

Attachment

■ Outline of the Demonstration Tests

1. Demonstration Equipment

NEC: Lithium-ion rechargeable batteries (systems), photovoltaic cells (photovoltaic generation systems), energy management systems (EMS controllers, EMS remote servers)

Pixela: Photocatalytic paint

2. Details of the Demonstration

A photovoltaic generation system is installed adjacent to a mobile phone base station. In addition, systems such as lithium-ion rechargeable battery systems and energy management systems are stored inside the base station housing, enabling remote centralized monitoring and control. The outside of the base station housing is coated with a photocatalytic paint to reduce indoor temperature rises due to sunlight.

