

EXHIBIT D

STATEMENT OF PROJECT COST AND FINANCING

NORTHERN ILLINOIS HYDROPOWER, LLC

**BRANDON ROAD HYDROELECTRIC PROJECT
(FERC No. 12717)**

**APPLICATION FOR LICENSE
FOR MAJOR PROJECT - EXISTING DAM**

**EXHIBIT D
STATEMENT OF PROJECT COST AND FINANCING**

1. If the application is for an initial license, a tabulated statement providing the actual or approximate original cost (approximate costs must be identified as such) of:

- (i) Any land or water right necessary to the existing project;

The applicant estimates the cost to acquire the land and water rights for the proposed Project, which include development of contractual agreements with the U.S. Army Corps of Engineers (ACOE) and the State of Illinois costs, at approximately \$30,000.

- (ii) Each existing structure and facility described under paragraph (b) of this section (Exhibit A).

The ACOE constructed the existing Brandon Road Lock and Dam. The original cost of the dam is not available.

2. If the applicant is a licensee applying for a new license, and is not a municipality or a state, an estimate of the amount which would be payable if the project were to be taken over pursuant to section 14 of the Federal Power Act upon expiration of the license in effect [see 16 U.S.C. 807], including:

The Applicant is applying for an Initial License.

3. If the application includes proposals for any new development, a statement of estimated costs, including:

- (i) The cost of any land or water rights necessary to the new development;

The applicant estimates the cost to acquire the land and water rights for the proposed Project, which include development of contractual agreements with the U.S. Army Corps of Engineers (ACOE) and the State of Illinois costs, at approximately \$30,000.

- (ii) The cost of the new development work, with a specification of:

- a) Total cost of each major item;

FERC Account No.	Title	Estimated Cost
331	Structures and Improvements	\$5,046,000
332	Dams and Waterways	\$2,903,000
333	Turbine Generator	\$15,732,000
334	Accessory Electrical	\$254,000
335	Power Plant Equipment	\$551,000
336	Site Work	\$184,000
353	Electrical Equipment	\$541,000
	Licensing and Permitting	\$163,000
	Subtotal	\$25,374,000
	Total Engineering Design, Engineering and Construction Monitoring (12%)	\$3,045,000
	General Contractors General Requirements (10% x Subtotal)	\$2,537,000
	Contingency (approximately 25% of Subtotal)	\$6,344,000
	Summary of Cost	\$37,300,000

- b) Indirect construction costs such as costs of construction equipment, camps, and commissaries;

N/A

- c) Interest during construction; and

The Applicant has yet to determine interest during construction; an estimate will be provided in the final license application.

- d) Overhead, construction, legal expenses, taxes, administrative and general expenses, and contingencies.

The Applicant has yet to determine these costs; an estimate will be provided in the final license application.

- 4. A statement of the estimated average annual cost of the total project as proposed specifying any projected changes in the costs (life-cycle costs) over the estimated financing or licensing period if the applicant takes such changes into account, including:

The Applicant bases estimated average annual cost on current costs, with no assumptions concerning future escalation or de-escalation. The estimated annual cost over the life of a 30-year license will be \$1,250,000. All costs described below are in 2009 dollars.

The estimated annual cost of the Brandon Road Hydroelectric Project including operation and maintenance, annual Administration and Overhead expenses, and insurance costs is \$250,000. These costs are based on estimates developed by Applicant.

The Applicant anticipates requirements to meet the State of Illinois anti-degradation requirements and standards for dissolved oxygen. To accommodate equipment and operations for maintaining water quality standards, the Applicant anticipates additional engineering costs at \$300,000, increased equipment costs estimated at approximately \$1,000,000 (\$ 500,000 per unit), and efficiency reductions in operations of approximately 4% of the gross generation.

- 5. A statement of the estimated annual value of project power, based on a showing of the contract price for sale of power or the estimated average annual cost of obtaining an equivalent amount of power (capacity and energy) from the lowest cost alternative source, specifying any projected changes in the cost of power from that source over the estimated financing or licensing period if the applicant takes such changes into account.

At the time of this Draft License Application, the Applicant has not completed any power sales agreements. Regional PJM values indicate the power values between \$46/MWh

and \$110/MWH. An estimate for the total annual dollar value of the generation will be provided in the final license application.

6. A statement specifying the sources and extent of financing and annual revenues available to the applicant to meet the costs identified in paragraphs (e) (3) and (4) of this section.

The Applicant will use private financing and investments to meet the identified costs. The Applicant will secure financing by future power sales.

7. An estimate of the cost to develop the license application;

The Applicant estimates the cost of developing the license application outside of the necessary engineering analyses and exclusive of any environmental studies at approximately \$125,000.

8. The on-peak and off-peak values of project power, and the basis for estimating the values, for projects which are proposed to operate in a mode other than run-of-river; and

The Applicant proposes to operate the Project as run-of-river.

9. The estimated average annual increase or decrease in project generation, and the estimated average annual increase or decrease of the value of project power, due to a change in project operations (*i.e.*, minimum bypass flows; limits on reservoir fluctuations).

The Applicant anticipates that approximately 4% of the potential generation (or 2,360 MWh per year) from the proposed Project will be lost due to requirements to augment dissolved oxygen concentrations downstream of the dam (see Exhibit E Section 2.2.2).