New Business Opportunity for Smart Community by Solar Power

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Three Hard Truths - After Fukushima

- Increase in Population Economic Development
- Surging Energy Demand
- Renewable Energy Energy Conservation

- Energy Supply Security
- Increase in Environmental Stresses

PV Peak Shift
Demand Response
Smart meter
PV + EV
HEMS / DSM
Local Load M

After Fukushima 3.11.
Key Element for Smart Community

- **Demand Management with PV**
  HEMS, Smart meters, Peak Shift, Dynamic pricing, Demand Side Management
  Intelligent PCS with PV,

- **Energy Storage with PV/Battery/EV**
  New Battery, Mutual Energy Exchange, V2H, V2G, (EV/pHV), Emergency Use,

- **Local Energy Optimization**
  Local Load Management
  Local Energy Management System
We support the Smart Community

Energy Conservation
In case of Emergency, Life-line Support SS

- Decentralized power generation - better prepared for natural disasters
- Cost reduction from shorter power grids and energy conservation
- CO₂ Reduction

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