

16. Nov, 2011

**SANYO Celebrates First Anniversary of the Opening of Kasai Green Energy Park  
A Testing Site for Cutting-edge Green Technology**

Green Energy Park exceeds expectations for reductions in power consumption

Tokyo, November 16, 2011 - SANYO Electric Co., Ltd. (SANYO), a member of the Panasonic Group, is pleased to announce that SANYO's Kasai Green Energy Park (Kasai GEP), a massive testing site and showcase for the cutting-edge environmental technology of the Panasonic Group, is celebrating the first anniversary of its opening. The results of the verification tests carried out at the facility since its opening have been very positive, exceeding the initial targets set for the facility.

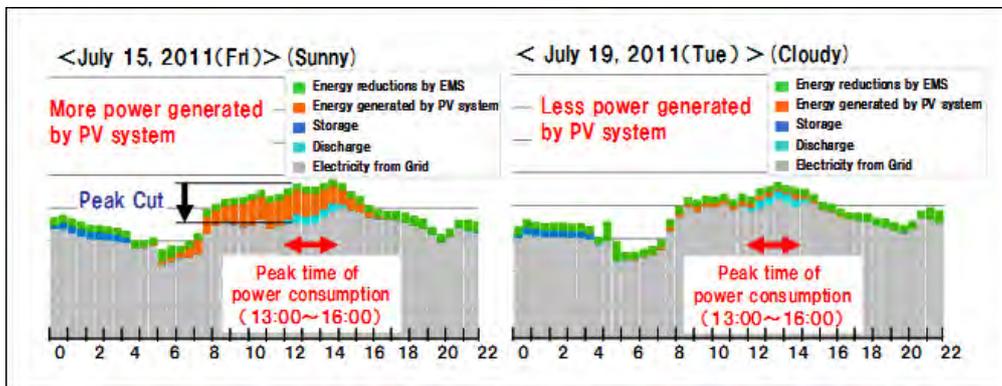
The Kasai GEP, located in SANYO's Kasai Plant (Kasai City, Hyogo Prefecture, Japan), is equipped with a variety of innovative green technologies, including a 1MW photovoltaic (PV) system that uses HIT<sup>®1</sup> solar modules with one of the highest levels of conversion efficiency in the industry, a 1.5MWh lithium-ion battery system for power storage, one of the largest lithium-ion storage battery system in the world, an Energy Management System (EMS) that controls all the energy efficient equipment in the park, and a Smart Energy System (SES) that optimally manages energy usage in all these systems.

Through these cutting-edge systems and technologies in the Kasai GEP, SANYO has been able to achieve a 17%<sup>2</sup> reduction in the power consumption during peak time in summer without sacrificing convenience and comfort. In addition, the power generated by the PV system and the energy saving effect of the Administration Building (one of the park facilities) EMS is equivalent to approximately 125% of the power consumption in the Administration Building, dramatically surpassing the initial goal of 90%. (PV system: approximately 110%, Administration Building EMS: approximately 15%)

The Kasai GEP will continue to contribute to the development of new products and systems as a testing site for technology for energy creation, energy storage, energy saving, and energy management to optimally control all these systems.

<sup>\*1</sup> HIT<sup>®</sup> is a registered trademark of SANYO Electric Co., Ltd. The name "HIT<sup>®</sup>" comes from "Heterojunction with Intrinsic Thin-layer" which is an original technology of SANYO Electric Co., Ltd.

<sup>\*2</sup> Average during peak time in July, 13:00-16:00



Energy consumption in July reduced by an average of 17% during the peak time 13:00~16:00

$$\text{Peak Cut rate (\%)} = \left( 1 - \frac{\text{Electricity from Grid}}{\text{Total Electricity}} \right) \times 100$$