## Towards the Expansion of Renewable Energies

September 30, 2021



## What We Have Been Working On for Decarbonization

- Proactively developing solutions for decarbonization, not just for NTT Group companies, but for customers as well
  - ✓ Providing customers with renewable energies that are generated at NTT Group's renewable energy power plants

NTT Group's Renewable Energy Power Plants



Providing Renewable Energies **Customers Striving for Decarbonization** 

Furukawa Electric Co., Ltd. (from April 2021)

Seven & i Holdings Co., Ltd. (from March 2021)

Daiichi Sankyo Chemical Pharma Co., Ltd. (from December 2020)

Kumahira Seisakusho (from November 2020)

✓ Expanded the offering "EnneGreen®\*"

\*Service of Ennet to support CO2 reduction of customers as well as procurement of renewable energies

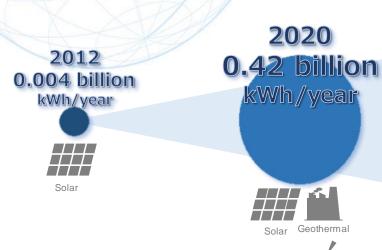


Launched in 2017 0.001 billion kWh/year (one contract) 2019
0.1 billion kWh/year
(approx. 900 contracts)

July 2021
1.6 billion kWh/year
(approx. 2,600 contracts)

## Initiatives for Renewable Energy Power Plants

- NTT Group owns various telecommunications facilities all over Japan, and consumes approximately 1% of Japan's total electricity
- ♦ Will further promote the development of renewable energy power plants to utilize not only for customers, but also for NTT Group's decarbonization



2030
3.8 billion
kWh/year

Equivalent to the annual energy
consumption of all households
in the city of Fukuoka\*

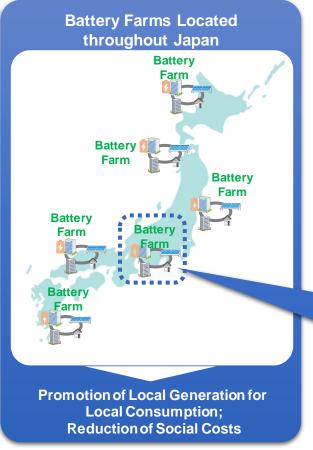
Solar Geothermal Biomass Wind Hydroelectric

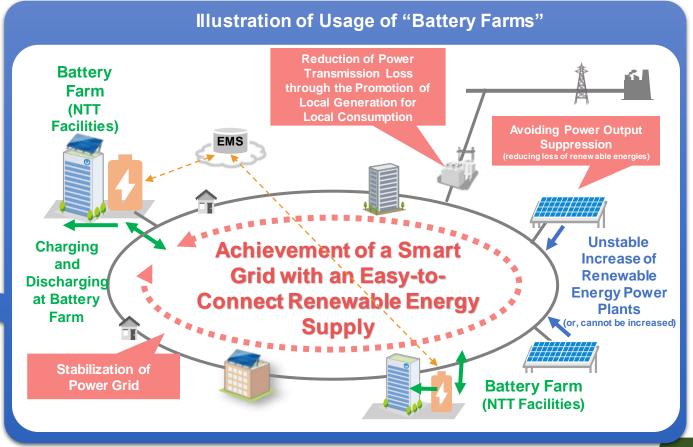


Biomass

## Towards the Local Generation for Local Consumption of Renewable Energies

- Contribute to the spread and expansion of renewable energy power plants that help with the local generation for local consumption of energy, by leveraging NTT facilities that are located throughout Japan as "Battery Farms"
- ◆ Aim to achieve a smart grid together with partners by reducing social costs (reducing power transmission loss, etc.) through the promotion of local generation for local consumption







This document is a translation of the Japanese original. The Japanese original is authoritative.

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- \* "E" in this material represents that the figure is a plan or projection for operation.
- \*\* "FY" in this material indicates the fiscal year ending March 31 of the succeeding year.
- "1Q" in this material represents the three-month period beginning on April 1 and ending on June 30, "2Q" represents the six-month period beginning on April 1 and ending on September 30, "3Q" represents the nine-month period beginning on April 1 and ending on December 31, and "4Q" represents the twelve-month period beginning on April 1 and ending on March 31.