



PROJECT OVERVIEW

Location: Kanazawa, Japan

Completed: March, 2005

Owners: Kanazawa Municipal Government

Installer: A joint venture between Chisansya, Oka Gumi and Honjin Jutako System

Size: 112 kilowatts

Number of panels: 3,000

Product: Suntech See Thru Photovoltaic Glazing

Energy Saved: 86,465 kilowatt hours annually

BENEFITS

- 86,465 kilowatt hours saved annually
- Reduction of 686 tons of carbon dioxide over a 20 year period
- Supports the city of Kanazawa's goal of building sustainable public buildings
- Reduces Kanazawa Municipality's exposure to rising energy prices in the future
- Significant reduction of Kanazawa Terminal's carbon footprint

"Kanazawa Bus Terminal is the largest solar project that we have completed to date—a 3000m² project that required Suntech MSK to manufacture 140 custom shaped solar modules for us."

Greg McCarthy, P.E.

Contract Manager for SFO Solar Installation

World's Largest Thin Film PV Glazing Project Uses Suntech's See Thru™

The Goal: A Commitment to the Environment and Good Design

When the Kanazawa Municipal Government sought to build a business terminal, it had two important goals in mind. It wanted to build a bus terminal with an environmentally friendly technology that would be a statement for the future of Kanazawa. At the same time, however, the Municipal Government did not wish to compromise on the aesthetic appearance of the building.

Suntech's See Thru Glazing Product Chosen for Its Environmental and Aesthetic Strengths

To meet these goals, Taiyo Architects chose See Thru for its ability to generate clean power and contribute to the design aesthetic the city envisioned for its terminal. See Thru panels were used to form the bus shelters at the terminal, covering over 3000 square meters and making the Kanazawa Terminal the largest thin film photovoltaic glazing project in the world today.



Kanazawa See Thru Installation Saves 86,465 Kilowatt Hours Annually

By integrating See Thru semi-transparent panels into the architecture of the terminal, Kanazawa was able to make a substantial contribution to the environment. The Suntech installation at Kanazawa saves 86,465 kilowatt hours annually and will reduce 686 tons of carbon over a 20 year period.



Suntech was founded on a passion for solar energy and its power to transform the way we live. Our dreams for tomorrow are BIG and our company has grown exponentially to realize our aspirations for a greener tomorrow.

Today we stand on the cusp of a revolution that will change the way the world generates electricity, and at Suntech we are working hard to introduce tomorrow's technology to the world today!

This is Suntech. We believe in the power of solar energy. It is what we do. ***It is all that we do!***

Flexibility of See Thru Proves Valuable for Taiyo Architects

When designing the Kanazawa bus terminal, Taiyo Architects required a product that was flexible and could adapt to the unique design of the terminal. The Kanazawa terminal project was particularly complex and challenging because it required more than 100 different irregular module shapes. Laminates were also customized to meet heavy snow load requirements and other design considerations.