STACE began its operations in 1977, in Saint-Augustin, QC, Canada, as a member of the conglomerate General Electric until the creation of an autonomous entity in 2015. Its initial core business was the production of Isolated Phase Bus ducts (IPB) for the Quebec’s booming hydroelectric industry, a product that was beforehand built in Philadelphia since 1940, and Peterborough from 1960. The company developed into much more: a true expertise center on balance of plant, by designing and manufacturing electrical equipment for the largest global electricity companies.

Look ahead before others do

STACE quickly became the best at transmitting medium voltage from generators to transformers and developing new ideas and applications.
CUSTOMERS LOCATED WORLDWIDE

STACE now contributes to the global energy development by participating in or leading ambitious projects around the world. STACE managed projects for major corporations such as ABB, BC Hydro, Voith, Gestamp, GE, Hydro-Québec, Saudi Aramco, and many more.

Wind solutions are manufactured from our Saint-Augustin Head quarter, India or China allowing for minimal transport costs wherever your tower manufacturing plants are located.

In addition to the Saint-Augustin plant, STACE now comprises two solar production lines in Trois-Rivières, QC, and a solar power plant in Newberry Springs, California. The 1.68 MW solar park supplies more than 500 homes with clean energy. It also serves as an R&D laboratory for our team.
STACE solar panels are proudly manufactured in Quebec with clean energy, ensuring low carbon footprint.

CERTIFICATIONS & STANDARDS

STACE is proud to demonstrate that its practices are exemplary and that its products can be designed and tested to meet the highest quality standards in the industry.
PRODUCTS

The depth of our portfolio allows us to unleash optimal technology mix for each client and specific project.
SOLAR & ENERGY STORAGE SOLUTIONS

COMPLETE SOLUTIONS (SOLAR & STORAGE)

• Combining flywheel(-s) and solar panels for peak shaving and off grid use.
• Complete SCADA software system for plant optimal power generation.

• Combining Stace Power Cube and solar panels to generate energy for:
  - Off-grid communities
  - Rest stop grids
  - Events
  - Mining industry
  - Humanitarian camps
  - Etc.

ENERGY STORAGE

HIGH CAPACITY FLYWHEEL

<table>
<thead>
<tr>
<th>MAIN FEATURES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>120 kWhT</td>
</tr>
<tr>
<td>Rated Power</td>
<td>Up to 30 kW</td>
</tr>
<tr>
<td>Complete System Software Platform</td>
<td>YES</td>
</tr>
<tr>
<td>Operating Speed</td>
<td>&lt;5,100 rpm</td>
</tr>
<tr>
<td>Response Time</td>
<td>&lt;100 mS</td>
</tr>
</tbody>
</table>

POWER CUBE

• Efficient, safe, green and renewable energy source for users who want to reduce their dependency on diesel or the grid.
• Clean alternative for temporary or permanent installations during events.

• Independent, mobile mini-plant ready for use including solar modules, inverters, a storage management system, batteries and a generator when needed.
• Adaptable and mobile.
**SOLAR**

STACE solar products are versatile and can meet multiple applications and needs. STACE can provide a complete solar power plant of all scales (commercial or residential), including design, manufacturing of all equipment, delivery, installation, commissioning and operations & maintenance.

**MODULES**

**CPV**

STACE Concentrated photovoltaic (CPV) system allows for increased energy production compared to other available technologies. It can reach more than 33% efficiency thus reducing the space required to reach your targets. This innovative solution can be used alone or in combination with a PV system, depending on the proposed site, to maximize power generation.

**PV**

STACE PV series can reach up to 370 maximum power rating and 19.2% module efficiency. Panels’ 45 mm thick frame was designed to resist Canadian specific weather conditions (snow, wind, etc.), and IP67 junction box is included for better climate endurance.

- Solar Cell type: Mono-Crystalline
- Standard or bifacial for a better efficiency.

**MOUNTING**

**TRACKERS**

STACE’s double axis trackers T030 and T050 increase the performance of the fixed PV by 36% and that of PV on single-axis tracker by 13%. It can ensure or improve the profitability of projects.

<table>
<thead>
<tr>
<th></th>
<th>CPV</th>
<th>PV</th>
</tr>
</thead>
<tbody>
<tr>
<td>T030</td>
<td>12 modules</td>
<td>29.4 kW</td>
</tr>
<tr>
<td>T050</td>
<td>3 modules</td>
<td>7.35 kW</td>
</tr>
<tr>
<td>T060</td>
<td>4 modules</td>
<td>9.8 kW</td>
</tr>
</tbody>
</table>

**ROOFTOP STRUCTURE**

**EASY INSTALLATION**

100% top accessible fasteners and unique interlock design reduces the number of components to the lowest.

**CUSTOMIZING FOR BETTER ROI**

The tilt angles are adjustable depending on the project and the modules can be set in portrait or landscape mode.

**CUSTOM**

STACE’s solar modules can be used for multiple applications such as:

- Carport
- Rechargeable terminals
- Ground mounted
- Architectural panels

**SOLAR PLANT ADDITIONAL PRODUCTS**

- Solar skid
- Inverter/Transformer
- Sub-station
- Switchgear