

❑ Impacting Report

The impact of the green debenture portfolio by category from environmental perspective for period of 1 January 2023 - 31 December 2023.



Renewable Energy

Eligible Green Project

Solar Energy Project¹

Impact Indicators

1) Annual GHG emissions reduced/
avoided²

26,499
tonnes of CO₂
equivalent

2) Annual renewable energy generation

64,631
MWh

Remark:

/1. The data provided in the table is for NPS, WXA, PPS and SYE project only under the GPSC Green Finance Framework 2020.

/2 The calculation method refers to the IPCC Special Report on Renewable Energy Sources and Climate Change Mitigation



Pollution Prevention and Control

Eligible Green Project

Waste to Energy Project³

Impact Indicators

1) Waste prevented, minimised, reused or
recycled before and after the project in
absolute amount⁴

170,000
tonnes p.a

2) Annual GHG emissions reduced from waste
management before and after the project⁵

108,033
tonnes of CO₂
equivalent

Remark:

/3 Waste-to-Energy (WTE) project consists of i) Refuse-Derived Fuel (RDF) plant and ii) Waste-to-Energy Power Plant. The data provided in the table is for only RDF plant.

/4 The calculation method refers to T-VER-METH-WM-04 : Refuse Derived Fuel: RDF Production from Municipal Solid Waste (version 03) from Thailand Voluntary Emission Reduction.

/5 The calculation method refers to T-VER-TOOL-WASTE-01 : Calculation for Emissions from Solid Waste Disposal Sites (version 04) from Thailand Voluntary Emission Reduction.