[Press Release]

NIPPON STEEL ENGINEERING CO., LTD.

Japan Petroleum Exploration Co., Ltd.

Enbio C West GK

KARAKSA HOTELS KANSAI Corporation

## Commencement of Power Supply Operation under the "Off-Site PPA via Solar Power" ~Effective Utilization of Renewable Energy

## by Supplying Multiple Consumers with Different Demand Characteristics~

NIPPON STEEL ENGINEERING CO., LTD. (NSE), Japan Petroleum Exploration Co., Ltd. (JAPEX), Enbio C West GK, and KARAKSA HOTELS KANSAI Corporation (Karakusa Hotels Kansai) and so on have jointly established and commenced operation of a scheme to utilize electricity (renewable energy) generated by solar power facilities installed on the roof of a logistics facility "LogiSquare Kyotanabe A" through an off-site PPA\*1.

\*1: PPA stands for Power Purchase Agreement. It is a contract in which electricity consumers procure renewable energy directly from power generators. An off-site PPA refers to a PPA that supplies renewable energy via the power grid to consumers located away from the generation site.



[Solar power plant]

Location: Kyotanabe City, Kyoto Prefecture

Output capacity: Approx. 1,875 kW
(AC output base)

## ■ Initiative for the off-site PPA for multiple consumers using solar power

Renewable energy generated by solar power facilities installed on LogiSquare Kyotanabe A and owned by Enbio C West GK is procured by JAPEX, an aggregator, and transmitted and supplied to multiple consumers, including Karakusa Hotels Kansai, by NSE, a retail electricity supplier. In this scheme we established, we reduce surplus solar power generation and achieve efficient utilization of renewable energy by combining facilities with differing electricity demand characteristics among supply destinations. The solar power

generation volume expected in the first year is approximately 3,471 MWh per year, with an estimated carbon dioxide ( $CO_2$ ) reduction effect of 1,468 tons per year<sup>32</sup> in this initiative.

\*2: Carbon dioxide (CO<sub>2</sub>) reduction effect is calculated using the national average coefficient of 0.000423 (t-CO<sub>2</sub>/kWh) for the fiscal year 2023, applied to the generated electricity volume.

## [Overview of the off-site PPA]

