

Building Integrated Photovoltaic (BIPV) System

This system integrates photovoltaic panels directly into the building's architecture. The design maximizes sunlight capture, contributing to sustainable and efficient energy generation.



Project Overview

Sustainable Energy Integration

This Building Integrated Photovoltaic (BIPV) system represents a significant advancement in sustainable construction, utilizing rooftop space for clean energy generation. By integrating photovoltaic cells directly into the building architecture, the system promotes national energy-saving policies within the healthcare and education sectors. The installation serves as a practical model for large-scale solar power implementation in urban campus environments.

Total Installed Capacity

3.00384 Wp
Installed Capacity

Timeline and Location

Location

- Guangzhou University City
- South China University of Technology
- Sun Yat-sen University

Completion Date

April 2010

Grid Connection Status

Expected September 2010

System Features

Application Type

BIPV, Rooftop Solar, Campus Infrastructure, Hospital Energy