

Sunjoule[®], Building Integrated Photovoltaic (BIPV) Glass, Adopted for Bicycle Sharing Station at Shizuoka Station's North Exit Square

Tokyo, December 25, 2023 -AGC (Headquarters: Tokyo; President: Yoshinori Hirai), a world-leading manufacturer of glass, chemicals, and high-tech materials, has announced that Sunjoule[®], a Building Integrated Photovoltaic (BIPV) glass, has been adopted for the roof of the bicycle parking lot at the Shizuoka Station North Exit Square. This roof was installed by TOKAI Cable Network Corporation, and will enable to generate solar power with a maximum output of 3.7kw from Sunjoule[®].



Image of completed facility

The bicycle parking lot is one of the bases for the "PULCLE" bicycle sharing system that Shizuoka City is implementing to promote the use of public transportation, reduce environmental impact, and revitalize the local community. By installing a storage battery and electric bulletin boards, in addition to installing Sunjoule[®] on the roof, this area is expected to serve as a "disaster-resistant renewable energy station" that will open its charging ports and provide disaster information in the event of a disaster.

The AGC Group has set "Promotion of sustainability management" as one of the key strategies in its medium-term management plan, [AGC plus-2023](#), and is aiming to accelerate the resolution of social issues through materials innovation. The group will continue to contribute to the realization of sustainability in collaboration with local communities and governments through the power of its original materials and solutions.

<Media inquiries>

Chikako Ogawa, General Manager, Corporate Communications & Investor Relations Division,
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< Reference >

About Sunjoule®

Sunjoule® is the one-stop shop for photovoltaics-embedded glass solutions that offers three main values.

① **Efficient power generation:** Utilizing building exteriors



Paseo de Gracia / BARCELONA - SPAIN

While serving as architectural glass, Sunjoule® can generate renewable energy. Parts of buildings made of glass such as facades, windows, eaves, and balconies, which have not previously been utilized for power generation, will have the ability to generate electricity using sunlight. Since the glass is integrated with the buildings, there is no need to secure new land for power generation.

② **No compromise on design:** Fully customizable



Dulwich College / Singapore

Solar power can be generated without compromising the aesthetics of the building.

Architects and designers can arrange and deploy glass sizes and photovoltaic cells as they wish to create their own original designs.

③ **Visible Environmental Initiatives:**

Energy creation through exteriors



Dulwich College / Singapore

By placing Sunjoule® on a building's exterior, that are visible to many people, stakeholders, including owners and tenants, can clearly show they are taking actual steps to achieve carbon neutrality and realize a sustainable future.

Sunjoule® website: <https://www.asahiglassplaza.net/products/sunjoule/>

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