

**JOB DESCRIPTION**  
**Solar Plant Technician – O&M (Orillia)**

**Scope of Position:**

The Solar Plant 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>	Orillia, 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.

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.