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Kyudenko Corporation

Kyudenko and Partners Receive Joint New Energy Foundation Chairman's Award at the 2022 New Energy Awards

Kyudenko, the city of Ogi in Saga Prefecture, and Kokusai Kogyo Co., Ltd., have jointly received the New Energy Foundation Chairman's Award in the distributed new energy advanced model category at the 2022 New Energy Awards.

The New Energy Awards, whose goal is to promote adoption of new energy and related technologies, are granted by the New Energy Foundation to new-energy initiatives involving the development of equipment, installation of facilities, raising of awareness, use of distributed energy, or installation of related equipment in a regionally unique manner.

The award recognizes a facility that was installed and began operating in February 2022 after a corporate group led by Kyudenko's Saga Branch Office submitted a proposal under the Ogi City Office Disaster Preparedness Hope and Resilience Program in partnership with Kokusai Kogyo. The partners were chosen as the best applicants.

The proposal to the city of Ogi consisted of installing a carport with solar panels along with a lead-acid battery energy storage system at the site of the Ogi City Office and using the company's Kyudenko EMS* to supply renewable energy both for use in the event of a natural disaster and to offset a large portion of the office's electricity use day in and day out. The system has enabled the office to slash its CO_2 emissions by about 90%.
The installation's lead-acid batteries, which ordinarily deliver a comparatively short service life, are designed to operate using multiple circuits to facilitate stable use over an extended period of time. (Patent No. 6235061)

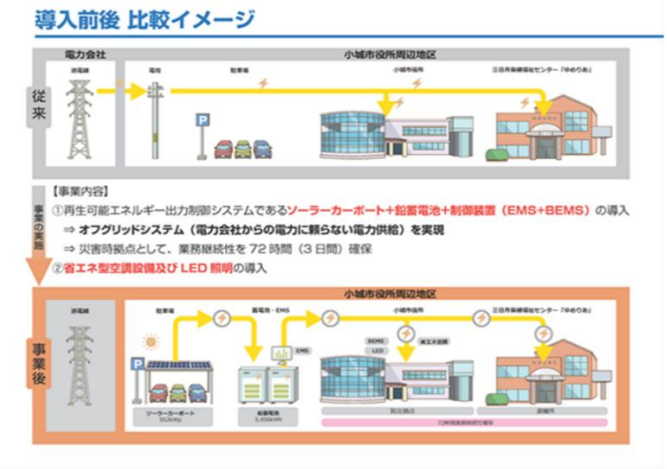
Going forward, Kyudenko will continue to supply technologies that contribute to society's effort to achieve carbon neutrality in the field of renewable energy.

*Kyudenko EMS is an independent electricity generation system that controls the supply of power from renewable energy sources such as solar power, which are characterized by fluctuating output, to provide stable and consistent power.

Key considerations in the decision to grant the New Energy Award (from the New Energy Foundation's website)

The project installed a solar panel-equipped carport, lead-acid storage batteries, and an energy management system (552 kW) in the city office's parking lot to create an off-grid system that supplies the power used by the entire city office and part of Health and Welfare Center.

The project was praised for its installation of a carport equipped with a large solar power system in the city office's parking lot, its use of lead-acid storage batteries from the standpoint of safety and recyclability, and its use of an off-grid system for supplying power. The project provides a model that should have pronounced knock-on effects for other local governments at a time when the need for the ability to supply power to essential facilities in times of disaster is rising.



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