### Appendix C

**Record of Public Consultation** 

Re: Renfrew Power Generation Inc.

**New Development Project, Bonnechere River Public Notification and Consultation Process** 

### Dear Sir/Madam:

In order to help Ontario to meet a growing power demand and reduce emissions of greenhouse gases and provide additional power to the Town of Renfrew, Renfrew Power Generation Inc. (herein referred to as RPG) has recently initiated plans to maximize the waterpower potential of the Bonnechere River at Renfrew, Ontario with the redevelopment of their existing generating stations and the development of a new hydroelectric generating station (currently named the "Clear Point" project) located just downstream from the two existing plants. The project site is located below Dam #1 and Dam #2 on the Bonnechere River in the Town of Renfrew, Ontario. Access to the existing generating plants is off HWY 60 at the Bonnechere River (32 Bridge Avenue); a new access road is proposed for the Clear Point GS site off Mutual Avenue.

The first stage will involve the construction of a new hydroelectric generating station (Clear Point GS) located just downstream of the two existing dams #1 and #2 owned and operated by RPG and will have a generation capacity of approximately 3.6MW. The second stage will involve the rehabilitation of the older plants to increase the generation from 2.0 MW to approximately to 2.5 MW to make efficient use of existing water flows.

These proposed projects have been developed in such a way that the existing operating profile of the river will remain unchanged.

The project is subject to the Ontario Environmental Assessment Act (EAA) and Regulation 116/01 as well as the new Green Energy and Green Economy Act (GEA). Under these Acts and supporting regulations, the project will undergo an environmental review that will require: examining the project's potential effects on the environment including land, air (noise), water, and socio-cultural; developing suitable measures to mitigate potential effects; and involve extensive consultations with potentially affected stakeholders.

"RPG is committed to consulting and working with the public and stakeholder groups throughout the development of the project. Through the consultation process we will seek public and stakeholder input, and we will continue to report on outcomes and progress."

### **About Renfrew Power Generation**

RPG Inc. is a for-profit hydroelectric power producer wholly owned by the Town of Renfrew. The company was created in 2000 in response to changes to the *Electricity Act* requiring privatization. Prior to this transition, the organization had been in operation for over one hundred years. The company has four full-time employees and a three-member Board that reports to the proxy shareholders - Renfrew Town Council.

RPG would like to invite you to closed informal meeting for the riparian landowners within the immediate area of the site on both shorelines of the Bonnechere River as well as the immediate neighbours situated along Mutual Avenue to be held on;

### Thursday, June 18th, 2009 from 7 to 9 pm at the Mataway Activity Centre 1 Mataway Dr. in Renfrew, Ontario

The purpose of this informal session is to introduce the RPG Project Team and consulting team; to provide concept drawings and description of the proposed development project for the site, and; to identify your concerns and issues relating to the project. Representatives of RPG and their consultants, OEL-HydroSys Inc., will be in attendance to answer questions. Additional feedback is welcome from you at any time before, during or after this meeting and throughout the planning process. We look forward to discussing this project with you at the meeting.

In addition to this focus group meeting, RPG along with OEL Hydro Sys Inc. will host its first Public Open House. This event will take place on;

### Thursday, June 25, 2009 from 7 to 9 pm at the Mataway Activity Centre 1 Mataway Dr. Renfrew, Ontario.

The purpose of the event is to provide similar information to and to solicit feedback from the public. A public advertisement to inform the general public of the Public Open House will be published this week in local newspapers. A copy of this advertisement is attached for your convenience.

If you have any questions please do not hesitate to contact the undersigned. Additional feedback is welcome from you at any time before, during or after this meeting and throughout the planning process. We look forward to discussing this project with you at this meeting.

Sincerely,

Peter Boldt Renfrew Power Generation Inc.

To obtain additional information, or to advise RPG of concerns please contact:

### Mr. Peter Boldt

Renfrew Power Generation Inc. 32 Bridge Avenue West Renfrew, Ontario K7V 3R2

TEL: (613) 433-3715 FAX: (613) 432-9463

Email: pkboldt@renfrewpg.ca

Ms. Tami Sugarman
Environmental Assessment and Approvals Coordinator OEL-HydroSys Inc. 3108 Carp Road, Box 430 Carp, Ontario KOA 1LO (613) 839-1453 ext. 229 (613) 839-5376 fax tsugarman@oel-hydrosys.ca

### **Muriel Kim**

From:

Tami Sugarman

Sent:

June 12, 2009 3:25 PM

To:

'djfp@sympatico.ca'; 'mgr.landsmembership@pikwakanagan.ca';

'bimmelectronics@nrtco.net'; 'jborer@nrtco.net'; 'nrmcardle@yahoo.ca';

'cmmclcampbell@aol.com'; 'mungers@cnsc-ccsn.gc.ca'; 'andreas@b-v-w.com'; 'Franklin@sympatico.ca'; 'jfeatherston@renfrewpg.ca'; 'goldieking@sympatico.ca';

'jrydel@rogers.com'

Cc:

'Peter Boldt'; 'Samson, Joanna (MNR)'; Karen Fortin

Subject:

Renfrew Power Generation Redevelopment of the Renfrew Facility Site, Bonnechere River,

Renfrew, Ontario

Attachments:

OE7350 CEAA Project Description for Clear Point GS FINAL May 2009.PDF; OE7350

NewspaperAd Public Open House Jun-09.PDF; RENFREW.pdf

Importance:

High

### Dear BRWMP SAC Members

Please find enclosed a project description for the proposed redevelopment of Renfrew Power Generation's hydroelectric facility site on the Bonnechere River at Highway 60 in the Town of Renfrew. We hope this will give you sufficient information to acquaint yourself with this undertaking. Mr. Peter Boldt would be pleased to have an opportunity to discuss the project at your meeting on June 24<sup>th</sup>.

In addition RPG is hosting a Public Open House on June 25, 2009. We welcome your participation in this event. Attached is a copy of the public announcement of this event and location map that was published in local newspapers last week.

If you have any questions please do not hesitate to contact me.

Respectfully on behalf of Renfrew Power Generation.

Tami Sugarman

OEL-HydroSys Inc.

3108 Carp Rd, Box 430, Carp (Ottawa) Ontario Canada K0A 1L0

Telephone: 613-839-1453

Fax: 613-839-5376

E-mail: tsugarman@oel-hydrosys.ca

### NOTE TO FILE

PROJECT: OE7350

DATE:

June 22, 2009

TIME:

~1 PM (13:00)

CONTACT: Mr. Don Pouliot, SAC member BRWMP

RE: Renfrew Power Generation Development Project at Renfrew, Ontario – Project Description Comments

I received a phone message from Mr. Pouliot in the morning of June 22, 2009 asking for me to call him.

We spoke at approximately 1:00 PM that same day.

Mr. Pouliot had the following comments:

Point #1:

Section 1.1, Page 4 – Please clarify this statement, "After redevelopment, the existing plants will operate during low-flow conditions and intermittently at higher capacities depending on the frequency of higher river flows."

The Clearpoint GS will be the main operating plant once built. The refurbished plants will operate when the flow is below the Clear Point GS minimum operating rate OR when the Clearpoint GS is at full capacity of operation and there is remaining excess flow in the Bonnechere River beyond those needed to meet minimum residual flow requirements.

Mr. Pouliot wanted to know if the existing plants will be shut down in the winter months will there be a minimum flow directed through the plants to secure against frost up and if not will the plants be refurbished to be heated and insulated to ensure the components cannot freeze in winter during shut down periods.

**Response:** 

I will bring this question to RPG and the engineering team's attention and

will provide Mr. Pouliot's contact details if clarification is required.

**Point #2:** 

Page 10, Section 2.3. Will the operating regime of this new development adhere to the

**BRWMP?** 

Response: Yes.

Point #3: Section 4.1. What are the new revisions to the BRWMP that will be issued at the start of the 2009 summer season referred to in this section? Can you provide more clarification on this statement?

Response: I will check with Peter Boldt at RPG to clarify this point.

Mr. Pouliot stated that he will contact us if he has any further questions. He will not be in attendance at the BRWMP - SAC meeting scheduled for the evening of June 24, and wanted to provide his questions at this time.

**TJS** 

Ref: OE7350NOTEtoFILE Don Pouilot, BRWMP SAC member Jun22-09.doc

### **Muriel Kim**

From:

Tami Sugarman

Sent:

September 23, 2009 8:58 AM

To:

'Michel Asselin'

Subject:

RE: Renfrew Power Generation Inc. - Redevelopment of Existing Hydroelectric Generating

Stations and New Clear Point Generating Station Waterpower Project, Bonnechere River,

Renfrew, Ontario - OWA Class EA Teleconference

### Hi Michel

Thanks Michel. The Town's concerns for erosion is noted in the identified issues for the project and will be addressed in the final engineering design of the tailrace. We will send you meeting minutes as soon as they are accepted and finalized by the participants.

Best regards,

Tami

From: Michel Asselin [mailto:MAsselin@town.renfrew.on.ca]

Sent: September 22, 2009 3:01 PM

To: Tami Sugarman

**Subject:** RE: Renfrew Power Generation Inc. - Redevelopment of Existing Hydroelectric Generating Stations and New Clear Point Generating Station Waterpower Project, Bonnechere River, Renfrew, Ontario - OWA Class EA Teleconference

Hi Tami:

I will not be able to call in on Wednesday due to meeting conflicts.

Is it possible to be copied on any minutes for the meeting?

Peter Boldt is aware of the municipal concern with erosion protection adjacent to our new wastewater plant and Peter has assured us that the proposed project will naturally protect this area.

Thanks in advance for the opportunity to participate.

Michel J. Asselin,P.Eng
Director of Development & Works
Town of Benfrew

127 Ragian Street South Renfrew, Ontario K7V 1P8

Tel (613) 432-8166 Fax (613) 432-8265

e-mail masselin@town.renfrew.on.ca

**From:** Tami Sugarman [mailto:tsugarman@oel-hydrosys.ca]

Sent: Monday, September 21, 2009 3:22 PM

To: Mitchell, Vicki (ENE); joanna.samson@mnr.gov.on.ca; Alejandro.Cifuentes@ontario.ca; Katherine.Kirzati@ontario.ca;

Michel Asselin

Cc: pkboldt@renfrewpg.ca; Campbell, Paige (MCL)

**Subject:** Renfrew Power Generation Inc. - Redevelopment of Existing Hydroelectric Generating Stations and New Clear Point Generating Station Waterpower Project, Bonnechere River, Renfrew, Ontario - OWA Class EA Teleconference

### Hello Everyone

Thank you for responding that you will be in attendance. Once again, the dial-in information for our teleconference EA Meeting on Wednesday, September 23, 2009 at 10:00 AM is below.

Toll-free:

1-866-797-9101 613-787-5143

Local:

Conference ID: 4093876

The meeting agenda and an identified issues (to date) working file is attached for your reference during the call.

Your Truly, Tami



### Tami Sugarman, B.Sc., P.Geo. — Principal, Environmental Assessment and Approvals Coordinator

OEL-HydroSys Inc. - 3108 Carp Road - P.O. Box 430, Carp Ontario K0A 1L0 (T) (613) 839-1453 x229 (C) (613) 894-3509 (F) (613) 839-5376

tsugarman@oel-hydrosys.ca — www.wesa.ca

### OEL-HydroSys, WESA Envir-Eau, WESA, WESA Technologies, members of WESA Group Inc.

NOTE: Si ce courriel ne vous est pas adressé, veuillez le supprimer immédiatement. La transmission non autorisée de ce courriel est interdite.



Pensez à l'environnement avant l'impression de ce courriel

From: Tami Sugarman

**Sent:** September 4, 2009 10:15 AM

To: 'Vicki.Mitchell@ontario.ca'; 'victor.castro@ontario.ca'; 'joanna.samson@mnr.gov.on.ca'; 'cindy.blanchersmith@ontario.ca'; 'Alejandro.Cifuentes@ontario.ca'; 'Katherine.Kirzati@ontario.ca'; Paige.Campbell@ontario.ca; 'martin.rukavina@ontario.ca'; 'Alan.Kary@ontario.ca'; 'pam.wheaton@ontario.ca'; 'john.macdonald@ontario.ca'; 'alain.nadeau@ontario.ca'; 'jhutton@countyofrenfrew.on.ca'; 'masselin@town.renfrew.on.ca';

'environment@HydroOne.com'; 'lina.buccilli@OEB.gov.on.ca'

Cc: 'Meghan.Brien@ceaa-acee.gc.ca'; pkboldt@renfrewpg.ca; Kearon Bennett

Subject: Renfrew Power Generation Inc. - Redevelopment of Existing Hydroelectric Generating Stations and New Clear Point Generating Station Waterpower Project, Bonnechere River, Renfrew, Ontario - OWA Class EA Teleconference Call

Importance: High

### Good Morning Everyone:

On behalf of the proponent, OEL-HydroSys Inc. will be hosting a project EA coordination meeting via teleconference call on Wednesday, September 23, 2009 at 10 AM. Please ensure this invitation is forwarded to all interested colleagues, as required.

The purpose of the teleconference meeting is to provide a status report of the project, identify each agencies roles and responsibilities and potential permitting and approval requirements; discuss known project-specific environmental values/issues and reporting requirements that are to be addressed and documented within the ESR for each review body; and finally, to review updated timelines for the project.

The current situation in the province in relation to waterpower developments and the unsettled regulatory approvals process brought on by the *GEGEA* has made for an interesting planning process for this project. The journey has taken a non-linear route over this past summer yet I am confident that, our team has succeeded in covering off all issues that typically arise in a waterpower development project and that most of the regulatory (EA and other subsequent approvals) requirements will be addressed to the satisfaction of all participating agencies. A Project Description document was developed for the undertaking in May 2009 and was circulated at that time to the CEA Agency, DFO, TC, MOE Regional EA Coordinator, EAAB, MNR, Algonquins of Ontario Negotiation Representatives (via Jp2g Consultants Inc.), Algonquins of Pikwakanagan First Nation, OWA and also to the Bonnechere River Water Management Plan SAC members (June 2009). Later on in the planning it was also distributed to any provincial/municipal agencies or interested parties that responded to the Notice of Commencement and/or advertisements issued in July 2009 and requested additional information. I have attached the Project Description to this invitation as background material for the teleconference for any party that has not yet reviewed it.

FYI, a federal EA coordination meeting was held on August 11, 2009 with federal agencies. Participating agencies' consultation (provincial and federal has been on-going throughout the spring and summer.

If you are able to attend please <u>contact me at</u> tsugarman@oel-hydrosys.ca <u>to confirm such and receive the dialin instructions</u>. Alternatively if you are unable to attend, yet wish to discuss your agency's particular interest and requirements for the ESR, please notify me.

Furthermore:

If your agency/group has no interest in participating further in the planning of this project and will not be participating in the Class EA formal review process (i.e. review of the ESR), please contact me directly by email or in writing and you will be removed from the project contact/distribution list.

Respectfully, Tami Sugarman

### RENFREW POWER GENERATION PROPOSES NEW DEVELOPMENT PROJECT

### Environmental Assessment Commences

**Renfrew**, **ON**, **June 25**, **2009** – Renfrew Power Generation Inc. (RPG), a hydroelectric power producer, is proposing a two-stage process to re-develop its site in Renfrew, Ontario (the project) to maximize the waterpower potential of the Bonnechere River.

The first stage will involve the construction of a new hydroelectric generating station (Clear Point GS) located just downstream of the two existing dams #1 and #2 owned and operated by RPG and will have a generation capacity of approximately 3.6MW. The second stage will involve the rehabilitation of the older plants to increase the generation from 2.0 MW to approximately to 2.5 MW to make efficient use of existing water flows.

This project will enable RPG to help Ontario meet a growing power demand, reduce emissions of greenhouse gases and provide additional power to the Town of Renfrew.

These proposed projects have been developed in such a way that the existing operating profile of the river remains unchanged.

The project is subject to the *Ontario Environmental Assessment Act* (the Act) and Regulation 116/01. Under this Act and its supporting regulations, the project will undergo an environmental review that will require: examining the project's potential effects on the environment including land, air, water, and noise; developing suitable measures to mitigate potential effects; and involve extensive consultations with potentially affected stakeholders.

"RPG is committed to consulting and working with the public and stakeholder groups throughout the development of the project. Through the consultation process we will seek public and stakeholder input, and we will continue to report on outcomes and progress."

RPG will host its first Public Open House to introduce the project in greater detail and to provide information about the Environmental Assessment and related processes. Representatives of RPG and OEL-HydroSys Inc. will be in attendance to answer questions. The Public Open House will take place on

June 25, 2009 from 7 to 9 pm at the

Mataway Activity Centre 1 Mataway Dr, Renfrew, Ontario.

### **About Renfrew Power Generation**

RPG Inc. is a for-profit hydroelectric power producer wholly owned by the Town of Renfrew. The company was created in 2000 in response to changes to the *Electricity Act* requiring privatization. Prior to this transition, the organization had been in operation for over one hundred

years. The company has four full-time employees and a three-member Board that reports to the proxy shareholders - Renfrew Town Council.

### To obtain additional information, or to advise RPG of concerns please contact:

### Mr. Peter Boldt

Renfrew Power Generation Inc. 32 Bridge Avenue West Renfrew, Ontario K7V 3R2

TEL: (613) 433-3715 FAX: (613) 432-9463

Email: pkboldt@renfrewpg.ca

### Ms. Tami Sugarman

Environmental Assessment and Approvals Coordinator OEL-HydroSys Inc.
3108 Carp Road, Box 430
Carp, Ontario
K0A 1L0
(613) 839-1453 ext. 229
(613) 839-5376 fax
tsugarman@oel-hydrosys.ca

### Ball

178 Plaunt Street Renfrew, ON

613-432-7533

### BRIEFS

Operation Corridor Wednesday

The Renfrew Detachment of the Ontario Provincial Police will participate in Operation Corridor beginning Wednesday, June 17 at 3 a.m. and continuing for 24 hours. OPP officers will concentrate their efforts on Highway 17 and will be targeting unsafe drivers and vehicles, with an emphasis on commercial motor vehicles. Operation Corridor will ake place across Ontario on Highways 401, 417, 11 and 17.

### Renfrew student vins COIN

Keith MacDougail, of Renrew Collegiate Institute, is te winner of the Renfrew A District Association's

### Power station debate begins

Public invited to June 25 open house

JOHN CARTER

john.carter@metroland.com
Power to the people.

Renfrew Power Generation (RPG) is proposing to build a third generating station on the Bonnechere River in Renfrew and overhaul its other two to increase electrical output.

The corporation is holding an open house in Renfrew Thursday, June 25 to update the public on the project. The meeting will run from 7 to 9 p.m. at the Ma-Te-Way Activity Centre.

Former RPG president Peter Boldt, who is overseeing the project for the corporation, said it will result in a "substantial increase" in electricity for the town. The project fits in well with the provincial government's Green Energy Act, which includes a program that encourages new local renewable power generation projects, he said.

Boldt said the Renfrew project does not mean the corporation has switched its focus from plans for a power generation facility at the First Chute of the Bonnechere River.

Planning for that proposal, which should also benefit from the province's emphasis on green energy initiatives, is running parallel to the Renfrew undertaking, he said. RPG has several energy projects in the works, he noted.

The First Chute proposal hasn't progressed as quickly as earlier thought, mainly because the company is waiting for imple-

mentation of the new provincial energy incentive program.

In the meantime, engineering changes have been made to the original plans, which now call for a weir dam instead of a concrete one because of concerns it would adversely affect the scenic beauty of the area, Boldt noted.

In Renfrew, RRG is proposing a two-stage process to redevelop its site to maximize the water power potential of the Bonnechere River, explained Boldt. "It's not a new concept ... it's been talked about since the '30s."

The first stage will involve the construction of the new Clear Point hydroelectric generating station just downstream from RPG's two existing dams and upstream from the new sewer plant. The new station, which will be fed water by the existing canal, will have a generation capacity of about 8.6 megawatts.

The second stage will involve the rehabilitation of the two older plants to increase generation from two to about 2.5 megawatts each to make more efficient-use of existing water flows. That will enable RPG to have a total output of 8.5 megawatts during high water runoff in the spring.

Boldt said the project will enable RPG to help Ontario meet a growing power demand, reduce emissions of greenhouse gases and provide additional power to the Town of Renfrew.

See POWER, Page 2

### OWer

Continued from front

Boldt stressed the plans have been developed in such a way to profile" of the river will remain mchanged. Downstream river flows will stay the same, he ensure the "existing operating

RPG will be restored back to As well, the riverside area ointly owned by the town and park land once construction a complete, he said. "It won't change the optics (in the area)."

Boldt pointed out that as the project is subject to the Ontarlo Environmental Assessment Act, it will undergo an enviproject's potential effects on the will require examination of the of suitable measures to mitigate commental review The review environment including land, air, water, and noise; development potential effects; and extensive consultations with potentially ifflected stakeholders.

sulting and working with the public and stakeholder groups "RPG is committed to conhroughout the development of

seek public and stakeholder the project," said Bolt. "Through input, and we will continue to report on outcomes and progthe consultation process we will

Inc. will on hand to talk to the house June 25 will introduce the project in greater detail and provide information about the related processes. Representatives of RPG and OEL-HydroSys environmental assessment and public. "We'll start off by giving a spiel, then it will be wide open The project's first public open for questions," said Boldt.

RPG is also holding a meeting with residents along the river in that area to answer any questions they have about the proj-

ly because it compléments the province's proposed Read-in Tar-iff (FIT) program. The program, a component of the Green Rner-Boldt said the project is time the development of renewable gy Act, is designed to encourage

"It's a way to get projects like ours connected," said Boldt,

include increasing the renew-The FIT program's objectives

able energy supply to ensure emissions, simplifying the development of generation projects so vice more quickly and efficiently creating new green industries through new investment and job creation, and providing incenmergy can be brought into sertives for investment in renew able energy technologies.

The program provides opportunities for community-based projects by companies, organi-It is open to various renewable including wind, hydro, solar and sations and even home-owners. energy supply technologies

to the Electricity Act requiring privatization. Prior to the RPG is a for-profit hydro been in operation for more than electric power producer wholly owned by the Town of Renin 2000 in response to changes transition, the organization had frew The company was created blo-energy technologies. 100 years.

The company has four fullmember board that reports to Renfrew town councillors, who time employees and a threeare the proxy shareholders.

PAGE 2 - RENFREW MERCURY - June 162009

### ATTENDANCE SHEET

RENFREW POWER GENERATION INC. DEVELOPMENT PROJECT
Riparian Landowners and Mutual Ave. Residents Meeting, Thursday, June 18, 2009

NAME	MAILING OR EMAIL ADDRESS	PHONE MINORE
Helissa Shawn Friske Mark + Lisa Lavallee  BILL WELSH Path Edwards		æ:
Doug forgie Mabel Proule		
S S S S		

### **QUESTIONS AND COMMENTS SHEET**

RENFREW POWER GENERATION DEVELOPMENT PROJECT BONNECHERE RIVER AT TOWN OF RENFREW

Riparian Landowners and Nearby Residents Meeting - Thursday, June 18, 2009 PLEASE HAND IN COMPLETED SHEETS BEFORE YOU LEAVE OR

MAIL TO: OEL-HydroSys Inc., Box 430, Carp, Ontario, K0A 1L0, ATTN: TAMI SUGARMAN

YOUR ANSWERS TO THE FOLLOWING QUESTIONS ARE GREATLY APPRECIATED:					
TOUR ANSWERS TO THE FOLLOWING QUESTIONS ARE GREATLY APPRECIATED:					
How is this area important to you? Is it for past or present reasons?					
WE HAVE LAND ON SUUTH (ESST?) OF					
BONNECHEAR R. DUONSTREAM WITH NEW					
DISTOSAL MAN					
Do you fish in the project area either upstream or downstream of the proposed location? Which species do you catch?					
NO					
Do you use the area for any other purpose?					
OUR PROPERTY FOR HIKING					
DUT TROPERTY TOX					
What is your opinion of the hydroelectric project? Are you opposed to or in favour of it and why?					
IN FAVOUR.					
IMPROVES TOWN FUTURE (& PRESENT)					
1 MILES ( TO					
Do you have any concerns about the development of the project site (noise, aesthetics, etc)?					
No					

What is your opinion about the proposed upgrade to the existing RPG stations?

ANY ADDITIONAL COMMENTS YOU MAY WANT TO MAKE ARE GREATLY APPRECIATED: We are looking for all comments, positive, neutral or negative PLEASE TURN SHEET OVER AND WRITE YOUR ADDITIONAL COMMENTS ON THE BACK

If you wish, you may provide us with your name and contact details OR you may rem

NAME (Optional):

DOUG. HOWARD

ADDRESS (Optional) EMAIL (Optional):

TOPIC or IDENTIFIE

**COMMENTS** 

HAVE COTTAGE AT HUADS LAKE &
OWN PROPERTY ON SOUTH (OR EAST) OF
BONNECHERE R. DOWNSTREAM FROM
PROPOSED DEVELOPMENT.

TONYMOUS

### NOTICE OF A PUBLIC OPEN HOUSE INFORMATION SESSION

### Renfrew Power Generation Inc. New Development Project, Bonnechere River Public Notification and Consultation Process

Renfrew Power Generation Inc. (herein referred to as RPG) has recently initiated plans to maximize the waterpower potential of the Bonnechere River at Renfrew, Ontario with the redevelopment of their existing generating stations and the development of a new hydroelectric generating station (currently named the "Clear Point" project) located just downstream from the two existing plants. The project site is located at Dam #1 and Dam #2 on the Bonnechere River in the Town of Renfrew, Ontario. Access to the existing generating plants is off HWY 60 at the Bonnechere River (32 Bridge Avenue); a new access road is proposed for the Clear Point GS site off Mutual Avenue.

This project will enable RPG to help Ontario meet a growing power demand, reduce emissions of greenhouse gases and provide additional power to the Town of Renfrew.

OEL-HydroSys Inc. are working with RPG Inc. to conduct the Ministry of Natural Resources (MNR) waterpower approval process and complete the Ontario Waterpower Association's Class Environmental Assessment for Waterpower Projects. A planning process for the proposed project as required by the Ministry of the Environment (MOE) in respect of the Electricity Regulation (Ont. Reg. 116/01) made under the Environmental Assessment Act. The newly enacted Green Energy and Green Economy Act (GEA) will also apply to the project. The proposed project also triggers the Canadian Environmental Assessment process under the Canadian Environmental Assessment Act (CEAA) through legislative requirements.

RPG along OEL-HydroSys Inc. will host its first Public Open House to introduce the project in greater detail and to provide information about the Environmental Assessment and related processes. Representatives of RPG and their consultants, OEL-HydroSys Inc., will be in attendance to answer questions.

The Public Open House will take place on:

### Thursday, June 25, 2009 from 7 pm to 9 pm at The Matawy Activity Centre 1 Mataway Dr. Renfrew Ontario.

The purpose of the event is to identify potentially affected stakeholders, describe the proposed project; identify public concerns and issues relating to the project and the local environment and to solicit feedback from the public. If you have any concerns or questions regarding the project area and the potential use of the site for generating green energy, or would like additional information about this project, we request that you join us at this event.

Alternatively you may contact Mr. Peter Boldt at Renfrew Power Generation Inc., 32 Bridge Avenue West, Renfrew, Ontario, K7V 3R2, TEL: (613) 433-3715; pkboldt@renfrewpg.ca

### JAGUAR THROW IN



Andrew McConnell (24) of the St. Joseph's Jaguare gets the ball back in play during the Ontario (OFSAA) high school senior boys soccer championship in London last week. The Jaguare played six games and returned home fourth of 16 teams in the tournament. For more, see Page 12. Photo courtesy of the St. JOSEPH'S JAGLIARS

### Dobson earns a bronze medal and fourth-place finish at OFSAA for Opeongo

PETER CLARK
peter.clark @metroland.com
Emma Dobeon of Opeongo High School was right
up there with the best the
province has to offer in two
events at the Ontario high
school (OFSAA) track and
field championabips at the
University of Toronto over
three days last week.
Dobson finished as the
bronze medallist in the
senior girls long jump at-

bronze medallist in the senior giris long jump at 5.41 metres, and was fourth in the triple jump with a lump of 11.48 metres.

Bobsón also competed in a third event at OFSAA. She was 18th in the preliminary field with a time of 15.52 seconds in the senior girls 100-metre hurdles.

In all, six Opeongo Wildcat athletes qualified from the previous week's Eåst

Regional meet to make the placed in the top 20.
trip to London. Shannon Sp
Willie Dick completed capped off the 200

Willie Dick completed the boys open 2,000-mstre steeplachase in 6:05.54 to finish a solid sixth. Sarah Bell also record-ed a top-10 finish with a ninth-place performance in the junior girls dis-cus with a throw of 27.72

metres.

Patrice Wren finished
12th and 18th in the midget loys 100- and 200-metre
sprints respectively but
did not qualify for the
final. He missed advancing in the 100 metres by
just.08 of a second.

All sthletes who suited up for their schools
at OFSAA were already
ranked among the top 24
in their svent.

Two other Wildcats

Two other Wildcats

placed in the top 20.

Shannon Spurrell capped off the 2009 high school track and field season with a throw of 30.82 metres for 16th in the senior girls javelin; and Quinton Rook placed 20th in the senior boys discuss in 36.73 metres.

Tristan Woodfine was unable to travel to OFFAA because he was competing in a triathlon in Winnipeg. He was third among Ontario athletes and ninth overall.

overall.

Woodfine had won both the junior boys 1,500 and 8,000 metre events in times of 4,04.91 and 8,27.89 at the East Regional track and field championships May 29 and 30 at Thousand Islands Secondary School in Brockville.

### NOTICE OF A PUBLIC OPEN HOUSE INFORMATION S

Renfrew Power Generation Inc. New Development Project, Bonnechere River Public Notification and Consultation Process

Public Notification and Consultation Process

Renfrew Power Generation Inc. (herein referred to as RPG) has recently initiated plans to madmize the waterpower potential of the Bonnechers River it Renfrew, Ontario with the redevelopment of their guisting generating stations and the development of a new hydroelectric generating station (currently named the "Clear Point" project) located just downstream from the two existing plants. The project sit is located at Dam #1 and Dam #2 on the Bonnechers River in the Town of Renfrew, Ontario. Access to the existing generating plants is off HMY 60 at the Bonnechers River (22 Bridge Avenue); a new access road is proposed for the Clear Point 65 site off Mutual Avenue.

This project will enable RPG to help Ontario meet a growing power demand, reduce emissions of greenhouse gases and provide additional power to the Town of Renfrew.

OEL-Hydrosys Inc. Is working with RPG Inc. to conduct the Ministry of Natural Resources (MARR) waterpower approval process and complete the Ontario Waterpower Association's Cleas Environmental Assessment for Waterpower Projects. A planning process for the proposed project as required by the Ministry of the Environment (MGE) in respect of the Environmental Assessment Act. The newly enacted Green Energy and Green Economy Act (GEA) will also apply to the project. The proposed project also Initiates the Canadian Environmental Assessment process under the Canadian Environmental Assessment process.

RPG along with OEL-HydroSys Inc. will host its first Public Open House to Introduce the project in greater detail and to provide Information about the Environmental Assessment and related processes. Representatives of RPG and their consultants, QEL-HydroSys Inc., will be in attendence to ensure rejections.

The Public Open House will take place on:

Thursday, June 25, 2009 from 7 p.m. to 9 p.m. at the Mateway Activity Centre, 1 Mateway Dr., Renfrew, Ontario

The purpose of the event is to identify potentially affected stakeholders, describe the proposed project, identify public concerns and issues relating to the project and the local environment and to solicit feedback from the public. If you have any concerns or destitions regarding the project area and the potential use of the site for generating green energy, or would like additional information about this project, we request that you join us at this event.

zernetively you may contact Mr. Peter Boldt at Renfrew Power Generation Inc., Bridge Avenue West, Renfrew, Ontario, K7V-3R2, TEL: (613) 433-3715; Boldt@renfrewpg.ca



### ATTENDANCE SHEET

### RENFREW POWER GENERATION INC. DEVELOPMENT PROJECT Public Information Meeting, Thursday, June 25, 2009

NAME		MAILING OR EMAIL ADDRESS	PHONE NUMBER
DOUG. HOWARD			( Cis
Evelyn Howard.			
Ken Swayon			
Tom MADavel	-		
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### ATTENDANCE SHEET

### RENFREW POWER GENERATION INC. DEVELOPMENT PROJECT Public Information Meeting, Thursday, June 25, 2009

NAME	MAILING OR EMAIL ADDRESS	PHONE NUMBER
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### Renfrey Power Generation Inc. Redevelopment of Existing Hydroelectric Generating Stations and New Clear Point Generating Station Waterpower Project Bonnechere River, Renfrew, Ontario

Renfrew Power Generation inc. is planning to undertake an environmental evaluation and assessment for the proposed redevelopment of the hydroelectric generating stations and the development of the new Clear Point Generating Station at its' facility in Renfrew, Ontario over the next few months. If this proposed 6.1MW (maximum capacity) generation project is approved and constructed it would produce 22,300 MWh of renewable energy annually. The projects study area is shown on the accompanying map. The project is subject to the provisions of the Ontario Waterpower Association "Class Environmental Assessment for Waterpower Projects" (2008). Pursuant to the Class EA, this project is considered to be categorized as:

associated with existing infrastructure on a managed waterway

The Class EA process requires Renfraw Power Generation to undertake an evaluation of the project to evaluate its potential effects to the environment (positive and negative) and prepare a detailed Environmental Report. The project is also expected to require review and approvals under the Canadian Environmental Assessment Act, the Fisheries Act, the Nevigable Waters Protection Act, the Species at Risk Act, the Lakes and Rivers Improvement Act, the Ontario Water Resource Act, the Environmental Protection Act and the Endangered Species Act. This notice and the public consultation process for the project under the Class EA is Intended to coordinate and meet the notification requirements relevant to the planning stage of the project under these statutes.

The evaluation and environmental report will assess the potential effects of the proposed weterpower, project on the environment during its construction and operation. Rentrew Power Generation inc. has identified cartain environmental components that are expected to be the focus of the proposed project. Public consultation is an integral component to this process. You are invited to provide comments on the issues to be addressed, and / or to ask to be placed on the projects mailing list. Subsequent direct notices including the Notice of Completion of the Environmental Report will only be provided to those agencies, Aboriginal communities and other parties who express an interest in the undertaking as a result of this Notice of Commencement and to those who participate in the consultation process. who participate in the consultation process.

For information on the project proposal, to raise issues or concerns, or to be placed on the mailing list, please visit our website www.renfrowpg.ca or contact:

Mr. Peter Boldt

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Renfrew Power Generation Inc. 32 Bridge Avenue West, Renfrew, ON

TEL: (613) 433-3715

PAX: (613) 432-9463 Email: pkbokit@renfrawpo.ca

Ms. Tami Sugarman OEL-HydroSys Inc.

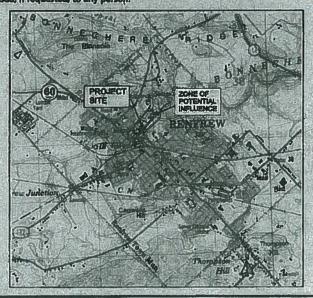
Box 430

Carp, ON KOA 1LO

(613) 839-1453, ext. 229 (613) 839-5376

REAMBREDO lool-hydronys.ca

Under the Preedom of Information Act and Protection of Privacy Act and the Envi-ronmental Assessment Act, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter, and will be released, if requested, to any person.









**GLROW SHT DNUORA DNA.** 



Honduras



Notice of Commencement under the Class EA for Waterpower Projects

Renfrew Power Generation Inc.
Redevelopment of Existing Hydroelectric Generating Stations and New Clear Point
Generating
Station Waterpower Project
Bonnechere River, Renfrew, Ontario

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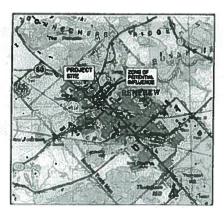
Mr. Peter Boldt Renfrew Power Generation Inc. 32 Bridge Avenue West, Renfrew, ON K7V 3R2

TEL: (613) 433-3715 FAX: (613) 432-9463 Email: pkboldt@renfrewpg.ca Ms. Tami Sugarman OEL-HydroSys Inc 8ox 430 Carp, ON KOA 1L0

(613) 839-1453, ext. 229 (613) 839-5376 tsugarman@oel-hydrosys.ca

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For a printable version of the above, please click on the title of the document to download...

Notice of Commencement

Map - Renfrew Zone of Influence

To access these documents, you will need Adobe Acrobat Reader installed on your computer.

Acrobat Reader is available free at: www.adobe.com/products/acrobat/readstep2.html

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# RENFREW POWER GENERATION - DEVELOPMENT PROJECT

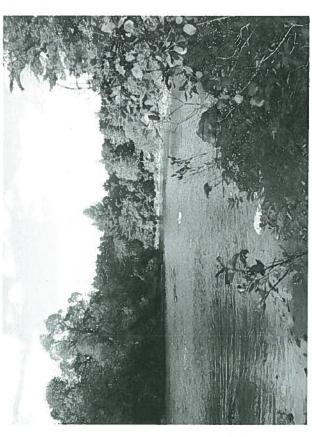


## NEW CLEAR POINT GENERATING STATION AND REDEVELOPMENT OF EXISTING HYDROELECTRIC GENERATING STATIONS



Bonnechere River at Renfrew, Ontario





Renfrew Power Generation Inc. 32 Bridge Avenue West Renfrew, Ontario, K7V 3R2

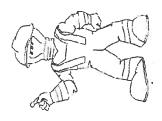


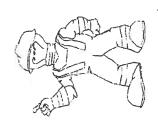
### AGENDA

- Introduce the Proponent -Renfrew Power Generation Incorporated
- Introduce the Consulting Team
- . Background/History of Project Site
- Introduce the Proposed Development Project
- Explain the OWA Class Environmental Assessment
  - Process

Open Forum Discussion

. 0 Small Hydro Consulting Engineers



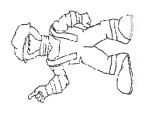




## Renfrew Power Generation Inc.

and outstand shares of the Corporation. RPG is managed by a The Town of Renfrew is the registered owner of all the issued Board of Directors. Renfrew Hydro Inc. (RHI) is an affiliate Renfrew Power Generation Inc. is a for profit business. company in having a common shareholder.

RPG will be solely responsible for the development and operation of the proposed electricity generation project.





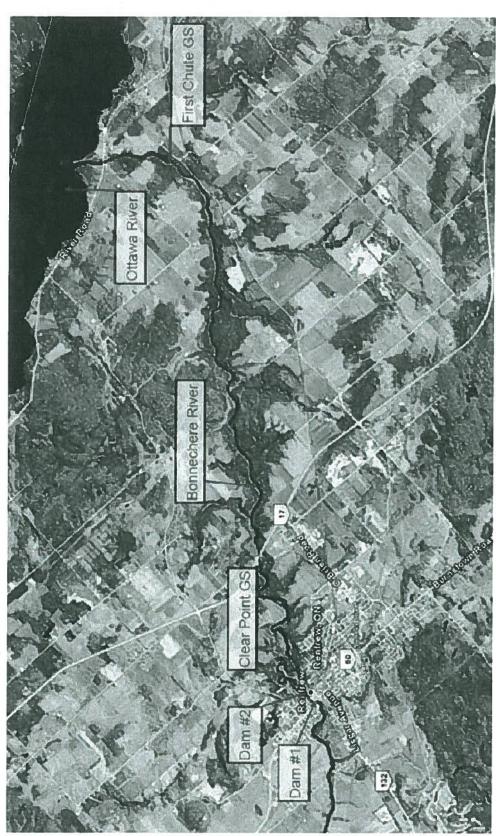
### The Consulting Team

facilities. As part eastern Ontario's largest environmental consulting design and re-development of small scale hydroelectric generating provision of technical services to the waterpower industry for the **DEL HydroSys Inc.** is an engineering firm specializing in the firm (WESA Inc.) OEL will also manage the environmental assessment and regulatory approval process.

Bowfin Environmental Consulting has extensive experience assessment, route selection, watershed studies and terrestrial and fisheries inventories. Bowfin and OEL have collaborated on many in environmental assessments, freshwater and marine habitat hydroelectric generating initiatives.



### The Project Area









### **Background/History**



- 2. The Upper Dam at Highway 60 was built in 1908 after the Bonnechere River ran dry
- GS1 (Upper Plant) and adjoining canal were constructed in 1911
- original wood penstocks were rebuilt of steel in 4. Original dam was replaced in 1948 and the

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### RPG Objectives



Develop a new hydroelectric generating station – Clear Point - 3.6 MW capacity

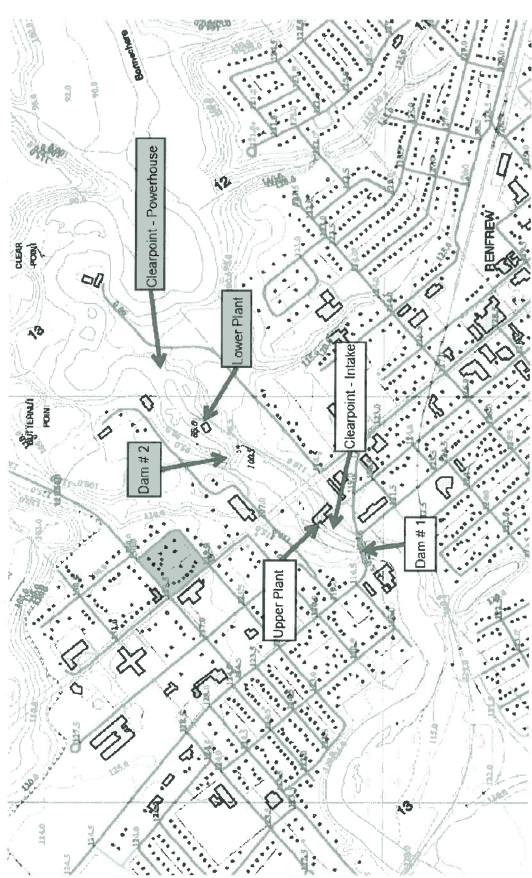
(increasing capacity from 2.0 MW to 2.5 MW) Redevelop the existing generating stations

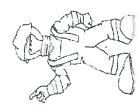
Result - Three separate power plants with a total generating capacity of up to 6.1MW





### The Project Site







### The Project Development



A two stage process:

station - Clear Point (3.6MW). Upper and Lower Plants Stage 1: Construction of new hydroelectric generating will remain in operation during the construction of the Clear Point generating station.

Stage 2: Once the Clear Point GS is operational, the existing older plants will be redeveloped to increase generation from 2.0 MW to 2.5 MW. This will be achieved by replacing the existing turbines and rewinding the generators.

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### The Project Operation

become the main generating plant in the downtown core. Operation: Once completed, the Clear Point GS will

conditions and intermittently at at higher capacities depending on the frequency of higher river flows. The upgraded plants will operate during low-flow

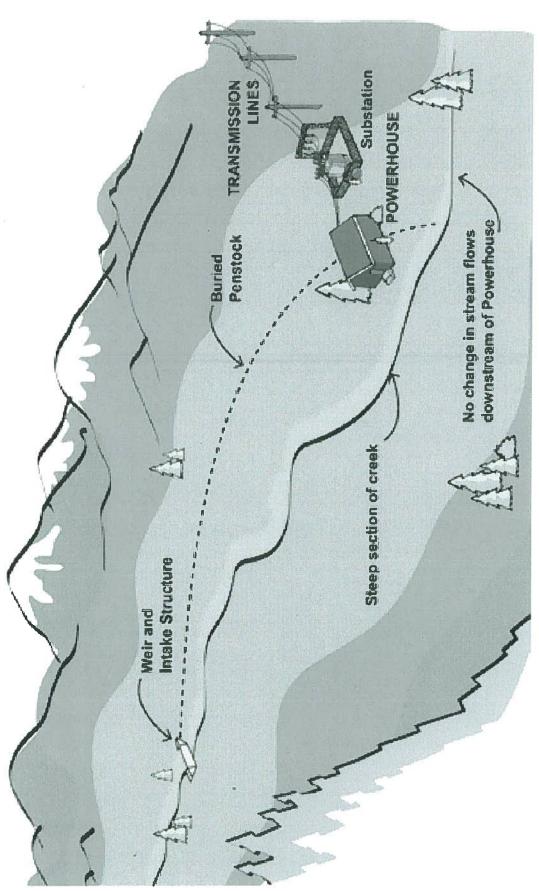
All facilities will operate as run-of-river systems, meaning that no water is stored in the system.

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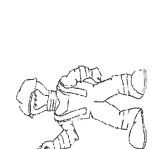




## Run of River Design Basics



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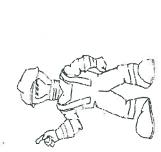




### The Advantages ...

- Run of river projects have a much smaller environmental footprint compared to traditional reservoir storage hydro projects
- Have zero greenhouse gas emissions and fights climate change by reducing our reliance on polluting, electricity imports
- The existing operating profile of the Bonnechere River remains unchanged
- Provide additional power to the Town of Renfrew
- Economic and employment benefits

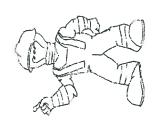
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### The Disadvantages ...



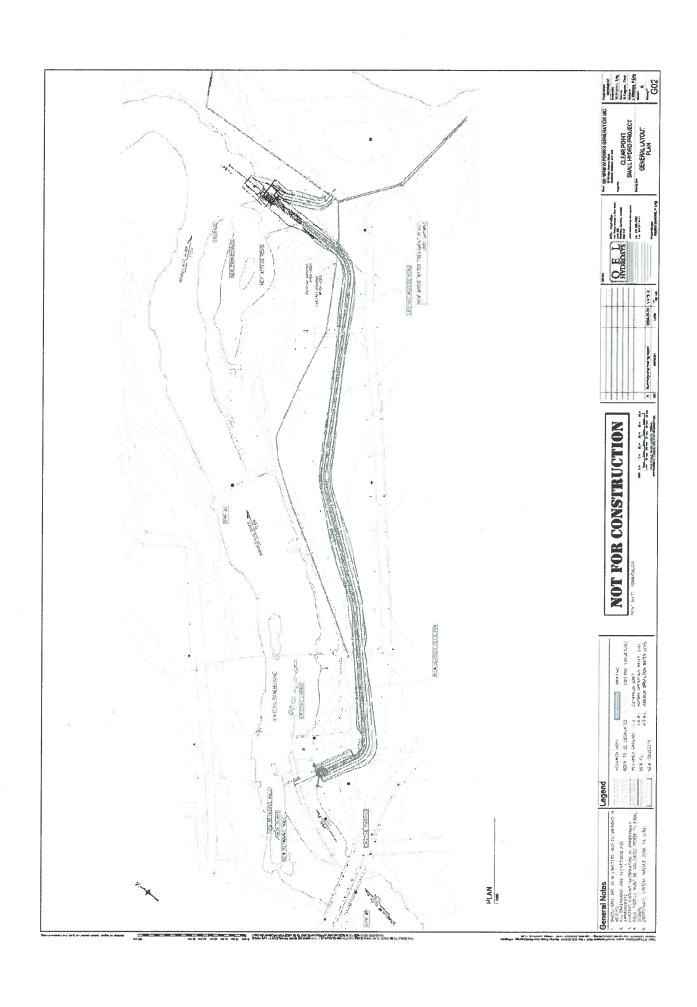
- Potential impact to natural environment between Dam #1 and the tailrace of the Clear Point GS (i.e. fish, plants, animals, resource and recreational use, etc.)
- Potential for cultural impact in the project site (i.e. archaeology, built heritage, etc.)
- and safety during construction and/or operation, changes Potential for impact to the community (i.e. public health to community character/aesthetics, etc.)?



## Clear Point GS Components



- New right wall of the intake canal near its downstream end where existing wood crib wall requires full upgrade.
- Intake (5.0m wide by 6.7m deep) equipped with mechanical gate and trash rack.
- Buried penstock (2.5m diameter and approx. 600m long).
- Access road to the powerhouse (approx. 50m long)
- 86m² reinforced concrete powerhouse building
- Excavated tailrace canal (approx. 10m wide by 20m long)







# Redevelopment of Existing Plants

- Dam #1 and canal wall concrete rehabilitation
- New lower stoplogs in rehabilitated sluiceway
- New backup operator for log hoisting or automated gate
- Repair of damaged left side (shore) powerhouse wall
- Repair and modification of Dam #2 damaged concrete apron
- Lower plant tailrace hydraulic improvement modification
- Lower plant insulation and heating



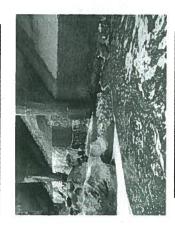
# REHABILITATION OF EXISTING POWERHOUSES



Outside wall of canal at upper dam Powerhouse

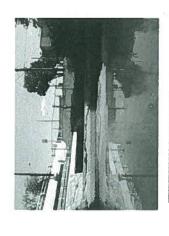


Canal looking up river from the Powerhouse at upper dam



Base lower dam down river

Pier upper dam



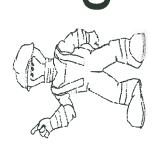
Canal intake at the upper dam



Canal looking up river to power house







# Ontario's EA Process for Waterpower



Was the Environmental Screening Process under O. Reg. 116/01

- Generic EA process for electricity projects
- Includes multiple forms of generation, including wind, water, natural gas, biomass, municipal solid waste,

Now the Ontario Waterpower Association Class EA

- Project types subject to Class EA are dictated by O. Reg. 116/01; however process used to assess is provided by Class EA
- New EA process designed to meet specific needs of a "class" of projects 🗢 waterpower projects
- New Class EA was introduced in October 2008



### What is a Class EA?



Sector-specific

Proponent-driven

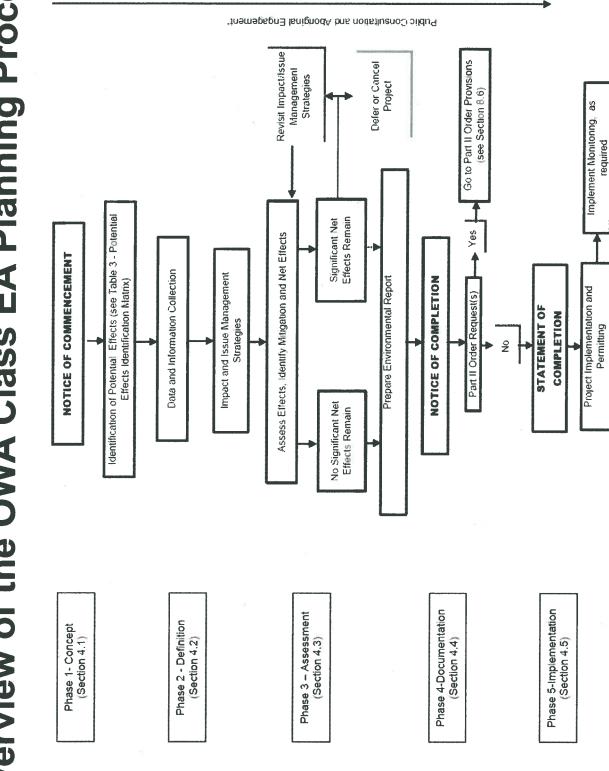
Transparent

Scripted but flexible

Provisions for public and aboriginal group review and agency review and decision-making



# Overview of the OWA Class EA Planning Process

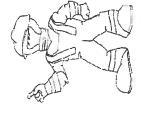


\*Public Consultation and Aboriginal Engagement may precede and/or confinue through other regulatory processes.



### The Approvals Process

- Proponent establishes the basis for project evaluation and public and aboriginal engagement
- Proponent initiates engagement process and project assessment
- environment with assistance from interested parties Proponent determines how a project may affect the
- Proponent must document the planning process and how it was implemented, and its findings and conclusions
- The final phase of the Class EA process summarizes commitments and follow-up measures
- Formal Review Period



# Class EA Project Categorization



Match project types with the general scope and scale of the environmental context within which they occur

Categories:

Projects Associated with Existing Infrastructure New Projects in Unmanaged Waterways New Projects on Managed Waterways

potential effects, mandatory notification requirements, and general level Key differences between categories is increasing geographic scope of of detail of assessment

This project falls into the first category



### Involving the Public



 Suitable notification and formal consultation/ engagement practices

Documentation a key requirement

 Supporting best practices are considered and incorporated into the plan





# Involving Agencies and Aboriginal Groups

Coordination meeting is key to "one project - one process" model

Federal/Provincial EA requirements

General and project-specific legislative requirements Determination of roles and responsibilities

Project timelines and milestones

Communications and consultation planning

Aboriginal communities engagement and ATK ncorporated





# How you can participate in the process.

By sharing your information and views on the proposed project By participating in community meetings and voicing your opinions and suggestions



## **Questions and Discussion**



### AMENDMENT to the NOTICE of COMMENCEMENT (Issued July 2009) and NOTICE OF A PUBLIC INFORMATION SESSION

Renfrew Power Generation Inc.
Redevelopment of the Existing Hydroelectric Generating Facilities in Renfrew Ontario on
Bonnechere River to be known as the Thomas Low Generating Station

For several years, Renfrew Power Generation (RPG) has been exploring options for expanding the hydroelectric generating potential on the Bonnechere River in Renfrew. These options included a 1.5 MW project at "First Chute," a 4 MW project at "Clear Point," and the redevelopment of the existing Upper and Lower Plants to essentially double their combined generating capacity. The possibilities for developing these options have been greatly influenced by the evolving renewable energy contracting and grid connection policies in Ontario over the past few years, including the RESOP program, to the FIT Program, and the Hydro Contracts Initiative.

After careful examination of all options, RPG has determined that the most viable project is the development of a new plant following the concept of the Clear Point Project (presented during June 2009 public information sessions in Renfrew, and advertised in a July 2009 Notice of Commencement) but with the new powerhouse shifting approximately 200m upstream, adjacent to the existing Lower Plant. The new generating station will have a capacity of 4 MW. RPG has tentatively named the development the "Thomas Low Generating Station" (GS) for the original builder of the Lower Plant. As was the case for the previously proposed Clear Point project, the intake of the proposed new Thomas Low GS is to be located just upstream of RPG's Upper Plant.

This project will enable RPG to align itself with the provincial initiative to replace electricity sourced from fossil fuels with that produced from renewable sources while provide additional power to the Town of Renfrew.

OEL-HydroSys Inc. has been working with RPG Inc. to complete an environmental assessment of the project under the Ontario's Class Environmental Assessment for Waterpower Projects (2011) as a "Project Associated with Existing Infrastructure." The proposed project is also subject to a Screening under the Canadian Environmental Assessment Act.

A Public Information Session outlining the Thomas Low GS project will be held on:

### Tuesday, June 21, 2011 from 6 pm to 8 pm at The Mateway Activity Centre, 1 Mataway Dr. Renfrew, Ontario

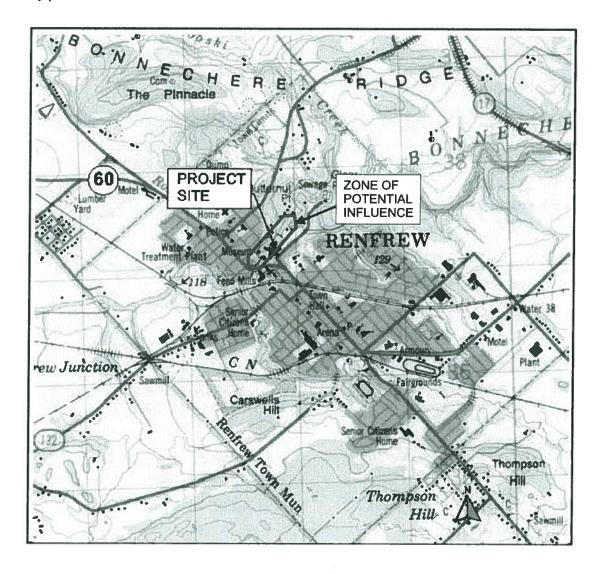
Members of RPG and the EA project team will be on hand to answer any questions. If you have any concerns or questions regarding the proposal to site the new generating station adjacent to the Lower Plant, we request that you join us.

Alternatively you may contact Mr. Peter Boldt, Renfrew Power Generation Inc., 32 Bridge Avenue West, Renfrew, Ontario, K7V 3R2, (613) 433-3715;

<u>pkboldt@renfrewpg.ca</u> or Ms. Karen Fortin, EA Coordinator, OEL HydroSys Inc., <u>kfortin@oel-hydrosys.ca</u>, Box 430, Carp Road, Ottawa, KOA 1LO, 613-839-3053 x 261.

Subsequent Notices, including the Notice of Completion will be provided to all Aboriginal communities, agencies and other parties who express an interest in this project.

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### LITTLEST TEAMSTER AT DACA HORSE PULL

Ed Lemieux receives help from grandson Dan Cadieux in guiding his horses Louie and Tommy during the annual DACA Horse Pull Sunday, June 5. The Buckingham entry finished fifth in the light division of the heavy horse class at the competition at the DACA Centre. For more coverage on the DACA and Area Community Association's horse pull, see the June 16 edition of the Renfrew Mercury. Mercury photo by John Carter



### OFFICIAL GRAND OPENING CEREMONY FOR THE ADMH EMERGENCY DEPARTMENT

After 18 months, construction of the new and expanded Emergency Department at ADMH is over and we are officially opening our doors. We invite all Hospital and Foundation Board Members past and present, staff, volunteers and members of the community to join MPPs Madeleine Meilleur and John Yakabuski at the Official Opening Ceremony for the ADMH Emergency Department.

Tuesday, June 14, 2011
from
11:30 a.m. – 12:30 p.m.
at the rear of
Arnprior & District Memorial Hospital
outside the
Emergency Department

The completion of the Emergency Department Renovation projects signifies ADMH's ability to accommodate 25,000 patients per year. The area is bigger, brighter and offers better patient flow while incorporating new and contemporary life saving equipment. The design of the department will enable the hospital to continuously improve wait times, and meet increasing levels of quality as outlined in the corporation's quality plan.

### Enjoy Renfrew County Expo 150 celebrations at the Pembroke Airport this weekend

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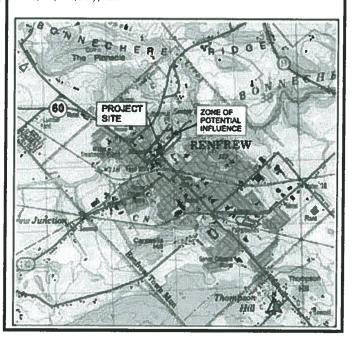
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Over the past 10 months St. John Ambulance has had a lot going on.

The cadets have been learning, practising and working on perfecting many first aid skills.

"We have also been learning a lot of other valuable skills. We have learned team work, patience (not the injured kind), friendships, working towards goals and perseverance," cadet leader Jen Daniels said to the cadets. "All your hard work has paid off."

At St. John Ambulance's headquarters on O'Brien Road June 8, awards and mementoes were presented in recognition of the cadets' hard work in 2010-11,

Daniels added. Prominent awards handed out were the Superintendent Award, Outstanding Leadership, Best Attendance and Most Improved.

Hailey Valliquette was honoured with the prestigious Superintendent Award.

"This award recognizes an all-around fantastic cadet," Daniels noted.



"This cadet will display excellent leadership qualities and dedication. The recipient tonight displays all of the qualities we look for, between great attendance, and participating in a variety of cadet events such as camps, fundraisers, courses, workshops and public duties.

"This cadet is a great role model, friendly to everyone and always willing to help, no questions asked," Daniels added, before presenting the award to Valliquette.

The Outstanding Leadership Award went to Kennedee Smith.

"This recipient is also a great role model. Between taking on responsibilities and showing great initiative, this cadet also tries to make the surrounding environment positive and helps us all focus on our goals," Daniels said.

Smith was a double winner as she also received the award for best attendance.

It didn't matter what the situation, weather or otherwise, Smith was always there, Daniels said.

Duncan McIntyre was the recipient of the Most Improved Cadet honour. McIntyre was somewhat shy and quiet when the year began.

By the end, he was more outgoing and made his presence felt.

From left are St. John Ambulance cadet leader Jen Daniels, cadet award recipients Kennedee Smith, Duncan McIntyre and Hailey Valliquette, and cadet leader Brad Hammel.

Mercury photo by Peter Clark

### AMENDMENT to the NOTICE of COMMENCEMENT (Issued July 2009) and NOTICE OF A PUBLIC INFORMATION SESSION

Renfrew Power Generation Inc.

Redevelopment of the Existing Hydroelectric Generating Facilities in Renfrew Ontario on Bonnechere River to be known as the Thomas Low Generating Station

For several years, Renfrew Power Generation (RPG) has been exploring options for the expanding the hydroelectric generating potential on the Bonnechere River in Renfrew. These options included a 1.5 MW project at "First Chute," a 4 MW project at "Clear Point," and the redevelopment of the existing Upper and Lower Plants to essentially double their combined generating capacity. The possibilities for developing these options have been greatly influenced by the evolving renewable energy contracting and grid connection policies in Ontario over the past few years, including the RESOP program, to the FIT Program, and the Hydro Contracts Initiative.

After careful examination of all options, RPG has determined that the most viable project is the development of a new plant following the concept of the Clear Point Project (presented during June 2009 public information sessions in Renfrew, and advertised in a July 2009 Notice of Commencement) but with the new powerhouse shifting approximately 200m upstream, adjacent to the existing Lower Plant. The new generating station will have a capacity of 4 MW. RPG has tentatively named the development the "Thomas Low Generating Station" (GS) for the original builder of the Lower Plant. As was the case for the previously proposed Clear Point project, the intake of the proposed new Thomas Low GS is to be located just upstream of RPG's Upper Plant.

This project will enable RPG to align itself with the provincial initiative to replace electricity sourced from fossil fuels with that produced from renewable sources while providing additional power to the Town of Renfrew. OEL-HydroSys Inc. has been working with RPG to complete an environmental assessment of the project under Ontario's Class Environmental Assessment for Waterpower Projects (2011) as a Project Associated with Existing Infrastructure. The proposed project is also subject to a Screening under the Canadian Environmental Assessment Act.

A Public Information Session outlining the Thomas Low GS project will be held on:

Tuesday, June 21, 2011 From 6 p.m. to 8 p.m.

at The Mateway Activity Centre, 1 Mateway Dr., Renfrew, Ontario.

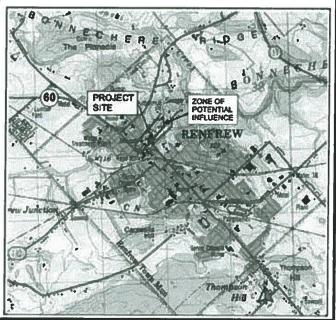
Members of RPG and the EA project team will be on hand to answer any questions. If you have any concerns or questions regarding the proposal to site the new generating station adjacent to the Lower Plant, we request that you join us.

Alternatively you may contact Mr. Peter Boldt, Renfrew Power Generation Inc., 32 Bridge Avenue West, Renfrew, Ontario, K7V 3R2, (613) 433-3715; pkboldt@renfrewpg.ca or Ms. Karen Fortin, EA Coordinator, OEL HydroSys Inc., kfortin@oel-hydrosys.ca, Box 430, Carp Road, Ottawa, K0A 1L0, 613-839-3053 x 261.

Subsequent Notices, including the Notice of Completion will be provided directly to those parties who express an interest in this project.

Under the Freedom of Information and Protection of Privacy Act and the Environmental Assessment Act, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.





### ATTENDANCE SHEET

### RENFREW POWER GENERATION INC. DEVELOPMENT PROJECT Public Information Meeting, Thursday, June 21, 2011

NAME	MAILING OF FMAIL ADDRESS	PHONE NUMBER
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DAN & VALERY STEWART MelissauShawn Frislie		
PAT FORREST		
REN FORREST Makel Provelx BILL RINCEISE		
Bathleen Courage 1	<u>+</u>	

### RENFREW POWER GENERATION

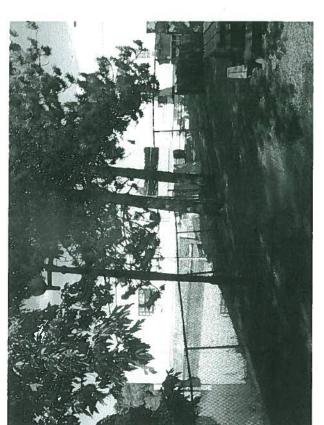
# THE THOMAS LOW GENERATING STATION

# REDEVELOPMENT OF THE EXISTING HYDROELECTRIC GENERATING STATIONS

Bonnechere River at Renfrew, Ontario







Renfrew Power Generation Inc. 32 Bridge Avenue West Renfrew, Ontario, K7V 3R2



### Meeting Objectives



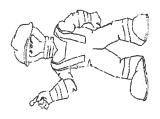
To outline the Environmental **Assessment Process**  To continue the public consultation.





### AGENDA

- Introduce the Proponent -Renfrew Power Generation Incorporated
- Introduce the Consulting Team
- 3. Background/History of Project Site
- Introduce the Proposed Development Project
- Explain the OWA Class Environmental Assessment Process
- 6. Open Forum Discussion







# Renfrew Power Generation Inc.

and outstand shares of the Corporation. RPG is managed by a The Town of Renfrew is the registered owner of all the issued Board of Directors. Renfrew Hydro Inc. (RHI) is an affiliate Renfrew Power Generation Inc. is a for profit business. company in having a common shareholder.

RPG will be solely responsible for the development and operation of the proposed electricity generation project.





### The Consulting Team

facilities. As part eastern Ontario's largest environmental consulting design and re-development of small scale hydroelectric generating provision of technical services to the waterpower industry for the OEL HydroSys Inc. is an engineering firm specializing in the firm (WESA Inc.) OEL will also manage the environmental assessment and regulatory approval process.

Bowfin Environmental Consulting has extensive experience assessment, route selection, watershed studies and terrestrial and fisheries inventories. Bowfin and OEL have collaborated on many in environmental assessments, freshwater and marine habitat hydroelectric generating initiatives.



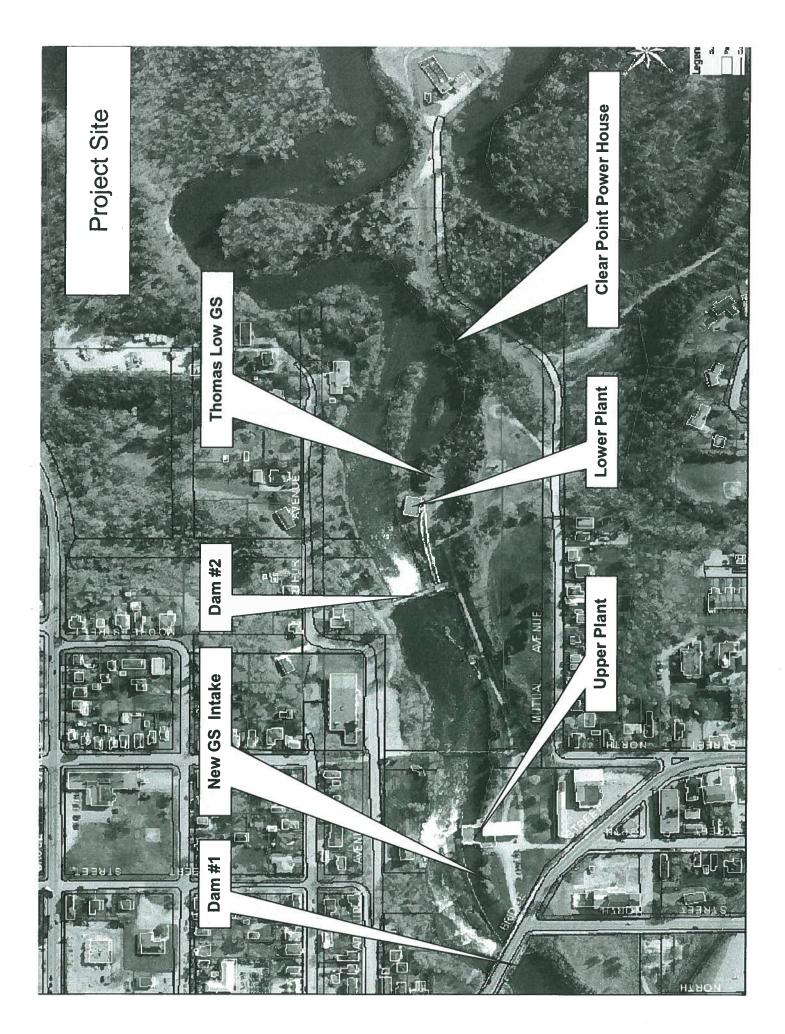
### **Background/History**



original wood penstocks were rebuilt of steel in 2. Original dam was replaced in 1948 and the 1986 The Upper Dam at Highway 60 was built in 1908 after the Bonnechere River ran dry

4. GS1 (Upper Plant) and adjoining canal were constructed in 1911







### The Project Development



A two stage process:

Stage 1: Construction of new hydroelectric generating station, penstocks and tail race - Thomas Low GS (3.6MW).

During this time both existing plants will continue to operate

During this phase of construction only the lower plant will Stage 2: Connect the intake of the TLGS to the exiting canal and rehabilitate the dam and support structures. be in operation.



## Anticipated Project Benefits



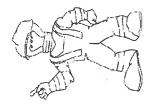
Zero greenhouse gas emissions

Reduces reliance on polluting electricity imports

Existing operating profile of the Bonnechere River remains unchanged

Additional power to the Town of Renfrew

Economic and employment benefits







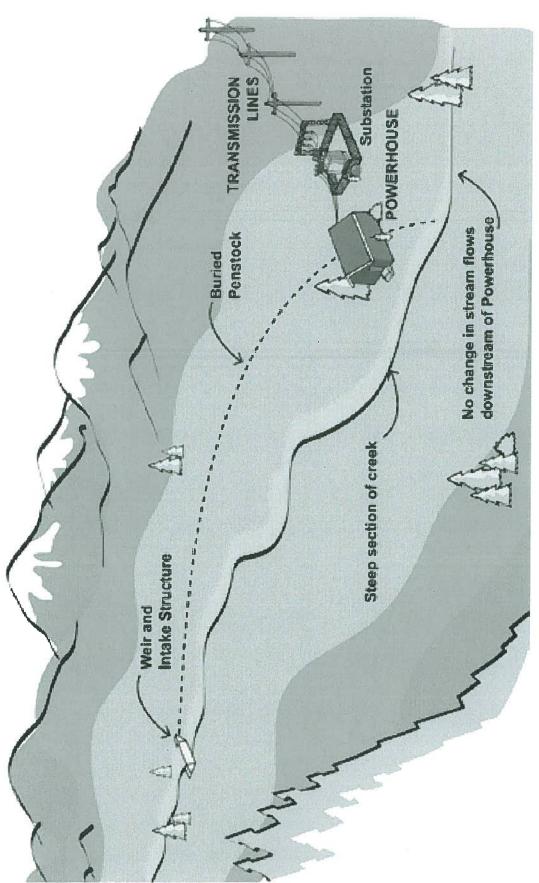
### The Project Operation

Once completed, the Thomas Low GS will become the main generating plant in the downtown core. The existing plants will operate intermittently using water in excess of TLGS capacities depending on the frequency of higher river flows.

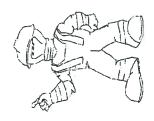
All facilities will operate as run-of-river systems.



## Run of River Design Basics



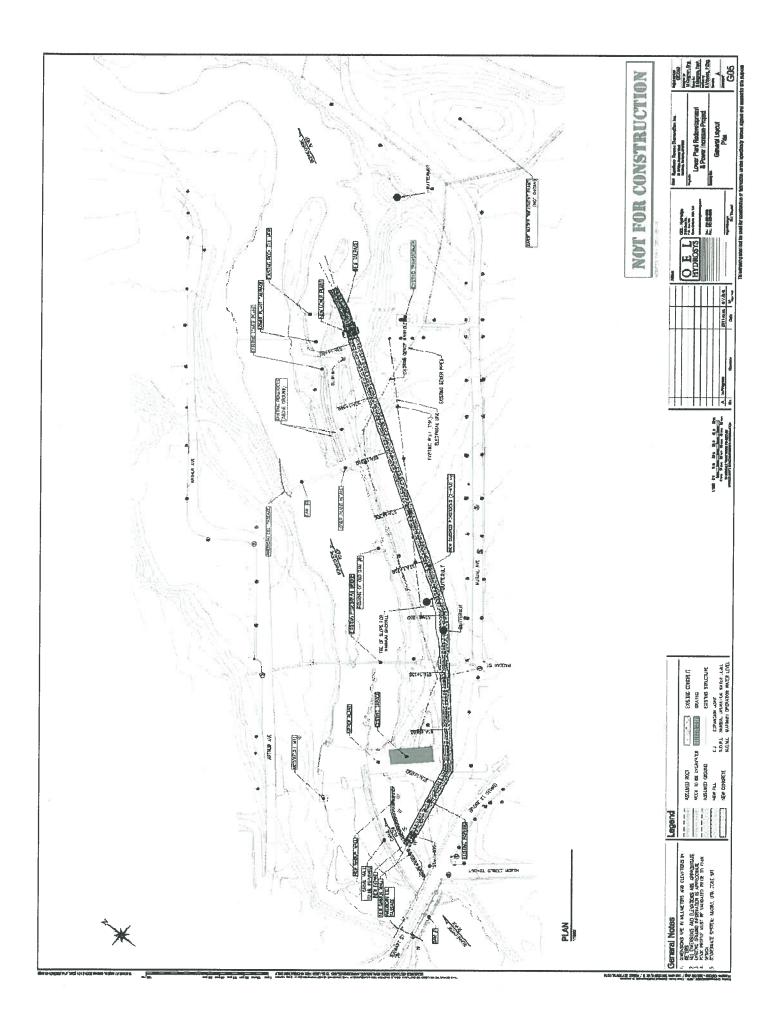
Small Hydro Consulting Engineers



## **Thomas Low GS Components**



- New right wall of the intake canal near its downstream end where existing wood crib wall requires full upgrade.
- Intake (6.1m wide by 6.0m deep) equipped with mechanical gate and trash rack.
- Two buried penstock (2.5m diameter and approx. 400m long).
- Improvement to the access road to the powerhouse
- 70m<sup>2</sup> reinforced concrete powerhouse building
- Excavated tailrace canal (approx. 10m wide by 40m long)

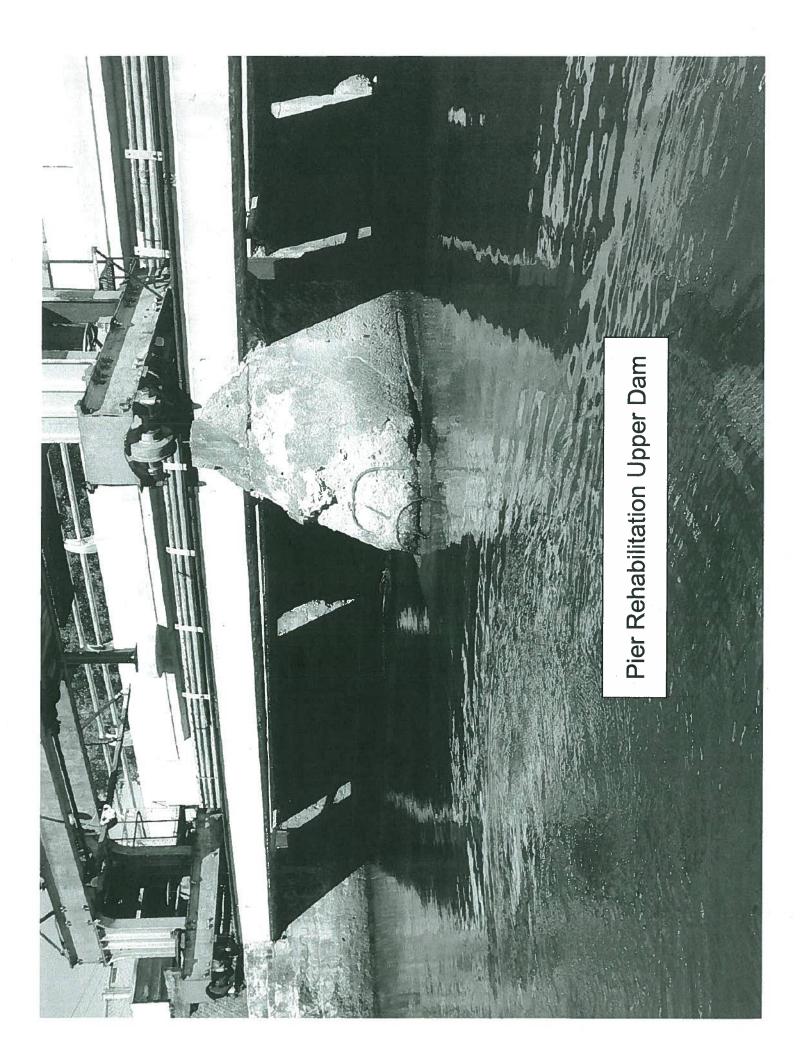


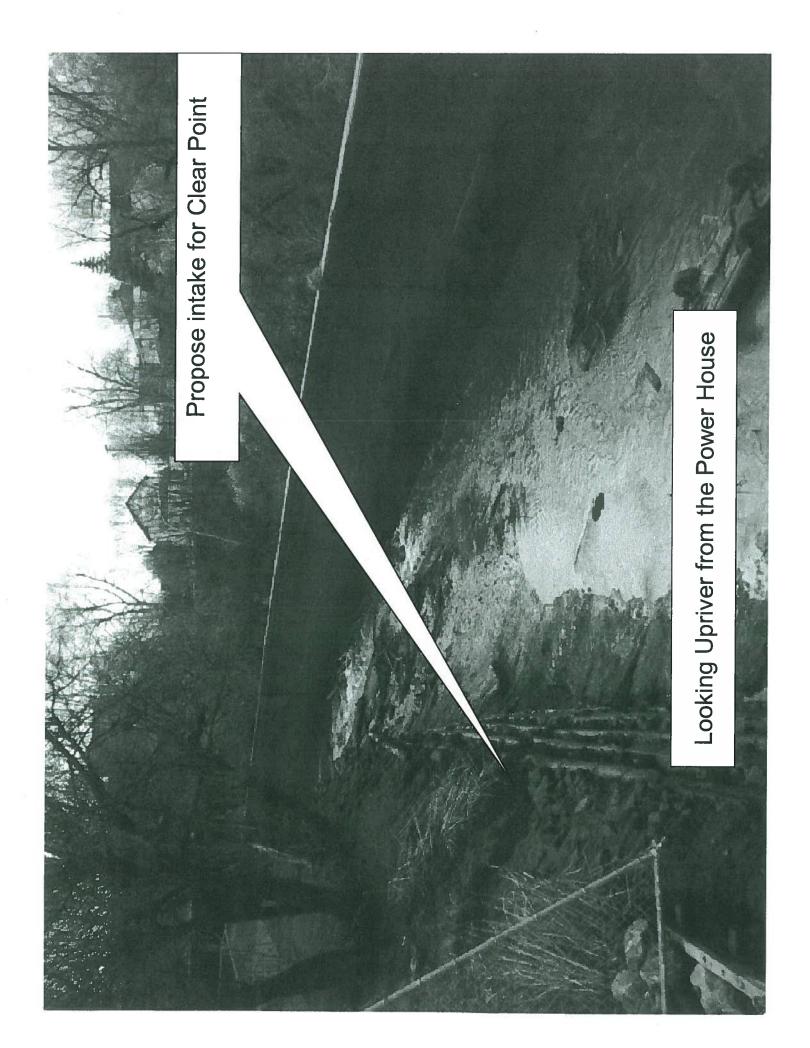
# Rehabilitation of Existing Structure

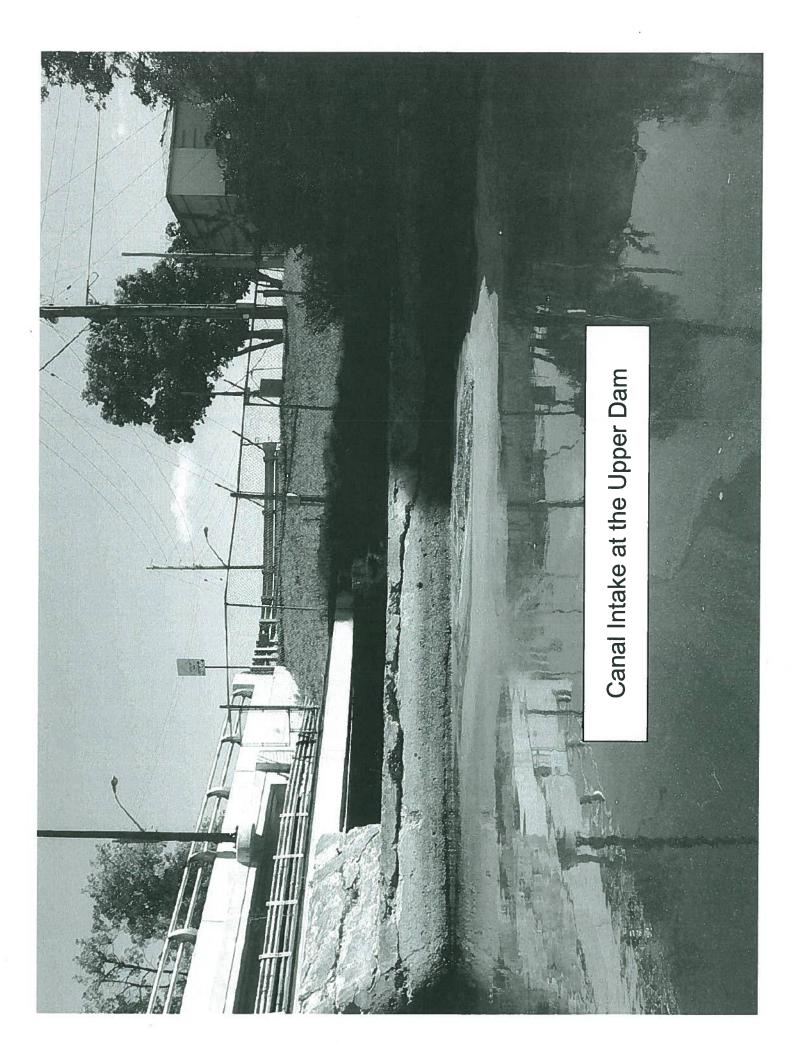
- Dam #1 and canal wall concrete rehabilitation
- New lower stop logs in rehabilitated sluiceway
- New backup operator for log hoisting or automated gate
- Repair of damaged left side (shore) powerhouse wall
- Repair and modification of Dam #2 damaged concrete apron
- Lower plant bridge and tail race.

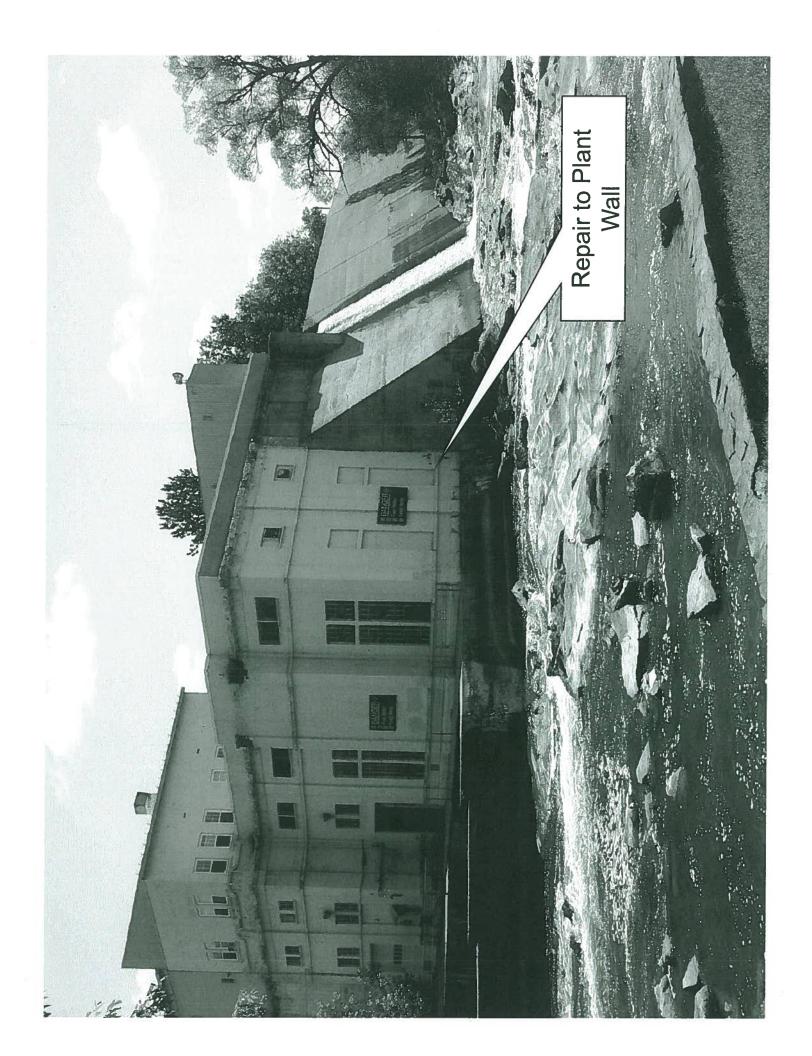


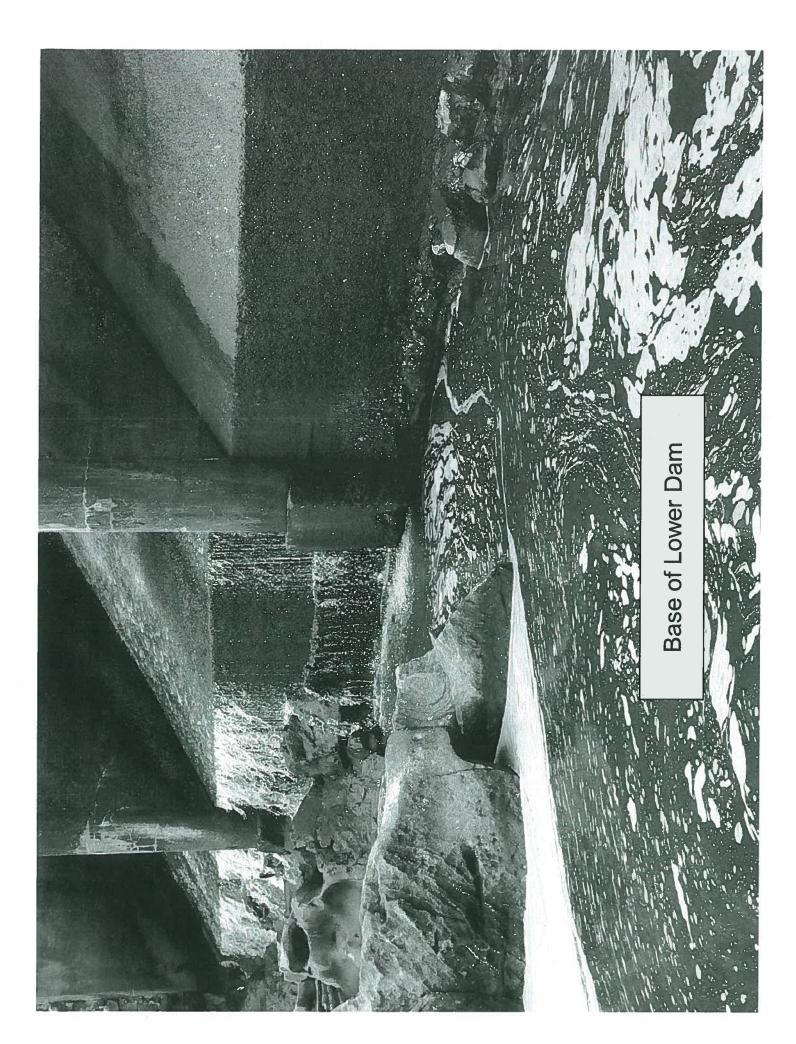














## Key Areas of Assessment

Potential impact to

Natural environment

Cultural

Community





# **Environmental Assessment (EA)**



### Federal Environmental Assessment under the (Canadian Environmental Assessment Act)

- Screenings (majority of projects)
- Comprehensive Study

### Provincial Environmental Assessment (Environmental Assessment Act)

- Independent EA (complex; involving alternative options to a project)
- Process Regulation (scripted streamlined planning process)
- Class EA (sector specific, common projects)

# Waterpower Projects EA in Ontario



Applicable Planning Legislation:

Environmental Assessment Act

Electricity Regulation (Ont. Reg. 116/01)

Environmental Screening process for electricity projects.

generation capabilities (i.e. MW of power produced). Project are categorized based on type of project and

Two categories for Waterpower: Category B - <200 MW Category C - 200 MW or greater



# Waterpower Projects EA in Ontario

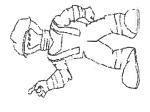


## Ontario Waterpower Association's

# Class EA for Waterpower Projects (October 2008)

#### What is a Class EA?

- Common projects with known environmental effects and mitigation measures
- Sector-specific
- Proponent-driven
- Transparent
- Scripted but flexible
- Provisions for public and aboriginal group review and agency review and decision-making



## OWA Class EA Categorization of Projects



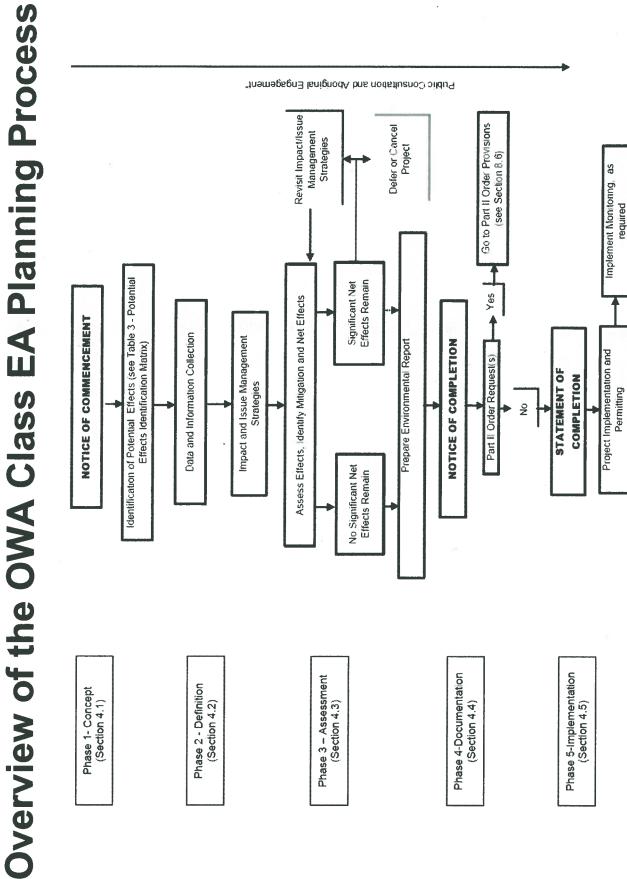
The OWA Class EA matches project types with the general scope and scale of the environmental context within which they occur.

Categories:

Projects Associated with Existing Infrastructure New Projects in Unmanaged Waterways New Projects on Managed Waterways

scope of potential effects, mandatory notification requirements, Key differences between categories is increasing geographic and general level of detail of assessment

The Renfrew Development Project falls into the first category

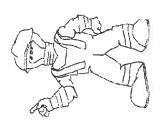


\*Public Consultation and Aboriginal Engagement may precede and/or continue through other regulatory processes.



## The Approvals Process

Formal review process commitments and follow-up measures Summary of Documenting and Reporting Consultations Engagement Assessment Initiate Establish Basis for Evaluation





#### **Involving the Public**



Mandatory Notifications

Notice of Commencement

Notice of Completion

Statement of Completion

practices (direct mailings, meetings, advertisements, website Suitable notification and formal consultation notice boards)

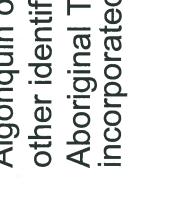
Documentation a key requirement



#### Involving Agencies and Aboriginal Groups



- Coordinate Federal/Provincial EA requirements
- Determine applicable legislative requirements
- Determination of roles and responsibilities
- Project timelines and milestones
- Communications and consultation planning
- Algonquin of Ontario at separate meetings
- other identified aboriginal communities engagement
- Aboriginal Traditional Knowledge (ATK) incorporated

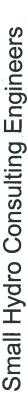




#### Other Environmental Legislation and Policy



- Navigable Waters Protection Act (TC)
- Species At Risk Act (EC)
- Lakes and Rivers Improvement Act (LRIA) (MNR)
- Public Lands Act (MNR)
- Endangered Species Act (MNR)
- Ontario Heritage Act (MC)
- Ontario Water Resources Act (MOE)
- Environmental Protection Act (MOE)
- Clean Water Act (MOE)
- Public Highway and Transportation Improvement Act (MTO)
  - Morell





# How you can participate in the process.

By sharing your information and views on the proposed project By participating in community meetings and voicing your opinions and suggestions



## **Questions and Discussion**

