Attachment 1

Overview of the business and company performance Demco Public Company Limited

1. <u>Basic Information:</u>

Company Nane : Demco Public Company Limited

Business : 5 major businesses

- Electrical engineering, providing a complete solution in design, purchase, and construction of high voltage transmission line system, substations, and renewable energy power plants
- 2) Electrical and mechanical system (M&E)
- 3) Energy conservation
- 4) Communication and telecommunication tower construction
- 5) Manufacture and distribute steel structure for electrical engineering system of cable system, power distribution system and sub stations, as well as, telecommunication tower, radio antenna, and bill board structure

Head Quarter : 59 Moo1 Suan Prik Thai, Amphoemueang Pathum Thani, 12000

Phone : 02-959-5811 Fax : 02-959-5816

Registered Capital: baht 635,461,843

Ordinary shares of 635,461,483 shares, Par value baht 1.00 per share

Paid-Up Capital : baht 629,035,926 (dated 23 April 2013)

Ordinary shares of 629,035,926 shares, Par value baht 1.00 per share

2. Nature of Business

2.1 History

Demco Public Company Limited ("DEMCO" or "Company") was established on 1 June 1992 with registered capital of baht million 6.00. The Company was established by the group of electrical engineer in power distribution system and high voltage transmission system with more than 20 years' experience. At present, the company provides a complete solution in design, purchase, construction, and installation of power distribution and transmission system. The company also offers services in renewable energy for example wind energy, solar energy and energy conservation as well as, construction of telecommunication tower, manufacture and distribute steel poles for high voltage transmission system, Bill Board, and dealers of electrical and transmission equipment and construction materials. This is a business that is growing in compliments with the growth and development of the energy system of the country.

2.2 Nature of Business

The Company has 3 type of business

1) Services business

The Company provides a complete solution in design, purchase, construction, and installation of engineering systems (Turnkey Basis) for both private and government sector in the form of direct contractor and sub-contractor. The acquisitions of jobs are in the forms of auction and bidding and negotiation. The company also works in consortium with other domestic and international companies to continuously elevate and expand in new business areas. The services that the company provides can be categorized into

- <u>Electrical engineering</u>, providing a complete solution in design, purchase, and construction of High Voltage Transmission Line System)
- High Voltage Substation
- Construction of the distribution system. And underground electrical system.
- Renewable energy, providing a complete solution in design, purchase, and construction of alternative energy sources other than current energy (Oil, Coal, and natural gas) such as wind energy, solar energy, waste energy, and bio gas from fermentation of waste water.
- Signal transmission, providing design, installation, and inspection of communication system to locate routing of the train by installing the detection system that communicates and update status back to the train station and central control as well as, installation of optical fiber cable for the public sector.
- <u>Electrical and mechanical system</u> (M&E), providing a complete design, purchase, installation, and inspection solutions of utility systems consisting of electrical systems, sanitary system, air conditioning, ventilation system, steam and hot water system and high pressure piping system
- Communication and Telecommunication tower, providing design, purchase, construction and installation of steel structure for communication and telecommunication system for private and public sector as well as mobile telecommunication provider operator or contractor
- Energy conservation, the company was registered as energy conservation consultant with the department of alternative energy development and efficiency since 2003. Providing consultancy for planning, installation, and design of energy conservation system for public and industrial sector

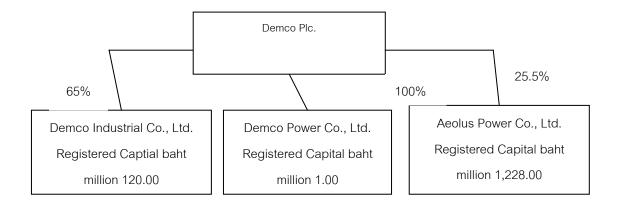
2) Sales business

- Manufacture and distribute steel structure for electrical engineering system of cable system, power distribution system and substations, as well as, telecommunication tower, radio antenna, and bill board structure at the capacity of 12,000 tons per year.
- Distribute installation equipment for telecommunication tower as ready to install sets of Guyed mass tower and self-support tower, which eliminate the troubles of buying from multiple suppliers
- Distribute electrical components for cable system, substation, and various other standard electrical components. Manufacture and distribute mounting device for construction projects
- <u>Distribute building and civil construction materials</u> such as cement, concrete, steel, paints, and etc.

3) Development and investment business

Since 2009, the company has emphasized on expanding alternative and renewable energy business. The company formed an alliance to develop wind energy project. The Company is responsible for surveying, designing, purchasing, and construction of the project. Its Alliance company is responsible for the supply of wind turbine and fund raising as part of co-developer. The company has thus become experienced in terms of cost, opportunities, limitation, and return on investment. Therefore, the company would like to expand business into investment and emphasize on business that compliments the core business as to diversify risk and benefit from dividend and sustainable cash flow.

Company Structure



Demco Industrial Company Limited

The Company has invested in Demco industries Company Limited ("DI") since 1 January 2008. Formerly named JMP Inter Company Limited, DI manufactures and installs steel structure, high-pressure vessels, pressure piping systems, and mechanical equipment. DEMCO holds 65% of paid-up shares. The rest 35% of shareholders do not have potential conflict of interest with the company or its sub companies or affiliates held more than 10 percent shares. After the investment, the Company's policy is to readjust DI's operating plan by focusing on manufacturing and installation of high-pressure vessel business rather than steel structure. At present, DI has expanded into civil engineering and prefabricate steel house for export.

Demco Power Company Limited

Demco Power Company Limited ("DP") has registered capital baht million 1.00. The Company holds 100% shares of DP. The Company Board of Director's Meeting no. 5/2012 held on 10 September 2012 has approved the transfer of sales business, which includes manufacturing and distribution of steel structure business, telecommunication tower installation, electrical equipment sales, and construction to DP.

Aeolus Power Company Limited

The Company Extraordinary General Meeting No. 1/2554, held on 17 June 2011 approved an investment of 27 percent shares holding of the Aeolus Power Co., Ltd. ("Aeolus"), which holds 60% of First Korat Wind Company Limited ("FKW") and KR2 Company Limited ("KR2"). During the time, the Company invested in Aeolus, Aeolus has invested in 2 Wind Farm Projects ("Wind Farm") which are West Huaybong 3 under Frist Korat Wind Company Limited ("FKW") and West Huaybong 2 under KR2 Company Limited ("KR2"). Each project has install capacity of 103.5 MW and has PPA with EGAT for 90MW each. The projects are located Huaybong sub-district, Dan Khun Thot district, Nakorn Ratchasima, and using Siemens Wind Power A/S (Siemens) for 45 Turbines each project. DEMCO was the balance of plant subcontractor ("BOP"), electrical substation, transmission line, and fundamental structure of Wind Turbine. The purpose of the investment is to get long-term dividend and able to expand its business to alternative and renewable energy domestically and internationally. As a result of this investment, Aeolus becomes an associated company with DEMCO. Currently, DEMCO holds 25.5% of and consider a related person to Company. DEMCO also has 1 representative on Aeolus board of directors

2.3 Revenue Structure

Revenue Structure of the Company for the past 3 years:

Revenue (baht million)	2010		2011		2012	
	Value	%	Value	%	Value	%

Revenue (baht million)	20	10	2011		2012	
	Value	%	Value	%	Value	%
Revenue from Service Business						
1. Electrical Engineering	1,700.24	79.66	1,373.65	46.39	2,209.50	44.57
2. Electrical & Mechanical system	67.12	3.14	209.91	7.09	222.14	4.48
3.Telecommunication	137.44	6.44	121.80	4.11	97.75	1.97
4. Civil Engineering	32.08	1.50	125.89	4.25	46.15	0.93
5.Renewable Energy	197.45	9.25	1,129.90	38.16	2,381.89	48.05
Total Revenue from Service	2,134.33	85.62	2,961.14	90.74	4,957.43	81.08
Revenue from Sales Business						
1. Steel Structure	163.94	49.44	156.69	58.57	436.64	40.22
2. Electrical and Civil	167.65	50.56	110.83	41.43	649.08	59.78
Total Revenue from Sales	331.59	13.30	449.55	27.72	1,085.72	17.76
Other Revenue	27.00	1.08	48.44	2.99	70.94	1.16
Total Revenue	2,492.92	100.00	1,621.66	100.00	6,114.10	100.00

Source: DEMCO Plc.

Based on the table above, the Company has major revenue from Electrical Engineering service such as the construction of electrical substations and transition lines. Based on the Company 20 years engineering experience, the Company can easily expand its business to other related business such as electrical and mechanical system, telecommunication system, and renewable energy. In 2012, the revenue structure of the Company has changed. Revenue from electrical engineering was 36.14% of total revenue or 44.57 of the revenue from service. Revenue from renewable energy was 39% of total revenue or 48.05% of the revenue from service. The revenue from sale business is increase due to the increase of electrical sales.

As of 31 December 2012, the Company has work in progress baht million 4,286.26 as the detail is shown below:

Type of Project	2012					
Type of Project	Project	Amount (baht million)				
Electrical Engineer	76	937.19				
Electrical and Mechanical system	6	35.96				
Telecommunication	16	69.24				
Renewable Energy	9	3,242.87				
Total	107	4,286.26				

Source: DEMCO

Shareholders

List of 10 major shareholders as of 18 March 2013 (the latest book closing date):

	Name	Shares	%
1	Puipunthavong Family		
	- Mrs. Prapee Puipunthavong	89,863,654	14.44%
	- Mr. Swat Puipunthavong	25,875,011	4.16%
	- Miss. Pwalaporn Puipunthavong	2,756,233	0.44%
	- Mr. Oran Puipunthavong	1,056,082	0.17%
	- Miss. Pawadee Puipunthavong	192,000	0.03%
	- Miss Ratchaneewipa Puipunthavong	104,916	0.02%
	- Miss Promporn Puipunthavong	73,746	0.01%
	- Mr. Sumpan Puipunthavong	4,000	0.00%
	Total	119,925,642	19.27%
2	Kitti-Itsaranon Family		
	- Mr. Pradej Kitti-Itsaranon Family	29,054,086	4.67%
	- DD Mart Compan Limited	20,528,857	3.30%
	- Mr. Kamtorn Kitti-Itsaranon	14,093,211	2.26%
	- Miss Jenejira Kitti-Itsaranon	8,696,800	1.40%
	- Miss Nantida Kitti-Itsaranon	4,809,937	0.77%
	- Mrs. Busya Kitti-Itsaranon	1,826,245	0.29%
	Total	79,009,136	12.69%
3	Thai NVDR Company Limited	65,720,890	10.56%
4	Mr. Sompong Chonkadeedumrong by Asia Plus Plc.	15,000,000	2.41%
5	Mr. Pichai Wijakapan	11,887,800	1.91%
6	HSBC (SINGAPORE) NOMINEES PTE LTD	9,600,000	1.54%
	CITIBANK NOMINEES SINGAPORE PTE LTD-UBS AG LONDON		
7	BRANCH-NRBS IPB CLIENT SEG	9,079,972	1.46%
8	Choradol Family		
	- Mr. Suwat Choradol	8,648,006	1.39%
	- Mr. Sukrit Choradol	6,558,251	1.05%
	- Mr. Somsak Choradol	100,000	0.02%
	Total	15,306,257	2.46%
9	Mr. Amornwat Tikritaporn	7,200,000	1.16%
10	Mrs. Worawan Jiengthrupaisan	5,697,100	0.92%

Name	Shares	%
Total first 10 Major shareholders	338,426,797	54.37%

Source: Thailand Securities Depository Company Limited

3. <u>Board of Directors</u>

List of the Directors of the Company dated 3 April 2013

	ชื่อ	Position
1.	Mrs. Praphee Puipunthavong	Chairman of the Board
2.	Mr. Phongsak Siricupta	Director
3.	Mr. Pradej Kitti- Itsaranon	Director
4.	Mr. Suwat Choradol	Director
5.	Mr. Poomchai Hirunchai	Director
6.	Mr. Askom Manakaew	Director
7.	Mr. Pairoj Sirirat	Director
8.	Gen. Thain Chonmaitree	Chairman of the Audit Committee/Independent Director
9.	Mr. Sanguan Tungdajahirun	Audit Committee/Independent Director
10.	Mr. Maitree Laksanakoses	Audit Committee/Independent Director
11.	Miss Pasita Kityaphoke	Audit Committee/Independent Director

Source: SETSMART

4. The Company and its subsidiaries' operating performance and financial analysis

Statement of Financial Position

Items		Com	npany Only		Co	onsolidated
(baht million)	2010	2011	2012	2010	2011	2012
Assets						
Current assets						
Cash and cash equivalents	164.63	188.48	201.07	165.84	201.08	203.87
Trade account receivable-net	321.51	611.57	1,248.12	319.83	585.84	1,178.40
Unbilled installments on completed work-net	820.98	1,377.85	968.02	27.14	1,383.75	970.56
Short-term loan to subsidiaries	34.10	34.08	14.15	0.10	0.08	0.15
Inventory-net	191.15	215.15	204.40	191.93	216.29	205.36
Other current assets	65.94	188.28	51.32	69.60	184.75	245.08
Total current assets	1,598.31	2,615.41	2,887.08	1,574.44	2,571.79	2,803.42
Non-current assets						
Restricted deposits at financial institutions	17.65	73.22	48.10	17.65	73.21	48.10
Invest in associates	-	615.11	1,197.73	-	603.67	1,173.80
Invest in subsidiaries	64.00	64.25	65.00	-	-	-
Other long-term investment-net	40.53	65.85	65.85	40.53	65.85	65.85
PP&E-net	130.87	162.55	182.34	290.84	307.18	315.45
nonperformance asset-net	11.08	10.08	8.93	11.08	10.08	8.93
Other non-current assets	31.73	19.96	6.65	34.52	24.51	23.06
Total non-current assets	295.86	1,011.02	1,574.60	394.62	1,084.50	1,635.19
Total assets	1,894.17	3,626.43	4,461.68	1,969.06	3,656.29	4,438.61
Liabilities and shareholder equities						
Current liabilities						
Bank overdraft and short term loans	136.25	657.52	1,245.33	153.80	672.52	1,249.93
Trade account payable-net	260.38	885.35	660.30	265.04	890.51	628.33
Short-term loan from others	179.00	95.00	280.00	179.22	95.00	280.00
Short-term loan from related person	-	-	-	8.49	-	-

Items		Con	npany Only	Consolidat		
(baht million)	2010	2011	2012	2010	2011	2012
Current portion of long term loan	14.41	18.30	21.96	26.13	27.60	28.43
Advance payment	131.71	618.56	215.23	136.26	622.81	215.23
Other current liabilities	113.67	203.45	261.15	119.01	205.20	226.95
Total current liabilities	835.42	2,478.18	2,683.97	887.95	2,513.64	2,628.87
Noncurrent liabilities						
Long term loan	-	-	-	26.11	17.19	10.71
Employee benefits	-	34.55	39.74		35.13	40.52
Liabilities by contract of financial lease	4.25	13.76	11.32	4.58	13.76	11.32
Total noncurrent liabilities	4.25	48.31	51.06	30.69	66.08	62.55
Total liabilities	839.67	2,526.49	2,735.03	918.64	2,579.72	2,691.42
Shareholder equities						
Registered and paid-up capital	435.46	446.04	553.41	435.46	446.04	553.41
Premium on common shares	455.88	473.82	655.07	455.88	473.82	655.07
Premium on treasury stock	-	-	31.07			31.08
Advance receivable share fee	21.42	19.24	10.75	21.42	19.24	10.75
Retained earnings (deficits)						
Regal reserve	30.36	37.11	55.70	30.36	37.11	55.70
Reserve for treasury stock	124.19	165.16	93.20	124.19	165.16	93.20
up appropriate	111.38	123.73	420.65	86.36	82.26	403.42
Total shareholders' equity of the parent	1,178.69	1,265.10	1,819.85	1,153.67	1,223.63	1,802.63
company						
Non control interest	-	-		20.94	18.10	37.76
Less Treasury stocks	(124.19)	(165.16)	(93.20)	(124.19)	(165.16)	(93.20)
Total shareholders' equity	1,054.50	1,099.94	1,726.65	1,050.42	1,076.57	1,747.19
Total liabilities and shareholders' equity	1,894.17	3,626.43	4,461.68	1,969.06	3,656.29	4,438.61

Statement of Comprehensive Income

Items	С	ompany Onl	у	Consolidated			
(baht million)	2010	2010 2011 2012		2010	2011	2012	
Revenue from service	2,134.33	2,961.14	4,957.43	2,182.21	3,036.80	4,986.41	
Revenue from sales	331.59	267.52	1,085.72	310.61	251.99	953.18	
Total revenue	2,465.92	3,228.66	6,043.15	2,492.82	3,288.79	5,939.59	
Cost of service	1,790.52	2,562.28	4,310.97	1,865.94	2,614.91	4,254.93	
Cost of sales	322.77	264.80	945.95	301.90	265.56	813.55	
Total cost	2,113.29	2,827.08	5,256.92	2,167.84	2,880.47	5,068.48	
Gross profit	352.63	401.58	786.23	324.98	408.32	871.11	
Other revenue	27.00	34.59	70.94	27.37	38.81	70.38	
Operating profit	379.63	436.17	857.17	352.35	447.13	941.49	
Administrative expenses	183.81	189.19	274.20	189.06	203.14	298.52	
Director compensation	28.73	26.12	27.44	31.10	27.20	28.52	
Total expenses	212.54	215.31	301.64	220.16	230.34	327.04	
Share of profit (loss) from associates	-	-	-	-	11.44	12.48	
EBIT	167.09	220.86	555.53	132.19	205.35	601.97	
Cost of debts	15.10	37.62	105.06	19.44	41.01	107.60	
Taxes	39.16	48.26	77.71	39.16	48.26	77.71	
Profit (loss) before NCI	112.83	134.98	372.76	73.59	116.08	416.66	
Plus(minus) loss (profit) of NCI	-	-	-	-	-	-	
Net profit (loss)	112.83	134.98	372.76	73.59	116.08	416.66	
Profit (loss) per share							
weighted average	0.29	0.31	0.73	0.23	0.27	0.78	
Fully Diluted	0.25	0.28	0.72	0.20	0.25	0.77	

Statement of Cash Flows

Items	Company Only			Consolidated		
(baht million)	2010	2011	2012	2010	2011	2012
Cash flow provided (used) from operation	(44.47)	384.76	(433.51)	(56.95)	416.28	(404.96)
Cash flow provided (used) from investing	(64.24)	(726.73)	(564.34)	(40.29)	(723.23)	(582.97)
Cash flow provided (used) from financing	243.42	365.83	1,010.44	232.01	342.91	990.73

- Translation -

Attachment Independent Financial Advisor's Opinion

Demco Public Company Limited

Net cash flow increase (decrease) net	134.71	23.86	12.59	134.77	35.96	2.80
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Financial Ratio

Items	Co	mpany O	nly	С	onsolidate	ed
	2010	2011	2012	2010	2011	2012
Liquidity Ratio						
Current ratio (time)	1.91	1.06	1.08	1.77	1.02	1.07
Quick ratio (time)	1.68	0.97	1.00	1.56	0.94	0.99
Account receivable turn over (time)	7.40	6.87	6.46	7.51	7.23	6.69
Average Collection Period (day)	48.63	52.39	55.74	47.96	49.79	53.79
Inventory Turnover (time)	5.11	4.19	11.56	4.78	3.92	9.90
Inventory Turnover (day)	70.40	85.84	31.13	75.26	91.72	36.36
Account payable turn over (time)	8.90	4.93	6.80	8.97	4.99	6.67
Account payable turn over (days)	40.47	72.95	52.92	40.14	72.21	53.94
Cash Cycle (day)	78.56	65.28	33.95	83.08	69.30	36.21
Profitability Ratio						
Gross profit margin (%)	14.30	12.44	13.01	13.04	12.42	14.67
Gross profit margin (%) sales	2.66	1.02	12.87	2.81	1.10	14.65
Gross profit margin (%) service	16.11	13.47	13.04	14.49	13.35	14.67
Operating profit margin (%)	6.78	6.84	9.19	5.30	6.24	10.13
Net profit margin (%)	4.58	4.18	6.17	2.95	3.53	7.01
ROE (%)	10.70	12.27	21.59	7.01	10.78	23.85
Efficiency Ratio						
ROA (%)	5.96	3.72	8.35	3.74	3.17	9.39
ROFA (%)	83.57	80.81	199.07	24.93	37.22	129.99
Asset turn over (time)	1.30	0.89	1.35	1.27	0.90	1.34
Financial Policy Ratio						
D/E Ratio (time)	0.80	2.30	1.58	0.87	2.40	1.54
Interest Coverage Ratio (time)	12.59	6.56	5.69	9.19	6.29	6.24
Dividend payout (%)	51.72	37.10	47.94	65.22	42.59	44.87

2.6 Analysis of Operating Results and Financial Status of the Company

Business overview of the Company and its subsidiaries

The Company provides a complex solution of design, construction, and installation of electrical engineering, electrical and mechanical systems, telecommunication tower, signaling system, energy conservation, renewable energy power plants, and manufacture and distributes steel structure, electrical component, and building materials for public and private sector mostly through bidding process. Its subsidiaries engaged in manufacturing and installation of steel structures, pressure vessel, pressure pipeline system, and mechanical equipment.

Operational Status

Revenue

The Company's policy is to recognize revenue from service business by calculating percentage of job completion and from sales business upon delivery. In 2011 the Company's total revenue was baht million 3,263.25 increased 31% from the previous years due to the revenue from service increase from baht million 2,134.34 to 2,961.14 due to the incremental of revenue from renewable energy. In 2012, the Company had total revenues of baht million 6,114.09, representing an increase of 87% from 2011. Revenue increased was from both service and sales business of 67% and 306% respectively, due to the increased of obtained renewable energy and telecommunication tower business.

1) Revenue from Service Business

Revenue from engineering service includes electrical distribution system, substation power distribution, construction of transmission lines, electrical and mechanical system, civil construction, and renewable energy. Revenue from service business during year 2010 – 2012 was baht million 2,134.34, baht million 2,961.14, and baht million 4,957.43 respectively, representing 91%, 86% and 81% of the total revenue each year. In 2011, the revenue from service business was baht million 2,961.14 increased 39 percent from 2010. The revenue from service business could separate to be 27% from private sector and 73% from public sector. The significant increase of 2011 service revenue came from renewable energy including wind power and solar power with 472% growth rom 2010 and accounting for 38% of service business revenue.

In 2012, service business revenue increased 67% to baht million 4957.43 from 2011 due to the continuous growth in renewable energy business, both wind power and solar energy, representing 48% of service business revenue (111% increase from 2011) and the growth in substation construction from private sector increased 99% from 2011, representing 41% of the total service business revenue. The service business revenue in 2012 was 5% contributed from public sector and 95% from private sector.

2) Revenue from Sales Business

Revenue from sales business comes from manufacturing and distribution of the steel structure, electrical components, and construction materials. Sales revenue in the year 2010 and the year 2011 were baht million 331.59 and baht million 267.52 respectively, representing 13% and 8% of total revenue. Sale revenue in 2011 went down 19% from year 2010 due to the 34% decrease in sales of electrical component and construction material as the market was highly competitive and company was very strict on providing credits to buyers.

In 2012, total sales revenue was baht million 1,085 accounting for 18% of total revenue, which increased by 306% from 2011 due to the incremental of electricity and construction materials revenue (increased by 483%) from the distribution of imported transformers and the incremental of steel structures business from telecommunication tower (increased by 179%).

The Company has invested in steel structure and pressure vessel in 2008 and added 8,000 square meters plant in addition and started to market its subsidiaries in 2009. However, the company was affected by the Map Ta Phut crisis, financial crisis, and political unrest. As a result, there was only a slight increase of income from its subsidiaries during 2010-2012, which were baht million 2520.20, 3327.60 and 6,009.96 respectively. However, since 2011 the company has expanded its business into civil construction, installation of mechanical system and steel structure of prefabricated house manufacturing for export. The Company expects revenue to rise in the following year.

■ <u>Cost</u>

The Company cost is separated to 2 parts based on the revenue. The Company total cost in 2010-2012 were baht million 2,113.29, 2,827.08, 5,256.92 respectively, representing an increase of 34% and 86%, respectively, as can be described as follows

1) Service Business Cost

The Company only costs are materials, direct labor, and overhead cost. In 2011, the Company had cost from service business baht million 2,562.28, representing 87% of service business revenue (27% private sector and 73% public sector). The service business cost increased by 43%, while service business revenue increased by 39%.

In 2012, service business cost were baht million 4,310.97, representing 87% of service business revenue (5% private sector and 95% public sector) similar to service business cost in 2011. In year 2012, Service business cost has increased by 68%, while service business revenue increased by 67%.

2) Sale Business Cost

The cost of trading business and steel structure manufacturing in 2010 and 2011 were baht million 322.77 and 264.80 respectively, 18% decrease from 2010, due to the revenue decrease from the sales of electrical components and building material. Cost of sales business was 97% to the revenue in 2010 and 2011.

In 2012 the Company's cost of sales business was baht million 945.95 increased from 2011 by 257% in line with the increase sale. The cost of sales to revenues was 87% due to the increased of revenues from the sale of Steel Structure in telecommunications.

Sales and Administrative expense

Company only sale and administrative expense are salary, utilities cost, bank fees, depreciation, entertainment expenses and vehicle expenses. In 2010 and 2011, the Company had sales and administrative expense of baht million183.81 and189.19 reactively or 3% increase. Sales and Administrative expense were 7% and 6% of the total revenue in 2010 and 2011 respectively.

In 2012, sales and administrative expense were baht million 274.20, 45% increased from the previous year due to the increase of salary, bank fees and doubtful receivable. Sales and Administrative expenses were 4% of total revenue 2012.

■ <u>Net Profit</u>

The Company only Net profit in 2011 was baht million 134.98 (20% increase form 2010) and has net profit margin 4% lower than the previous year due to the reduction of gross profit from both sales and service business and additional cost from business expansion.

In 2012, the Company only has baht million 372.76 net profit or 176% increase from 2011. Net profit ratio was 6.17% higher than 2011 due to the increase of sales business gross profit and the lower sales and administrative margin to the revenue.

For consolidated financial statement during 2010 – 2011, the Company has baht million 73.59 and 116.08 net profit respectively considered 3% and 4% of total revenue. Net profit increase in 2011 due to the increase in revenue from service.

Year 2012, the Company has net profit baht million 416.66 increased 259% from 2011 due to the increase of the revenue. In year 2012, the Company has 7% net profit

Financial Positions

Assets

Dated 31 December 2012, the Company has total assets baht million 4,438.61 as a combination of (1) Bath million 2,803.42 current assets (63% of total asset) and (2) baht million 1,635.19 non-current asset (34% of total assets). The total assets increase baht million 782.32 or 21% from previous year due to the increase of account receivable and credit notes baht million 592.56 and Investment in subsidiaries of baht million 570.13.

Dated 31 December 2011, the Company has baht million 3,656.29 as a combination of (1) baht million of 2,571.79 current assets (70% of total assets) and (2) intangible asset of baht million 1,084.50 (30% of total assets). The total assets increase baht million 1,687.23 or 86% from 31 December 2010 due to the increase of unbilled installment on completed work of baht million 556.61, account receive able and credit notes of baht million 266.01 and Investment in subsidiary of baht million 603.67.

■ Liabilities

Dated 31 December 2012, the Company total liabilities were baht million 2,691.42 as a combination of current liabilities of baht million 2,628.87 (98% of total liabilities) and non-current liabilities of baht million 62.55 (2% of total liabilities). Total liabilities in 2012 were increased by baht million 111.70 or 4% due to the increase of current liabilities of baht million 115.23 from the overdraft and short term loan from financial institution. Account payable, credit-notes, and advance payment from service business are decrease from the previous year.

Dated 31 December 2011, the Company had baht million 2,579.72 liabilities baht million 1,669.57 or 183% increased from 2010. The total liabilities is a combination of current liabilities of baht million 2,513.64 or 97% of total liabilities and non-current liabilities of baht million 66.08 or 3% of total liabilities.

Shareholders' equity

Dated 31 December 2012, the Company had shareholder equity of baht million 1,747.19 increase baht million 670.62 from 2011 as a combination of Net profit increase by baht million 416.66, additional paid-up by baht million 269.40 from warrant exercise, sell of treasury stocks by baht million 103.04 and dividend paid out by baht million 129.21.

Dated 31 December 2012, the Company had shareholder equity of baht million 1,076.57 increase baht million 26.15 from 2010 as a combination of Net profit increase by baht million 116.08, additional paid-up by baht million 10.57 from warrant exercise, reserved for buyback stock of baht million 40.97 and dividend paid out by baht million 34.93.

Liquidity

In 2012, the Company has used baht million 404.96 cash flow from operation due to the increased of account receivable baht million 409.48, increased of baht million receivable from insurance 116.14, decreased in account payable baht million 262.16, decreased in advance receivable baht million 407.58, increased in net profit of baht million 671.67 and the expenses from interest and corporate income taxes. However, the Company has unbilled installments on completed work-net decreased by baht million 409.48. The Company used cash flow from investing baht million 582.97 from investment in subsidiaries baht million 582.62 and acquired non-current asset of baht million 24.24 but decreased restricted deposit at financial institution by baht million 25.12 as a result cash flow from financing has to increase by baht million

990.73. Cash flow from financing was the combination of increased in bank overdraft and short term loan of baht million 482.59, other short term loan 280, cash received from selling ordinary shares of baht million 280.14, cash received from selling treasury stocks of baht million 28.63 and long term loan of baht million 22.50 and pay back long term loan and dividend of baht million 28.63 and baht million 129.14 respectively.

In 2011, the Company has earned baht million 416.28 cash flow from operation due to the increased of net profits of baht million 257.90, increase of account payable of baht million 619.58, increase of advance payment of baht million 619.58 but the Company has increased its account payable and unbilled unbilled installments on completed work. The Company has used cash flow from investing baht million 723.2 from investment in subsidiaries of baht million 615.11, long term investment of baht million 25.32, acquired non-current asset of baht million 28.44 and increased in restricted deposit at financial institution by baht million 54.85 as a result cash flow from financing has to increase by baht million 342.91. Cash flow from financing is a combination of increased in bank overdraft and short term loan of baht million 449.07, other long term loan 23.70, cash received from selling ordinary shares of baht million 26.33, cash used from buying treasury stocks of baht million 52.12 and pay back long term loan and dividend of baht million 35.71 and baht million 34.92 respectively.

5. <u>Industrial analysis</u>

According to board resolution of energy policy and planning office, the electricity generation plan is updated form PDP 2010 2nd to PDP 2010 3rd, which includes the development of electrical production during 2012 – 2030. An update has new prediction of electrical usage to match economic growth and infrastructure development including the railway system, 10 additional subways in Bangkok, high speed train and to match with the government policy such as covert the energy business to be the profitable business for the country and be a centralized of the energy business in the region. The policy includes environmental plan for the next 20 years.

For the last 1-2 years, the demand for design, construction, and electrical engineer has been slow down due to the government investment and private sector. However, with the company experience for more than 18 years, the Company is confident to stay in the business.

Attachment 2

Overview of the business and company performance Wind Energy Holding Company Limited

1. <u>Basic Information</u>

Company Name : Wind Energy Holding Company Limited ("WEH")

Business : Develop wind farm

Head quarter : 87 MThai Tower, Allseasons level 27, Wireless Road, Lumpini, Pahtumwan, Bangkok

Phone : 0 2245 6640-7 Fax : 0 2247 3328

Registered capital : baht 1,000,000,000 ordinary share of 100,000,000 shares at par value of baht 10 per

share

Paid-up capital* : baht 535,089,752.50 ordinary share of 100,000,000 shares:

1) Fully paid-up (baht 10) 322,374,650 shares, total baht 322,374,650

2) Not fully paid-up (baht 5.42)16,682,000 shares, total bath 90,416,440

3) Not fully paid-up (baht 2.5) 48,919,465 shares, total baht 122,298,662

4) Un-paid-up 2,161,070 shares.

Notes: * WEH's shareholder list

2. Nature of Business

2.1 History

Wind Energy Holding Company Limited ("WEH") found on 27 January 2009 as registered capital of baht million 1,000 to developed and sell electricity to Electricity Generating Authority of Thailand ("EGAT"). WEH is found to take over of Renewable Energy Corporation Company Limited ("REC"), which is found in 2006. REC is the company, which initially studies all information and hired AWS Truewind, the leading wind consultant of the world from the USA. Moreover, WEH also used the information from World Bank, installment of wind tower, collecting of the wind information and finally confirm the potential of the wind in Thailand. WEH also coordinate with all related government agencies including EGAT, the land from Agricultural Land Reform Office ("ALRO") and other government agencies.

Currently, WEH has subsidiaries for wind farm expansion and confident to bring the stable power to Thailand.

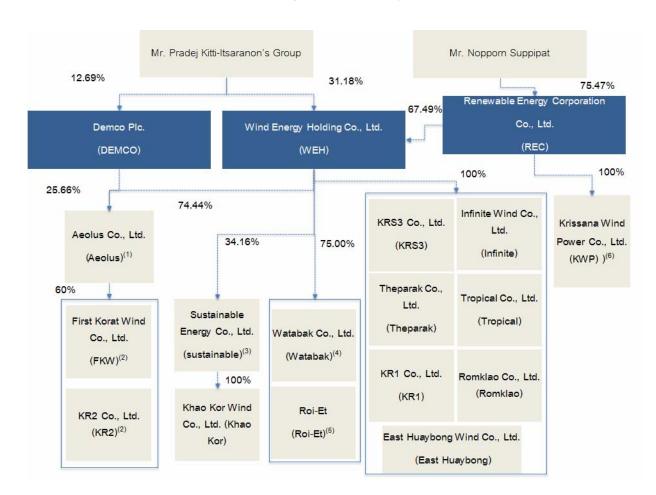
Key events for WEH

2010 WEH has signed Power Purchase Agreement ("PPA"	") with EGAT West Huaybong 3 under First
---	--

	Korat Wind Company Limited ("FKW") and West Huaybong 2 under KR2 Company Limited
	("KR2")
2011	Start construction of FKW and KR2
2012	FKW starts commercial operation date ("COD") 14 November 2012
2013	FKW starts commercial operation date ("COD") 14 November 2012

2.2 Business

Currently, WEH as subsidiaries and associates ("WEH Group") total of 14 companies (12 subsidiaries and 2 associates) all of WEH Group is developing the wind farm projects. The details are listed below.



Note:

- (1) DEMCO owns 25.56 of Aeolus
- (2) Chubu Electric Power Korat Company Limited owns 40% of FKW and KR2, Ratchaburi Electrical Holding Company Limited own 20% of FKW and KR2.
- (3) RATCH และ DEMCO owns Sustainable 55.18% and 10.43% of the total shares of Sustainable ตามลำดับ
- (4) 25% of Watabak's shares owned by individual investor
- (5) 25% of Roi-Et's share owned by foreign entity
- (6) Based on the side letter of draft share purchase agreement between WEH and DEMCO, at the success of the capital increase REC will sell its 99,997 shares in KWP (99.99% KWP) at total of Baht Million 45.00 to WEH.

WEH group wind farm projects:

	Project	Company	PPA (MW)	Production	COD	Progress of the Project
				Capacity		
				(MW)		
1.	West Huaybong 2	Aeolus/ KR2	90	103.5	February 2013	COD
2.	West Huaybong 3	Aeolus/ FKW	90	103.5	November 2555	
3.	Khao Kor*	Sustainable/Khao Kor	60	59.8	2556	PPA Signed
4.	Watabak	Watabak	60	68	2557	
5.	Korat 02/01	Theparak	90	100	2559	
6.	Korat 02/02	Tropical	90	100	2559	Received PPA acceptant
7.	Korat 02/03	KRS3	90	100	2559	
8.	North Krissana	KWP	90	100	2559	
9.	Korat 02/04	KR1	90	100	2560	
10.	ST1	Infinite	60	75	2561	Waiting for PPA
11.	Roi-Et	Roi-Et	60	75	2560	acceptant
12.	Mukdahan	Romklao	60	75	2560	
13.	East Huaybong	East Huaybong wind	N/A	N/A	N/A	Rejected for PPA

Source: Wind Energy Holding Company Limited

2.2 Detail of Assets and future projects

Project details of FKW and KR2, which are in the commercial production

Project	West Huaybong 2	West Huaybong 3	
Company	KR2	FKW	
Investment (Baht Million)	6,087.00	6,481.96	
Install Capacity (MW)	103.5	103.5	
Offer Capacity to EGAT (MW)	90	90	
Turbine	45	45	
Location	Huaybong sub-district, Dan Khun Thot district, Nakorn Ratchasima		
Land Size (Rai)	8,954 14,928		
Turbine Manufacturing	Siemens Wind Power A/S และ Siemens Limited Thailand		

^{*} Khao Kor project by Sustainable Energy Company Limited ("Sustainable") WEH owns 34.16% therefore the information of Khao Kor is the information from Sustainable WEH has no control

	"Siemens")		
Useful life of asset*	22 years		
COD	8 February 2556 14 November 2555		

Source: Wind Energy Holding Company Limited

Additional detail for 5 future projects (expected to COD within 2017, which WEH is the major shareholder and already received PPA acceptant

Project	Watabak	Korat 02/01	Korat 02/02	Korat 02/03	North
					Krissana
Company	Watabak	Theparak	Tropical	KRS3	KWP
Investment (Baht Million)	4,059.36	6,210.26	6,169.06	6169.06	6,014.56
Install Capacity (MW)	68	100	100	100	100
Offer Capacity to EGAT (MW)	60	90	90	90	90
Turbine	34	40	40	40	40
Location	Chaipoom	Nakorn	Nakorn	Nakorn	Nakorn
		Ratchasima	Ratchasima	Ratchasima	Ratchasima
				and	
				Chaipoom	
Turbine Manufacturing**	Vestas	GE	GE	GE	GE
COD	September	February	July	July	May
	2014	2016	2016	2016	2017

Source: Wind Energy Holding Company Limited

*Investment estimated from KR2 and adjusted by Vestas and GE turbines

Project (1) : Watabak
Company : Watabak

Investment* : Baht Million 4,059.36 (estimate)

Install Capability (MW) : 68
Offer Capacity to EGAT (PPA) (MW) : 60

Number of Turbine* : 34 (estimate)

Turbine Model** : Vestas V110-(125) (2 MW/WTG)

^{*}Useful life of asset starts counting on COD date.

^{**} Not confirm

Turbine Manufacturing : Vestas Limited

Annual Energy Production (GW) *** : 166.01-206.00 (P90-P50)

COD : September 2014

Useful life of asset : 25 years

Location : Watabak Sub-district, Thepsatit district, Chaipoom

Note:
*estimate

** Not confirm

Project (2) : Korat 02/01

Company : Theparak

Investment* : Baht Million 6,210.26 (estimate)

Install Capability (MW) : 100

Offer Capacity to EGAT (PPA) (MW) : 90

Number of Turbine* : 40 (estimate)

Turbine Model** : GE 2.5-120 (2.5 MW/WTG)

Turbine Manufacturing : General Electric Company Limited

Annual Energy Production (GW) *** : 240.90-284.60 (P90-P50)

COD : December 2016

Useful life of asset : 25 years

Location : Bueng Pler and Sumnak Takro Sub-district, Theparak

district, Nakorn Ratchasima.

Note:

^{***} AEP from technical advisor at the height 120 meters using Vestas V110-(125) turbine

^{*}estimate

^{**} not confirm

^{***} AEP from technical advisor at the height 120 meters using GE 2.5-120 turbine

Project (3) : Korat 02/02
Company : Tropical

Investment* : Baht Million 6,169.06 (estimate)

Install Capability (MW) : 100

Offer Capacity to EGAT (PPA) (MW) : 90

Number of Turbine* : 40 (estimate)

Turbine Model** : GE 2.5-120 (2.5 MW/WTG)

Turbine Manufacturing : General Electric Company Limited

Annual Energy Production (GW) *** : 250.90-294.30 (P90-P50)

COD : July 2016
Useful life of asset : 25 years

Location : Bueng Pler and Wongyaytong Takro Sub-district,

Theparak district, Nakorn Ratchasima.

Note:

*estimate

Project (4) : Korat 02/03

Company : KRS3

Investment* : Baht Million 6,169.06 (estimate)

Install Capability (MW) : 100

Offer Capacity to EGAT (PPA) (MW) : 90

Number of Turbine* : 40 (estimate)

Turbine Model** : GE 2.5-120 (2.5 MW/WTG)

Turbine Manufacturing : General Electric Company Limited

Annual Energy Production (GW) *** : 246.30-286.70 (P90-P50)

COD : July 2016 Useful life of asset : 25 years

Location : Wongyaytong Takro Sub-district, Theparak district,

Nakorn Ratchasima and Watabak Sub-district, Tepsatit

district, Chaipoom

Note:

*estimate

^{**} Not confirm

^{***} AEP from technical advisor at the height 120 meters using GE 2.5-120 turbine

^{**} Not confirm

^{***} AEP from technical advisor at the height 120 meters using GE 2.5-120 turbine

Project (5) : North Krisana

Company : KWP

Investment* : Baht Million 6,014.56 (estimate)

Install Capability (MW) : 100

Offer Capacity to EGAT (PPA) (MW) : 90

Number of Turbine* : 40 (estimate)

Turbine Model** : GE 2.5-120 (2.5 MW/WTG)

Turbine Manufacturing : General Electric Company Limited

Annual Energy Production (GW) *** : 203.60 – 241.80 (P90-P50)

COD : May 2017 Useful life of asset : 25 years

Location : Krissana Sub-district, Sricuse district,

Nakorn Ratchasima

Note:

*estimate

3. <u>Shareholders</u>

WEH's shareholders dated 18 March 2013

	Name	Shares	(%)
	Renewable Energy Corporation Company Limited 1/		
1.	("REC")	67,494,990	67.49
2.	DD Mart Company Limited ^{2/} ("DDMART")	19,601,790	19.60
3.	Mr. Pradej Kitti-Itsaranon ^{3/}	5,000,000	5.00
4.	Miss Nantida Kitti-Itsaranon	2,161,070	2.16
5.	Miss Janejira Kitti-Itsaranon	2,161,070	2.16
6.	Mr. Kamtorn Kitti-Itsaranon	2,161,070	2.16
7.	Miss Jaruwan Wongma	700,000	0.70
8.	Mr. Chai Kulvanich	300,000	0.30
9.	Mr. Nopporn Suppipat	200,000	0.20
10.	Mr. Sajja Marattanachai	100,000	0.10
11.	Mr. Somgpong Kitti-Itsaranon	100,000	0.10
	Others	20,010	0.02

^{**} Not confirm

^{***} AEP from WEH at the height 120 meters using GE 2.5-120 turbine

Name	Shares	(%)
Total	100,000,000	100.00

Notes:

1/ REC shareholders

Name	Shares	(%)
1. Mr. Nopporn Suppipat *	9,999,994	75.47%
2. Mrs. Aeumporn Sakulkaw	1	0.00%
3. Miss Prinya Kuhasuwan	1	0.00%
4. Mrs. Ornsurng Bukranak	1	0.00%
5. Energy Shino Investment Limited **	3,250,001	24.53%
6. Miss Kanyarat Kanjanpangka	1	0.00%
7. Miss Sukanya Chumsawat	1	0.00%
Total	13,250,000	100%

Note: * Director of the company signed and seal of the company

2/ DDMART shareholders

Name	Shares	สัดส่วน (ร้อยละ)
8. Mr. Pradej Kitti-Itsaranon	6,716,210	18.66%
9. Mrs. Busya Kitti-Itsaranon	5,000,000	13.89%
10. Miss Nantida Kitti-Itsaranon *	5,000,000	13.89%
11. Miss Jenejira Kitti-Itsaranon *	5,000,000	13.89%
12. Mr. Kamtorn Kitti-Itsaranon*	5,000,000	13.89%
13. Renewable Energy Corporation Company Limited	4,000,000	11.11%
14. Mr. Pairoj Sirirat	1,418,150	3.94%
15. Miss Wilailuck Ekniyom	759,000	2.11%
16. Mr. Eng Mir Laik Ali	510,000	1.42%
17. Other shareholders	2,596,640	7.21%
Total	36,000,000	100.00%

Note: * Director of the company signed by the second in three co-sign and seal of the company

3/ Mr. Pradej Kitti-Itsaranon and related persons are: DDMart, Miss Nantida Kitti-Itsaranon, Miss Jenejira Kitti-Itsaranon and Mr. Kamtorn Kitti-Itsaranon hold WEH's share total 31,085,000 shares or 31.08% of paid-up shares of WEH

4. Board of Directors

4.1 Board of Directors Wind Energy Holding Company Limited

Board of Directors consist of 4 directors

Name	Position
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^{**} Foreign company

	Name	Position
1.	Mr. Nopporn Suppipat	Director
2.	Mr. Pradej Kitti-Itsaranon	Director
3.	Mr. Somnuk Teerakulpisut	Director
4.	Mr. Frank Hojerslev	Director

Mr. Nopporn Suppipat is an authorized signature and seal of the company

4.2 Management of Wind Energy Holding Company Limited

	Name	Position
1.	Mr. Frank Hojerslev	CEO
2.	Mr. Ray Marling	CFO
3.	Mr. Aaron Daniels	Director of Business Development

5. WEH's operating performance and financial analysis

Statement of Financial Position

(Unit: Dobt million)	2010	2011	2012
(Unit: Baht million)	Company only	Consolidated	Consolidated
<u>Assets</u>			
Cash and cash equivalents	0.19	919.37	1,478.92
Trade accounts receivable	4.77		103.44
Other receivables	-	102.40	107.90
Subscription receivable	1.06	1.06	-
Loan to related person	10.00	-	-
Advance payments to contractors	-	2,278.04	35.56
Value added tax receivable	5.05	119.93	271.20
Other current assets	1.85	-	-
Total current assets	22.92	3,420.80	1,997.03
Investment in associate	186.84	-	-
Investment in subsidiaries	181.83	109.92	125.73
Long-term loans to related parties	16.84	36.17	-
Property, plant and equipment	30.69	1,368.05	10,332.99
Power plant development	11.79	-	-

(Lieta Dela million)	2010	2011	2012
(Unit: Baht million)	Company only	Consolidated	Consolidated
Intangible assets	0.35	5.39	365.311
Other receivables	85.62	92.43	22.01
Other current assets	1.56	1.54	1.61
Total non-current assets	515.52	1,613.50	10,847.69
Total assets	538.45	5,034.30	12,844.73
<u>Liabilities</u>			
Trade accounts payable	44.58	44.18	42.46
Other payables	38.24	283.96	2,548.89
Short term loan form other person	2.00	197.61	620.25
Current portion of long term loan	-	-	361.00
Income tax payable	2.00	-	_
Other liabilites	8.92	-	_
Accrued interest expense	-	26.53	155.87
Total current liabilities	95.74	552.28	3,728.47
Long-term loans from related party	42.36	21.98	-
Long-term loans from financial institutions	-	2,511.68	6,126.82
Long-term loan from other company	-	413.82	400.11
Other non-current liabilities	0.34	-	44.84
Total non-current liabilites	42.70	2,947.48	6,571.76
Total liabilities	138.43	3,499.76	10,300.23
Shareholder equity			
Registered capital	500.00	1,000.00	1,000.00
Paid-up capital	395.74	520.74	522.91
Other equity	-	379.60	648.77
Share premium	-	-	-
Retain earnings (deficit(
Reserved	-		
Un appropriate	4.28	(289.09)	(519.41)
other part of equity	-	-	-
Total equity to the company	400.02	611.25	652.26
Non controllable interest	-	923.29	1,892.23
Total shareholder equity	400.02	1534.54	544.50
Total liabilities and shareholder equity	538.45	5,034.30	12,844.73

■ Statement of Comprehensive income

(11 % D.14 %)	2010	2011	2012
(Unit: Baht million)	Company only	Consolidated	Consolidated
Revenue			
Revenue from sale of electricity	-	-	96.44
Revenue from service	83.19	-	0.24
Cost of goods sold	(65.71)	-	(51.12)
Gross profit	17.48	-	45.55
Interest income	1.06	10.08	15.88
Profit from disposal of investment in subsidiaries	31.74	-	-
Profit from selling equipment	20.59	-	-
Other revenue	1.60	0.19	-
Total revenue	72.47	10.27	61.43
Expenses			
Share of loss of associated entity	-	(2.72)	(2.91)
Loss on disposal of investments in subsidiaries		(27.84)	-
Net foreign exchange loss	-	(7.27)	(34.21)
Administrative expenses	(61.54)	(198.48)	(86.03)
Total expenses	(61.54)	(236.31)	(123.15)
Loss before finance costs and income tax expense	10.93	(226.04)	(61.72)
Finance costs	0.32	(46.21)	(198.58)
Earnings before tax	10.61	(272.25)	(260.30)
taxes	3.92	-	-
Net profit (loss)	6.69	(272.25)	(260.30)
Attribute profit (loss):			
Equity holders of the company	6.69	(245.82)	(230.33)
Non control interest	-	(26.43)	(2ต.98)

Statement of cash flow

(Linite Dolet million)	2010	2011**	2012*
(Unit: Baht million)	Company only	Consolidated	Consolidated
Cash flow provided (used) from operation	42.01	N/A	2,152.54
Cash flow provided (used) from investing	(126.98)	N/A	(7,069.17)
Cash flow provided (used) from financing	47.66	N/A	5,476.18
Net cash flow increase (decrease) net	(37.31)	N/A	559.55

^{*}there is no statement of cash flow in audited financial statement therefor the numbers have not been audited

Financial Ratio

(Unit: Baht million)		2010	2011	2012
		Company only	Consolidated	Consolidated
Current ratio	(time)	0.24	6.19	0.54
Gross profit margin	(%)	-26.60%	N/A	-89.10%
Net profit margin	(%)	8.04%	N/A	-269.24%
Return on equity (ROE)	(%)	1.67%	N/A	-2.91%
Return on assets (ROA)	(%)	1.24%	N/A	-2.91%
D/E Ratio	(time)	0.24	0.90	5.72

Analysis of Operating Results and Financial Status of the Company

Operational Status

■ Total Revenue

WEH has revenue in 2010 (company only) baht million 83.19. Most of the revenue comes from its associates and subsidiaries for the services. This revenue is not show in the consolidated financial statements year 2011 and 2012 due to the consolidated rules. FKW and KR2 (subsidiaries) started their commercial operating date in November 2012 and February 2013 respectively. Therefore, WEH consolidated financial statement year 2011 will not show any revenue. WEH has revenue of baht million 96.68 in 2012 (baht million 96.44 was from the electricity revenue of FKW)

■ Cost

FKW and KR2 (subsidiaries) start selling electricity in November 2012 and February 2013 respectively. Therefore 2011 consolidated financial statement of WEH had cost of goods sold equal to 0. In 2012, WEH has baht million 51.12 cost of goods sold due to the depreciation of its power plants.

^{**} WEH only have consolidated financial statement in 2011 therefore no statement of cash flow in 2011

Sales and Administrative expense

Sales and administrative expense in 2010 (company only), 2011 (consolidated) and 2012 (consolidated) are baht million 61.55, baht million 198.48 and baht million 86.03 respectively. During 2010-2012, WEH was at the beginning of its business therefore the needs of legal and financial consultant as well as technical advisor was high. During 2010 – 2012, WEH has consultancy expenses baht million 38.94, baht million 143.81, and baht million 15.07 respectively, considered 64.89%, 72.46%, and 17.52% of the sales and administrative expense.

■ Net Profit (loss)

During 2010-2012, WEH was at the beginning of its business and start to have revenue in November 2012. As a result, WEH had net loss for the past 3 years. Even though in 2010 WEH had profit of baht million 6.69 (company only), it was the company only financial statement and the revenue came from its subsidiaries. During 2011-2012, WEH has net loss of baht million 272.25, baht million 260.30 respectively attributed to the equity owner of the company baht million 245.82 and baht million 230.33. In 2011, the loss mainly came from sales and administrative expense of baht million 198.48 and loss from disposable of investment in subsidiaries baht million 27.48 (2011, WEH sold its investment in FKW and KR2 to Ratchaburi holding public company limited ("RATCH") at loss of baht million 27.84), loss from exchange rate baht million 7.26 and loss from associated company baht million 2.72.

Financial Position

Assets

During 2010-2013, WEH has net assets increase from baht million 538.45, to baht million 5,034.30 and to baht million12, 844.73 respectively. The reason for the incremental of assets in 2011 was because the change of the type of financial statement (company only to consolidated). In 2012, assets increase baht million 7,810.43 or 155.14% from the previous year due to the progress of FKW and KR2. Current assets increase baht million 9,234.20 or 572.31%, the majority was the incremental of property plants and equipment baht million 8,964.94 or 655.31%

In 2012, WEH's current assets decreased by baht million 1,423.77 or 41.62% from the previous year due to the reduction of advance payment for power plant construction of baht million 2,242.48 or 98.44% from 2011.

Liabilities

During 2010-2012, WEH has total liabilities of baht million 138.34, baht million 3,499.76 and baht million10,300.23 respectively. The reason for the incremental of liabilities in 2011 from 2010 was the change of financial statement (company only to consolidated). In 2012, total liabilities increased baht million 6,800.47

or 194.31% from the previous year due to the incremental of non-current liabilities of baht million 3,624.28 or 122.96% and the incremental of current liabilities of baht million 3,176.19 or 575.11%. The incremental of non-current liability was from loan from financial institution due to the progress of FKW and KR2 construction. The incremental of current liabilities came from the power plant development cost (other payable).

Shareholder equity

During 2010 – 2012, shareholder equity has increased from baht million 400.02 to baht million 5,034.30 and baht million 12,844.73 respectively. Net loss for the past 2 years came from subsidiaries. WEH's

Liquidity

Cash Flow

In 2012, WEH had cash flow provided by operation baht million 2,512.54 due to unpaid power plant development. Currently, WEH is under the negotiation of its suppliers regarding to the quality of the product. In 2012, WEH used cash flow from investment baht million 7,069.17 due to the development progress of FKW are KR2. FKW and KR2 projects are highly leverage therefore WEH had cash flow from financing increase baht million 5,476.18.

6. <u>Industrial analysis</u>

6.1 Wind farm in Thailand

According to energy ministry, Thailand use 6.7% more power and 8.5% more electricity in 2012. Current electrical production is 32,290 MW and the highest usage of electricity on 26 April 2012 was 26,774 MW due to the temperature and the recovery of industrial and house hold from the flood in 2011. In 2012, Thailand uses 161,548 units of electrical 8.5% increase from the previous year due to the temperature and economic recovery from the flood in 2011. Moreover, the government subsidy program also increases the usage of the care manufacturing and expecting to increase by 5.9% in 2013.

In 2013, the economic growth is expecting to be 4.5%-5.5% and the usage of electricity is expecting to increase around 5%. EGAT is expecting the usage of electricity will increase 5% as the result the electrical reserved will be at 20% even though there is no big power plant entering to the system in 2013. Currently, electricity is generated by natural gas 68%, coal 20%, hydro power 10%, and renewable energy 2%.

ความเชื่อมโยงและสอดคล้องต่อนโยบายรัฐบาลกับการดำเนินงานตามยุทธศาสตร์ของ สนพ. ส่งเสริมและพัฒนาทุกภาคส่วนในการอนุรักษ์พลังงาน สร้างสรรค์นโยบายและบริหารแผน ส่งเสริมและพัฒนาพลังงานทดแทนและ และการใช้พลังงานอย่างมีประสิทธิ์ภาพ ด้านพลังงานของประเทศ พลังงานสะอาด การใช้พลังงานมีการกระจาย การใช้พลังงานทดแทนมี มีการใช้พลังงานอย่าง วาคาพลังงานเป็นธรรมเหมาะสม มีการนำของเสียมาแปรรูป ผลิตเป็นพลังงาน แหล่งผลิตอย่างเหมาะสม กับภาวะเครษฐกิจ สัดส่วนเพิ่มมากขึ้น ประหยัดในแต่ละภาคส่วน ประชาชนมีความตระหนักใน การบรรเทาผลกระทบด้าน มีนโยบาย แผนและการพัฒนา วาคาน้ำมันแพงต่อประชาชน การประหยัดพลังงาน พลังงานอย่างเป็นวะบบ ทบทวน/ปรับปรุงแผน PDP จัดทำแผนอนวักษ์พลังงาน นโยบายการปรับโครงสร้าง การส่งเสริมการผลิต สนับสนุนให้ผู้ประกอบการ และจัดทำแผนปฏิบัติการอนุรักษ์ ให้สอดคล้องกับสถานการณ์ ราคาน้ำมันเชื้อเพลิง, NGV,LPG ไฟฟ้าจากพลังงานหมุนเวียน ลงทุนในระบบบำบัดน้ำเสียด้วย พลังงานให้เป็นรูปธรรม เทคในใลยีก๊าซชีวภาพ (IPP,SPP,VSPP) การซื้อชายไฟฟ้ากับประเทศ นโยบายการกำหนดโครงสร้าง การส่งเสริมการใช้น้ำมัน การส่งเสริมเทคในใลยี สร้างการรับรู้ ตระหนัก เพื่อนบ้าน อัตราค่าไฟฟ้า แก๊สโซฮอลและไบโอดีเซล ก๊าซชีวภาพจากขยะเคษอาหาร ถึงความสำคัญของการประหยัด มาตรการลดค่าใช้จ่ายไฟฟ้าของ การจัดทำแผนรองรับสภาวะ ในกรมราชทัณฑ์ พลังงาน ภาคครัวเรือน วิกฤตด้านพลังงานไฟฟ้า ปรับปรุงกระบวนการพัฒนานโยบายด้านพลังงานให้มีประสิทธิภาพและประสิทธิผล

พัฒนาแปลงนโยบายสู่การ

ปฏิบัติ/ส่งเสริม สนับสนุน ผลักดัน

การปฏิบัติให้เกิดผล

บริหารจัดการระบบฐานข้อมูล

วะบบสาวสนเทคของ สนพ

อย่างมีประสิทธิภาพ

พัฒนาแนวทางการติดตาม

ประเมินผลให้เกิดการดำเนินงาน

เกิดความยั่งยืน

6.2 Government Policy related to renewable energy

Source: ministry of energy

9

วิเคราะห์ กำหนดนโยบาย

มาตรการที่สอดรับกับนโยบาย

สถานการณ์พลังงาน

พัฒนาทวัพยากรบุคคลให้มี

ขีดสมรรถนะที่เหมาะสมและสามารถ

ปฏิบัติงานตามยุทธศาสตร์ได้

สร้างและพัฒนาเครื่องมือ

ในการวิเคราะห์และพัฒนา

นโยบาย

จัดการองค์ความรู้ในองค์กร

เพื่อให้เกิดการถ่ายท้อดความรู้ ได้ทั่วองค์กรอย่างต่อเนื่อง

Currently, the government is focusing (Renewable Energy) in order to reduce the natural gas usage. According to the PDP, Thailand will increase its contribution of renewable energy from 5% to 10% in 2030. For PDP 2010 3rd update, electrical production is expecting to be 9,516 MW based on VSPP, SPP Firm type. The production plans during 2012 – 2030 is shown below.

(MW)

ส่งเสริม สื่อสารนโชบาช

ไปสู่ภายนอก

สร้างสภาพแวดล้อมภายในองค์กรที่ดี

เพื่อพัฒนาคุณภาพชีวิต วัฒนธรรมองค์กร และ การทำงานเป็นทีมของข้าราชการในองค์กร

ผลการดำเนินงานของ สนพ

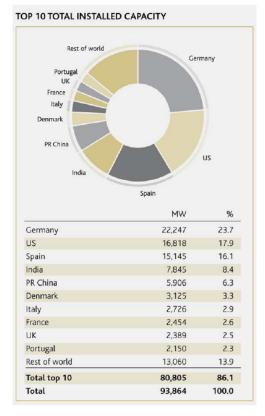
	PDP 2102 Rev2	PDP 2012 Rev3
renewable energy	4,433.00	9,516.00
cogeneration	8,319.00	6,374.00
natural gas	18,400.00	25,451.00
coal	77,400.00	4,400.00
nuclear	4,000.00	2,000.00
turbine gas	-	750.00
import	10,982.00	6,572.00

Source: ministry of energy

6.3 Wind farm industry

Currently, wind farm is highly develop therefore many countries have focus on expanding wind farm

projects. As of 2007, the world has more than 93,864 MW electricity from wind farms in more than 70 countries. Top 5 countries for wind farms are: Germany, USA, Spain, India and china.



Source: www.gwec.net

Summary of SPP from Renewable (As of March 2012)

No	Company (Project)	Location	Installed	PPA
			(MW)	(MW)
		PPA Signed		
1	KR2 Co., Ltd. (West Huaybong 2)	Dan Khun Thot district,	103.50	90.00
		Nakorn Ratchasima		
2	First Korat Wind Co., Ltd. (West	Dan Khun Thot district,	103.50	90.00
	Huaybong 2)	Nakorn Ratchasima		
3	Khao Kor	Khao Kor district,	60.00	60.00
		petchaboon		
4	Wind development Co., Ltd. (Vayu	Dan Khun Thot district,	59.20	50.00
	wind farm)	Nakorn Ratchasima		
	PPA Acceptant			

No	Company (Project)	Location	Installed	PPA
			(MW)	(MW)
5	Theparak wind Co., Ltd. (Korat 02/1)	Theparak district, Nakorn	92.00	90.00
		Ratchasima		
6	Tropical Wind Co., Ltd.(Korat 02/2)	Theparak district, Nakorn	92.00	90.00
		Ratchasima		
7	KRS3 Co., Ltd. (02/3)	Theparak district, Nakorn	92.00	90.00
		Ratchasima		
	Wait	ing for PPA acceptant		
8	EGCO Plc. and CLP Power Co., Ltd.	Sricuse, Nakorn	64.80	60.00
	(Ratchasima wind farm)	Ratchasima		
9	Watabak Co., Ltd.*	Thepsatit district, Chaipoom	62.10	60.00
10	Gunkul Engineering (2000) Co., Ltd.	Dan Khun Thot district,	48.00	40.00
	(Vayu wind farm 2)	Nakorn Ratchasima		
11	Gunkul Engineering (2000) Co., Ltd.	Dan Khun Thot district,	56.00	50.00
	(Vayu wind farm 2)	Nakorn Ratchasima		
12	Infinite Wind Co., Ltd. (ST1)*	Thepsatit district and Dan	62.10	60.00
		Khun Thot district		
13	Gloal Green Energy Co., Ltd. (45.0	Dan Khun Thot district,	47.50	45.00
	MW)	Nakorn Ratchasima		
14	Global Green Energy Co., Ltd. (32.5	Dan Khun Thot district,	35.00	32.50
	MW)	Nakorn Ratchasima		
15	Pure Energy Plc.	Janod District, songkra	36.800	36.000
	Hardkanghan 1			
16	Pure Energy Plc.	Huisai, Nakorn Ratchasima	46.000	45.000
	Hardkanghan 2			
17	Pure Energy Plc.	Pakpanang district,	46.000	45.000
	Hardkanghan 3	Nakornsrithumarat		
18	Pure Energy Plc.	Tepsatit district, chaipoom	46.000	45.000
	Hanuman 1			
19	Pure Energy Plc.	Tepsatit district, chaipoom	46.000	45.000
	Hanuman 2			
20	Pure Energy Plc.	Umper mueng district,	32.200	30.000
	Hanuman 3	chaipoom		
21	Pure Energy Plc.	Kangkraw district,	32.200	30.000

No	Company (Project)	Location	Installed	PPA
			(MW)	(MW)
	Hanuman 4	chaipoom		
22	Pure Energy Plc.	Tepsatit district, chaipoom	48.300	48.000
	Hanuman 5			
23	Pure Energy Plc.	Nong boidang district,	41.400	40.000
	Hanuman 6	chaipoom		
24	Pure Energy Plc.	Tepsatit district, chaipoom	41.400	40.000
	Hanuman 7			
25	Thai wind power Co. ,Ltd.	Nicomkumsoi district,	45.000	44.600
		Mukdaharn		
26	Greenovatioin Co., Lt.d (Saranrom	Dan Khun Thot district,	67.500	60.000
	Wind farm)	Nakorn Ratchasima		

Source: Ministry of Energy

*current get PPA acceptant