



FPL Energy

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FEDERAL ENERGY
REGULATORY COMMISSION

September 8, 2004

Ms. Magalie R Salas, Secretary
Federal Energy Regulatory Commission
888 First Street
Washington, DC 20426

041

**FERC PROJECT: #2142-031 DESKTOP REVIEW STUDY PLAN FOR FISHERIES
ENHANCEMENTS AT THE INDIAN POND PROJECT**

Dear Ms. Salas:

In compliance with Section 3.3.2.1 of the Indian Pond Settlement Agreement, FPL Energy is submitting the final study plan for a Desktop Review for Fisheries Enhancement at the Indian Pond Project. Most of the guidelines for this plan were formulated in 1999 during the relicensing process. All of the participating members from 1999 are still involved at this time. On August 26, 2004 FPL Energy hosted a working Committee meeting and the details of this plan were finalized. All Committee members were represented and the plan was approved by consensus.

If you have any questions, please contact Bill Hanson at 207-795-1342 ext. 237.

Sincerely,

Christopher R. Shaw
General Manager Maine Generation

- Cc: Forrest Bonney, MDIFW
- Joe Christopher, The Forks Chamber of Commerce
- Paul Johnson, MDIFW
- Jim Lentz, ME Trout
- Larry Miller, USFWS
- Jeff Reardon, TU
- Steve Timpano, MDIFW

**CERTIFICATE OF SERVICE
DESKTOP REVIEW STUDY PLAN FOR FISHERIES
ENHANCEMENTS AT THE INDIAN POND PROJECT
(FERC No. 2142-031)**

I, Douglas Whittier, Production Manager for FPL Energy, hereby certify that copies of the foregoing have been transmitted to the following parties of record:

Eight Copies

Federal Express, postage paid to:

Ms. Magalie R. Salas, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

One copy,

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Three Rivers Whitewater
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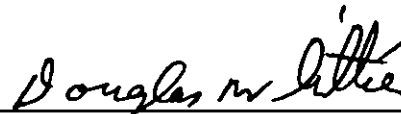
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Mr. Steve Timpano
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41 State House Station
Augusta, ME 04333



Douglas Whittier

9/8/04

Date



FPL Energy

**Desktop Review Study Plan
For Fisheries Enhancements At The
Indian Pond Project**

(FERC NO. 2142-031)

Prepared By:
FPL Energy

September 8, 2004

1.0 INTRODUCTION:

This plan describes the desktop review plan of the fisheries enhancement projects pursuant to Section 3.3.3.1 of the Indian Pond Project Settlement Offer dated July 25, 2001. The license for the Indian Pond Project was issued on January 14, 2004 and requires a final desktop review plan be submitted to FERC by September 14, 2004.

2.0 BACKGROUND:

Study Area

The study area includes:

- The main stem of the Kennebec River and all tributaries entering the Kennebec from Harris Dam to the upstream end of Wyman Lake;
- The main stem of the Dead River and all tributaries entering the Dead River from Grand Falls to The Forks;
- Spencer Stream from Spencer Gut to the Dead River; and
- Little Spencer Stream from the outlet of Spencer Lake to the Dead River.

3. PURPOSE:

Section 3.3.2.1 of the Indian Pond Settlement Offer reads as follows:

A. *"In consultation with other members of the Committee, Licensee shall develop a study plan for a desktop review of the Selected Area consistent with the criteria outlined in the Proposed Assessment and Monitoring Schedule Kennebec/Dead Rivers. The purpose of the desktop review is to identify and geomorphically characterize those tributaries or mainstem segments within the Selected Area that may contain degraded habitat. The study plan shall identify methodologies, techniques, tasks, and manpower requirements (from Licensee and other members of the Committee) needed to complete the desktop review."*

B. *"Licensee shall file the study plan with FERC, for its approval, within six months of issuance of an Acceptable New License for the Project. In the event that the Committee did not reach consensus on the study plan as set forth in Appendix 1, Licensee shall include in the filing with FERC the comments of other Committee members and Licensee's responses to those comments and an explanation why Licensee did not incorporate those comments in the study plan."*

4. TECHNIQUES:

Develop Study Plan For A Desktop Review of the Study Area

- A "desktop review", conducted prior to the implementation of field analysis, should include most or all of the following information:
 - 1) Watershed history including log-driving history, location of driving dams, streamside landings (staging areas), roads and crossings (including history of maintenance), cutting history, and old aerial photos. Existing information will be provided by FPLE and MDIFW. Additional information will be obtained from commercial paper companies, historical societies, and interviews with residents with extensive local and historical knowledge. (Ed Webb and Olen Wing.)
 - 2) Existing biological information (from Strong office, IF&W and FPLE).
 - 3) Location of present-day roads, crossings, and access sites (updated maps).
 - 4) Preliminary Level I stream type delineation from topo maps and aerial photos. Level I methodologies will follow the steps outlined in the text *Applied River Morphology - Dave Rosgen -second edition* or other acceptable methods as approved by the Committee. Level I

delineations will be conducted by individuals with *Rosgen level 1* training or equivalent (to be conducted by MDIFW and FPLE).

- 5) Drainage features including area, length, relief ratio, surface storage, density, shape, main channel slope and known barriers to fish access (to be conducted by MDIFW and FPLE).
- 6) Stream order (from topos by FPLE and MDIFW).

5. MANPOWER:

The primary tasks (1-6), of the desktop review will be conducted by FPLE and their consultants with assistance and oversight from MDIFW. The manpower needs for the initial mapping and data gathering will be the responsibility of FPLE and MDIFW. Mitigation funds will not be used for these tasks.

Once all of the initial data is gathered, the Committee may chose to use mitigation funds to develop an expanded database and produce additional mapping capabilities (i.e. GIS). This will be decided after consultation with all Committee members.

6. CONSULTATION:

A consultation meeting to discuss and develop the plan was held on August 26, 2004. All committee members were represented.

Members present:

FPL Energy (FPLE)
Maine Trout (ME Trout)
The Forks
US Fish and Wildlife Service (USFWS)
Maine Department of Inland Fisheries and Wildlife (MDIFW)
Trout Unlimited (TU)

7. REPORTING:

The Committees' comments have been addressed, and a final study plan is to be filed with FERC by September 14, 2004. Upon approval from FERC of the study plan the Licensee shall, in consultation with all other Committee members, conduct the desktop review.