

BIPV Project :

Golden Solar Sail

- Building-integration Type: Public Art Installation
- Color : Metallic Gold

The installation was completed in Oct, 2010. This Gold Solar Sail is a magnificent combination of art and technology radiating beauty and generating 1850Wp.

LOF's Metallic Gold solar cells are laminated to "Solar Sail" shape. The system is located at the front of Ajax Operations Center, Ontario, Canada. This golden solar sail makes Ajax Operations Center the first and the only LEED-certified operations centre in the Region of Durham.



- ▲ An astounding outdoor art installation weigh more than thousands words. It converses with the public about solar energy, in a poetic way.

► The rising of solar sail under the golden sun



BIPV Project :

Seattle-Tacoma International Airport

- Building-integration Type: Solar Tower and Solar Façade
- Special feature: to power the tower's colored LED
- Color : Emerald Green
- Module : 6x13

"The new clock tower at Seattle-Tacoma International Airport is a landmark entry art piece highlighted by a vertical row of custom green building integrated photovoltaic modules. The installation, called "Emerald City," was designed by Seattle-based artists Laura Haddad and Tom Drugan." – Glass Magazine

They chose our Emerald Green solar cell and combined it with glass to glass module. Emerald Green modules were installed in Seattle-Tac Airport, USA in Dec 2010. "The modules power the tower's internal colored LED lights that create a visual thermometer by sensing the outside temperature and representing it with correlating colors."

The double glazing panel's front glass is 4mm and the back glass is 6mm. The emerald green solar cells were encapsulated into the glasses with 1.5mm PVB (polyvinyl butyral). Then each panel is installed in a stainless steel mullion system. Each module is titled toward the sun at a slightly different angle. It brings a glittering new look to the airport.



◀ Emerald City's Green PV Tower in Tacoma International Airport.

