

ENEFARM continues its operation even at power outages

A new battery for use with ENEFARM was co-developed by TEPCO and Taiko Electric. The battery is optionally coupled with ENEFARM.

When power is out, the battery enables ENEFARM to continuously operate.

The battery may be charged by using an inexpensive nighttime electricity service, and at low voltage. It also supplies the minimum electricity that is necessary to operate TV, refrigerator, lighting fitting etc. for 24 hours, if necessary, when power outages occur. The price is 1,680,000 yen (1 USD is about 86 yen).

Basically, ENEFARM needs electric power from the power grid system to drive water circulating pump, fuel gas control blower, etc., and generates electric power while referring the voltage and frequency of the grid power. ENEFARM does not have the function to cope with power outages.

In the last disaster, Tohoku Earthquake associated with Fukushima nuclear power plant accident, TEPCO executed rolling blackouts. At this time, ENEFARMS automatically stop. Customers installed with ENEFARM made much complaint against ENEFARM sales companies. This triggered TEPCO to develop the new battery to cope with the power outage problem.