

Intake Form: Request for a Large Supply of Power

Instructions to Applicants

All persons requesting a large supply of power (greater than 5 megawatts (MW)), are required to complete this form. A request for service is considered to be made when the person has provided all of the information required to determine if the customer's request is eligible, reasonably feasible, and subject to a priority designation in accordance with subsections 49.2 of *The Manitoba Hydro Act* and the *Requests for Service Regulation*.

Please initial the boxes below and complete the information in this application form.

☐ I declare that the information provided in this document is true and correct. I understand that the project and the information provided in this form will be reviewed by Manitoba Hydro, Efficiency Manitoba, and the Province of Manitoba based on this information and that the decision issued further to the eligibility and priority designation processes will be related to the accuracy of the information provided by the Customer. Any subsequent change would authorize Manitoba Hydro to require a new application form to be completed in order to carry out a new analysis on eligibility and priority designation. The amended request is deemed to have been received on the day that the amendment is received by Manitoba Hydro.

☐ I understand that my request for service is considered to be made when I have provided all of the information required in this form.

☐ I declare that the proposed use of power by the Customer is not directly or indirectly related to mining a cryptocurrency. I understand that mining a cryptocurrency is an ineligible use of power.

☐ I understand that Manitoba Hydro may discontinue the supply of power if the Customer is in material default of any representations made in its request for service. I understand if Manitoba Hydro discontinues the supply of power to the project, Manitoba Hydro may remove its meters, wires, facilities and equipment from the customer's premises. I understand that Manitoba Hydro is not liable for loss or damage resulting from the discontinuance of the supply of power or from the removal.

Section 1

General Information

Company name: (“the “Customer”)

Contact name and position:

Contact information:

Cell:

Project name:

Project description: *Please describe the project.*

Site location: address, GPS coordinates, (All requests **must** include an attached map indicating the exact location of the project)

Is this project related to an existing or prospective project currently in operation or planning to locate in Manitoba? ☐ Yes ☐ No

If yes, please describe:

Timeline

Planned construction start date:

Anticipated production start (date fully operational):

Production schedule hours/days: 24/7 or other

Electrical Requirements

Please provide details on project requirements from construction through to production in MW each year. Please include construction power required. Annual electrical energy consumption in GWH/year based on production calculation (complete in table below)

Year	1	2	3	4	5	6	7	8
Power Factor %								
Peak Demand in MW								
Annual Energy in gigawatt-hours per year (GWh/year)								

Curtailment of Service

If provided notice from Manitoba Hydro, could you reduce or shift a portion of your electricity consumption for a few hours in the winter? ☐Yes ☐No

If yes:

How many MW could you reduce your load by each month?

For how many consecutive hours could you reduce your load per event?

For how many consecutive days could you reduce your load?

Are there certain times of day when you would be able to reduce this load?

☐ morning or evening ☐ morning & evening ☐ any time

What is the maximum number of hours you would be willing to reduce your load for between November to March?

What is the least amount of notice you would require to reduce your load?

If no, why not?

Does your company participate in curtailment options in other jurisdictions you operate in?

☐ Yes ☐ No ☐ N/A (we do not have operations in other jurisdictions)

Cogeneration and Backup, fuel switching

Will the project have its own on-site power generation such as solar, wind, battery, or other generation?

☐ Yes ☐ No

Describe on-site power generation:

Do you plan to have backup power or energy storage (battery)? ☐ Yes ☐ No

Please describe backup and or storage:

In the event that Manitoba Hydro is unable to supply all of your electricity demand required by the project, would the use of other energy sources (biomass, bioenergy, natural gas, renewable natural gas etc.) be an option for you? ☐ Yes ☐ No

If yes, how much energy could be offset by alternate sources and what is your residual electricity demand?

Please describe any potential for fuel switching (ex – natural gas to electric, or electric to natural gas)

Natural Gas Requirements

Connected load in millions of cubic feet per hour (MCFH):

List all load (MCFH) of Redundant or Natural Gas Back-up Generator Equipment:

Gas pressure required:

Is a temporary gas service required for facility construction? ☐ Yes ☐ No

If yes, when?

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Anticipated future increase to gas load:

Equipment Type (Process (boilers, chillers, incinerators), Space Heat (AHUs, MUAs))	Year of Increase	Load (MCFH)

Proposed natural gas service location on property, dimensioned from property line or GPS coordinates:

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Describe any unique characteristics of the project, such as RNG or non-odorized gas.

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Efficiency Measures and Programs

Have you contacted Efficiency Manitoba regarding potential energy saving opportunities (ex. technical assistance or energy incentives) for your proposed site? ☐Yes ☐No

Will energy efficiency criteria be included in the design, construction, and operation of your facility? ☐Yes ☐No

If yes, please describe which technologies, strategies, or standards your facility will utilize to minimize your energy consumption (electricity and natural gas). For example, building energy modelling, building envelope specifications, efficient mechanical systems, heat recovery, high efficiency process equipment etc.

Section 2

Employment Projections

Approximate number of employment opportunities created during construction:

Number of employment opportunities at full production:

Please describe the labour force required once operational: including details on the type of labour force, training or retraining of employee's wage levels and employee retention strategies.

Economic Impact to Manitoba

Please outline any capital and operational inputs from Manitoba based supply chain during construction including the engagement of Manitoba contractors.

Please outline any capital and operational inputs from Manitoba based supply chain during operations including the engagement of Manitoba contractors.

Please describe how goods, services, credits or other end products produced through the operation of the project could or will be consumed in Manitoba?

Please outline how this project supports economic growth in the province of Manitoba.

Socio-economic Impacts

Local Government

What steps have you taken with the municipality or local economic development agency to inform them about your project and your needs (e.g. water/wastewater, roads, other infrastructure and services), consult them and address their needs, expectations and concerns?

Indigenous Involvement

How do you plan to inform the Indigenous communities present in the territory targeted by your project (if applicable)?

How do you plan to consult the Indigenous communities present in the territory targeted by your project and take into consideration their needs, expectations and concerns? Will the community be involved in governance and decision making for the project?

How do you plan to generate economic benefits for these communities (e.g. equity stake, hiring businesses or members of these communities)?

Has your company implemented or intend to implement programs or agreements (e.g. Impact Benefit Agreements) with these communities?

Please describe any other socio-economic impacts of the project.

Environmental Impacts

Please identify potential pollutants from all phases of this facility (including construction, operation, and decommissioning) and associated abatement projects, as defined by The Environment Act C.C.S.M.c E125.

Please identify the natural resources (e.g., water, minerals, energy, bio-products) that will be consumed during facility operation, and associated efficiency projects.

If applicable, please outline how this facility, or associated facility outputs, could potentially contribute to decarbonization in the wider economy.

Additional information about the project.

Representative of Applicant:

Signature:

Date: