

PHOTOVOLTAIC FAÇADE RENOVATION

This project, led by Pepper Saving Bank, involved the **replacement of existing inactive glass** with Onyx Solar's PV glass, transforming the building into a source of free and clean energy, thereby significantly reducing electricity expenses.

Each glass module is equipped with 60 **mono-crystalline solar cells**.

The **layout was customized to achieve the desired nominal power, visible light transmittance and solar heat gain coefficient** desired by the customer to enhance the building's energy efficiency.



TECHNICAL DATA

Nominal Power (Wp/m ²)	100 Wp/m ²
Visible Light Transmittance (VLT)	30%
Solar Factor (g-value)	23%
U value (W/m ² K)	N/A
U value (Btu/h ft ² °F)	N/A
Light Reflection (external)	8%



PEPPER SAVINGS BANK
 SEONGNAM, KOREA
FAÇADE
 CRYSTALLINE SILICON TECHNOLOGY

"Our commitment to sustainability is instilled through everything we do; from our interactions with customers and employees, through to our environmental impact on the local communities around us."
 Matthew Chang - CEO Pepper Bank



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