

## **Construction of Charger Solar Project in the U.S. - Addressing the rapidly increasing demand of electricity with one of the top 20 solar plants in the United States -**

Electric Power Development Co., Ltd. (headquartered in Chuo-ku, Tokyo; Hitoshi Kanno, President, hereafter “J-POWER”) has decided to construct the Charger Solar project (tentative name) in South Texas, through its 100% owned subsidiary J-POWER North America Holdings Co., Ltd. (hereafter “JPUSA”). As a part of the main business of J-POWER in the United States of America, this utility scale solar project is the first renewable one developed solely by J-POWER.

JPUSA has been aiming for further improving capital efficiency by restructuring its portfolio through the construction, operation, and partial sale of gas thermal plants in parallel with solar project development since 2020. The Charger Solar project is one of the top 20 solar plants in the U.S. with 394-megawatt (MWac) generation, expected to meet the rapidly expanding domestic demand of electricity. Additionally, the Charger Solar project is expected to reduce annual carbon dioxide emissions by approximately 585,000 metric tons\*.

\*Based on estimates from the U.S. Environmental Protection Agency

The initial construction of the project has started in April 2025 with the expected commercial operation date of November 2026.

J-POWER has been aiming to transform its business portfolio to one centered on carbon-neutral assets both domestically and abroad while being mindful of capital efficiency as mentioned in “[J-POWER Group Medium-Term Management Plan 2024-2026](#)”, which was released in 2024. J-POWER continues to advance its operation with the aim of growing and enhancing the value of global business and work towards achieving carbon neutrality, as stated in [J-POWER BLUE MISSION 2050](#).

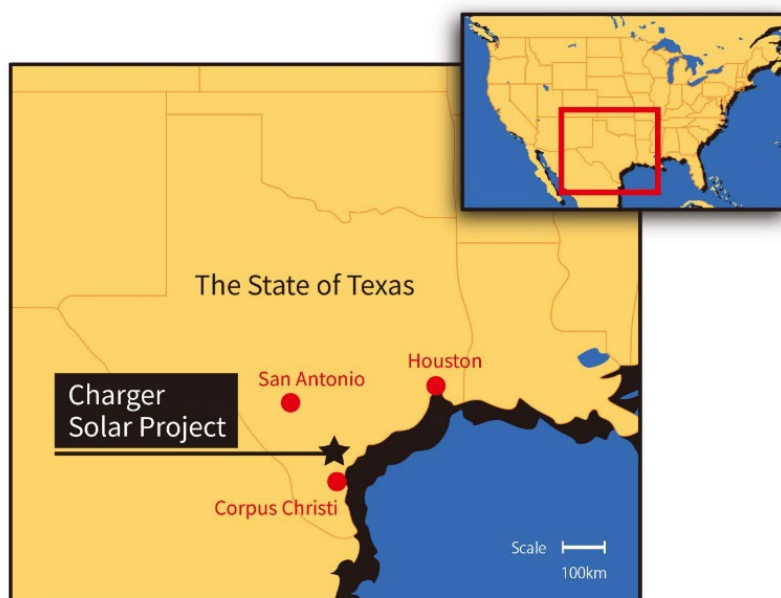
#### ■ Details of the Charger Solar Project

|                                    |  |
|------------------------------------|--|
| Name                               | Charger Solar project (tentative name)                             |
| Location                           | Texas, the United States of America                                |
| Maximum Output                     | 394MW  |
| Construction begins in             | August, 2025 (The initial construction has started in April, 2025) |
| Targeted Commercial Operation Date | November, 2026   |
| Equity Owner                       | J-POWER 100%   |

#### ■ CG of the Charger Project



#### ■ Map of the Charger Solar Project



Attachment: List of J-POWER's Overseas Renewable Energy IPP Projects

## List of J-POWER's Overseas Renewable Energy IPP Projects

(Projects currently operational)

| Country Region | Project                    | Power generation method             | Capacity (MW) | J-POWER investment ratio (%) | Owned Capacity (MW) |
|----------------|----------------------------|-------------------------------------|---------------|------------------------------|---------------------|
| Thailand       | GYG                        | Biomass (rubber wood waste)         | 20.0          | 49.0                         | 9.8                 |
|                | Rooftop Solar (5 projects) | Solar                               | 5.64          | 60.0                         | 3.4                 |
| China          | Hanjiang (Xihe/Shuhe)      | Hydro                               | 450.0         | 27.0                         | 121.5               |
|                | Gemeng                     | Wind, solar, hydro (pumped-storage) | 1465.3        | 7.0                          | 102.6               |
| Phillipines    | Caliraya                   | Hydro                               | 22.6          | 50.0                         | 11.3                |
|                | Botocan                    | Hydro                               | 20.8          | 50.0                         | 10.4                |
|                | Kalayaan                   | Hydro (pumped-storage)              | 685.0         | 50.0                         | 342.5               |
|                | Lake Mainit                | Hydro                               | 24.90         | 40.0                         | 10.0                |
| Australia      | Kidston Stage 1            | Solar                               | 50.0          | 100.0                        | 50.0                |
|                | Jemalong Solar             | Solar                               | 50.0          | 100.0                        | 50.0                |
| United Kingdom | Triton Knoll               | Wind (offshore)                     | 857.0         | 25.0                         | 214.3               |
| Indonesia      | Sion                       | Hydro (run-of-river system)         | 12.0          | 13.9                         | 1.7                 |
| Total          |                            |                                     | 3,663.3       |                              | 927.3               |

(Projects under construction/development)

| Country Region | Project                           | Power generation method     | Capacity (MW) | J-POWER investment ratio (%) | Owned Capacity (MW) |
|----------------|-----------------------------------|-----------------------------|---------------|------------------------------|---------------------|
| United States  | Charger                           | Solar                       | 394.0         | 100.0                        | 394.0               |
| Australia      | Kidston Stage-3 Wind              | Wind(onshore)               | 258.0         | 100.0                        | 258.0               |
|                | K2-Hydro                          | Hydro (pumped-storage)      | 250.0         | 100.0                        | 250.0               |
|                | Bulli Creek                       | Solar                       | 775.0         | 100.0                        | 775.0               |
| Thailand       | Rooftop Solar (GJP1) (9 projects) | Solar                       | 8.39          | 60.0                         | 5.0                 |
| Phillipines    | Bulanog Batang                    | Hydro                       | 33.90         | 40.0                         | 13.6                |
| Indonesia      | Pungga                            | Hydro (run-of-river system) | 3.40          | 26.2                         | 0.89                |
|                | Tomuan                            | Hydro (run-of-river system) | 14.60         | 25.1                         | 3.66                |
|                | Kombih                            | Hydro (run-of-river system) | 14.50         | 27.2                         | 3.94                |
|                | Mulana                            | Hydro (run-of-river system) | 15.00         | 19.1                         | 2.87                |
|                | Simolap                           | Hydro (run-of-river system) | 8.10          | 17.7                         | 1.43                |