

74 FERC 162,010

**UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION**

East Bay Municipal Utility
District

Project No. 2916-022
California

ORDER APPROVING REVISED EXHIBIT A AND REVISING ANNUAL CHARGES

JAN 17 1996

On October 5, 1995, and supplemented on December 14, 1995, the East Bay Municipal Utility District, licensee for the Lower Mokelumne River Project, FERC No. 2916, filed a revised exhibit A for the Commission's approval. The filing, which describes the actual turbine and generator ratings, was made following an August 24, 1995, operation inspection conducted by the Commission's San Francisco Regional Office.

The filing:

The licensee stated that the reason for filing a revised exhibit A is to accurately document the actual ratings of the turbine and generator as are shown on the nameplates. The licensee indicated that the nameplate ratings of unit no. 3 of the Pardee Dam Powerplant and all three units at Camanche Dam Powerplant are expressed in kVA. With a power factor of 0.95, the ratings of the generator units can be calculated. The licensee also mentioned that there has been no physical change in the project's capacity for generation of electric energy or release of water.

The following tables show the pertinent data regarding the project's two powerplants:

PARDEE Dam Powerplant				
	EXISTING FERC LICENSE		PRESENTLY INSTALLED	
Unit No.	Turbine (hp)	Generator (kW)	Turbine (hp)	Generator (kW)
1	13,600	9,375	13,600	7,500
2	13,600	9,375	13,600	7,500
3	13,800	10,410	14,500	8,598
TOTAL	41,000	29,160	41,700	23,598
CAMANCHE Dam Powerplant				
	EXISTING FERC LICENSE		PRESENTLY INSTALLED	
Unit No.	Turbine (hp)	Generator (kW)	Turbine (hp)	Generator (kW)
1	4,775	3,750	4,200	3,563
2	4,775	3,750	4,200	3,563
3	4,775	3,750	4,200	3,563
TOTAL	14,325	11,250	12,600	10,689

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Discussion:

In our review, we found that the nameplate capacity of the units did change at the Lower Mokelumne River Project. Currently, the Project has a total capacity of 33,048 kW. The license¹ authorized the Project with the total capacity of 40,410 kW. Therefore, the project's description should be amended to reflect the as-built condition.

On March 15, 1995, the Commission adopted a new rulemaking² regarding annual charges. The Commission's regulations at 18 CFR Subpart A Section 11.1, define a project's authorized installed capacity based on the lesser of the capacity of the generator or the turbine expressed in kilowatts. This change reflects modern usage in the rating of equipment used in hydropower projects. Accordingly, the authorized installed capacity for the Lower Mokelumne River Project should be expressed in kilowatts.

In article 41 (a) of the license, the annual charges were based on the authorized installed capacity of a combined generator nameplate capacity of 40,410 kW. The revised annual charges will be based on 33,048 kW (a combined total of generator ratings of 23,598 kW and turbine ratings of 9,450 kW³ (12,600 horsepower) at the Pardee Dam Powerplant and the Camanche Dam Powerplant respectively) effective the first day of the month in which this order is issued. The turbine ratings are the limiting factor in energy production at the Camanche Dam Powerplant and the generator ratings are the limiting factor at the Pardee Dam Powerplant.

Amending the license as described in the application would not require any ground disturbing activities or changes to how the project currently operates. The issuance of this order is necessary to revise the project's description to reflect the as-built condition of the project and the annual charges. The revised exhibit A conforms to the Commission's Rules and Regulations.

¹ 67 FERC ¶62,010, Order Approving Revised Exhibit A and Revising Annual Charges, April 1, 1994.

² See Order No. 576 entitled Charges and Fees for Hydroelectric Projects, Docket No. RM93-7-000.

³ For annual charges purposes, installed capacity measured in horsepower is converted to kilowatts by multiplying by 3/4.

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The Director orders:

(A) The revised exhibit A filed on October 5, 1995, and supplemented on December 14, 1995, is approved and made a part of the license superseding the current exhibit A.

(B) The project description in the ordering paragraph B (2) of the license is amended, in part, to read as follows:

(2) Project works consisting of: "...; (4) the Pardee Reservoir with gross storage capacity of 209,950 acre-feet at pool elevation of 567.65 feet; (5) an existing powerhouse located at the base of the Pardee Dam and presently containing two 13,600 horsepower turbines driving two 7,500 kW generators, and a proposed 14,500 horsepower turbine driving a 8,598 kW generator;...;(8) the Camanche Reservoir with gross storage capacity of 417,120 acre-feet at pool elevation of 235.50 feet; (9) a powerhouse, to be constructed at the base of the Camanche Dam, containing three 4,200 horsepower (3,150 kW) turbines driving three 3,563 kW generators;..."

(C) Article 41 of the license is revised to read as follows:

The Licensee shall pay the United States the following annual charges:

(a) For the purpose of reimbursing the United States for the cost of administration of part I of the Act, a reasonable amount as determined in accordance with the provisions of the Commission's regulations in effect from time to time. The authorized installed capacity for that purpose is 33,048 kW effective the first day of the month in which this order is issued.

(D) This order constitutes final agency action. Requests for rehearing by the Commission may be filed within 30 days of the date of issuance of this order, pursuant to 18 C.F.R. §385.713.


J. Mark Robinson
Director, Division of Project
Compliance and Administration