








## B.Grimm Power Public Company Limited Green Bond

B.grimm Power have conduct business for many kinds of power utilities as of December 2021;

Type of Energy	Installed MW			Equity MW		
	Total Capacity	%	In Operation	Total Capacity	%	In Operation
 Gas fired	2,920 MW	72.7	2,505 MW	1,833 MW	66.9	1,458 MW
 Solar	769 MW	19.1	681 MW	641 MW	23.4	605 MW
 Hydro	133 MW	3.3	35 MW	95 MW	3.5	25 MW
 Hybrid	98 MW	2.4		98 MW	3.6	
 Wind	78 MW	1.9	16 MW	66 MW	2.4	15 MW
 IWTE	5 MW	0.1	5 MW	2 MW	0.1	2 MW
 Backup for power trading	13 MW	0.3	13 MW	4 MW	0.1	4 MW
<b>Total</b>	<b>4,015 MW</b>	<b>100</b>	<b>3,254 MW*</b>	<b>2,738 MW</b>	<b>100</b>	<b>2,110 MW*</b>

B.Grimm Power issued green bond amount of 3,000 million Baht in November 2021 for supporting renewable energy projects both in Thailand and Vietnam.

### Use of Proceed

B.Grimm Power invested in 100% of net proceed to invest in green energy such as Solar power project and Wind firm power project. Details of each project are as followed.

Project Name	Description	Allocation amount (Million Baht)	Percent
Phu Yen TTP, Vietnam	<ul style="list-style-type: none"> <li>Ground-mounted solar power project (257 MW)</li> <li>COD on June 2019</li> <li>Offtaker: Vietnam Electricity (EVN)</li> </ul>	1,464.31	49%

Dau Tieng Tay Ninh, Vietnam	<ul style="list-style-type: none"> <li>• Ground-mounted solar power project (240 MW)</li> <li>• COD in June 2019</li> <li>• Offtaker: Vietnam Electricity (EVN)</li> </ul>	1,175.53	39%
Bo Thong Wind Farm	<ul style="list-style-type: none"> <li>• Wind farm project in Mukdahan province (16 MW)</li> <li>• COD on Sep 2020</li> <li>• Offtaker: Provincial Electricity Authority (PEA)</li> </ul>	360.16	12%
	Total	3,000	100%

### Green Project allocation and Impact

Information as of December 2021.

Project	Capacity (MW)	Production (MWh)	GHG emission (tonCO <sub>2</sub> eq)	Avoided Emission (tonCO <sub>2</sub> eq)	Local Employee (person) (%)	Complain
Phu Yen TTP 11.4519763,106.2226655	257	282,790.48	1,216.42	187,626.61	82 (84.54%)	No complain
Dau Tieng Tay Ninh 11.4589835,106.2239373	240	464,604.59	39.82	306,912.08	167 (90.27%)	No Complain
Bo Thong Wind Farm 16.4103628,104.4324532	16	16,324.13	48.77	8,160.43	8 (40%)	No Complain

Environment, Safeguards and Social.

Project	Details
Phu Yen TTP	<ul style="list-style-type: none"> <li>• The Phu Yen plant continuously applies waste management plan in accordance with the issued procedures. Beside that, the plant is planning to sign a contract with a unit that has the function of collecting, transporting, and treating hazardous waste to ensure that the collection and treatment comply with current environmental laws.</li> <li>• Following the HSSE action plan 2021 and the requirements of Environment Impact Assessment (EIA); TTPPY has implemented many HSSE activities in 2021, the plant passed all periodic environmental testing with safety indicators for humans and the ecosystem surrounding the plant. With the commitments of HSSE and O&amp;M teams,</li> </ul>

	<p>the plant achieved no incidents in 2021, applied HSSE policies effectively.</p> <ul style="list-style-type: none"> <li>• CSR activities in 2021 <ul style="list-style-type: none"> <li>01-Giving Tet gifts to poor households in Hoa Hoi commune on the occasion of the Lunar New Year. February, 2021</li> <li>02-Support upgrading fee of the lighting system of welcome gate in Phu Hoa district. February, 2021</li> <li>03-Giving gifts to Hoa Hoi Commune Middle School students for the school year 2020-2021. May 2021</li> <li>04-Support epidemic prevention equipment for doctors, medical staff participating in epidemic prevention in Phu Yen province. July 2021</li> <li>05-Support epidemic prevention equipment for doctors, medical staff participating in epidemic prevention in Phu Yen province. July 2021</li> <li>06-Support to buy agricultural products and donate to poor households in Phu Hoa district during Covid 19 isolated. July 2021</li> <li>07-Supporting for transportation fee for workers residing in Ho Chi Minh City and southern provinces to comeback Phu Yen province. August 2021</li> <li>08-Supporting for the Covid-19 epidemic prevention in Hoa Hoi commune. August 2021</li> <li>09-Organizing Mid-Autumn Festival for children of Hoa Hoi commune. September 2021</li> <li>10-Funding for the operation of LRP in Hoa Hoi commune in</li> </ul> </li> <li>• 2021. Besides CRS activities, TTPPY has mainly focused on Livelihood Restoration program that has supported affected households in Hoa Hoi commune and this program has received a lot of attention from local authorities and functional departments of the Phu Hoa district. Implementation of each item will also be carried out with full transparency and disclosure.</li> </ul> <div data-bbox="792 1247 1167 1478" data-label="Image"> <p>The Development Board disbursed loans to affected households of Hoa Hoi commune.</p> </div> <div data-bbox="607 1495 979 1770" data-label="Image"> <p>Hòa Hoi solar power plant awarded safety certification for the security model of 2021</p> </div> <div data-bbox="1013 1495 1393 1770" data-label="Image"> <p>Visit the affected households of Hoa Hoi commune.</p> </div>
Dau Tieng Tay Ninh	<p>CSR activities in 2021</p> <ul style="list-style-type: none"> <li>• Lunar new year for household and for poor family (Feb,2021)</li> </ul>

	<ul style="list-style-type: none"> <li>• Support the fund for children with extremely difficult circumstances and the fund for lonely elderly people (Feb,2021)</li> <li>• Donate rice for difficult households and isolated areas due to Covid epidemic of 2 communes Tan Hung and Suoi Da (Sep,2021)</li> <li>• Donating essential foods to affected households and isolated areas due to the Covid epidemic of Suoi Da commune (Sep,2021)</li> </ul>
Bo Thong Wind Farm	<ul style="list-style-type: none"> <li>• The project has implemented measures to prevent and correct environmental impacts. and complete environmental quality monitoring measures which during the operation The results of the environmental quality measurements comply with all applicable laws in terms of noise level, water quality and waste management.</li> </ul> <p>CSR activities in 2021</p> <ul style="list-style-type: none"> <li>• Support activities for National Children's Day 2021, Rom Klao Subdistrict (Jan, 2021)</li> <li>• Support the budget for purchasing drinking water for public works in Rom Klao Subdistrict (May, 2021)</li> <li>• Support the budget for the purchase of Kha tribal clothing, Rom Klao Subdistrict (Feb,2021)</li> <li>• Support sportswear and equipment to Council of Children and Youth Ban Nong Nok Khian, Rom Klao Subdistrict (May, 2021)</li> <li>• Support the budget to carry out dengue fever prevention and control projects for the community in Village No. 5, Rom Klao Subdistrict, because in the community there are schools, hospitals, and large communities. (May,2021)</li> <li>• Support budget for TV purchase for Ban Nikhom Rom Klao School (Nov,2021)</li> </ul> <div style="display: flex; justify-content: space-around;">   </div> 

