Kitakyushu smart community creation project

Managing members: Kitakyushu City, Fuji Electric, Nippon Steel Corporation, IBM Japan
CEMS linked with respective EMS (FEMS, BEMS, REMS etc.)

> Build regional energy management system including demand response (DR)

- Main devices and systems Fuji Electric supplies

Community energy management systems (CEMS)
- New energy (PV, wind power) power generation forecasts
- Optimal supply-demand planning and control, frequency control
- Demand response functions
- Making smart meter linkage visible etc.

Smart industrial parks
- PCSs for installation in communities
- Power receiving and distribution substation equipment
- Inverters
- Fans, pumps etc.

Smart plants
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- Inverters
- Fans, pumps etc.

Smart stores
- Quick chargers for EV
- Smart meters
- Energy-saving showcases and refrigerators

Regional energy management (CEMS)
- Higashida Cogeneration
- Next-generation FEMS
- Next-generation BEMS for hospitals
- Smart stores
- DR-compatible smart meters

Smart meters
- Display devices in the home

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