



In collaboration with its business partners, Polaris Capital Lighting's mission is to be an investor, developer, EPC, and Operator of innovative LED lighting solutions.

*“ONE STOP” energy consortium for the development of LED lighting solutions globally.*

Polaris Capital Lighting (“PLC”) is a division of Polaris Capital Power Inc. (“PCPI”). Its mission is to provide sustainable and intelligent LED lighting solutions. It aims to be an investor, developer, EPC, and operator of sustainable LED lighting solutions globally.

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# Polaris Capital Lighting

## LED Lighting Savings and Solutions

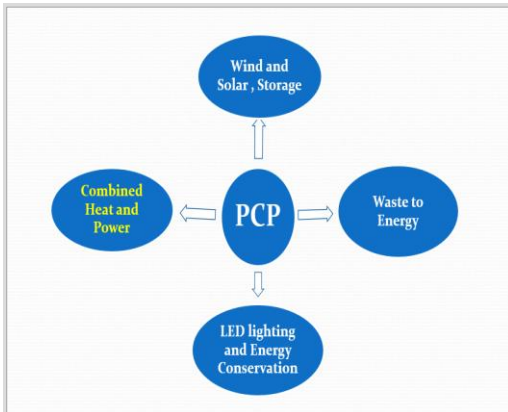


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## Polaris Capital Power Inc.

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- Polaris Capital Power Inc. (“PCPI”) is a renewable energy development company formed by founders of Polaris Capital Enterprises, Adelaide Solar Energy Inc., Constant Solar Energy Corporation, Sungrow Canada Inc., and HISEL Power Corporation, all involved in renewable energy and energy conservation project financing, development, design, engineering, manufacturing and provisioning.
- Apart from its renewable energy development activities, PCPI specializes in LED savings and solutions.



PCPI can qualify, plan, finance, install, commission, and directly manage energy efficiency facilities. PCPI’s experience in the energy efficiency industry started with its shareholders’ involvement in the industry, both in design, manufacturing and project financing.

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Polaris Capital Lighting works with utilities and their commercial and industrial customers to provide solutions in LED lighting improvement projects. An important focus is lighting technologies. Project financing is available.



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## Financing

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**EMC Mode** (Energy Management Contracting): An energy saving mechanism whereby the energy using customer pays part of its energy savings to the installation/service company.

**BOT Mode** (Build – Operate – Transfer): A government issues an agreement which designates an enterprise for a certain infrastructure project.

**EPC Mode** (Engineering Procurement Construction): Design, procurement, construction. The EPC firm does the project on a “Turn Key” basis.

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## LED Savings and Solutions

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- High Efficiency LED Luminaires
- Networked Adaptive Control System
- Intelligent LED Lighting Control Platform
- Develop the design configurations for replacement LED technology, including (but not limited) to lamp wattage, lamp head, and lamp arms where appropriate.
- Develop through the use of networked adaptive controls, LED lamp’s ideal wattage and pole configuration for an efficient lighting plan designed to achieve regulated lighting levels, uniformity, and glare control based on IESNA RP-8-14.
- Source, supply and install all the equipment
- Commissioning the system
- Provide on-going communications
- All on-going maintenance and operations for the street lighting system
- Management of control center
- Project Financing