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# RATCH GREEN DEBENTURES

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## Report 2022



**4 November 2022**

# OVERVIEW

**RATCH Group Public Company Limited** (formerly named as Ratchaburi Electricity Generating Holding Public Company Limited ) is a leading Independent Power Producer in Thailand, with an ambitious vision aiming to become a leading value-oriented energy and infrastructure company in Asia Pacific.

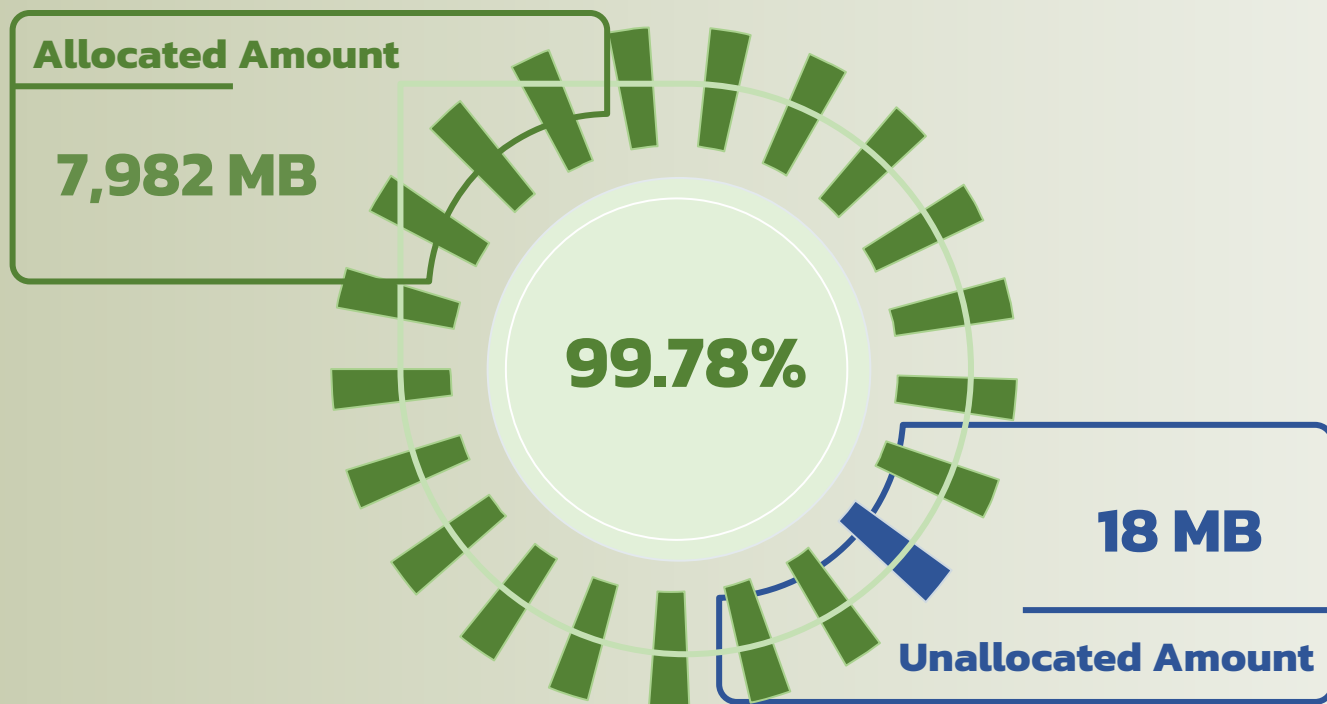
RATCH seeks to invest in core companies, subsidiaries, and/or joint ventures, subject to its shareholding proportion. The investment is mainly focused on diversified fuel-type power generation projects, increases generating capacity in renewable energy by no less than 25%, infrastructure business, electricity in energy-related business and healthcare business domestically and internationally.

As of September 2022, RATCH’s total equity installed capacity of 9,939.73 megawatts with diversified geography, RATCH’s operations are located in Thailand (5,491.10 megawatts), Australia (1,590.89 megawatts), Lao PDR (1,420.30 megawatts), Indonesia (1,162.13 megawatts), Vietnam (251.49 megawatts), Philippines (21.80 megawatts) and Japan (2.02 megawatts).

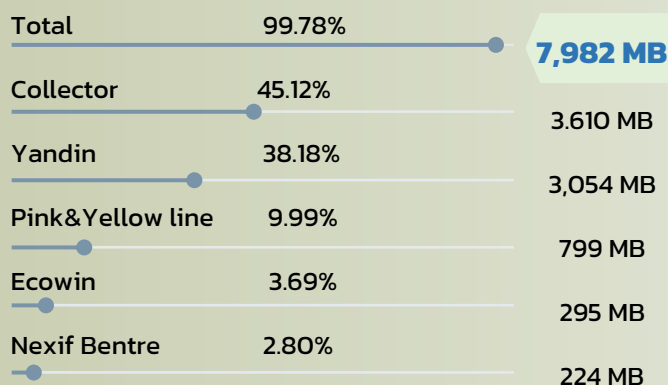


# ALLOCATION

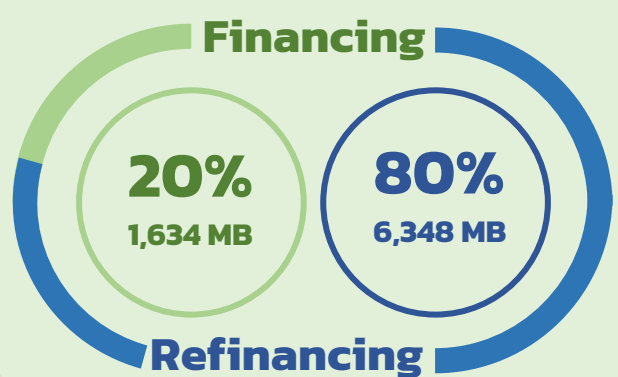
As of 30 September 2022, RATCH has allocated 99.78% of the THB 8,000 Million Green Debentures in financing and refinancing the Eligible Green Projects in Australia, Vietnam and Thailand.



## PROJECTS



## PORTIONS



## PORTFOLIO

Issued Date	Maturity Date	Term to Maturity (Years)	Coupon Rate (%)	Amount (Million Bath)
4 Nov 2020	4 Nov 2023	3	1.32	1,000
4 Nov 2020	4 Nov 2025	5	1.76	1,500
4 Nov 2020	4 Nov 2030	10	2.61	1,500
4 Nov 2020	4 Nov 2035	15	2.94	4,000

# IMPACT



## Collector Wind-Turbine Power Plant

Location : **New South Wales, Australia**

COD : **April 2021**

RATCH Stake : **100%**

Attributable Capacity : **226.80 MW**

Net Electric Power p.a. : **535,864 MWh**

\* Emission Reduction p.a : **423,332 tCO2e**



## Yandin Wind-Turbine Power Plant

Location : **North of Perth, Western Australia**

COD : **March 2021**

RATCH Stake : **70%**

Attributable Capacity : **149.94 MW**

Net Electric Power p.a. : **818,234 MWh**

\* Emission Reduction p.a : **556,399 tCO2e**



## ECOWIN Wind-Turbine Power Plant

Location : **Ben Tre Province, Vietnam**

COD : **2022**

RATCH Stake : **51.04%**

Attributable Capacity : **15.16 MW**

Sources: \* National Greenhouse and Energy Reporting (Measurement) Determination 2008 (Schedule1) and Department of industry, Science, Energy and Resources

# IMPACT



## Nexif Energy Ben Tre Wind Power Plant



Location : **Ben Tre Province, Vietnam**

Expected COD : **2024**

RATCH Stake : **50%**

Attributable Capacity : **40 MW**



## Pink Line Project



Technology: **Monorail**

Route: **Khae Rai-Min Buri**

Expected COD: **2023**

RATCH Stake : **10%**



## Yellow Line Project



Technology: **Monorail**

Route: **Lad Prao-Sam Rong**

Expected COD: **2023**

RATCH Stake : **10%**