

## AGC's BIPV product Adopted for Takanawa Gateway Station

Tokyo, May 8, 2020—AGC (Headquarters: Tokyo; President: Takuya Shimamura) has announced that its Building Integrated Photovoltaic (BIPV) product has been adopted for Takanawa Gateway Station (Minato-ku, Tokyo) which recently opened on March 14, 2020.

Under its "Global Gateway Shinagawa" concept, Takanawa Gateway Station has its sights set on being the world's gateway to Tokyo, and is positioned as a launching point for new ideas including the introduction and proof-of-concept testing of state-of-the-art station facilities.

As part of this initiative, AGC's "Sunjoule™" series—which combines photovoltaic performance with glass's natural benefit of realizing bright spaces—was adopted in the station to achieve a balance of both design that ensures good natural lighting together with the ecostation\*<sup>1</sup> strategy promoted by JR East which incorporates environmentally-conscious technologies.

Sunjoule™ has been installed at two locations: the roof of Takanawa Gateway Station's Tokyo-bound platform and also wall surfaces in the station, where it is helping the station achieve its goal of integrating environment and comfort in its design.



Sunjoule™ adopted for the platform roof



Sunjoule™ SUDARE installed as the station's windows

(Photos provided courtesy of JR EAST and JR EAST DESIGN CORPORATION)

Under its **AGC plus** management policy, the AGC Group has made a commitment to create products that add various pluses for stakeholders. Pluses for society include 'safety,' 'security,' and 'comfort,' while pluses for customers include 'new value' and 'functionality.'

\*1: An initiative to incorporate various environmentally-conscious technologies in stations, such as energy-efficient and renewable energy technologies. The ecostation concept consists of four key components: "energy efficiency, energy creation, eco-sensibilities, and environmental harmony," each of which is incorporated into station design.

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### MEDIA INQUIRIES

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## News Release.

### REFERENCE

#### About Sunjoule™

##### Building Integrated Photovoltaic

Sunjoule™ is a Building Integrated Photovoltaic (BIPV) product comprising of a laminated safety glass with embedded solar cells. The solar cells are possible to generate energy with glass installed for façade, canopy, top light, curtain wall where the normal glass is installed. Sunjoule™ realizes a sense of openness combined with heat shielding performance, has outstanding aesthetics, and offers broad design freedom in both exteriors and interiors. In today's world, environmental consideration is demanded in a variety of settings, and Sunjoule™ responds by not only supporting ZEB (Net Zero Energy Building) but also opening up new possibilities for glass.

Product webpage: <https://www.agc-gk.com/bldg/products/sunjoule/>

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