

**List of AEP's reference projects for T-VER development services**

No.	Registration ID.	Project Name	Project owner	Type of Project	Estimated Emission Reduction (tCO <sub>2</sub> e/y)	Registration Date
1	001	Naresuan Hydropower Project	Electricity Generating Authority of Thailand (EGAT)	RE	21,198	19-08-14
2	002	2 x 1.25 MW Lamtakhong Wind Turbine Generators, Thailand	Electricity Generating Authority of Thailand (EGAT)	RE	2,351	19-08-14
3	003	KhlongRuea Off-Grid Hydropower Project	Electricity Generating Authority of Thailand (EGAT)	RE	330	19-08-14
4	004	Energy Efficiency Improvement from lightings from T8 to T5, T8 to LED and Sodium to LED	DELTA ELECTRONICS (Thailand) Plc.	EE	488	17-09-14
5	005	High-efficiency lighting installation in Chaengwattana 2 Building	Kasikorn Bank Plc.	EE	432	17-09-14
6	006	Methane recovery and onsite utilization for power generation at tapioca flour mill	Ratchasima Flour Industry Co.,Ltd.	RE WM	83,989	17-09-14
7	007	LED installation project for PEA's office	Provincial Electricity Authority of Thailand (PEA)	EE	5,404	17-09-14
8	010	Methane Recovery and Utilization Project at Kaenkwan Co., Ltd., Khonkaen, Thailand	Thai Beverage Energy Co.,Ltd.	RE WM	74,114	27-10-14
9	015	The Renewable Energy from Distillery Slop Project, Ubon Ratchathani Province	Thai Beverage Energy Co.,Ltd.	RE WM	86,346	21-07-15
10	016	Mitr Phol Bio-Power (Danchang)-Block 2	Mitrphol Biopower Co.,Ltd. (DanChang)	RE	266,197	21-07-15
11	017	Biodiesel Production for Use as Fuel of Vehicle by CPF	CPF (Thailand) Plc.	RE	3,961	21-07-15
12	021	BSE Grid Connected Solar PV Project	BCPG Plc.	RE	41,861	29-01-16
13	022	BSE-BRM Grid Connected Solar PV Project	BCPG Plc.	RE	10,691	29-01-16
14	023	BSE-BRM Grid Connected Solar PV Project	BCPG Plc.	RE	10,360	29-01-16
15	024	BSE-BPI Grid Connected Solar PV Project	BCPG Plc.	RE	36,533	29-01-16
16	025	25 Megawatt Photovoltaic Power Plant Project of Bangchak Solar Energy (Prachinburi) Co., Ltd.	BCPG Plc.	RE	20,639	29-01-16
17	026	12.5 Megawatt Photovoltaic Power Plant Project of Bangchak Solar Energy (Nakhonratchasima) Co., Ltd.	BCPG Plc.	RE	10,503	29-01-16
18	027	12.5 Megawatt Photovoltaic Power Plant Project of Bangchak Solar Energy (Chaiyaphum 1) Co., Ltd.	BCPG Plc.	RE	10,503	29-01-16
19	042	Renewable Energy from Distillery Slop Project, Buriram Province	Thai Beverage Energy Co.,Ltd.	RE	83,996	26-10-16

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20	043	Solar Farm at Nakhonsawan, Thailand	EA Solar Nakhonsawan Co.,Ltd.	RE	95,340	26-10-16
21	044	Solar Farm at Lampang, Thailand	EA Solar Lampang Co.,Ltd.	RE	106,454	26-10-16
22	045	Solar Farm at Pisanulok, Thailand	EA Solar Pisanulok Co.,Ltd.	RE	115,859	26-10-16
23	047	126 MW Hadkanghan Wind Farm Project	EA Wind Hadkanghun 3 Co.,Ltd.	AE	126,102	10-03-17
24	048	Solar PV project at DELTA Bangpoo	DELTA ELECTRONICS (Thailand) Plc.	AE	435	10-03-17
25	053	Solar Power System for Municipal Water Supply System	Prik Municipality, Sadao District, Songkhla Province	AE	16	17-05-17
26	054	Community biogas from swine farms	Kham Khaen Sub District Municipality, Mancha Khiri District, Khon Kaen Province	WM	1,436	31-05-17
27	056	LED Lighting Replacement Project	Hat Yai City Municipality, Song khla Province	EE	393	07-07-17
28	070	Solar PV Project Phase 2 at Delta Bangpoo	DELTA ELECTRONICS (Thailand) Plc.	RE	1,403	29-08-17
29	071	Energy Efficiency Improvement at Delta Bangpoo through Chiller Replacement	DELTA ELECTRONICS (Thailand) Plc.	EE	1,950	29-08-17
30	073	EGAT Energy Efficiency Improvement for Lighting at High-Voltage Electricity Substations	Electricity Generating Authority of Thailand (EGAT)	EE	807	30-08-17
31	081	Refused Derived Fuel Production from Municipal Solid Waste	Sisaket Town Municipality Sisaket Province	WM	14,442	15-09-17
32	082	Production of Soil Application from Organic Waste	Hat Siao Subdistrict Municipality Sukhothai Province	WM	799	15-09-17
33	085	Biogas Production and Utilization Project	Northern Biogas Company Limited	RE WM	211,020	13-11-17
34	092	Solar Power Project	Ban Chang Sub District Municipality, Rayong Province	AE	72	20-04-18
35	094	HNM1 Hanuman Wind Farm Project	Nayangklak Development Company Limited	RE	52,158	25-04-18
36	095	HNM5 Hanuman Wind Farm Project	Pongnok Development Company Limited	RE	56,102	25-04-18
37	096	HNM8 Hanuman Wind Farm Project	Nayangklak Wind Power Company Limited	RE	51,361	25-04-18
38	097	HNM9 Hanuman Wind Farm Project	Benjarat Development Company Limited	RE	45,242	25-04-18
39	098	HNM10 Hanuman Wind Farm Project	Banchaun Development Company Limited	RE	95,223	25-04-18
40	103	Solar rooftop project at SET Building	Stock Exchange of Thailand	RE	49	14-06-18

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41	105	LED Lighting Replacement Project	Ratchaburi Electricity Generating Holding PCL.	EE	771	11-06-18
42	107	LED Lighting Replacement Project	Nonthaburi City Municipality, Nonthaburi Province	EE	69	01-08-18
43	108	LED Lighting Replacement Project	Nan Town Municipality, Nan Province	EE	29	01-08-18
44	109	LED Lighting Replacement Project	Patong Town Municipality, Phuket Province	WM	149	01-08-18
45	110	LED Lighting Replacement Project	Ubon Ratchathani City Municipality, Ubon Ratchathani Province	EE	252	01-08-18
46	111	Energy Efficiency Improvement by replacing old lighting system to LED	Maha Sarakham Town Municipality, Maha Sarakham Province	EE	1,070	01-08-18
47	112	High-efficient lighting replacement	Sakon Nakhon Town Municipality, Sakon Nakhon Province	EE	21	01-08-18
48	113	Refuse Derived Fuel Production from Municipal Solid Waste	Roiet Town Municipality, Roiet Province	WM	22,321	01-08-18
49	114	Refuse Derived Fuel Production from Municipal Solid Waste	Udon Thani City Municipality, Udon Thani Province	WM	48,328	01-08-18
50	115	Production of Soil Application from Organic Waste	Yasothon City Municipality, Yasothon Province	WM	8,545	01-08-18
51	123	5MW Blue solar farm 1 power plant	Blue Solar Farm 1 Co., Ltd.	RE	4,250	31-08-18
52	124	SMT Electricity generation from biomass	SMT Biomass Co., Ltd.	RE	36,116	03-09-18
53	131	Floating Solar Project	Ratchaburi Electricity Generating Holding PCL.	AE	1,774	13-11-18
54	134	High-efficiency lighting installation in SET Building	Stock Exchange of Thailand	EE	865	15-11-18
55	139	Energy Efficiency Improvement by Replace Old Lighting System to LED at Surat Thani City Municipality	Surat Thani City Municipality	EE	544	28-02-19
56	140	Energy Efficiency Improvement by replace old lighting system to LED at Kanchanaburi Town Municipality	Kanchanaburi Town Municipality	EE	161	03-11-19
57	141	LED Lighting Replacement Project by Chiangrai City Municipality, Mueang District, Chiangrai Province	Chiangrai City Municipality	EE	820	03-11-19
58	142	Energy Efficiency Improvement by replace old lighting system to LED at Buriram Town Municipality	Buriram Town Municipality	EE	60	03-11-19
59	143	Community biogas production from swine farm at Tadindam Sub District, Chai Badan, Lopburi Province	Tadindam Sub District	WM	1673	03-11-19

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60	157	LED Lighting Replacement Project by Lamphun Town Municipality	Lamphun Town Municipality	EE	36	15-07-19
61	158	Energy Efficiency Improvement by replace old lighting system to LED at Phuket City Municipality	Phuket City Municipality	EE	278	15-07-19
62	159	Energy Efficiency Improvement by replace old lighting system to LED at Nakhon Ratchasima City Municipality	Nakhon Ratchasima City Municipality	EE	166	15-07-19
63	160	Community biogas production from swine farm at Taopoon Sub District, Song District, Phrae Province	Taopoon Subdistrict Administration Organization, Phrae Province	WM	624	15-07-19
64	163	97kW Solar Power Project by Maetha Subdistrict Administration Organization, Chiangmai Province	Maetha Subdistrict Administration Organization, Chiang Mai Province	RE	91	04-09-19
65	164	Solar floating project 303.80 kW at Boraphet Marsh by Nakhon Sawan Provincial Administrative Organization, Nakhon Sawan Province	Nakhon Sawan Provincial Administrative Organization	RE	316	04-09-19
66	166	Solar PV Project Phase 3 at DELTA Bangpoo	DELTA ELECTRONICS (Thailand) Plc. (@Bangpoo)	RE	1,038	04-09-19
67	167	Solar PV Project at DELTA Wellgrow	DELTA ELECTRONICS (Thailand) Plc. (@Wellgrow)	RE	1,618	04-09-19
68	170	Electricity generation from biomass by Nakornphet Greenergy ltd.	Nakornphet Greenergy Co.,Ltd.	RE	33,520	04-09-19
69	171	Energy Efficiency Improvement by replace old lighting system to LED at Nong Bua Subdistrict Municipality	Nong Bua Subdistrict Municipality, Nakhon Sawan Province	EE	457	04-09-19
70	172	Energy Efficiency Improvement by replace old lighting system to LED at Pak Chong Town Municipality	Pak Chong Town Municipality, Nakhon Ratchasima Province	EE	412	04-09-19
71	176	Community biogas production from swine farm at San Sai Sub District, Phroa District, Chiang Mai Province	San Sai Subdistrict Administration Organization, Chiang Mai Province	WM	222	04-09-19
72	178	Landfill Gas Methane recovery from waste for electricity generation at Nonthaburi Provincial Administrative Organization	Nonthaburi Provincial Administrative Organization	WM	147,631	04-09-19
73	180	Energy Efficiency Improvement at DELTA Wellgrow through Chiller Replacement	DELTA ELECTRONICS (Thailand) Plc. (@Wellgrow)	EE	1,287	04-09-19
74	198	118.125 kW Solar rooftop project at Knowledge Center of Chachoengsao building by Chachoengsao Town Municipality	Chachoengsao Town Municipality	AE	118	25/6/2020
75	200	Methane recovery from landfill site for electricity generation by Crane Renewable Energy Co.,Ltd.	Crane Renewable Energy Co.,Ltd.	RE/WM	276,154	19/6/2020

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76	203	132.48 kW Solar rooftop project at office and Klong Jilad pier of Krabi Provincial Administrative Organization	Krabi Provincial Administrative Organization	AE	103	13/7/2020
77	205	Refuse Derived Fuel Production from Municipal Solid Waste by Khunhan Subdistrict Municipality, Sisaket Province	Khunhan Subdistrict Municipality	WM	461	30/7/2020
78	206	Community biogas production from swine farm at Banauem Sub District, Mueang District, Lampang Province	Banauem Subdistrict Administration Organization, Kasem Farm, Suk Farm and Prasit Farm	WM	957	30/7/2020
79	207	Community biogas production from swine farm at Namlao Sub District, Rongkwang District, Phrae Province	Namlao Subdistrict Administration Organization, Somsak Farm and Phutawan Farm	WM	2,320	30/7/2020
80	208	Community biogas from swine farms Phase 3 at Thamanao Sub-district, Chaibadan District, Lopburi Province, Thailand	Thamanao Subdistrict Administration Organization	WM	2,971	22/7/2020
81	220	Refuse Derived Fuel Production from Municipal Solid Waste by Samut Prakan city Municipality	Samut Prakan City Municipality	WM	34,278	28/8/2020
82	222	Expansion project for community biogas from swine farms at Kham Khaen Sub District, Mancha Khiri District, KhonKaen Province	Kham Khaen Subdistrict Administration Organization, Komsan Farm, Wan Farm, Juree Farm, Sontaya Farm and Nitiya Farm	WM	2,235	08-04-20
83	223	Local energy development project with biogas production and distribution system from swine farm at Pa Yup Nai Subdistrict, Wangchan District, Rayong Province	Pa Yup Nai Subdistrict Administration Organization and Elegant Farm Co.,Ltd.	WM	1,928	31/8/2020
84	224	Community biogas production from swine farm at NongMamong Sub District, NongMamong District, Chainat Province	Nong Mamong Subdistrict Municipality, CS FARM GROUP Co.,Ltd. And PTT PLC.	WM	3,889	28/8/2020
85	233	Solar PV rooftop project at Distribution Center of CP ALL	CP ALL PLC.	RE	3,830	16/6/2021
86	235	Solar PV Project Phase 4 at Delta Bangpoo (748.44 kWp)	DELTA ELECTRONICS (Thailand) PLC.	RE	569	22/7/2021
87	260	Sermasang Solar 5MW Photovoltaic Solar Power Plant	Sermasang Solar Co., Ltd.	RE	3,713	30/9/2021
88	261	Solar rooftop project at Siam Yamato Steel Co., Ltd.	Siam Yamato Steel Co., Ltd.	RE	3,297	30/9/2021
89	262	Solar PV project phase 1&2 of Thai Food Group PCL.	Thai Foods Group PLC.	RE	12,237	29/9/2021
90	283	Solar PV rooftop and Solar PV floating project under BG Energy Solution Co., Ltd.	BG Energy Solution Co., Ltd.	RE	7,763	15/2/2022

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91	POA 001	Solar Orchestra	Combined Heat and Power Producing Co.,Ltd. Export and Import Bank Co.Ltd. Neo Clean Energy Co.,Ltd.	RE	n/a	18/4/2022
92	294	TBE 5MW Solar rooftop 5 sites	Thai Beverage Energy Co.,Ltd.	RE	3,396	29/6/2022
93	301	Electricity generation from biomass 9.9 MW by Tha-Chang Green	Tha-Chang Green Power Co.,Ltd.	RE	40,986	19/8/2022
94	302	Electricity generation from biomass 19 MW by THIP SUKHOTHAI HYBRID Energy Co.,Ltd.	THIP SUKHOTHAI HYBRID Energy Co.,Ltd.	RE	42,054	2/9/2022
95	303	Electricity generation from biomass 26 MW by THIP PICHIT HYBRID Energy Co.,Ltd.	THIP PICHIT HYBRID Energy Co.,Ltd.	RE	69,029	18/8/2022
96	305	Electricity generation from biomass 55 MW by Buayai Biopower Co.,Ltd.	Buayai Biopower Co.,Ltd.	RE	190,424	2/9/2022
97	306	Floating Solar 11.9 MW project at Siam Yamato Steel Co., Ltd.	Siam Yamato Steel Co., Ltd.	RE	8,495	18/8/2022
98	307	Boonrawd 3MWSolar rooftop 3 sites (WNB, MB, SB)	Boon Rawd Brewery Co., Ltd.	RE	1,252	17/8/2022
99	291	Electricity generation from biomass by Uni Power Tech Co., Ltd.	Uni Power Tech Co., Ltd.	RE	n/a	n/a
100	Developing	Solar rooftop 6 sites at GROHE Siam	GROHE Siam Co.,Ltd.	RE	n/a	n/a
101	Developing	Solar rooftop program by SENA Development Group	SENA Techno Solution Co.,Ltd.	RE	n/a	n/a
102	Developing	Solar rooftop at Siam KUBOTA Corp	Siam Kubota Corporation Co.,Ltd.	RE	n/a	n/a
103	Developing	Solar rooftop 29 sites at GLOBAL HOUSE PLC.	Siam Global House PCL.	RE	n/a	n/a
104	Developing	2.45 MW Solar PV rooftop and Ground mounted at RPCL	Ratchaburi Power Company Limited	RE	n/a	n/a