

UNITED STATES OF AMERICA  
BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION

**DRAFT APPLICATION FOR NEW LICENSE FOR MAJOR PROJECT – EXISTING DAM**

**BLenheim-GILBOA PUMPED STORAGE POWER PROJECT**

**FERC PROJECT No. 2685**

**EXHIBIT F**  
**GENERAL DESIGN DRAWINGS AND SUPPORTING DESIGN REPORT**

December 2016

©Copyright 2016. New York Power Authority. All Rights Reserved



**NY Power  
Authority**

## Table of Contents

1 List of General Design Drawings for Existing Features ..... 1

## List of Tables

Table 1-1: List of Exhibit F Drawings ..... 1

## List of Drawings

Drawing F-1 of F-13 ..... 2  
Drawing F-2 of F-13 ..... 3  
Drawing F-3 of F-13 ..... 4  
Drawing F-4 of F-13 ..... 5  
Drawing F-5 of F-13 ..... 6  
Drawing F-6 of F-13 ..... 7  
Drawing F-7 of F-13 ..... 8  
Drawing F-8 of F-13 ..... 9  
Drawing F-9 of F-13 ..... 10  
Drawing F-10 of F-13 ..... 11  
Drawing F-11 of F-13 ..... 12  
Drawing F-12 of F-13 ..... 13  
Drawing F-13 of F-13 ..... 14

## 1 List of General Design Drawings for Existing Features

General design drawings of the of the Blenheim-Gilboa Pumped Storage Project (Project) described in Exhibit A are provided in Sheets 1 through 13 of Exhibit F. The drawings include plans views, elevations, profiles and sections in accordance with the requirements of Section 4.41(g)(1) of the Commission's regulations.

In accordance with 18 CFR Part 388, the Power Authority is requesting that the General Design Drawings for the Project be given privileged treatment because the drawings contain Critical Energy Infrastructure Information (CEII). This request for privileged treatment is being made to the Commission in accordance with the Commission's regulations. Therefore, in conjunction with filing this License Application, Exhibit F General Design Drawings listed below are being filed with the Commission in Volume II of this application under separate cover.

The Power Authority is requesting a waiver of the requirement to submit a supporting design report. The Project is already subject to FERC Part 12 Dam Safety regulations. In addition, supporting design reports are currently on file with the Commission's Division of Dam Safety and Inspections in the New York Regional Office.

**Table 1-1: List of Exhibit F Drawings**

<b>Drawing No.</b>	<b>Title</b>
<b>F-1</b>	Plan – Blenheim Gilboa Pumped Storage Development
<b>F-2</b>	Upper Reservoir Plan
<b>F-3</b>	Upper Reservoir Dike Sections
<b>F-4</b>	Upper Reservoir Emergency Spillway
<b>F-5</b>	Lower Reservoir Plan
<b>F-6</b>	Lower Dam Profile and Sections
<b>F-7</b>	Lower Reservoir Spillway
<b>F-8</b>	Low Level Outlet
<b>F-9</b>	Intake, Vertical Shaft, and Power Tunnel
<b>F-10</b>	Manifold and Penstocks
<b>F-11</b>	Powerhouse Plan
<b>F-12</b>	Powerhouse Elevation
<b>F-13</b>	Powerhouse Section

Drawings of the general design and principal project works for the Blenheim-Gilboa Pumped Storage Power Project are classified as Critical Energy Infrastructure Information (CEII) pursuant to 18 C.F.R. § 388.112. Each of these drawings is marked as CEII and are provided only in the non-public filing of Exhibit F.