

## Fort Nelson RFEOI Form

### **PURPOSE**

BC Hydro is requesting expressions of interest to help assess what potential new clean projects could be advanced by the private sector to help serve potential growth in customer need and to maintain reliability in the Fort Nelson area.

Responses to this request for expressions of interest (“RFEOI”) will assist BC Hydro to identify potential electricity supply sources in the Fort Nelson area.

This RFEOI is not a pre-qualification process. Failure to respond to this RFEOI will not prohibit proponents from participating in a subsequent call for power. However, project proponents may forego an important opportunity to inform BC Hydro on the potential for, and design of, a call for power.

### **BACKGROUND**

BC Hydro is currently exploring the long-term supply options for its customer base in Fort Nelson. Existing customers are currently being served by the Fort Nelson Gas generating plant (FNG) and Alberta Electric System Operator (AESO) as this area is not currently connected to BC Hydro’s integrated electricity system. Fort Nelson is not formally included in BC Hydro’s Integrated Electricity Plan but the intention is that a resource plan for this area being prepared by BC Hydro’s Energy Planning group should be based on similar planning criteria.

### **Who is Eligible to participate in this RFEOI**

BC Hydro is looking for independent power producers, industrial and commercial customers behind a separately metered interconnection who can be connected to the non-integrated Fort Nelson electricity grid to respond to this RFEOI.

To participate in this RFEOI projects must meet the provincial distinction of clean, have a minimum capacity size of 0.05 MW and be located in British Columbia. To achieve a clean distinction, a power facility would have to meet the province’s forthcoming guidelines for clean resources. Examples of clean power may include hydro, wind, solar, geothermal and biomass energy.

### **RFEOI RESPONSE DEADLINE**

The deadline for responses is October 19, 2007.

### **COMPLETING THE RFEOI FORM**

This RFEOI Form is available on BC Hydro’s website at [www.bchydro.com/fortnelson](http://www.bchydro.com/fortnelson). The Form is intended for one project; if you have multiple projects, please complete a separate Form for each project.

Please complete the Form by filling out each field that is represented by a grey box. Use drop down menus to make selections when provided in the Form. Please save the completed document in MS Word format.

BC Hydro encourages respondents to submit the Form electronically (in MS Word format) via email to [power.acquisitions@bchydro.com](mailto:power.acquisitions@bchydro.com). Additional files can be attached as well.

If it's not possible to submit the Form electronically, a hard copy of the completed RFEOI Form can be sent to:

BC Hydro and Power Authority  
Power Acquisitions  
10<sup>th</sup> floor, 333 Dunsmuir Street  
Vancouver, BC V6B 5R3  
Attention: Power Acquisitions Records Manager, Fort Nelson RFEOI

For questions on how to fill out this Form, please phone (604) 623-4093.

Respondents are encouraged to complete the RFEOI Form in full. However, an incomplete Form will still be considered, but its value to BC Hydro will be diminished.

### **RESPONDENTS' COSTS**

BC Hydro is not responsible for any costs incurred by respondents and prospective respondents in connection with this RFEOI and responses.

### **NO LEGAL RELATIONSHIP**

This RFEOI and any responses create no contractual or legal relationship, liability or obligation of any kind between or among BC Hydro, the Province of British Columbia and respondents.

### **CONFIDENTIALITY**

BC Hydro undertakes to treat as confidential and commercially sensitive all information contained in responses that is not, or does not become, in the public domain, including further information and clarification provided by respondents, provided that BC Hydro may disclose such information to government and consultants or advisors upon the recipients undertaking to treat the information as confidential. BC Hydro may disclose aggregated information derived from such information without attribution to particular respondents in relation to the design and furtherance of a call for power. The foregoing is subject to disclosures required by law. BC Hydro is subject to the *Freedom of Information and Protection of Privacy Act (British Columbia)*.

### **QUESTIONS**

For questions on the RFEOI, please contact the Power Acquisition Records Manager by email at [power.acquisitions@bchydro.com](mailto:power.acquisitions@bchydro.com).

| <b>Respondent Information</b>  |   |  |
|--|---|--|
| Respondent company name:   |   |  |
| Respondent address:  |   |  |
| Contact first name:  | Contact last name:  | Title:   |
| Telephone:   | Email:  | Fax:   |
| <b>Ownership Information</b>   |   |  |
| List companies, partnerships and/or individuals expected to have ownership interest in the project. If additional spaces are required, please use the Additional Project Information section.  |   |  |
| Name:  | % ownership   |  |
| Name:  | % ownership   |  |
| Name:  | % ownership   |  |
| <b>General Project Information</b>   |   |  |
| Project name:  |   |  |
| Fuel Type:   | Generation Technology: (blank) ↓                                      |  |
| Desired COD:<br>(YYYY/MM/DD)   | Desired contract term:     years                                      |  |
| Indicative Price:  |   |  |
| Direct/Indirect Interconnection:<br>(blank) ↓  | If "Indirect", describe:  |  |
| Transmission/Distribution<br>Interconnection: (blank) ↓  | Project location (distance from Fort Nelson):                         | km   |
| Site acquisition status: (blank) ↓   | Is Federal or Provincial environmental assessment required? (blank) ↓ |  |
| Please describe plans for and status of consultation with any community/First Nations:   |   |  |
|  |   |  |
| <b>Project Size – New Generation</b>   |   |  |
| Capacity:  | MW  | Expected energy based on expected fuel:     GWh/year |
| <b>Additional Project Information</b>  |   |  |
| Please include any additional project information, such as:  |   |  |
| <ul style="list-style-type: none"> <li>• expected monthly generation profile intra-year;</li> <li>• expected annual generation profile inter-year;</li> <li>• constraints on curtailability of generation, if any;</li> <li>• expected economic life of generating assets;</li> <li>• Key Permits and licenses;</li> <li>• interconnection challenges/issues;</li> </ul> |   |  |
|  |   |  |

Please submit a soft copy of your completed Form to [power.acquisitions@bchydro.com](mailto:power.acquisitions@bchydro.com).

***Thank you for participating in the Fort Nelson RFEOI!***

## Glossary of Terms

**“COD or Commercial Operation Date”** means the date following all commissioning and testing that the project is able to achieve commercial operation and commence reliable delivery of energy to BC Hydro.

**“Direct Interconnection”** means a connection of the plant directly to the BCTC transmission system or BC Hydro distribution system without interconnecting through a third party transmission line or system (e.g. customer line, private line, Fortis transmission system, etc.).

**“Distribution Interconnection”** means a connection of the plant whereby energy is injected directly to the BC Hydro distribution system.

**“Indirect Interconnection”** means a connection of the plant to the BCTC transmission system or BC Hydro distribution system via a third party transmission line or system (e.g. customer line, private line, Fortis transmission system, customer substation, etc.).

**“Key Permits”** means all of the following if and as required for the plant:

- (a) environmental assessment certificate;
- (b) air emissions permit;
- (c) any permits, licenses or approvals required with respect to the discharge of any type of waste liquids from the plant;
- (d) zoning appropriate for the plant;
- (e) any subdivision approvals required to create the site on which the plant will be located as a separate legal parcel;
- (f) any permits or approvals required with respect to the storage of the fuel supply at the plant;
- (g) any lease, license or occupation or similar agreement required with respect to the plant including all access to the plant; and
- (h) water rights

**“Transmission Interconnection”** means a connection of the plant whereby energy is injected directly to the BCTC transmission system.