lattice - type, self-supporting, four-legged, double-circuit steel towers (20 miles of line)
(b)	Portal - type, self-supporting, two-legged, double-circuit, steel structures (6 miles of line)
9. Height of Structures	113' to 180'
10. Estimated Cost	\$5,970,000

#### Selection of Proposed Route

The route for the proposed line was selected because the construction parallels the existing Moorpark to Pardee transmission lines Nos. 2 and 3 and is more efficient than any alternative.

Applicant states that any other alternative route would be longer, would require a new right-of-way, more towers, and a longer period of construction and would pass through areas where no transmission facilities presently exist.

Estimated Schedules

The right-of-way for the proposed line has previously been acquired. The estimated schedule for construction of the line is as follows:

Procurement of Material	- December 1, 1970
Start of Foundations and Roads	- January 1, 1972
Start of Tower Erection	- June 1, 1972
Start of Conductor Stringing	- September 1, 1972
Operating Date	- March 1, 1973

In order to meet this schedule, the applicant respectfully requests that the Commission grant its authorization not later than twelve months from the date of filing of this application.

Governmental Agency Review

The proposed route has been reviewed with the Counties of Ventura and Los Angeles. Each governmental agency provided a brief written statement attached to the application marked Exhibit C. Subject to the condition that Edison submit its plans for review and coordinate the placement of its facilities with local governmental agencies, no objection to the placement of the lines was found.

Other Reviews

Edison will file its notice of proposed construction of the No. 1 Moorpark-Pardee line with the Federal Aviation Administration (FAA) in the near future. Based on the applicable criteria and the previous determination made by the FAA in connection with the construction of the Nos. 2 and 3 Moorpark-Pardee transmission lines, it is Edison's belief that it will similarly determine that construction of the No. 1 Moorpark-Pardee line would have no adverse effect upon the safe and efficient use of navigable airspace and would not be a hazard to air navigation. The State Department of Public Works reviewed the proposed application and does not object to the proposed lines provided proposed location and clearance are maintained.

Finding

The Commission finds that:

1. The construction, installation, operation and maintenance of a 220-kv transmission line, referred to as the Moorpark-Pardee No. 1 transmission line, and as described in this application, are reasonably required to meet area demands for present and future reliable and economic electric service.

2. The construction and operation of the Moorpark-Pardee No. 1 220-kv transmission line will not produce an unreasonable burden on the natural resources, aesthetics of the area where the lines are located, public health and safety, air and water quality in the vicinity, or parks, recreation areas, scenic areas, historic sites and buildings, or archeological sites.

3. Applicant's proposal is in the public interest, that public convenience and necessity now require and will require the construction of a 220-kv transmission line described in this application, that a public hearing is not necessary, and that a certificate should be issued.

The certificate herein granted shall be subject to the following provision of law:

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.

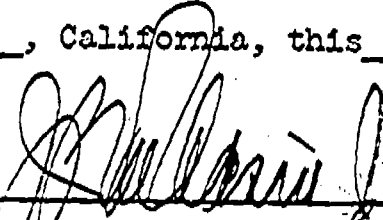
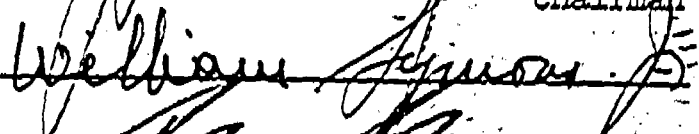



The action taken herein is for the issuance of a certificate of public convenience and necessity only and is not to be considered as indicative of amounts to be included in a future proceeding for the purpose of determining just and reasonable rates.

IT IS ORDERED that a certificate of public convenience and necessity is granted to Southern California Edison Company to construct, operate, maintain and use a 220-kv transmission line as described in the application.

The authorization herein granted shall expire if not exercised within three years from the date hereof.

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

Dated at San Francisco, California, this 10th day of AUGUST, 1971.

  
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Chairman  
  
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Commissioners