

Building Integrated Photovoltaic Power Generation Project

This power generation project integrates photovoltaic panels directly into the building's structure. The design showcases a multi-story building utilizing both flat and curved roof sections for solar energy capture.



Project Overview

Building Integrated Photovoltaic Power Generation

This project represents a significant initiative in the construction field, integrating solar photovoltaic power generation directly into campus building infrastructure. Located in Guangzhou University City, the system utilizes roof-mounted photovoltaic cells to harness renewable energy. This installation supports national energy-saving policies and demonstrates a successful model for sustainable building design.

Technical Specifications

Total Installed Capacity

3.00384 kWp

Total Capacity

Project Timeline

Completion Date	April 2010
Expected Grid Connection	September 2010

Location Details

Project Location	Guangzhou University City, South China University of Technology, Sun Yat-sen University
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Project Details

Application Type

Building Integrated Photovoltaic (BIPV) • Campus Infrastructure • Renewable Energy