

經賣 2021 年 ESG 執行情形

Energy Saving Report 製作單位：ESH (環保工安衛健)部門

統計期間：2021 年 1 月 1 日至 12 月 31 日

節能、減碳包含三大範疇：太陽能發電(1+2)、風力渦輪機供電(3)及廢、雨水循環使用(4+5)

10. Energy Saving Report (รายงานการอนุรักษ์พลังงานปี2021)																	
Method of Analysis		Energy Saving		Unit	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Total
1	Solar Cell (Car Park) Install 23/05/13	Total (KWh)	33.15(KW)	KW	93	1,027	1,191	1,027	948	980	921	961	836	911	842	1,077	11,664
		Total (THB)		THB	3,485	3,795	4,339	4,112	3,365	3,479	3,372	3,518	3,103	3,263	3,103	3,907	42,841
		Saving (CO2)		KG	589	642	744	642	593	613	576	601	523	509	526	673	7,290
2	Solar Cell 01 Factory 1 + Solar Cell 02 AMP	Total (KWh)	993.60(KW)	KW	78,300	77,400	90,950	76,300	98,800	112,100	99,100	101,100	95,500	74,200	75,300	78,900	1,057,950
		Total (THB)		THB	285,157	286,016	279,592	305,467	350,744	408,418	389,915	367,179	352,455	263,413	274,343	281,718	3,814,417
		Saving (CO2)		KG	48,938	48,375	56,844	47,688	61,750	70,063	61,938	63,188	59,688	46,375	47,063	49,313	661,219
3	Wind Turbine Install 25/05/13	Total (KWh)	0.2(KW)	KW	46	49	44	43	17	49	43	21	5	48	30	27.00	422
		Total (THB)		THB	167	182	135	172	60	180	159	77	17	174	111	98	1,532
		Saving (CO2)		KG	29	31	27	27	10	31	27	13	3	30	19	17	264
4	Water Reuse Install July 13	Total (M <sup>3</sup> )	Basic THB Bill (THB M <sup>3</sup> )	M <sup>3</sup>	240	155	291	185	163	216	211	232	7	84	183	171	2,138
		Total (THB)		THB	9,037	6,157	10,882	6,966	5,267	7,932	8,032	8,268	260	2,933	6,672	5,166	77,571
5	Water Reuse New AMP Plant Apr	Total (M <sup>3</sup> )	34 (THB M <sup>3</sup> )	M <sup>3</sup>	17	7	12	1	31	7	8	8	181	16	11	12	311
		Total (THB)		THB	640	278	449	38	1,002	257	305	285	6713	559	401	363	11,288
Summary Saving Energy		Total (KWh) ครอบคลุมไฟฟ้า			79,289	78,476	92,185	77,370	99,765	113,129	100,064	102,082	96,341	75,159	76,172	80,004	1,070,036
		Total (M <sup>3</sup> ) ครอบคลุมน้ำ			257	162	303	186	194	223	219	240	188	100	194	183	2,449
		Total CO <sub>2</sub> emitted (kg) ลด CO <sub>2</sub>			49,555	49,048	57,616	48,356	62,353	70,706	62,540	63,801	60,213	46,975	47,608	50,003	668,772
		Total (THB)			298,486	296,429	295,397	316,754	360,439	420,266	371,783	379,327	362,547	270,341	284,630	291,251	3,947,649

節能減碳總結；

1. 節約電力 1,070,036 度(千瓦/時)
2. 節約水 2,449 立方米

3. 減排二氧化碳 668,772 公斤

合計 3,947,649 泰銖

經寶 2022 年 ESG 執行情形

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節能、減碳包含三大範疇：太陽能發電(1+2)、風力渦輪機供電(3)及廢、雨水循環使用(4+5)

10. Energy Saving Report (รายงานการอนุรักษ์พลังงาน ปี 2022)																	
Method of Analysis		Energy Saving		Unit	Jan'22	Feb'22	Mar'22	Apr'22	May'22	Jun'22	July'22	Aug'22	Sep'22	Oct '22	Nov'22	Dec-22	Total
1	Solar Cell (Car Park) Install 23/05/13	Total ( KWh )	33.15 (KW)	KW	962	841	765	991	813	817	831	823	788	928	827	1,127	10,513
		Total ( THB )		THB	3,888	3,235	2,803	3,666	3,048	2,997	3,093	2,536	2,925	3,323	3,048	4,126	38,690
		Saving ( CO2 )		KG	601	526	478	619	508	511	519	514	493	580	517	704	6,571
2	Solar Cell 01 Factory 1 + Solar Cell 02 AMP	Total ( KWh )	993.60 (KW)	KW	84,300	74,000	93,700	86,700	91,900	95,100	90,700	89,000	76,600	91,600	86,600	86,400	1,046,600
		Total ( THB )		THB	337,495	280,082	340,784	318,561	344,040	346,341	335,163	273,597	282,702	325,184	315,513	313,791	3,813,252
		Saving ( CO2 )		KG	52,688	46,250	58,563	54,188	57,438	59,438	56,688	55,625	47,875	57,250	54,125	54,000	654,125
3	Wind Turbine Install 25/05/13	Total ( KWh )	0.2 (KW)	KW	12	26	40	36	19	20	7	7	22	52	31	29.00	301
		Total ( THB )		THB	49	100	147	133	71	73	26	22	82	186	114	106	1,110
		Saving ( CO2 )		KG	8	16	25	23	12	13	4	4	14	33	19	18	188
4	Water Reused Install July 13	Total ( M <sup>3</sup> )	Basic+THB Bill/ Bill (THB/M <sup>3</sup> )	M <sup>3</sup>	82	5	35	50	0	1	7	6	1	5	1	0	193
		Total ( THB )		THB	3,087	199	1,309	1,831	-	37	266	214	37	175	36	-	7,191
5	Water Reuse New AMP Plant Apr	Total ( M <sup>3</sup> )	34 (THB/M <sup>3</sup> )	M <sup>3</sup>	33	180	131	197	157	181	149	107	117	122	100	120	1,594
		Total ( THB )		THB	1243	7150	4899	7214	5073	6647	5672	3813	4339	4260	3646	4362	58,318
Summery Saving Energy	Total (KWh) ประหยัดไฟ				85,274	74,867	94,505	87,727	92,732	95,937	91,538	89,830	77,410	92,580	87,458	87,556	1,057,414
	Total ( M <sup>3</sup> ) ประหยัดน้ำ				115	185	166	247	157	182	156	113	118	127	101	120	1,787
	Total CO <sub>2</sub> emitted ( kg ) ลด CO <sub>2</sub>				53,296	46,792	59,066	54,829	57,958	59,961	57,211	56,144	48,381	57,863	54,661	54,723	660,884
	Total ( THB )				345,762	290,766	349,941	331,405	352,233	356,095	344,221	280,183	290,085	333,128	322,357	322,386	3,918,561

節能減碳總結：

1. 節約電力 1, 057, 414 度(千瓦/時)
  2. 節約水 1, 787 立方米
  3. 減排二氧化碳 660, 884 公斤
- 合計 3, 918, 561 泰銖