

Aiming to Contribute to 100% Carbon-Free Electricity

Mitsubishi Electric Contributes To 100% Carbon-Free Electricity Through The 24/7 Carbon-Free Energy Compact

Delivering innovative solutions for a sustainable society, Mitsubishi Electric has announced that it has joined the 24/7 Carbon-Free Energy Compact (24/7 CFE), established by the United Nations with the goal of decarbonizing electricity worldwide. Through its participation in the 24/7 Carbon-Free Energy Compact, Mitsubishi Electric aims to contribute to the transition toward 100% carbon-free electricity by encouraging energy transformation across stakeholders within the energy ecosystem.

Mitsubishi Electric continues its initiatives that contribute to societal health and well-being through energy and resource efficiency. Most recently, the company announced its participation in the 24/7 Carbon-Free Energy Compact, launched by the United Nations to promote the global decarbonization of electricity. The Compact brings together more than 130 organizations worldwide, including major information technology, finance, and investment institutions, and represents a commitment to ensuring that every kilowatt-hour of electricity consumption is matched with carbon-free energy sources, every hour of every day, everywhere.

By joining the Compact, Mitsubishi Electric commits to providing a range of energy optimization technologies and solutions aligned with the principles of the 24/7 CFE Compact to support decarbonization efforts. For example, Mitsubishi Electric's cloud-based service "Multi RegionEMS" enables companies to manage decarbonization targets across all their facilities. The service optimizes the required number of environmental value certificates to be procured and transfers renewable energy value among multiple sites. To ensure the most precise management of environmental value, Multi RegionEMS aggregates renewable energy value in 30-minute intervals. Another Mitsubishi Electric solution, the BLEnDer®CN for Supplier software package, enables energy retailers in Japan to offer carbon-free electricity plans to consumers.

Leading the Way Toward a Clean and Renewable Energy Ecosystem

Guided by its management philosophy "Changes for the Better," Mitsubishi Electric continues to align its efforts with the United Nations Sustainable Development Goals, targeted for achievement by 2030. By focusing on goals such as Affordable and Clean Energy, Sustainable Cities and Communities, Climate Action, Health and Well-Being, and Industry, Innovation and Infrastructure, Mitsubishi Electric delivers new technologies, systems, and solutions that benefit society. Through active participation in the 24/7 Carbon-Free Energy Compact, the company aims to take a leading role in building a 100% carbon-free, clean, and renewable energy ecosystem in the years ahead.