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MITSUBISHI MOTORS

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Mitsubishi Motors Corporation
What EV Will Bring

Home life, Car life

Energy Supply

Renewable Energy
PV, Wind Power,
Hydro-energy...

Battery, Motor,
Inverter, 2\textsuperscript{nd} use

Transportation

EV Taxi,
EV Car sharing
Park and Ride...

Electrification,
Green Power,
Smart Grid...

Automotive industry
Test equipment with solar panels, PCS (Power Conditioning System) and re-use batteries storage will be set in front of Okazaki factory’s building. The test is scheduled to start in March, 2012.
Mitsubishi Motors “V2X Project” outline

Energy Management System (EMS) development in Okazaki. EMS use electricity made by solar panels, EVs and re-use batteries storage and equalize Okazaki factory’s electric power demand.
Discharge function

We support our dischargeable i-MiEV as one of the functions of the house by using the intelligent power conditioner.
Developments and tasks of power supply from EV

To develop conversion from DC (EV’s battery) into AC (home appliances) is needed. Then, the technology to output electric DC power from EV and change into AC power by "Power Conditioner" in home is under study. There are still many issues to solve in this method. (ex. Technical standards of discharge function, Development of laws, etc.)
Large capacity electricity supply device (Prototype)

Quick Charger port

Large capacity electricity supply device (Prototype)

Rice Cooker
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