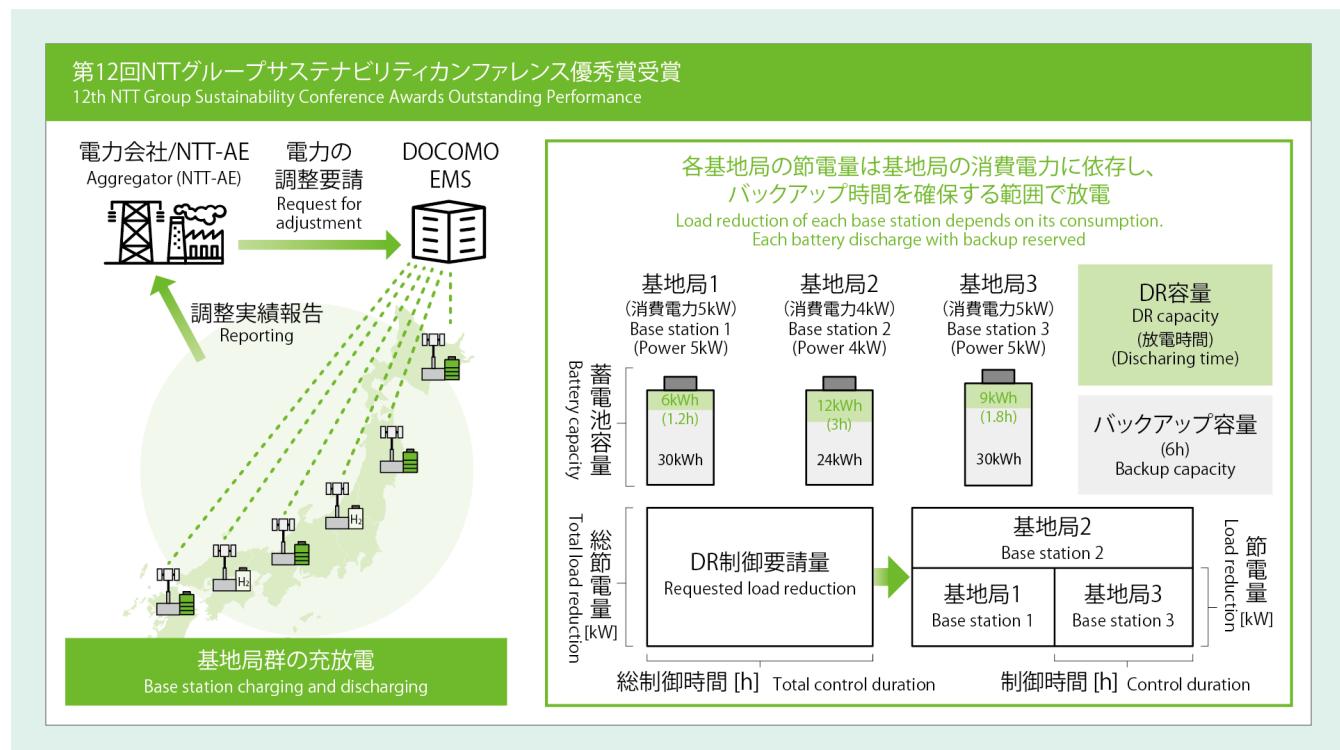


Energy saving by battery control in base stations and docomo Shops Demand response using base stations

Background and Technical Challenges

To meet electricity reduction requests from the power company, it is essential to properly control the charging and discharging timing of batteries at each site, as discharge rates vary due to differences in installed equipment.



R&D Goals and Outcomes

Contributing to society-wide electricity conservation by controlling batteries at each location during peak demand.

Key Technologies

01 Core Technologies

This technology optimizes battery operation schedules for each site to meet power reduction requests, while ensuring that backup capacity is secured.

02 Key Differentiators

This patented technology, which includes an in-house energy management system, is in commercial use at base stations and docomo Shops in the Tokyo and Shikoku electric service areas.

Use Cases Energy

R&D phase Business

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