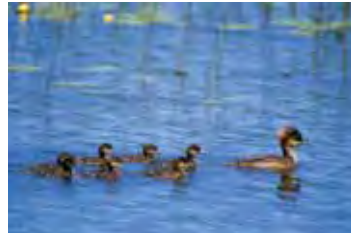


# WELCOME !

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- Thank you for taking time to visit this Open House
- Please fill out a Comment Sheet and leave it with us, or take it home and return it later to the address provided
- A project representative would be glad to answer your questions and if we don't know the answer we will try to get you an answer
- We value your comments and questions



# Purpose of This Open House

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- **To introduce you to Ontario Power Generation's (OPG's) small hydro redevelopment plans for Hound Chute Generating Station, the environmental assessment process and our plans for community consultation**
- **To seek your feedback at this early stage on local environmental considerations, issues or concerns that should be addressed through OPG's Class Environmental Assessment process**



# Who is Ontario Power Generation ?

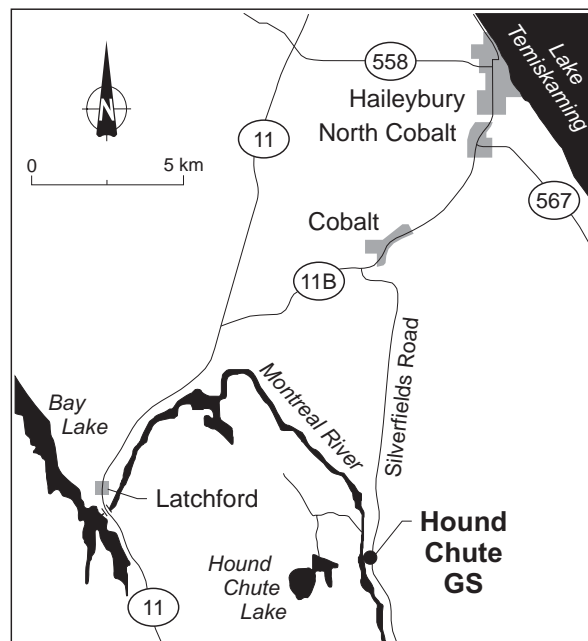
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- **Ontario Power Generation Inc. (OPG) is an Ontario-based electricity generation company whose principal business is the generation of electricity in Ontario**
- **OPG focuses on the efficient production of electricity from our generation assets, while operating in a safe, open and environmentally responsible manner**
- **OPG is a commercial company, owned by the Province of Ontario – its sole shareholder**
- **Ontario needs more electricity and OPG has been given a mandate from the Province of Ontario to develop and expand its hydroelectric capacity**
- **This project will provide more clean renewable environmentally friendly electricity for Ontario**

# What Is OPG Proposing To Do ?

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- Ontario Power Generation is proposing to redevelop the Hound Chute Generating Station on the Lower Montreal River
- Hound Chute is a existing run-of-the river hydroelectric generating station that was constructed in 1908 by Cobalt Power
- The redevelopment of Hound Chute is subject to a provincial class environmental assessment (EA)
- Power will increase from 3.6 megawatts to an expected 10.2 megawatts



# Hound Chute GS Needs Replacing

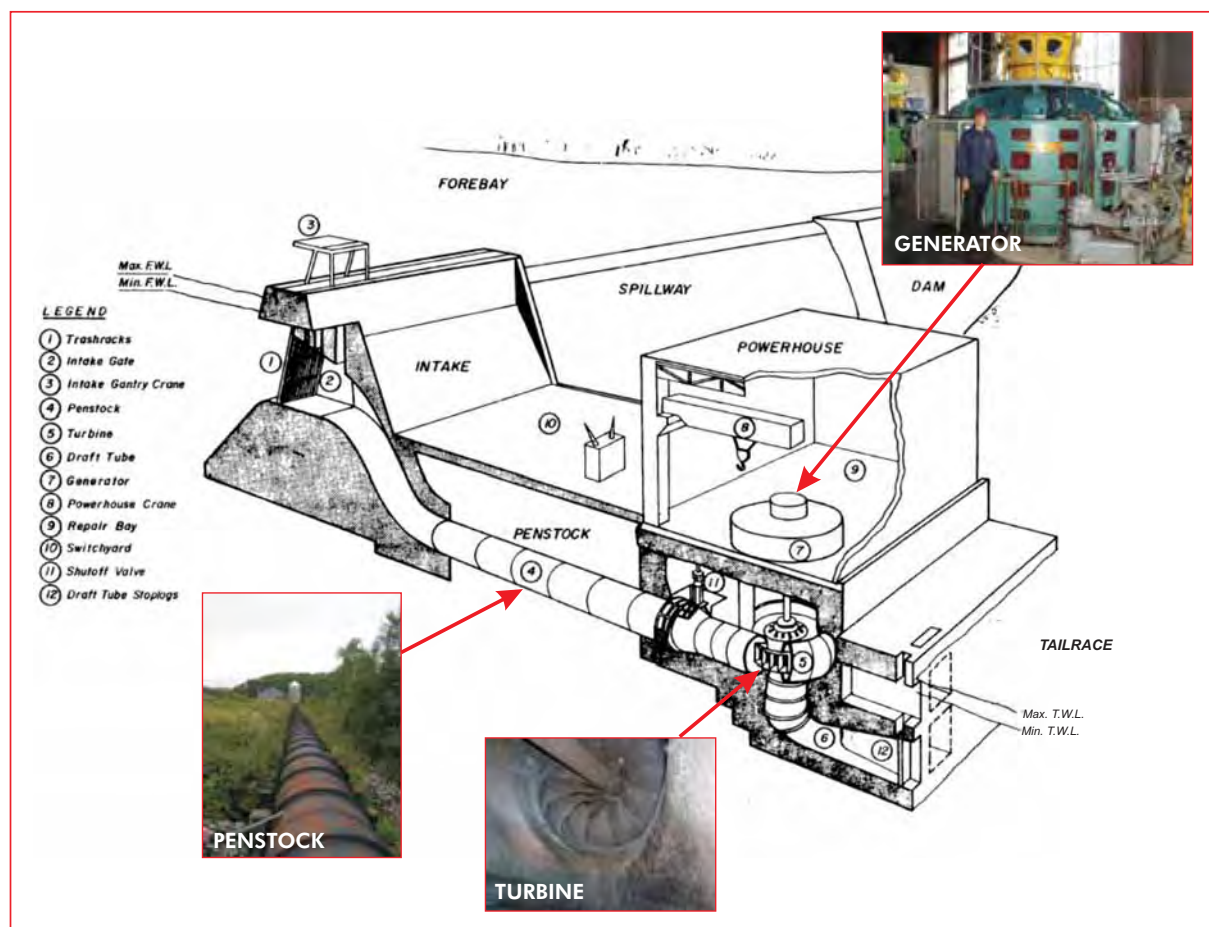
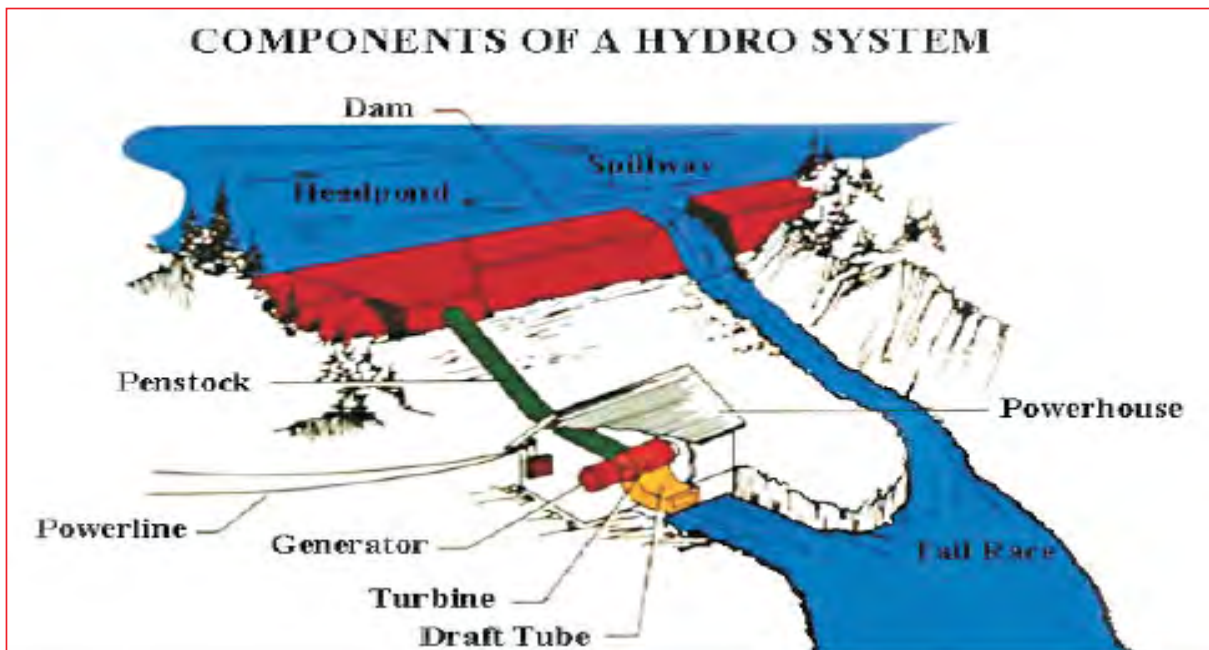
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- **The Hound Chute Generating Station is almost 100 years old and is at the end of its current service life**
- **Ongoing maintenance will not provide a long-term reliable solution**
- **If redeveloped, the Hound Chute Generating Station can continue to provide Ontario with reliable, clean and renewable electricity**
- **There is an opportunity to increase the power produced at Hound Chute Generating Station without changing the operating regime (water levels and flows) set out in the Montreal River System Water Management Plan**



# Small Run-of-the-River Hydroelectric Generating Stations

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# Hound Chute Generating Station

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## Existing

- Hound Chute Generating Station is a run-of-the-river generating station on the Montreal River
- Acquired by Hydro Electric Power Commission of Ontario in 1944
- Owned and operated by OPG. Located about 10 kilometres east of Town of Latchford and 10 kilometres south of the Town of Cobalt in the District of Timiskaming
- The facility is at the end of its designed service life



# Hound Chute Generating Station

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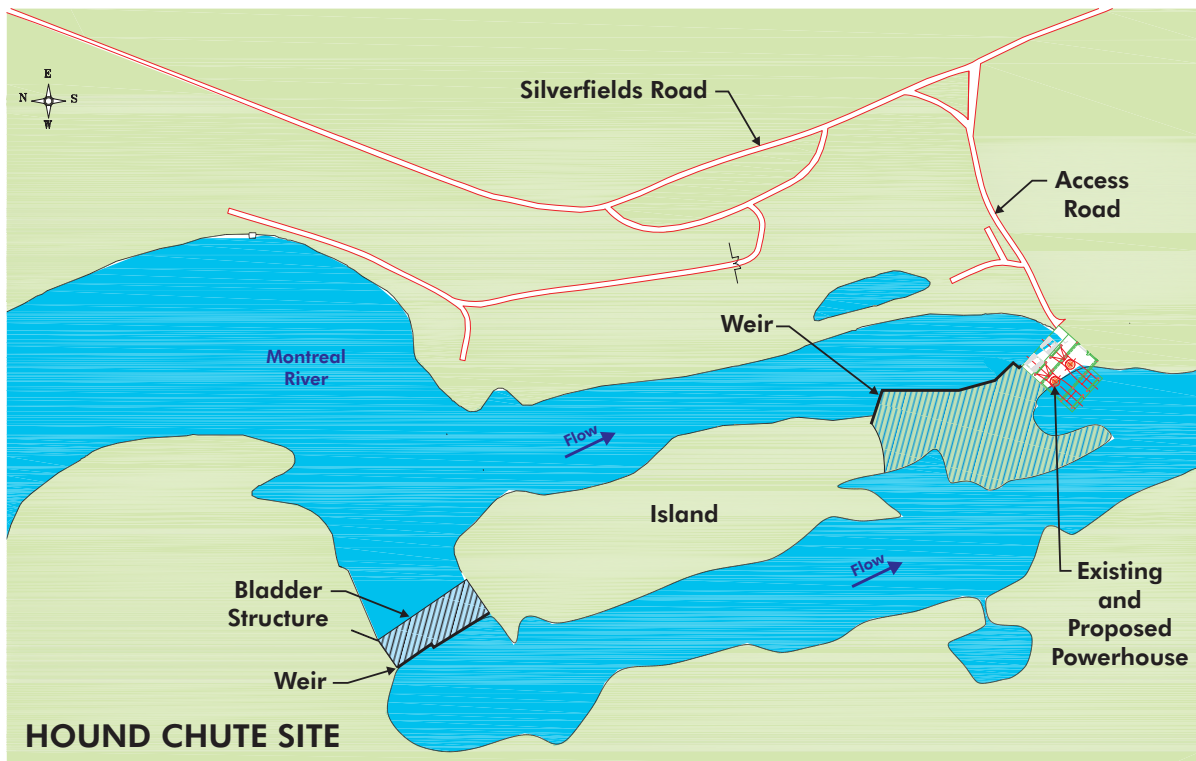
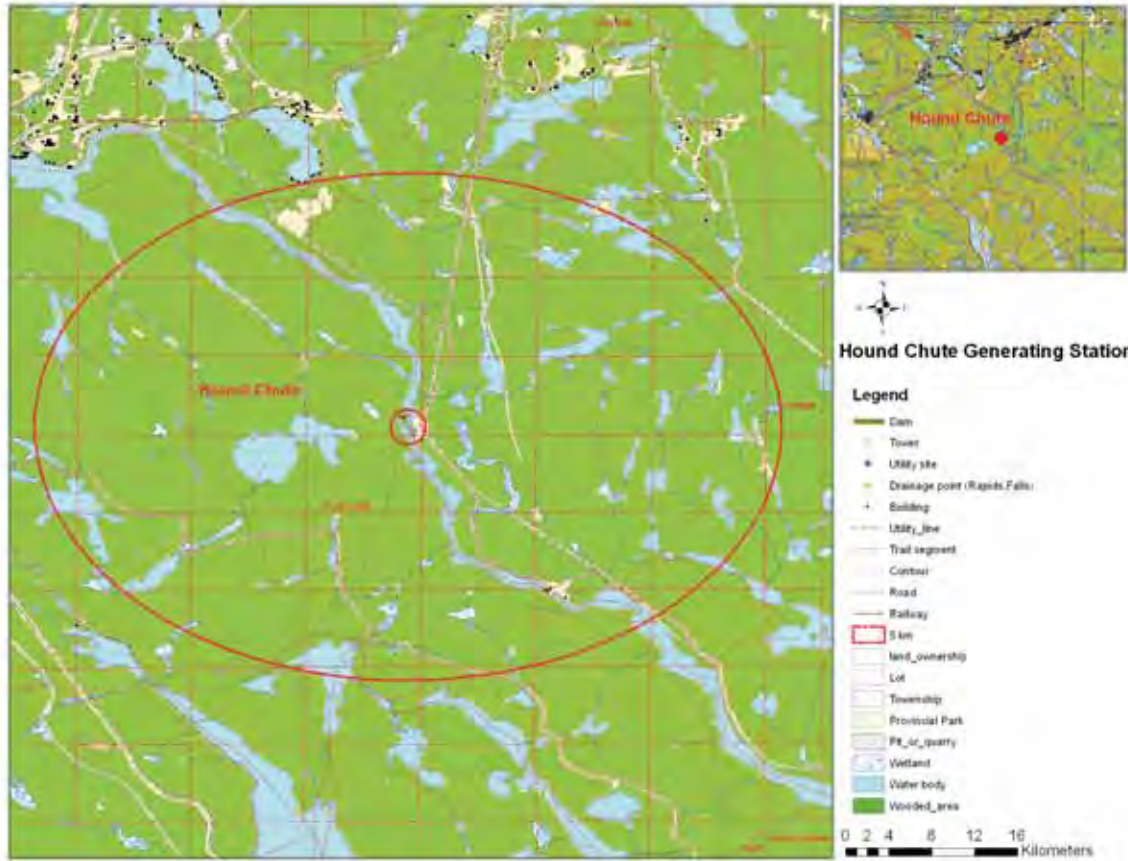
## Proposed

- Redevelop existing Hound Chute Generating Station
- Expected to increase in generating capacity to 10.2 megawatts
- Continue to use the existing local 44 kilovolts distribution system
- Proposed redevelopment will be in compliance with the Montreal River Water Management Plan
- New power house will be built on same location as existing powerhouse



# Hound Chute Generating Station

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# Environmental Assessment Process

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- **Conducted according to OPG's Class Environmental Assessment for Modifications to Hydroelectric Facilities under the *Ontario Environmental Assessment Act (EA Act)***
  
- **Class EA Process is a three phase process**
  - ◆ **Phase 1** Involves the identification of the need or problem, analysis of alternatives and an assessment of the advantages and disadvantages of the alternatives
  
  - ◆ **Phase 2** Involves the detailed environmental assessment. Studies are carried out on the natural, social and economic implications of the project
  
  - ◆ **Phase 3** Is project implementation. The project is implemented and monitoring is carried out to ensure conformance with mitigation commitment and predicted environmental effects



# Environmental Assessment Process

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- **The EA will examine the following components:**
  - ◆ **Aquatic Environment (water, fish and other aquatic life)**
  - ◆ **Terrestrial Environment (adjacent trees, vegetation and fauna)**
  - ◆ **Socio-Economic Environment (local economy, local social and economic uses)**
  - ◆ **First Nations (e.g., uses and values)**
  - ◆ **Archaeological and Built Heritage (archaeological, building or structural resources)**
  - ◆ **Atmospheric Environment (air and noise)**
  - ◆ **Geology and Soils**
  
- **Field work associated with assessing the effects has been initiated and additional studies will be carried out in 2006**
  
- **The effects of the project both during the construction and operation phases will be assessed**
  
- **Measures to mitigate, eliminate and reduce negative effects will be identified**
  
- **Measures to enhance positive effects will be identified**

# Government Agencies Involved

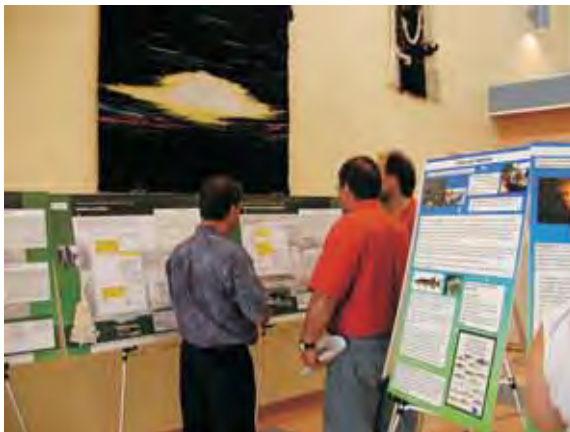
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- **Ontario Ministry of the Environment (MOE) is the lead agency for the review of the EA**
- **Other provincial ministries involved will include:**
  - ◆ **Ministry of Natural Resources (all aspects of the environment)**
  - ◆ **Ministry of Culture (built heritage and archaeology)**
  - ◆ **Ministry of Municipal Affairs and Housing (land use)**
- **The federal agencies involved include:**
  - ◆ **Canadian Environmental Assessment Agency**
  - ◆ **Fisheries and Oceans Canada**
  - ◆ **Environment Canada**
  - ◆ **Transport Canada**
- **Federal authorities are also reviewing the project to determine whether a federal environmental assessment is required**
- **The main interests of the federal government are fish habitat and navigable waters but can also include other areas of federal interest (e.g., migratory birds)**

# Public Consultation

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- **Public consultation is a key component of carrying out OPG's Class Environmental Assessment**
- **OPG is committed to consulting with residents, community organizations, government departments and agencies and First Nations**
- **Two Main Public Consultation Open Houses (April and early fall)**
- **Fall Open House will present results from the Studies**



# We Value Your Opinion

PUBLIC OPEN HOUSE - 2006

- Please take the time to ask questions and complete the Comment Sheets

**PUBLIC COMMENT SHEET**  
FOR ENVIRONMENTAL ASSESSMENT OF THE PROPOSED REDEVELOPMENT OF THE GENERATING STATION

Do you have any comments about the proposed re-development of the Generating Station?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Are you aware of any significant environmental, social or economic feature or value near these sites that we need to have consideration for?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Do you have any other comments about the project that you would like to identify?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Please provide your contact information below:

Name: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Street Address: \_\_\_\_\_ Email: \_\_\_\_\_

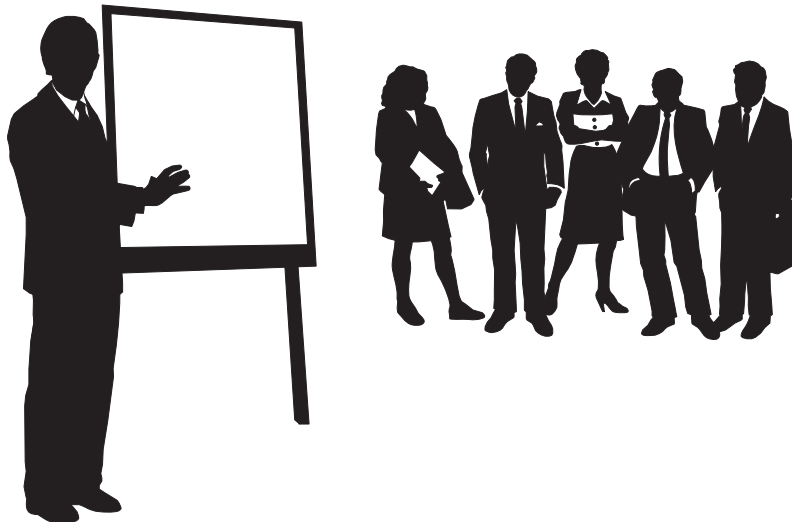
\_\_\_\_\_ Phone number: \_\_\_\_\_

City: \_\_\_\_\_ Fax: \_\_\_\_\_

If you have any questions or comments about the project in the future please contact either:

Ed Dzierzowski, Project Manager 700 University Avenue, #101 C16 Toronto, Ontario, M5G 1A6 Telephone: (416) 592-2266 e-mail: info@hourshub-ia.com	Phil Shantz, Senior Planner SWS Consultants Limited 121 Glenora Drive Richmond Hill, Ontario, L4B 3N4 Telephone: (905) 764-9200 e-mail: info@hourshub-ia.com
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**ONTARIO POWER**  
GENERATION



# Water Management Planning

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- In 2001, the Ministry of Natural Resources introduced Water Management Planning to Ontario
- This planning is a consultative process that co-ordinates the MNR, OPG and local stakeholders to explore sustainable solutions for water resources management
- In 2002, considerable progress was made in developing water management plans for provincially regulated river systems
- Inter-provincial and international river systems are governed by other agreements and treaties. As part of the process, Steering, Planning and Public Advisory Committees were established to develop plans for river systems connected to OPG's Northeast Plant Group
- OPG fully supports Water Management Planning and has incorporated this process into its long-term business plans
- The process provides guidelines that will assist OPG in balancing each region's unique social, cultural and recreational interests with OPG's business mandate to generate safe, reliable and economically competitive electricity
- The proposed redevelopment will continue to operate as a run-of-the-river facility and be managed so that there is no change to the water levels and flows

# Hound Chute To Marsh Bay Hydraulics Study

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