



At Mitrex, we produce integrated solar products that meet the construction and design needs of builders, architects, engineers, and developers. We make easily installed, aesthetically pleasing building-integrated photovoltaics (BIPV) that extend a structure's energy-generating potential down to the vertical walls.

With Mitrex solar integrated technology, any building can become a micro power plant.

### **Cost-Effective Turnkey Services**

Mitrex turnkey services include analyzing optimal solar design, budget assessment and scheduling, rapid production at our Toronto facility, and project management. We offer our services at a cost comparable to traditional building envelope options, with the added value of solar energy generation.

### **Endless Applications**

Our solar glass has transparency and tint options and can be used in code-compliant balcony railings, curtainwalls, windows, skylights, or in place of any other glass product.

Our lightweight solar cladding can be customized to construction and aesthetic needs. Our cladding contains solar cells protected by tempered glass and backed with a composite aluminum honeycomb for maximum structural integrity. The cladding face is coated with a customizable ceramic layer, allowing clients full control over the design of their façade.

Best of all, buildings become solar energy generators.

### **The Environmental Impact**

One year of a typical 30-storey building with Mitrex BIPV produces 400,000 kWh of energy. This is the equivalent of a yearly power supply for 48 homes. It's the carbon equivalent of taking 61 cars off the road or planting over 180,000 trees.

Imagine the environmental impact of a whole city with Mitrex technology. Imagine roads, highway barriers, and silos built with solar energy generation in mind. Solar cells are no longer something you add, but something you integrate.

At Mitrex, our mission is to accelerate the adoption of energy-generating structures, one construction project at a time.

To discover how Mitrex can benefit your construction projects, book a meeting today.