



## **JOB DESCRIPTION**

### **Solar Technician – O&M (St-Isidore)**

#### **Corporate Overview:**

EDF Renewables is a green energy pioneer and market leader with over 1,600 MW of solar and wind energy projects in various stages of development, active construction and operation. From our offices in Toronto, Montreal and Calgary, we develop, design, build and operate renewable energy projects that harness the earth's renewable resources, contributing to the consolidation of a green economy and the creation of industries of the future.

#### **Scope of Position:**

The Solar Technician is responsible for performing preventative maintenance, troubleshooting and repair of project equipment related to any aspect of a utility solar plant. This position, under specific direction from the site manager, maintains utility solar plant, including but not limited to preventive maintenance and repairs as needed.

<b>Reports to:</b>	Site Manager
<b>Division/Department:</b>	Solar Operations and Maintenance
<b>Location:</b>	St-Isidore, Ontario
<b>Classification:</b>	Hourly

The individual must have strong electrical/mechanical aptitude, troubleshooting techniques and organizational skills to drive and achieve project uptime and production targets of projects. The individual must be capable of working independently or within a team environment.

#### **Duties and Responsibilities:**

- Maintains adherence to Company policies, environmental health and safety policies and good housekeeping practices;
- Operate and care for company property and equipment in an efficient and safe manner;
- Work safely and willing to seek guidance for any work which they are unfamiliar or do not feel competent to perform safely;
- Perform routine preventative maintenance on utility power solar plants;
- Diagnose and troubleshoot various project system issues such as inverters, switchgears, transformers, breakers, communication equipment, etc.;
- Perform reactive maintenance on utility solar plants;
- Ensure tasks are performed according to organizational requirements for quality management and environmental, health and safety standards, policies and procedures.
- Efficiently complete service orders, preventative maintenance/reactive maintenance documentation, time confirmation and any other required paperwork/documentation for the specific project/assignment, on a daily basis;
- Must be willing to participate in the on-call rotational schedule outside normal operation hours (including nights and weekends) responding to emergency service or project equipment issues;
- Safely escort/oversee third party technicians/contractors on-site as required;
- All additional duties as assigned by the Site Manager or his/her designee.

**Essential Skills, Abilities and Experience:**

- Good communication skills, verbal and written (English);
- Ability to follow good communication skills, verbal and written (English);
- Conduct themselves in a professional manner;
- Strong work ethic, positive team attitude and able to work in a fast-paced environment
- Must have basic computer skills including familiarity with MS Office programs (e.g. Excel and Word).
- Working knowledge of LOTO criteria;
- Understand hourly plant production output targets and what to do if there is any danger of not meeting them, execute a plan for correction or elevate appropriately;
- Ability to identify potential problems and suggest changes and/or corrective actions;
- Electrical experience (high voltage, medium voltage, low voltage, AC/DC voltage);
- Ability to read and comprehend electrical and mechanical schematics, technical manuals, procedures and regulations.

**Valued but not required Skills and Experience:**

- Working experiences in system performance improvements;
- Knowledgeable using SAP or another ERP software;
- Working knowledge in troubleshooting and repairing various types of industrial electrical machinery and equipment, added value;
- First Aid/CPR qualified;
- Possible relocation may be required based on business requirements.

**Qualifications:**

- 3 years combined work/education experience as an Electrical/Mechanical maintenance technician in the renewable energy (Solar or Wind) environment;
- Experience with Substation Switching and Maintenance;
- A secondary technical education (College or University) is a desirable asset;
- Ability to work without direct supervision;
- Ability to work outside in all weather conditions;
- Capability to perform physical work including lifting heavy weights;
- Must have Valid G driver's license;
- Maintain Canadian passport, with the ability to travel to the US.

**Work Environment:**

The work environment characteristics described here are a representative of those an employee encounters while performing the essential functions of this job. While performing the duties of this job, the employee is frequently exposed to:

- Extreme outdoor weather conditions, including cold, heat, rain, wind, etc.;
- High voltage equipment hazards;
- The noise level in the work environment is usually moderate.

EDF Renewables provides a comprehensive benefit package to all regular full-time employees. Some of the highlights of our plan include: medical, dental and vision coverage; life insurance; Long and Short-Term disability; vacation and sick pay; paid holidays; and pension contributions. EDF Renewables' employment plan offers a well-rounded and wide-reaching group of benefits, designed to limit employee's out-of-pocket costs, provided detailed benefits and enhance the personal side of life for our employees.

If you are interested by this position please send your resume to [employment-canada@edf-re.com](mailto:employment-canada@edf-re.com) with the name of the position that you are applying for.