

97 FERC ¶ 62, 137
UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Consolidated Edison Energy, Inc.

Project Nos. 10675-012
10676-013, 10677-013
10678-016

ORDER AMENDING EXEMPTIONS

(Issued November 08, 2001)

On September 13, 2000, and supplemented on June 1, 2001, Consolidated Edison Energy, Inc., (CEEI) exemptee for the Chicopee River projects, FERC Nos. 10675 (Dwight), 10676 (Red Bridge), 10677 (Putts Bridge), and 10678 (Indian Orchard), filed documentation regarding the generating units installed at their projects. CEEI submitted the filing in accordance with ordering paragraph (D) of the Order Amending Exemptions issued on December 29, 1999.¹ The projects are located on the Chicopee River in Hampden and Hampshire Counties, Massachusetts.

BACKGROUND

On December 29, 1999, the Commission approved a Development Plan to amend the installed capacity at each of the four Chicopee River Projects. In the Plan, CEEI proposed miscellaneous upgrades or modifications to increase the installed capacity at each of the projects, as shown in Table 1.

Table 1				
FERC PROJECT No.	UNIT No.	GENERATOR (KW)	TURBINE RATING (HP)	TOTAL PROPOSED CAPACITY RATING (KW)
10675	2, 3, & 4	3@ 633	3@ 650	1,899
10676	3 & 4	2@ 2,315	2@ 3,000	4,630
10677	2 & 3	2@ 2,050	2@ 2,600	4,100
10678	3	1,500	2,080	1,500

¹ See, 89 FERC ¶ 62,256.

FERC PROJECT No.	UNIT No.	GENERATOR (KW)	TURBINE RATING (HP)	TOTAL PROPOSED CAPACITY RATING (KW)
10678	4	2,200	3,000	2,200
TOTAL	9	14,329	18,230	14,329

Ordering paragraph (D) of the order required CEEI to install new generator nameplates on the units at all four projects to indicate their new capacities. The order also required CEEI to file with the Commission photographs of new nameplates for verification.

REVIEW

In the September 13, 2000, filing CEEI provided information regarding the as-built generator capacity of the units installed at Dwight, Red Bridge and Putts Bridge projects. In the filing, CEEI indicated that new transformers fans were installed at the Putts Bridge and Red Bridge projects, and included photo documentation of new generator nameplates for the three projects. In the supplemental filing of June 29, 2001, CEEI indicated that a new runner assembly and a new turbine nameplate was installed for the Indian Orchard Unit # 3, and included photo documentation of the unit. The new turbine and generator ratings for the four projects are indicated in table 2.

PROJECT NAME & FERC No.	UNIT #	Turbine		Generator		Limiting Unit Capacity	Installed Capacity (kW) ¹
		HP	kW	KVA Rating and Power Factor	kW		
Dwight (10675)	2	650	488	672.5 @ 0.8	538	488	1,464
	3	650	488	714.3 @ 0.8	571	488	
	4	650	488	796.8 @ 0.8	637	488	
Red Bridge (10676)	3	3,000	2,250	2,815 @ 0.8	2,252	2,250	4,500
	4	3,000	2,250	2,963 @ 0.8	2,370	2,250	
Putts Bridge (10677)	2	2,600	1,950	3,032 @ 0.8	2,426	1,950	3,900
	3	2,600	1,950	2,851 @ 0.8	2,281	1,950	

Table 2							
PROJECT NAME & FERC No.	UNIT #	Turbine		Generator		Limiting Unit Capacity	Installed Capacity (kW) ¹
		HP	kW	KVA Rating and Power Factor	kW		
Indian Orchard (10678)	3	2,100	1,575	1,875 @ 0.8	1,500	1,500	3,700
	4	3,000	2,250	2,750 @ 0.8	2,200	2,200	
The installed capacity is based on the lesser of ratings of the turbine or generator units. The turbine's rating in HP is multiplied by 3/4 to convert to kW. The KVA rating is multiplied by Power Factor to convert to kW.							

In our review of the installed capacity for each project, we found that the turbine is the limiting factor for power production for the Dwight, Red Bridge, and Putts Bridge projects, and the generator is the limiting factor for the Indian Orchard Project. According to the Commission's Final Rule on Charges and Fees for Hydroelectric Projects, the projects exempted before March 21, 1995 are not subject to annual charges.² The four projects were originally exempted on September 11, 1992.³ Therefore, this order is solely to revise the project description on each of the four exemptions to reflect their as-built capacities. This order does not revise the installed capacity of the exemptions for annual charges purposes. The total installed capacity of each exemption will be revised as shown in the above table.

The Director orders:

(A) The exemption for the Chicopee River projects, FERC Nos. 10675, 10676, 10677, and 10678, is amended as provided by this order, effective the first day of the month in which this order is issued.

(B) The project description for each of the four exemptions is revised, in part, to read:

² FERC Order 576, issued March 15, 1995, with an effective date of April 21, 1995, 60 FR 15040.

³ See, 60 FERC ¶ 62,195, 62,196, 72,197, 62,198, Order Granting Exemption From Licensing (5MW or Less).

Dwight Project (FERC No. 10675)

Description of Project: ". . . ; (5) a powerhouse containing three generating units, with a total installed capacity of 1,464 kW . . . "

Red Bridge Project (FERC No. 10676)

Description of Project: ". . . ; (5) a powerhouse containing two generating units, with a total installed capacity of 4,500 kW . . . "

Putts Bridge Project (FERC No. 10677)

Description of Project: ". . . ; (4) a powerhouse containing two generating units, with a total installed capacity of 3,900 KW. . . "

Indian Orchard Project (FERC No. 10678)

Description of Project ". . . ; (5) a powerhouse containing two generating units with a total installed capacity of 3,700 KW . . . "

(C) This order constitutes final agency action. Requests for a 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.

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