



## **EMPLOYMENT POSTING**

### **Giizis Energy Facility Operator (Part-time)**



Kiashke Zaaging Anishinaabek – Gull Bay First Nation (KZA – GBFN) is recruiting for an operator who is seeking purpose in maintaining the functionality and operations of the NEW Giizis Energy Solar and Battery Storage Micro grid site. This position will work in conjunction with Hydro One Remotes diesel site to ensure sustainable power to the Community of Kiashke Zaaging Anishinaabek.

#### **Duties may include (but not limited to):**

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##### **Solar Ground-Mounted Photovoltaic and Site, Operations & maintenance tasks:**

- Snow removal on the panels, around array, roadway, E-house and battery building.
- Vegetation management: cutting grass, watering grass to establish a weed-free, healthy environment of seed mix, grass mowing, swale cleaning and repairing damage if required.
- General road maintenance: snow removal and de-icing material as required.
- Remove debris and maintain cleanliness of site grounds.
- Fault alarm clearing
- Performance monitoring
- Visual inspections: panels cleanliness, panels general status, racks, arrays, visible cables.
- General care and inspections of E-house transformers, including dust removal, internal cleaning, tightening of link and bolted connections.
- Weather station inspection and cleaning
- Weekly Pyranometer inspections and cleaning
- Visual electrical inspection: groundings, accessible wirings, seals, conduits, electrical enclosures, combiner boxes, fuses, conduits seals.
- Inverter inspection: replacement of filters, clean out debris, verify torque of electrical connections, check for moisture intrusion, checking of door seals.
- Communication tests.
- Preventative maintenance for erosion around fences and gates, drainage, damage to fence.
- Ensure meter readings as required;
  - Complete the station log book;
  - Respond to operating problems, reporting alarms and verification of facility and equipment status;
  - Check all buildings and ensure that supplies are properly stores, and buildings are locked when not in use;

- Perform regular cleaning of facilities equipment and yard, snow removal from solar panels as required to access facilities, vegetation controls as required;
- Clean the weather station sensors when required;
- Ensure that all buildings and fences have been locked and secured appropriately when leaving the Facility and that no unauthorized visitors are admitted.

**Battery, Preventative maintenance tasks;**

- Visual inspection on battery modules: check for cleanliness, broken battery cells, cracks, moisture penetration, interconnections, visible wires.
- Change HVAC filters.
- IR inspections (hot points).
- Inverter inspection (replacement of filters, clean-out of debris, verify torque of electrical connections, check for moisture intrusion, checking of door seals)
- Refill if applicable (coolant, refrigerant)
- Cleaning and maintenance of cabinets, inverters and radiators.
- Touch-up paints

**Micro Grid Master Controller, Preventative maintenance tasks;**

- Visual inspection, enclosures, and environmental conditions are maintained i.e. not going out of temperature specs and in a dry environment.
- Performance monitoring of micro grid master controller.

**Qualifications;**

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- Must have minimum Grade 12 Education.
- Must be willing to acquire further training and upgrading as seen fit by Ma'iingan Development LP and Industry standards.
- Post-Secondary Education and/or Training in the Electrical, Energy, or Engineering Sectors considered a strong asset.
- Must be living on-reserve or have own lodging in the community.
- Technical background in power generation or related field
- Familiar with industrial settings
- Able to perform manual labour (physical mobile and able to lift heavy objects, remove snow, climb stairs)
- Self starter
- Dependable
- Good written and verbal communications
- Able to work flexible hours
- Able to read, write and speak fluently in English
- Has electrical training, and
- Has basic computer skills (review computer screen data and take appropriate action including but not limited to reporting)
- Is familiar with the provisions of the Occupational Health and Safety Act, R.S.O. 1990, c.O.1, as amended ("OHSA")

Ensure the following Operator Training Qualification Courses are completed annually to demonstrate their competency:

- Electrical Safety Awareness
- Emergency Preparedness and Response
- General Environmental Awareness
- Operating Procedures
- Facility Systems and Functions
- WHMIS
- Operator Job Duties / Safety Rules
- Personal Protective Equipment, and
- Other training as deemed necessary or appropriate, having regard to the conditions existing at the Solar Battery Facility Site and any operating equipment thereon, and the Maintenance Equipment used in the performance of the Work

**\*\*Applicants must be willing to open availability for the week of March 25, 2019\*\***

Miigwetch for your interest; however only those selected for an interview will be contacted.

**Please send (or hand-in) your resume, and 2 working references by: 12:00 p.m. Friday March 15, 2019 to:**



Hiring Committee  
Ma'iingan Development LP  
General Delivery  
Gull Bay, ON P0T 1P0



Fax: (807) 623-3010 or Email: [kevinwking@hotmail.ca](mailto:kevinwking@hotmail.ca)