



## Product Technologist – Urban Solar

### Overview:

Urban Solar is the leading manufacturer of standalone solar energy systems for the public transportation industry in North America. Our vision is to become the top integrator of off-grid digital amenities at bus stops — enhancing public safety and encouraging the use of public transit.

Reporting to the Engineering Manager and working closely with Urban Solar’s cross-functional development team, the Product Technologist will play a key role in realizing this vision.

The Product Technologist supports the development and production of standalone solar energy systems that power amenities such as real-time signage and lighting at transit stops and shelters. Working with a small, collaborative team, you’ll help integrate new components into both existing infrastructure and custom transit designs by translating engineering concepts into manufacturable documentation and supporting internal teams throughout the product development and production lifecycle.

This role is ideal for a self-motivated, organized individual who is enthusiastic, detail-oriented, and thrives in a hands-on environment. The right candidate brings a team-oriented mindset — someone eager to learn, share knowledge, and collaborate across departments.

We’re looking for someone who’s ready to challenge themselves, isn’t afraid to fail, and is excited to grow in a dynamic role.

### What You’ll Be Doing:

As a Product Technologist, you’ll act as the connective tissue between our Engineering and Operations teams, helping translate design intent into clear, buildable systems. Our products — standalone solar-powered lighting and infrastructure — combine mechanical, electrical, and systems-level components.

You’ll support both our internal stakeholders and Contract Manufacturers by maintaining accurate CAD drawings, technical documentation, and helping troubleshoot design-for-manufacture challenges. If you enjoy working with your hands, solving real-world problems, and being part of a close-knit team, this role is for you.

### Your Responsibilities will include:

- Creating and maintaining mechanical and/or electrical CAD drawings for production
- Preparing and revising technical documentation (BOMs, work instructions, and test procedures)
- Collaborating with Electrical and Mechanical Engineers to translate designs into manufacturable packages
- Responding to technical inquiries from Contract Manufacturers and internal teams
- Participating in design reviews and supporting engineering change orders (ECOs)
- Assisting with prototype builds, component evaluations, and production troubleshooting
- Working cross-functionally to improve the handoff between Engineering and Operations

**Work Eligibility:**

Candidates must be legally entitled to work in Canada on a permanent and unrestricted basis (e.g., Canadian citizen, permanent resident, or holder of an open work permit with no employer restrictions). Sponsorship is not available for this position.

**Requirements:**

- Completion of a Technician or Technologist certificate or diploma from a recognized Canadian college or university (minimum program length of 18 months), or an equivalent credential from an internationally recognized institution
- OR a minimum of 2 years of relevant hands-on experience in Canada in a technical role related to product development, manufacturing, or engineering support
- Proficiency in mechanical and/or electrical CAD software (e.g., SolidWorks, AutoCAD)
- Familiarity with technical documentation and engineering change processes
- Comfort working with physical products and interpreting technical drawings and schematics
- Ability to develop and execute testing and validation plans for integrated electrical systems
- Strong written, verbal, and visual communication skills for explaining technical concepts
- A team-oriented mindset and the ability to work closely within a small organization
- Positive, motivated, and enthusiastic attitude
- Flexibility and adaptability to shifting priorities, timelines, and complexity
- Strong organizational skills and a high level of attention to detail

**Additional Beneficial Skills and Qualities:**

- Experience supporting Contract Manufacturers or supplier relationships
- Knowledge of solar-powered systems, lighting systems, or low-voltage assemblies
- Hands-on experience with prototyping, testing, or field installation
- Familiarity with document control, BOM structuring, and change management systems
- A “hands-on” learner (a hobbyist who loves to spend time in their shop and works on projects at home)

**Location:**

This position is based at Urban Solar’s head office in Victoria, BC. A hybrid work model may be offered; however, candidates must be available for in-office collaboration a minimum of three days per week.

**Application:**

Candidates must submit their resume and a max 200-word essay response on 3 ways transit stops can be improved using solar-powered amenities to [graham@urbansolarcorp.com](mailto:graham@urbansolarcorp.com).

**Salary:**

Full-time (37.5 hours per week)

Starting salary: \$55,000-\$60,000/year

**Benefits:**

Urban Solar team members are entitled to extensive benefits including:

- Monthly team healthy lunches
- Public transit/active commuting reimbursement
- Sparkling water, high-quality coffee and teas
- Teambuilding events and celebrations
- Company library and book club
- Mentorship and coaching
- Working with an awesome team that is passionate about Urban Solar's mission of helping transit agencies build better, safer bus stops.

Following a three-month probation period, Urban Solar team members are entitled to the following additional benefits:

- Comprehensive medical and dental benefits
- \$1,000 annual education credit
- \$500 annual health and fitness credit
- Minimum three weeks' vacation time from the start date of employment
- Urban Solar profit-sharing program
- Flex Fridays
- Hybrid working arrangements (up to 2 days/week based on management discretion)