



About AMP Solar

AMP is a leading global clean energy independent power producer

We build, own and operate large portfolios of clean, sustainable solar power plants and offer dispatchable, high-value flexible energy services to the grid and to our global customers.

AMP's deeply accomplished international team brings extensive experience in global power asset development, project and structured finance, commodity trading, risk management, and engineering. Since its inception in 2009, the Company has successfully developed, financed and constructed/contracted over 520MW of distributed generation and utility scale solar projects across its core markets of Canada, US, UK, Japan and India. The quality and scale of these projects have attracted top-tier institutional partners with over \$1.5 Billion in capital deployed to date.

We believe the future of power markets will increasingly be defined by clean, sustainable, distributed generation and storage, supported by robust and flexible capacity and ancillary services required to balance variable supply and demand. As a clean energy IPP with a leading global track record, AMP is rapidly building a dominant global clean energy IPP platform.

The Company's continued profound growth is supported by world-class local teams in the fastest growing, and most economically attractive power markets in the world. Its 2GW solar-focused investment portfolio is complemented by a rapidly expanding pipeline of flexible energy services to networks of commercial Microgrids and Virtual Power Plants, incorporating different forms of generation and storage within North America and other select international markets.

Position Title

Solar Designer

Location

Port Credit, ON

Reporting Relationships

- Reports directly to the Director, Design and Engineering
- Working closely with AMP's functional groups (e.g. Project Development, Regulatory, Operations, and Technology & Engineering).

Accountabilities and Key Functions

- Knowledge of electrical principles and PV design concepts
- Use AutoCAD software to design photovoltaic from conceptual array layouts to constructible site plans
- Site survey and analysis - immediately identify the constraints of a site to minimize project risks and opportunity cost
- Complete occasional jobsite visits as required to evaluate site conditions, electrical tie-ins, and other items that will impact system design and constructability
- Design the most appropriate system application using various value engineering tools
- Accurately model PV facility energy output estimates using PVSYST software or other accepted modelling tool
- Collaborate with the Team leader to ensure that the design achieves the goals and timelines of the project
- Prepare accurate system performance calculations
- Preparation of detailed construction drawings, documentation and submittals
- Generate system specifications

Education

Experience

- At least 5 years of experience as a designer or design engineer in the solar industry
- Relevant work experience in the design and development of solar projects
- Proficient in CAD is a MUST. A CAD test will be carried out for selected candidate
- Designing utility scale ground mount systems is a MUST
- Strong knowledge of wide range of industry products and technologies including solar panel types and inverters
- Experience with photovoltaic performance modeling tools (preferably PVSyst)
- Knowledge of the National Electric Code
- Previous experience managing projects from initial design to installation and execution is preferred
- Experience in Microgrid design and integration a plus

Skills & Personal Characteristics

- Ability to communicate effectively and clearly in a professional work environment
- Must be detail and results-oriented with an ability to work in a cross-functional, fast paced, and constantly evolving environment that may require extended hours, as required at busy times
- Excellent written and verbal communication skills
- Able to cope with pressure, a team player, prepared to travel if needed

To Apply

Please send your cover letter and resume to Reem Bashatly at rbashatly@ampsolargroup.com

Applications will be assessed as received and the position filled once a suitable candidate has been identified.

We thank all applicants for their interest; however only candidates selected for interview will be contacted. AMP Solar Group is an Equal Opportunity Employer.