

Green Power Labs Inc. is company of solar resource experts and engineers. As solar resource experts we provide solar resource assessment, mapping and forecasting services. As solar engineers we assist clients with assessment, planning and implementation of solar technologies. We bridge the gap between solar technologies and their end users, and facilitate the cost-efficient implementation of solar energy applications. Green Power Labs provides comprehensive and reliable maps of solar resource, and quantifies the solar potential and energy gain, return on investment in solar technology and its positive environmental impact at any particular location. Based on this comprehensive data, Green Power Labs addresses the need for clean, reliable and affordable energy through the engineering and integration of solar energy systems.

Our services include:



Green Power Labs Inc. is uniquely positioned to represent the interests of our customers in the trusted “owner’s engineer” role. Our innovative SOLAR ENGINEER service covers the full scope of a client’s needs from initial consultation to delivery of turnkey solar technology projects.



Solar Architecture is the art and science of building intelligent solar energy solutions for existing or planned buildings and communities. SOLAR ARCHITECT supports the importance of integrated design processes allowing for the full use of solar energy available.



Green Power Labs builds charts to the future; digital maps of solar energy resource are important decision support tools for sustainable development. SOLAR GIS offers a unique toolset for high resolution solar energy monitoring and mapping.



Residential site assessment incorporating advanced imagery to determine impact of obstructions on solar potential. Recommends system design, provides pricing, and ROI analysis. TRUSOLARSHARE service reveals the real solar energy potential of residential properties.



SOLARSTAR RATING is about sensible planning to secure current and future energy needs. By promoting building design highly suitable for solar generation Solar Star Rating advances deployment of solar buildings, houses, communities.



Fun, interactive web based service to introduce consumers to the potential for solar technologies at their home. SOLARRATING ONLINE gives you the information needed to confirm solar technology is a smart investment - one that protects the environment but also reduces long term energy costs.

Green Power Labs' Solar Vision Team

Dr. Alexandre Pavlovski, P.Eng. , President and CEO

Dr. Pavlovski is a professional engineer with over 25 years of expertise in renewable energy field. He holds a Master of Science, Applied Physics, and a Ph.D., Power Conversion degree, and diplomas and certificates in Environmental Policy and Innovations Management. His professional career has taken him through several increasingly challenging research, academic and management positions. His engineering expertise has been focused on alternative/renewable energy applications: solar and wind power generation, and magnetohydrodynamic energy conversion. Today, Dr. Pavlovski serves as President and CEO of Green Power Labs Inc. Dr. Pavlovski also chairs the Energy Security Advisory Council of the Halifax Chamber of Commerce, is a Board Member of the Canada Green Building Council – Atlantic Chapter, and a registered member of the Association of Energy Engineers.

Dr. Vladimir Kostylev, Vice President Research and Development

Dr. Kostylev has 24 years of experience in environmental research and integrated geomatics applications. He received his Ph.D. degree from Gothenburg University (Sweden). Dr. Kostylev has an extensive background in environmental assessment and GIS, linking physical and ecological modeling to digital mapping projects, and use of remote sensing technologies for automated capture and analysis of spatial data. Dr. Kostylev is adjunct professor at Dalhousie University School for Resource and Environmental Studies and a member of national and international committees on integrated environmental management and mapping.

Marlene Moore, Vice President Marketing

Ms. Moore has proven track record of accomplishments in marketing and marketing research, financial management, public relations and journalism. Ms. Moore holds a Bachelor of Business Administration degree from the University of Prince Edward Island. She has an extensive background and over 20 years of experience in public relations, business development and management as well as excellent business reputation.

Jeff Somerville, Vice President Business Development

Mr. Somerville has held various executive roles with TD Bank, including Senior Vice President of National Sales; Senior Vice President, Commercial Banking; and Senior Vice President, Atlantic Region. Most recently, Mr. Somerville served as Vice President Business Development for Nova Scotia Community College. In addition, he served as Chair of the Board of the Metropolitan Halifax Chamber of Commerce, and was selected as one of Atlantic Canada's Top 50 CEOs in 2003.

Jim Fletcher, P.Eng., Chief Engineer

As a team leader, project manager and senior project engineer, Jim Fletcher has led or participated in the definition, development and implementation of a broad range of engineering projects. These have included physical condition assessments of buildings and civil infrastructure, the design and implementation of improvements to buildings, power plants and marine structures, and the structural design of commercial, institutional and industrial buildings, bridges and wharfs. Mr. Fletcher also has several years of experience in capital program management and operations management with Nova Scotia Power. Credentials include a Master's degree in Applied Science from Dalhousie University, and active involvement in Engineers Nova Scotia, the Nova Scotia Chapter of Project Management Institute and the Canadian Green Building Council's Atlantic Chapter.