



Annual Green Bond Report 2019

Energy Absolute (“EA”) issued its first green bond THB 10,000 million in 2019. In EA Green Bond Framework, EA plan to provide an annual green bond report which will be on https://www.energyabsolute.co.th/green_bond.asp.

This report presents the allocation of proceeds by category per the Eligibility Criteria defined in the Framework, renewable energy projects and environmental performance indicators. DNV GL Business Assurance Australia Pty Ltd (“DNV GL”) has been tasked to provide pre and post issuance verification of the bond as an independent and approved Verifier under the Climate Bond Standard and ASEAN Green Bond Standards.



Table 1: Debenture Detail (Unit: THB Million)

Debenture Detail		3 year	5 year	7 year	10 year
EA 1/2562	Amount	1,000			2,000
	Interest	2.61%			3.61%
	Maturity	11 July 2022			11 July 2029
EA 2/2562	Amount	500	1,500		2,000
	Interest	2.41%	3.11%		3.58%
	Maturity	15 August 2022	15 August 2024		15 August 2029
EA 3/2562	Amount			3,000	
	Interest			2.744%	
	Maturity			16 October 2026	

Use of Proceeds and Environmental Performance

The proceeds of the Green Bond were fully allocated to renewal energy projects, Hanuman 260 MW wind projects for investment and refinancing. There is therefore a zero balance of unallocated proceeds. The allocations were consistent with our pre-issuance and post-issuance disclosures.

Table 2: Use of Proceeds and Environmental Indicators of THB 10,000 Million Green Bond

Category as per Green Bond Principles	Criteria in the EA Green Bond Framework	Location	Green Bond amount allocated to renewable energy projects (THB Million)	Installed Capacity, allocated to Green Bond (MegaWatt)	Electricity delivered to off-taker (GWh) Jan – Dec 19	Estimated avoided carbon dioxide emissions* (tons of carbon dioxide), Jan – Dec 19
Renewable Energy: Wind	Investment in Wind energy facilities and equipment (Not in fossil fuel related project)	Hanuman Wind Project Chaiyaphum Province, Thailand	10,000	260	468.84	209,571

*Annual GHG emission reduction are calculated as annual electricity delivered to off-taker x 447 tCO₂/GWh (Asian Development Bank Guidelines for Grid emission factor of Thailand, 2017)

The 260 megawatt Hanuman wind farm in northeastern Chaiyaphum Province is the largest wind farm in Thailand.