

UNITED STATES OF AMERICA
BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION

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

**EXHIBIT C – CONSTRUCTION
HISTORY / PROPOSED
CONSTRUCTION**

Prepared by:



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**GREGORY B. JARVIS PROJECT
RELICENSING**

FERC NO. 3211



**NY Power
Authority**

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1 Introduction

The Hinckley (Gregory B. Jarvis) Hydroelectric Project (Project) is located on West Canada Creek, a tributary to the Mohawk River, approximately ½ mile upstream of the Hamlet of Hinckley in the Towns of Remsen, Russia, Ohio, and Trenton, in the counties of Oneida and Herkimer, New York. The Project is owned and operated by the Power Authority of the State of New York (d/b/a “New York Power Authority” and referred to as “the Power Authority”).

This exhibit is required under the Federal Energy Regulatory Commission (FERC) regulations which can be found in Title 18 of the Code of Federal Regulations (CFR) Section 4.51(b). The information provided herein covers the specifics prescribed for Exhibit C and serves the purpose of providing the construction history of the Project.

2 Construction History (18 CFR Section 4.51(d)(1))

2.1 Original Construction and Modifications

The New York State Department of Public Works commenced construction of Hinckley Dam in April 1911. The work was completed on September 14, 1915. In 1983, the Power Authority began construction of a new powerhouse at the non-overflow structure just to the north (right) of the spillway. As part of this effort, the spillway and non-overflow intake structure were reinforced with multi-strand post-tensioned anchors to improve stability. The Power Authority completed construction of the Jarvis Project in 1984.

In 1985, a filter berm was constructed along the downstream toe of the south embankment. In 1987, the Power Authority began construction modifications to the north and south embankments designed to increase the stability for earthquake loading and to reduce the potential for seismic deformations. Additional modifications to the upstream slopes of the south embankment were completed between November 1988 and January 1989.

Following a failure in 2012, the Power Authority rebuilt Jarvis Unit No. 2 in 2016. The Power Authority then rebuilt Jarvis Unit No. 1 in 2018. [Table 2.1-1](#) provides a chronology of Project construction and modifications.

Table 2.1-1. Chronology of the Hinckley (Gregory B. Jarvis) Hydroelectric Project Construction and Modifications

Event	Date
Construction of Hinckley Dam	1911-1915
Construction of Jarvis Project	1983-1984
Reinforce spillway and non-overflow intake structure to improve stability	1983
Construct filter berm along downstream toe	1985
Modifications to north and south embankments	1987
Additional modifications to south embankment	1988-1989
Jarvis Unit No. 2 Rebuild	2016
Jarvis Unit No. 1 Rebuild	2018

2.2 Project Schedule for New Development (18 CFR Section 4.51(d)(2))

The Power Authority does not propose any new development for the Project at this time.