



GS Yuasa Participates in Virtual Power Plant Construction Verification Project

-Verification project started jointly with companies including Kansai Electric Power-

GS Yuasa Corporation (Tokyo Stock Exchange: 6674; “GS Yuasa”) announced that it, together with 13 other companies* including The Kansai Electric Power Company, Incorporated (“Kansai Electric Power”), was chosen for the Virtual Power Plant (VPP) Construction Verification Project subsidized by the Agency for Natural Resources and Energy, the Ministry of Economy, Trade and Industry, and received the grant notification on July 21, 2016.

The verification project is aimed at realizing a new, non-conventional energy management for the construction of energy infrastructure that contributes to efficient energy utilization by the society as a whole, amid advancing electric power deregulation and electric power system reforms.

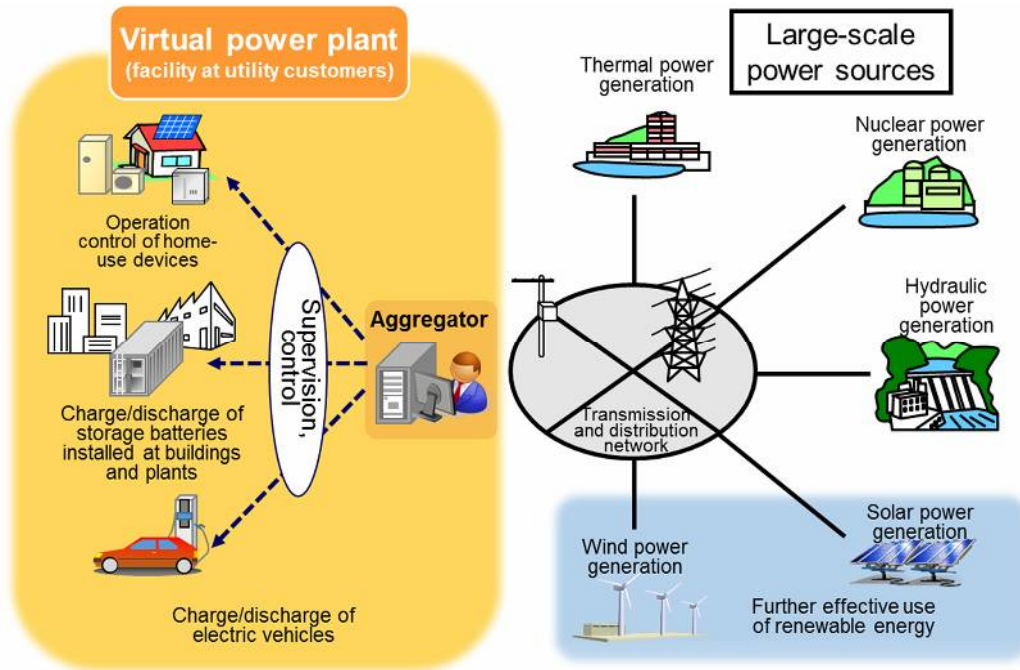
In particular, we will connect customer devices (resources) that dot the power system via IoT (Internet of Things) and centrally control them to effectively utilize the supply-demand adjusting capacity that can be produced from customer facilities, and ultimately construct a mechanism to make them function as if it were one electric power plant (virtual power plant).

GS Yuasa will install large-size storage batteries at its company dormitory in Muko City, Kyoto Prefecture, as its in-house facility, connect the interface of the storage batteries and control program to the Internet and then to the storage battery server, and verify whether signal transmission and reception can be carried out in accordance with the requirements.

Through this verification project, GS Yuasa aims to realize new energy management that links storage batteries and IT technology, optimization of energy use employing such management and further expanding introduction of storage batteries, which are installed with renewable energy power sources, and contribute to the realization of low carbon society.

* The 14 companies of The Kansai Electric Power Company, Incorporated, Fuji Electric Co., Ltd., Sansha Electric Manufacturing Co., Ltd., GS Yuasa Corporation, Sumitomo Electric Industries, Ltd., Nihon Unisys, Ltd., NTT Smile Energy Inc., Enegate Co., Ltd., ELIY Power Co., Ltd., Obayashi Corporation, Kansai Electrical Safety Inspection Association, Daihen Corporation, Nature Japan Co., Ltd., and Mitsubishi Corporation.

[The image of the Virtual Power Plant Construction Verification Project]



[Image of the virtual power plant system configuration]

