Demonstration Projects with the Aim of Developing Joint Crediting Mechanism FY2013

JCM Demonstration and Verification Project

Low Carbon Hotel-a New Energy Management System for Vietnam (V-BEMS) In Vietnam

New Energy and Industrial Technology Development Organization (NEDO)
Hibiya Engineering, Ltd. and Mitsubishi UFJ Morgan Stanley Securities Co., Ltd
JCM Demonstration Project
Low Carbon Hotel-a New Energy Management System for Vietnam (V-BEMS)

Summary
The Project will develop a new energy-saving product for widespread use in Vietnam by integrating highly-proven Japanese existing technologies while demonstrating energy saving effect.

Summary of Introduced Technology

Chiller plant system (V-BEMS)

V-BEMS will be developed as the Vietnam-oriented BEMS (Building and Energy Management System), consisting of low-cost hardware and high-function software, utilizing Japanese proven technology. The operation manual will also be adapted for Vietnam environment.

Lighting system (V-SLC)

Hibiya Engineering has developed its own flexible lighting control system, called SLC (Smart Lighting Controller). Using this SLC technology, the Project will develop V-SLC reflecting Vietnamese regulations, including newly designed software. V-SLC will accelerate the penetration of energy-saving mind and methodologies in Vietnam.

Hot-water supply system (Best mix control system)

Best mix control will be introduced for each facility, reflecting renewable energy utilization, heat-pump technology introduction, and then will achieve energy efficiency improvement.