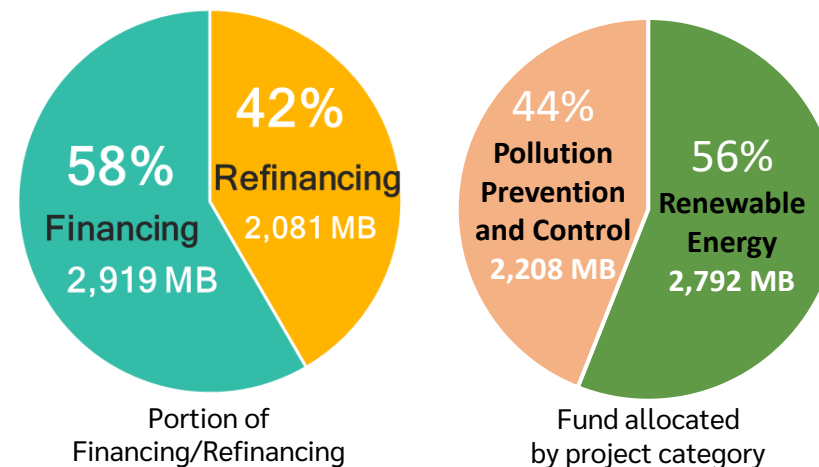




THB 5,000 mm Green Debenture 2020 | Reporting in 2021

Allocation Report

GPSC issued the first THB 5,000 million Green Debentures on August 7th, 2020. The proceeds were used to support the solar power plant projects and Waste-to-Energy (WTE) project under the Green Finance Framework. It is also Thailand's first funding for a comprehensive waste management project. The company places the utmost importance on conducting business while aiming for sustainable growth. The proceeds of the Green Debentures were fully allocated.

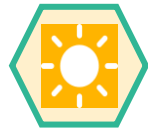


| Eligible Green Project | Project/ Company | Closing Date | Capacity | Location | Customer | GPSC’s Holding | % of Finance/ Refinance | Amount (THB MM) |
|---|---|--------------------------|----------------|---|--|-------------------------------------|-------------------------|-----------------|
|  Renewable Energy (Solar Energy) | NPS, WXA and PPS ¹ | 26 Mar 2020 | 39.5 MW | Phichit, Suphanburi, Lopburi, Khon Kaen, Thailand | Provincial Electricity Authority (PEA) | 50% (through GRP) ² | 100% Refinance | 1,542 |
| | Sheng Yang Energy Company Limited (SYE) | 27 July 2021 | 55.8 MW | Taiwan | Taiwan Power Company | 45% (through GRP/GRP1) ² | 100% Financing | 1,250 |
|  Pollution Prevention and Control | Refuse Derived Fuel Plant (RDF) | 27 April 2018 (COD Date) | 500 (Tons/day) | Rayong, Thailand | Provincial Electricity Authority (PEA) | 100% operating assets under GPSC | 100% Refinance | 539 |
| | Waste to Energy Power Plant (WTE) | 28 May 2021 (COD Date) | 9.8 MW | | | | 100% Financing | 1,669 |
| Total | | | | | | | | 5,000 |

Note: 1. N.P.S. Star Group Company Limited (NPS), World Exchange Asia Company Limited (WXA), and P.P. Solar Company Limited (PPS) which are previously called Global Renewable Power Company Limited (GRP) in 2020 Allocation Report.
 2. GPSC has completed the shareholding restructure of Global Renewable Power Company Limited (GRP) on 4 January 2021 by selling approximately 50% shares of GRP to PTT Global Management Company Limited (PTTGM), a subsidiary of PTT Public Company Limited (PTT).

□ Impacting Report

The impact of the green debenture portfolio by category from environmental perspective for period of 1 January 2022 - 31 December 2022.



Renewable Energy

Eligible Green Project

Impact Indicators

Solar Energy Project¹

1) Annual GHG emissions reduced/avoided²

24,836
tonnes of CO₂
equivalent

2) Annual renewable energy generation

60,575
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

Impact Indicators

Waste to Energy Project³

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.