

ORIGINAL

Decision No. 798

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BEFORE THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA.

In the Matter of the Application of PACIFIC GAS AND ELECTRIC COMPANY, a corporation, for a certificate that public convenience and necessity require the construction of additional power plants on an extension of Bear River Canal and a transmission line from Power Development No. 5 on Bear River Canal to Nicolaus.

Application No. 563.

Charles P. Cutten and William B. Bosley for applicant.

THELEN, Commissioner.

O P I N I O N.

This Commission heretofore in Application No. 69, by its order dated July 3, 1912, found that the present and future public convenience and necessity require the construction by Pacific Gas and Electric Company of two hydro-electric plants, with reservoirs, dams, conduits, ditches, flumes and appurtenances, on and near Bear River, in connection with what is known as the Lake Spaulding Development of Pacific Gas and Electric Company, and the construction of an electrical transmission line from said plants to a point in Solano county opposite Crockett, in Contra Costa county.

Pacific Gas and Electric Company now asks for a certificate that public convenience and necessity require the construction of three additional hydro-electric power plants in connection with the Lake Spaulding Development, to be known as Development No. 4, No. 5 and No. 6, on an extension of the Bear River Canal and the construction of a transmission line from Power Development No. 5 to Nicolaus. The hydro-electric power plant and appurtenances known as Development No. 4 is to be constructed near Clipper Cap and is to cost \$578,500. The Development No. 5 is to be constructed near Auburn and is to cost \$1,118,000. Development No. 6 is to be con-

structed below Newcastle and is to cost \$602,000. The transmission line from Development No. 5 to Nicolaus is to cost \$97,500.

The total expenditure for these four items is to be \$2,396,000.

Applicant states that the construction of these three power houses, with appurtenances, is a portion of the original Lake Spaulding Development plan and that the construction thereof is necessary to take care of its growing business, to take the place of a portion of applicant's electric energy now generated by steam and to take the place of certain hydro-electric energy now purchased by applicant from other companies.

Applicant intends to transmit waters from Lake Spaulding, in Nevada county, California, through what is known as the Drum Canal, to what is known as the Drum Power House, located on Bear River. After the water has been used in connection with this power house, it is to be taken down the Bear River to what is known as the Bear River Canal. The capacity of this canal has been enlarged by applicant from 50 cubic feet per second to 350 cubic feet per second. The water will thence be conveyed through said canal to Developments numbers 4, 5 and 6 in turn, and will thereafter be utilized for irrigating lands in Placer county, the larger part of which are not now being irrigated. At Development No. 4 there will be an installation of 10,000 kilowatts, at Development No. 5 an installation of 15,000 kilowatts and at Development No. 6, an installation of 10,000 kilowatts. The total average kilowatt capacity for these developments, as alleged by applicant, will be 26,000 kilowatts. The electric energy to be developed by Power Development No. 4 will be transmitted over the existing transmission line to the city of Sacramento. The electric energy to be developed in Developments No's 5 and 6 will be transmitted over the proposed new transmission line from Power Development No. 5 to Nicolaus, at which point a connection will be made with the transmission line from the Drum Power House to applicant's North Tower Station in Solano county, opposite Crockett, in Contra Costa County.

Applicant has hitherto received the necessary franchises for the construction of the transmission line. It is ^{not} intended to distribute any energy from this line.

I find that public convenience and necessity require the construction of the power developments and transmission line hereinbefore referred to and recommend that the application be granted.

I submit herewith the following form of order:

O R D E R.

PACIFIC GAS AND ELECTRIC COMPANY having filed with this Commission its application for a certificate that public convenience and necessity require the construction of three additional hydro-electric power plants on an extension of Bear River Canal and of a transmission line from Power Development No. 5 on the Bear River Canal to Nicolaus, as appears in greater detail in the opinion which precedes this order, and a public hearing having been held on said application,

THE COMMISSION HEREBY DECLARES that the present and future public convenience and necessity require and will require such construction.

The foregoing opinion and order are hereby approved and ordered filed as the opinion and order of the Railroad Commission of the State of California.

Dated at San Francisco, California, this 19th day of July, 1913.

John W. Ashburn

W. G. Gordon

W. G. Gordon

Flora Shelton

Edwin O. Edleston

Commissioners