

Commander, Fleet Activities, Yokosuka adopts the power service by using temporary generators  
~ Contribute to maintain and improve power resilience in Yokosuka base ~

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Tokyo Electric Power Company Holdings, Inc.  
TEPCO Energy Partner, Inc.  
Japan Facility Solutions, Inc.

Tokyo Electric Power Company Holdings, Inc. (President: Tomoaki Kobayakawa; Head Office: Chiyoda-ku, Tokyo; hereinafter referred to as, “TEPCO HD”), TEPCO Energy Partner, Inc. (President: Momoko Nagasaki; Head Office: Chuo-ku, Tokyo; hereinafter referred to as, “TEPCO EP”), and Japan Facility Solutions, Inc. (President: Yasuo Jogan; Head Office: Shinagawa-ku, Tokyo; hereinafter referred to as, “JFS”), have been adopted by Commander, Fleet Activities, Yokosuka (hereinafter referred to as, “CFAY”) to provide infrastructure power facilities as service by using temporary generators (hereinafter referred to as, “service”) and began installation today.

In order to maintain and improve the reliability and stability of the power supply at CFAY, temporary generators and related facilities will be installed to operate during power shortages. And the service will be made available at a fixed price, and started in May 2025.

■ Service overview

The service will be provided under a contract between CFAY and TEPCO EP, with TEPCO HD designing temporary generators and related facilities, and JFS installing the facilities, with maintaining and monitoring them afterwards. The facilities will be included in temporary generators (Total 8,800kVA) which will be one of the largest output in Japan.

Then, lithium-ion storage battery facility (Total 872 kWh) with adsorption of load fluctuation and soft start to protect CFAY’s facilities for suppress of transformer’s current when temporary generators start-up will be installed to enhance the reliability and stability of the power supply in times of disaster and others. Those battery functions have been identified as one of the important functions of the multiple use case which will expand in the future toward the realization of a carbon neutral society.

## ■ Background of adoption of our service

CFAY has adopted our service from the following main abilities:

- The ability to provide reliability and stability the power supply can be to maintain and improve without procurement of new electrical facilities.
- The ability to rapidly install and remove temporary generators, storage batteries, circuit breakers and others as needed.
- The ability to contribute to the power resilience\* initiatives to aim at CFAY, with the storage batteries-related knowledge of use case, based on the high-level safety standards independently by TEPCO HD.

\* The robustness of power infrastructure and system

## ■ TEPCO Group initiatives

TEPCO HD, TEPCO EP and JFS shall continue to leverage its strengths, such as the abilities to find solutions and develop markets in consideration of how our customers use energy, and increase social value to contribute to the construction of highly reliable and safe/secure power systems.

## ■ Overview of primary systems

[Temporary generator facilities]

- Temporary generators: 8 sets of 1,100kVA-440V-60Hz diesel generators (with 1,950L fuel tanks)
- Step-up transformers: 4 sets of 2,000kVA-440/6,600V oil immersed transformers
- Circuit breakers: 7 sets of 12.5kA-6,600V vacuum circuit breakers (VCB) and 1 set of 6,600V load break switch (LBS)

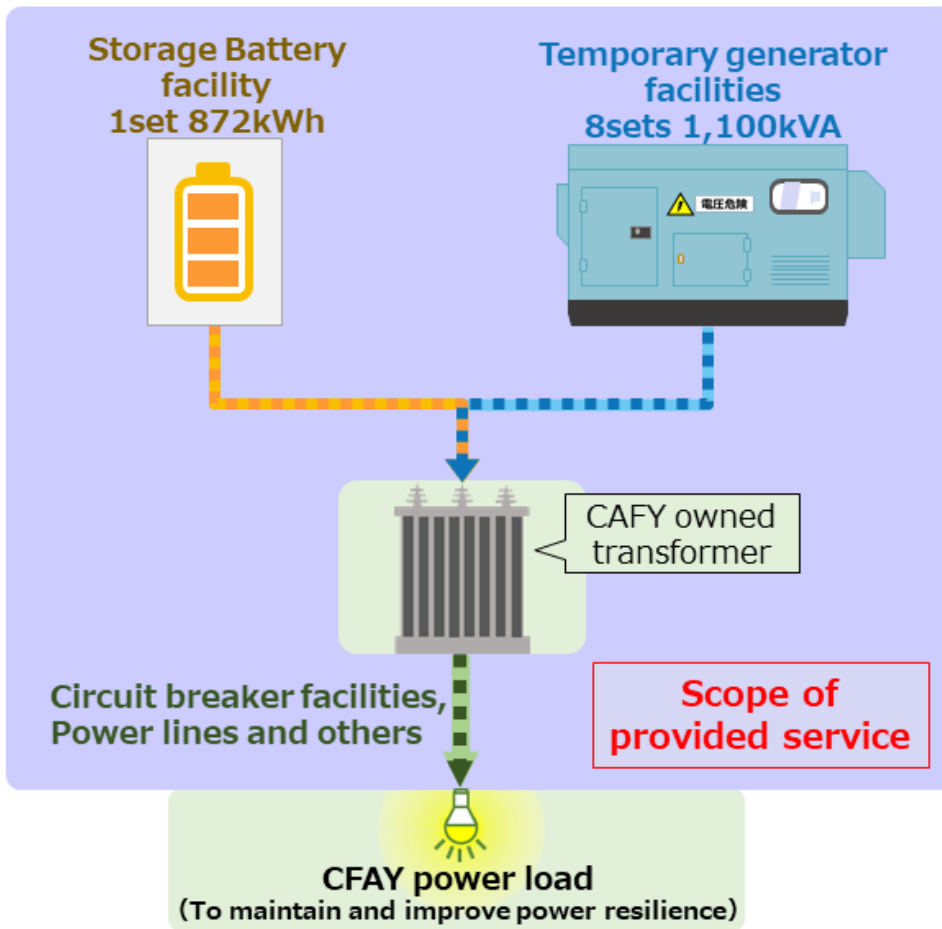
[Storage battery facilities]

- Storage battery: 1 set of Lithium-ion storage battery (DC terminal 872 kWh)
- AC-DC converter: 1 set of 500kVA AC-DC converter (as Power converter system)
- Connection circuit breaker: 1 set of 12.5kA-6,600V vacuum circuit breaker (VCB) and 1 set of 500kVA oil immersed transformer
- Special notes: In addition to apply safety standards of storage battery JIS C8715-2 and JIS C4441, to apply high-level safety standards independently by TEPCO HD

[Circuit breaker facilities]

- Circuit breakers: 3 sets of 20kA-13,800V vacuum circuit breakers (VCB)
- Power line installations: Approximately 1 km length by using 13,800V cables

■ Scope of provided service (■)



End of announcement