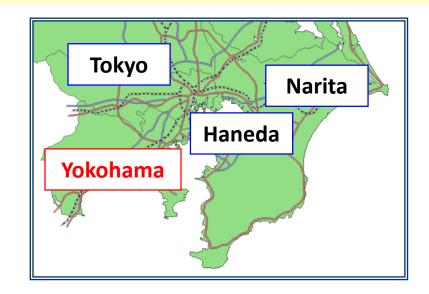
About Yokohama





- ➤International port city

 Opening of port of Yokohama in 1859
- ➤ Population: approx. 3.7 million Second largest city in Japan
- ➤GDP: approx. 12.7 trillion JPY (approx. 113 billion USD)
- ▶20 minutes from Haneda Airport (Tokyo)

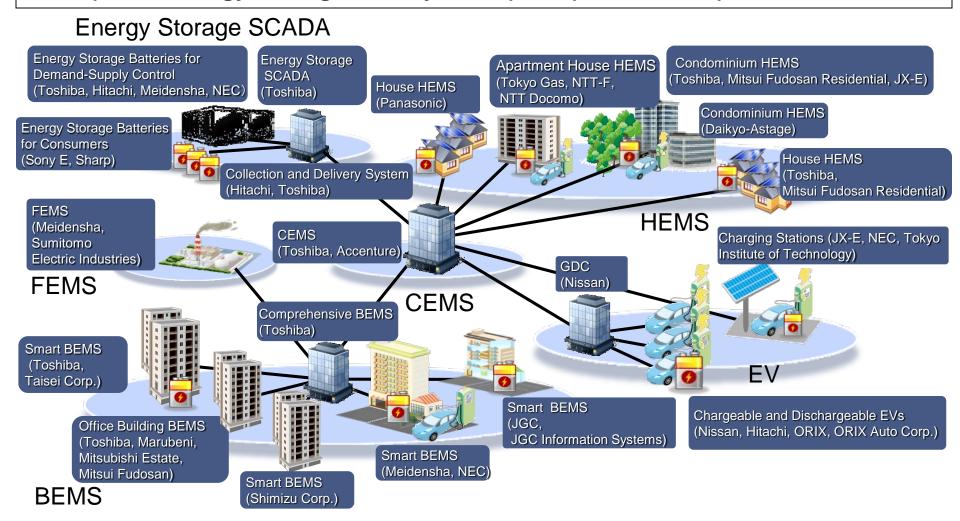


Overview of Yokohama Smart City Project



(Coordination between Yokohama City, 34 businesses, and 15 projects)

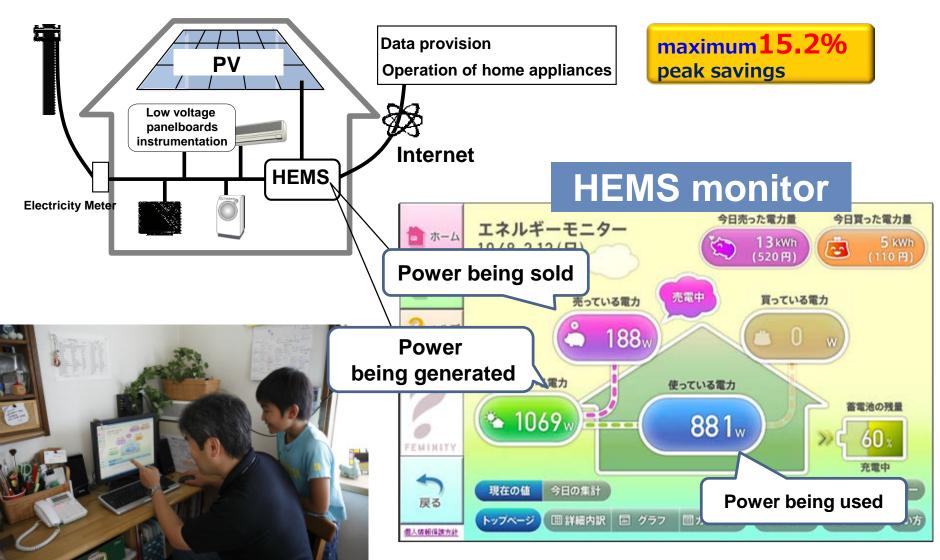
Results (To FY2013)
HEMS(Home energy management system) (4,200) PV (37MW) EV (2,300)



The Workings of a HEMS (Home Energy Management System)

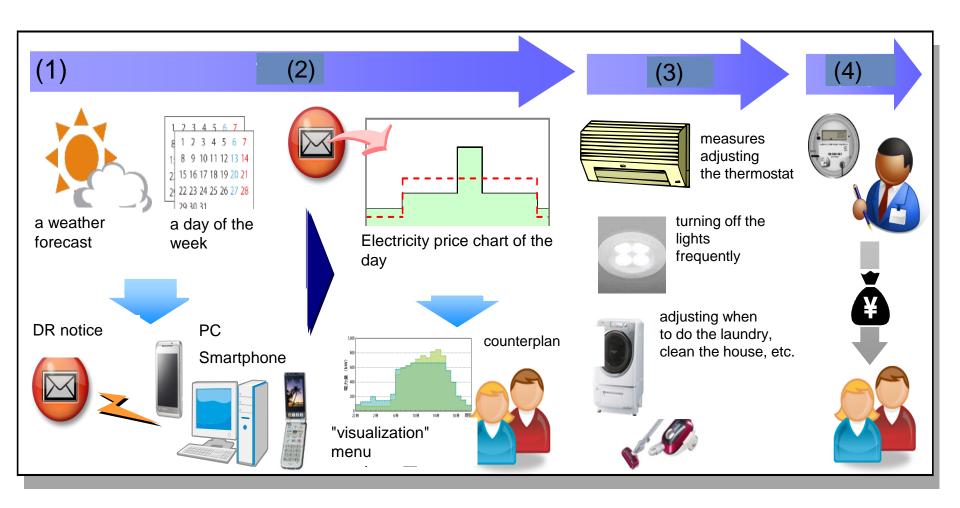


OMaximum peak shaving of 15.2% was confirmed with a demand response.



Social Verification Experiment of Demand Response (DR) using HEMS





Implementation of YSCP - based on public-private partnership



"Yokohama Smart Business Association," a new organization resting on public-priv ate partnership (slated for April 2015), in order to bring energycirculating cities into reality by making use the results of YSCP.

Demonstration of

YSCP

YSCP

Promotion Council

- Power peak dispersion
- **Demand response**
- Reduction of the total level of power use etc.

YSBA

<8 secretary members>





Yokohama Smart **Business Association**

-Partner companies-

Energy suppliers, construction companies, ma nufacturers of electrical machinery etc.

- Promotion of energy reduction and creation
- Higher resilience to disasters
- Economic stimulation
- Further heightening of citizen recognition

<7 general members>























