

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

<b>No.</b>	<b>Registration ID.</b>	<b>Project Name</b>	<b>Project owner</b>	<b>Type of Project</b>	<b>Estimated Emission Reduction (tCO<sub>2</sub>e/y)</b>	<b>Registration Date</b>
1	001	Naresuan Hydropower Project	Electricity Generating Authority of Thailand (EGAT)	AE	21,198	19/8/2014
2	002	2 x 1.25 MW Lamtakhong Wind Turbine Generators, Thailand	Electricity Generating Authority of Thailand (EGAT)	AE	2,351	19/8/2014
3	003	KhlongRuea Off-Grid Hydropower Project	Electricity Generating Authority of Thailand (EGAT)	AE	330	19/8/2014
4	004	Energy Efficiency Improvement from lightings from T8 to T5, T8 to LED and Sodium to LED	DELTA ELECTRONICS (Thailand) Plc.	EE	488	17/9/2014
5	005	High-efficiency lighting installation in Chaengwattana 2 Building	Kasikorn Bank Plc.	EE	432	17/9/2014
6	006	Methane recovery and onsite utilization for power generation at tapioca flour mill	Ratchasima Flour Industry Co.,Ltd.	AE WM	83,989	17/9/2014
7	007	LED installation project for PEA's office	Provincial Electricity Authority of Thailand (PEA)	EE	5,404	17/9/2014
8	010	Methane Recovery and Utilization Project at Kaenkwan Co., Ltd., Khonkaen, Thailand	Thai Beverage Energy Co.,Ltd.	AE WM	74,114	27/10/2014
9	015	The Renewable Energy from Distillery Slop Project, Ubon Ratchathani Province	Thai Beverage Energy Co.,Ltd.	AE WM	86,346	21/7/2015
10	016	Mitr Phol Bio-Power (Danchang)-Block 2	Mitrphol Biopower Co.,Ltd. (DanChang)	AE	266,197	21/7/2015
11	017	Biodiesel Production for Use as Fuel of Vehicle by CPF	CPF (Thailand) Plc.	AE	3,961	21/7/2015
12	021	BSE Grid Connected Solar PV Project	BCPG Plc.	AE	41,861	29/1/2016
13	022	BSE-BRM Grid Connected Solar PV Project	BCPG Plc.	AE	10,691	29/1/2016
14	023	BSE-BRM Grid Connected Solar PV Project	BCPG Plc.	AE	10,360	29/1/2016
15	024	BSE-BPI Grid Connected Solar PV Project	BCPG Plc.	AE	36,533	29/1/2016
16	025	25 Megawatt Photovoltaic Power Plant Project of Bangchak Solar Energy (Prachinburi) Co., Ltd.	BCPG Plc.	AE	20,639	29/1/2016
17	026	12.5 Megawatt Photovoltaic Power Plant Project of Bangchak Solar Energy (Nakhonratchasima) Co., Ltd.	BCPG Plc.	AE	10,503	29/1/2016
18	027	12.5 Megawatt Photovoltaic Power Plant Project of Bangchak Solar Energy (Chaiyaphum 1) Co., Ltd.	BCPG Plc.	AE	10,503	29/1/2016
19	042	Renewable Energy from Distillery Slop Project, Buriram Province	Thai Beverage Energy Co.,Ltd.	AE	83,996	26/10/2016
20	043	Solar Farm at Nakhonsawan, Thailand	EA Solar Nakhonsawan Co.,Ltd.	AE	95,340	26/10/2016
21	044	Solar Farm at Lampang, Thailand	EA Solar Lampang Co.,Ltd.	AE	106,454	26/10/2016
22	045	Solar Farm at Pisanulok, Thailand	EA Solar Pisanulok Co.,Ltd.	AE	115,859	26/10/2016

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23	047	126 MW Hadkanghan Wind Farm Project	EA Wind Hadkanghun 3 Co.,Ltd.	AE	126,102	10/3/2017
24	048	Solar PV project at DELTA Bangpoo	DELTA ELECTRONICS (Thailand) Plc.	AE	435	10/3/2017
25	053	Solar Power System for Municipal Water Supply System	Prik Municipality, Sadao District, Songkhla Province	AE	16	17/5/2017
26	054	Community biogas from swine farms	Kham Khaen Sub District Municipality, Mancha Khiri District, Khon Kaen Province	WM	1,436	31/5/2017
27	056	LED Lighting Replacement Project	Hat Yai City Municipality, Song klha Province	EE	393	7/7/2017
28	070	Solar PV Project Phase 2 at Delta Bangpoo	DELTA ELECTRONICS (Thailand) Plc.	AE	1,403	29/8/2017
29	071	Energy Efficiency Improvement at Delta Bangpoo through Chiller Replacement	DELTA ELECTRONICS (Thailand) Plc.	EE	1,950	29/8/2017
30	073	EGAT Energy Efficiency Improvement for Lighting at High-Voltage Electricity Substations	Electricity Generating Authority of Thailand (EGAT)	EE	807	30/8/2017
31	081	Refused Derived Fuel Production from Municipal Solid Waste	Sisaket Town Municipality Sisaket Province	WM	14,442	15/9/2017
32	082	Production of Soil Application from Organic Waste	Hat Siao Subdistrict Municipality Sukhothai Province	WM	799	15/9/2017
33	085	Biogas Production and Utilization Project	Northern Biogas Company Limited	AE WM	211,020	13/11/2017
34	092	Solar Power Project	Ban Chang Sub District Municipality, Rayong Province	AE	72	20/4/2018
35	094	HNM1 Hanuman Wind Farm Project	Nayangklak Development Company Limited	AE	52,158	25/4/2018
36	095	HNM5 Hanuman Wind Farm Project	Pongnok Development Company Limited	AE	56,102	25/4/2018
37	096	HNM8 Hanuman Wind Farm Project	Nayangklak Wind Power Company Limited	AE	51,361	25/4/2018
38	097	HNM9 Hanuman Wind Farm Project	Benjarat Development Company Limited	AE	45,242	25/4/2018
39	098	HNM10 Hanuman Wind Farm Project	Banchaun Development Company Limited	AE	95,223	25/4/2018
40	103	Solar rooftop project at SET Building	Stock Exchange of Thailand	AE	49	14/6/2018
41	105	LED Lighting Replacement Project	Ratchaburi Electricity Generating Holding PCL.	EE	771	11/6/2018
42	107	LED Lighting Replacement Project	Nonthaburi City Municipality, Nonthaburi Province	EE	69	1/8/2018
43	108	LED Lighting Replacement Project	Nan Town Municipality, Nan Province	EE	29	1/8/2018
44	109	LED Lighting Replacement Project	Patong Town Municipality, Phuket Province	WM	149	1/8/2018
45	110	LED Lighting Replacement Project	Ubon Ratchathani City Municipality, Ubon Ratchathani Province	EE	252	1/8/2018
46	111	Energy Efficiency Improvement by replacing old lighting system to LED	Maha Sarakham Town Municipality, Maha Sarakham Province	EE	1,070	1/8/2018
47	112	High-efficient lighting replacement	Sakon Nakhon Town Municipality, Sakon Nakhon Province	EE	21	1/8/2018
48	113	Refuse Derived Fuel Production from Municipal Solid Waste	Roiet Town Municipality, Roiet Province	WM	22,321	1/8/2018

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49	114	Refuse Derived Fuel Production from Municipal Solid Waste	Udon Thani City Municipality, Udon Thani Province	WM	48,328	1/8/2018
50	115	Production of Soil Application from Organic Waste	Yasothon City Municipality, Yasothon Province	WM	8,545	1/8/2018
51	123	5MW Blue solar farm 1 power plant	Blue Solar Farm 1 Co., Ltd.	AE	4,250	31/8/2018
52	124	SMT Electricity generation from biomass	SMT Biomass Co., Ltd.	AE	36,116	3/9/2018
53	131	Floating Solar Project	Ratchaburi Electricity Generating Holding PCL.	AE	1,774	13/11/2018
54	134	High-efficiency lighting installation in SET Building	Stock Exchange of Thailand	EE	865	15/11/2018
55	139	Energy Efficiency Improvement by Replace Old Lighting System to LED at Surat Thani City Municipality	Surat Thani City Municipality	EE	544	28/2/2019
56	140	Energy Efficiency Improvement by replace old lighting system to LED at Kanchanaburi Town Municipality	Kanchanaburi Town Municipality	EE	161	3/11/2019
57	141	LED Lighting Replacement Project by Chiangrai City Municipality, Mueang District, Chiangrai Province	Chiangrai City Municipality	EE	820	3/11/2019
58	142	Energy Efficiency Improvement by replace old lighting system to LED at Buriram Town Municipality	Buriram Town Municipality	EE	60	3/11/2019
59	143	Community biogas production from swine farm at Tadindam Sub District, Chai Badan, Lopburi Province	Tadindam Sub District	WM	1673	3/11/2019
60	157	LED Lighting Replacement Project by Lamphun Town Municipality	Lamphun Town Municipality	EE	36	15/7/2019
61	158	Energy Efficiency Improvement by replace old lighting system to LED at Phuket City Municipality	Phuket City Municipality	EE	278	15/7/2019
62	159	Energy Efficiency Improvement by replace old lighting system to LED at Nakhon Ratchasima City Municipality	Nakhon Ratchasima City Municipality	EE	166	15/7/2019
63	160	Community biogas production from swine farm at Taopoon Sub District, Song District, Phrae Province	Taopoon Subdistrict Administration Organization, Phrae Province	WM	624	15/7/2019
64	163	97kW Solar Power Project by Maetha Subdistrict Administration Organization, Chiangmai Province	Maetha Subdistrict Administration Organization, Chiang Mai Province	AE	91	4/9/2019
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	AE	316	4/9/2019
66	166	Solar PV Project Phase 3 at DELTA Bangpoo	DELTA ELECTRONICS (Thailand) Plc. (@Bangpoo)	AE	1,038	4/9/2019
67	167	Solar PV Project at DELTA Wellgrow	DELTA ELECTRONICS (Thailand) Plc. (@Wellgrow)	AE	1,618	4/9/2019

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68	170	Electricity generation from biomass by Nakornphet Greenery Ltd.	Nakornphet Greenery Co.,Ltd.	AE	33,520	4/9/2019
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	4/9/2019
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	4/9/2019
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	4/9/2019
72	178	Landfill Gas Methane recovery from waste for electricity generation at Nonthaburi Provincial Administrative Organization	Nonthaburi Provincial Administrative Organization	WM	147,631	4/9/2019
73	180	Energy Efficiency Improvement at DELTA Wellgrow through Chiller Replacement	DELTA ELECTRONICS (Thailand) Plc. (@Wellgrow)	EE	1,287	4/9/2019
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.	AE/WM	276,154	19/6/2020
76	203	132.48 kW Solar rooftop project atoffice 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	8/4/2020

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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.	AE	3,830	16/6/2021
86	235	Solar PV Project Phase 4 at Delta Bangpoo (748.44 kWp)	DELTA ELECTRONICS (Thailand) PLC.	AE	569	22/7/2021
87	260	Sermasang Solar 5MW Photovoltaic Solar Power Plant	Sermasang Solar Co., Ltd.	AE	3,713	30/9/2021
88	261	Solar rooftop project at Siam Yamato Steel Co., Ltd.	Siam Yamato Steel Co., Ltd.	AE	3,297	30/9/2021
89	262	Solar PV project phase 1&2 of Thai Food Group PCL.	Thai Foods Group PLC.	AE	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.	AE	7,763	15/2/2022
91	288	Solar Orchestra	Combined Heat and Power Producing Co.,Ltd. Export and Import Bank Co.Ltd. Neo Clean Energy Co.,Ltd.	AE	1,276	18/4/2022
92	294	TBE 5MW Solar rooftop 5 sites	Thai Beverage Energy Co.,Ltd.	AE	3,396	29/6/2022
93	301	Electricity generation from biomass 9.9 MW by Tha-Chang Green	Tha-Chang Green Power Co.,Ltd.	AE	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.	AE	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.	AE	69,029	18/8/2022
96	305	Electricity generation from biomass 55 MW by Buayai Biopower Co.,Ltd.	Buayai Biopower Co.,Ltd.	AE	190,424	2/9/2022
97	306	Floating Solar 11.9 MW project at Siam Yamato Steel Co., Ltd.	Siam Yamato Steel Co., Ltd.	AE	8,495	18/8/2022
98	307	Boonrawd 3MWSolar rooftop 3 sites (WNB, MB, SB)	Boon Rawd Brewery Co., Ltd.	AE	1,252	17/8/2022
99	292	Electricity generation from biomass by Uni Power Tech Co., Ltd.	Uni Power Tech Co., Ltd.	AE	34,325	29/6/2022
100	345	Solar rooftop 6 sites at GROHE Siam	GROHE Siam Co.,Ltd.	AE	1,823	28/4/2023
101	349	Solar rooftop program by SENA Development Group	SENA Solar Energy Co.,Ltd.	AE	634	28/4/2023
102	348	Solar rooftop 29 sites at GLOBAL HOUSE PLC.	Siam Global House PCL.	AE	16,760	28/4/2023

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103	344	Solar PV project by S.KIJCHAI ENTERPRISE PLC.	S.Kijchai Enterprise Plc.	AE	2,452	28/4/2023
104	333	Bangkok Metropolitan Area E-Bus Zone 1 and 2	Energy Absolute Plc.	AE	3,254	28/3/2023
105	334	Bangkok Metropolitan Area E-Bus Zone 3 and 4	Energy Absolute Plc.	AE	1,971	28/3/2023
106	353	Solar rooftop at Siam KUBOTA Corp	Siam Kubota Corporation Co.,Ltd.	AE	2,164	25/7/2023
107	352	2.45 MW Solar PV rooftop and Ground mounted at RPCL	Ratchaburi Power Company Limited	AE	1,619	25/7/2023
108	357	Solar Energy Program by EXIM Bank of Thailand	Export and Import Bank of Thailand	POA AE	1,112	26/9/2023
109	385	Solar project by Metro Green Energy	Metro Green Energy Co.,Ltd.	AE	18,590	11/3/2024
110	230	Community biogas from swine farms at Thamanao subdistrict, Chaibadan	Thamanao Subdistrict Administration Organization	AE	1,525	23/7/2018
111	386	Solar PV project by PJW at Samut Sakorn Factory	Panjawattana Plastic Public Co.,Ltd.	AE	1,341	11/3/2024
112	413	Solar PV project by Jinpao at Samut Prakarn Factory	Jinpao Precision Industry Co.,Ltd.	AE	984	21/7/2024
113	449	Solar PV project By Kangwal Polyester	Kangwal Polyester Company Limited	AE	19,597	28/8/2024
114	448	Solar PV project By Kangwal Spinning	Kangwal Spinning Company Limited	AE	11,810	28/8/2024
115	447	Solar PV project By Kangwal Textile	Kangwal Textile Company Limited	AE	3,668	28/8/2024
116	442	Solar PV project By Thaifoods Group	Thaifoods Group Public Company Limited	AE	4,302	28/8/2024
117	449	Biomass power plant at Sikieo by KBSP	KBS Power Company Limited	AE	156,749	28/8/2024
118	443	Solar PV project By SEAPAC	Southeast Asian Packaging & Canning Co., Ltd.	AE	4,809	28/8/2024
119	Developing	Solar PV projects by PJW Group at PJW, PJWA, PJM, ML Factory	Panjawattana Plastic Public Co.,Ltd.	AE	n/a	n/a