



SUPERBLOCK PUBLIC CO.,LTD.

INVESTOR PRESENTATION

Superblock Public Company Limited

SEPTEMBER 2017 (Analyst Meeting)



AGENDA

- **Company Overview**
- **Financial Highlights**
- **Solar Farms Project Details**
- **Waste Power Plant Project Details**



Company Overview



Company Information

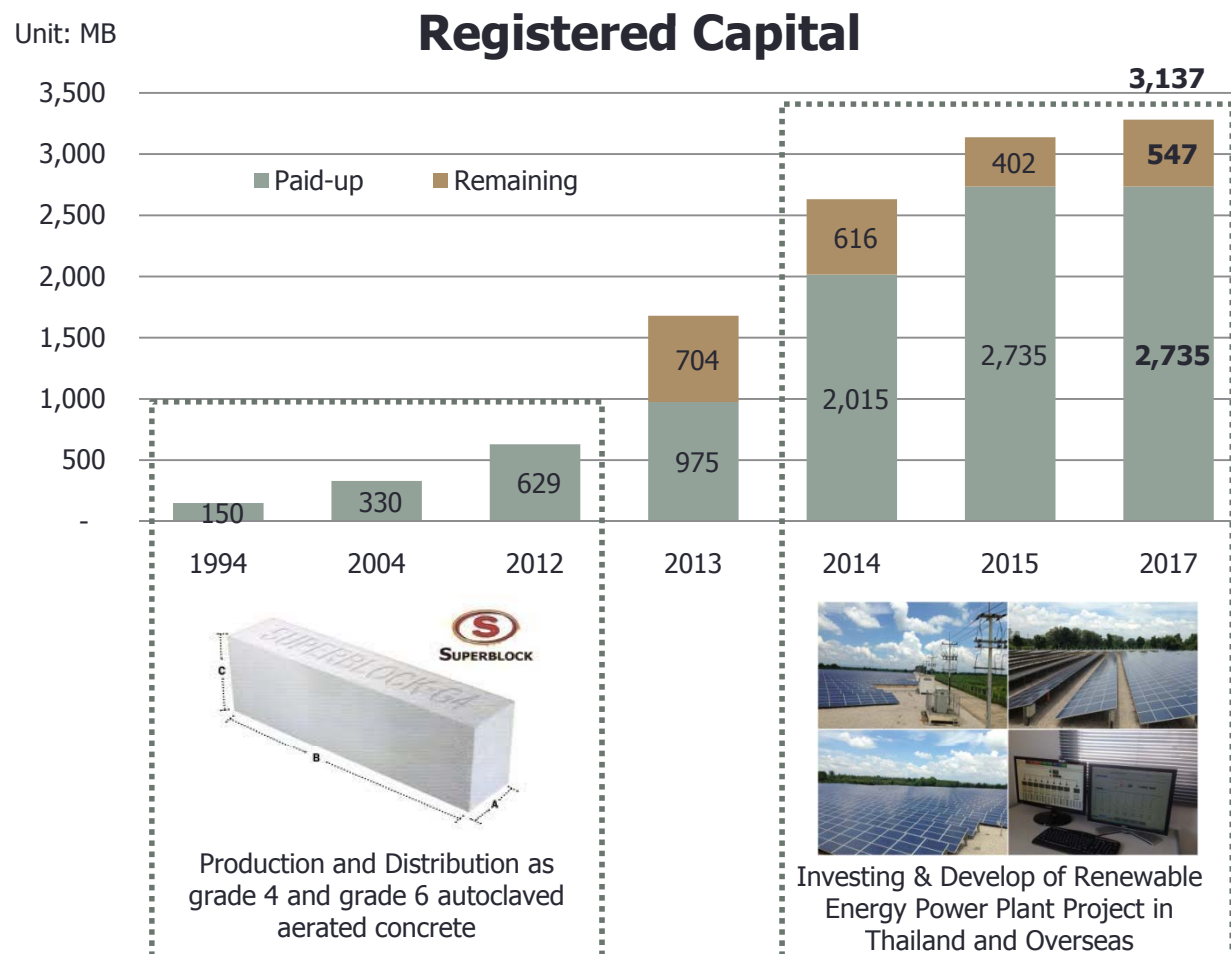
Established	20 Dec 1994
Stock Symbol	SUPER (Market : SET100)
Registered Capital	3,137,406,269 Baht
Paid-up Capital	2,734,946,560.70 Baht
Par Value	0.10 Baht/Share
Number of share	27,349,465,607 Shares
Chairman of the Board	Mr. Jormsup Lochaya

SET Information as of 25 September 2017

Price (THB)	52 Week High/Low	P/E (X)	P/BV (X)	Market Cap (MB)
1.32	1.77 / 1.00	31.87	2.94	36,101.29



Company Information



SUPER-W4

Warrants : 5,469,893,121 Unit
 Amount of : 546,989,312.10 Baht
 Exercise Price : 2.50 Baht
 Exercise Ratio : 1 warrants : 1 shares
 Trading date : 22 September 2017 (SET)
 Exercise Period :

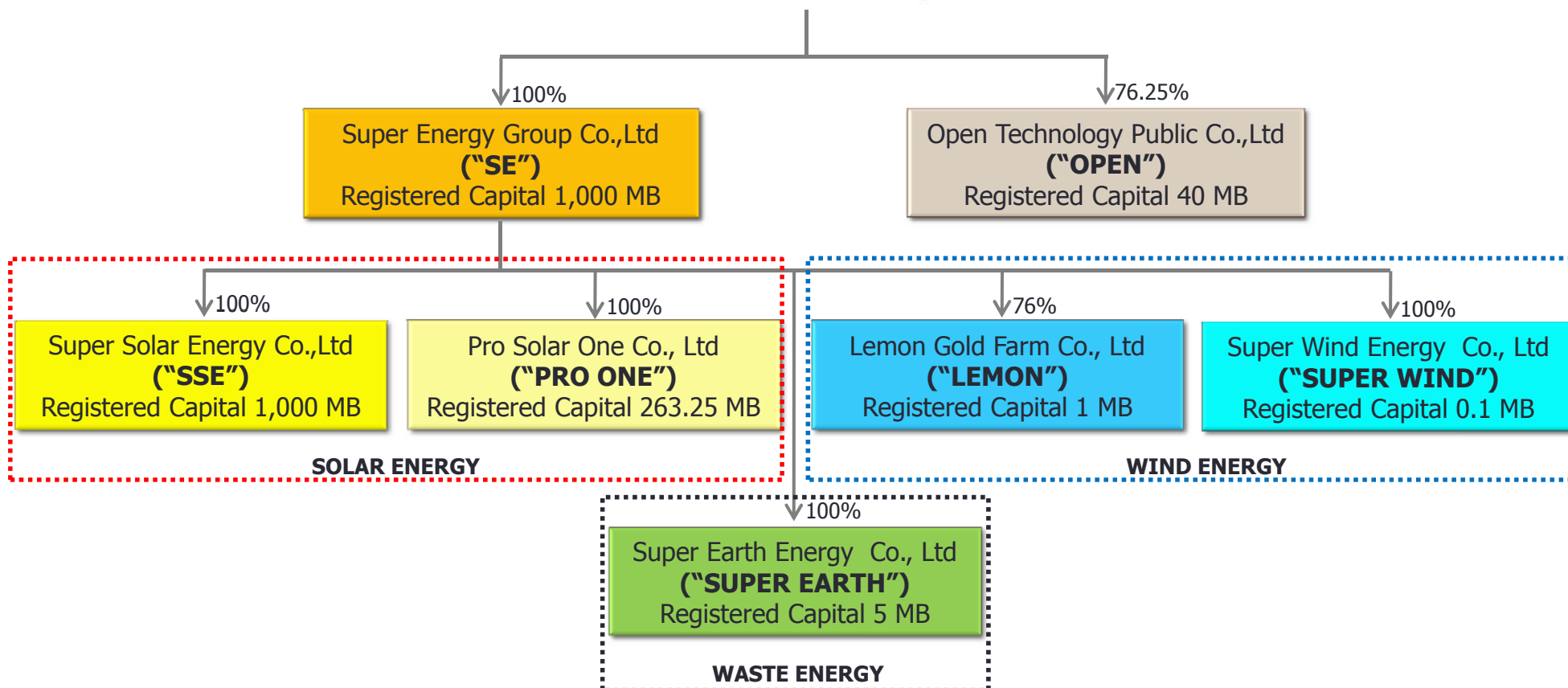
Year	28-Feb	31-May	31-Aug	30-Nov
2017				No.1
2018	No.2	No.3	No.4	No.5
2019	No.6	No.7	No.8	No.9
2020	No.10	No.11	No.12	



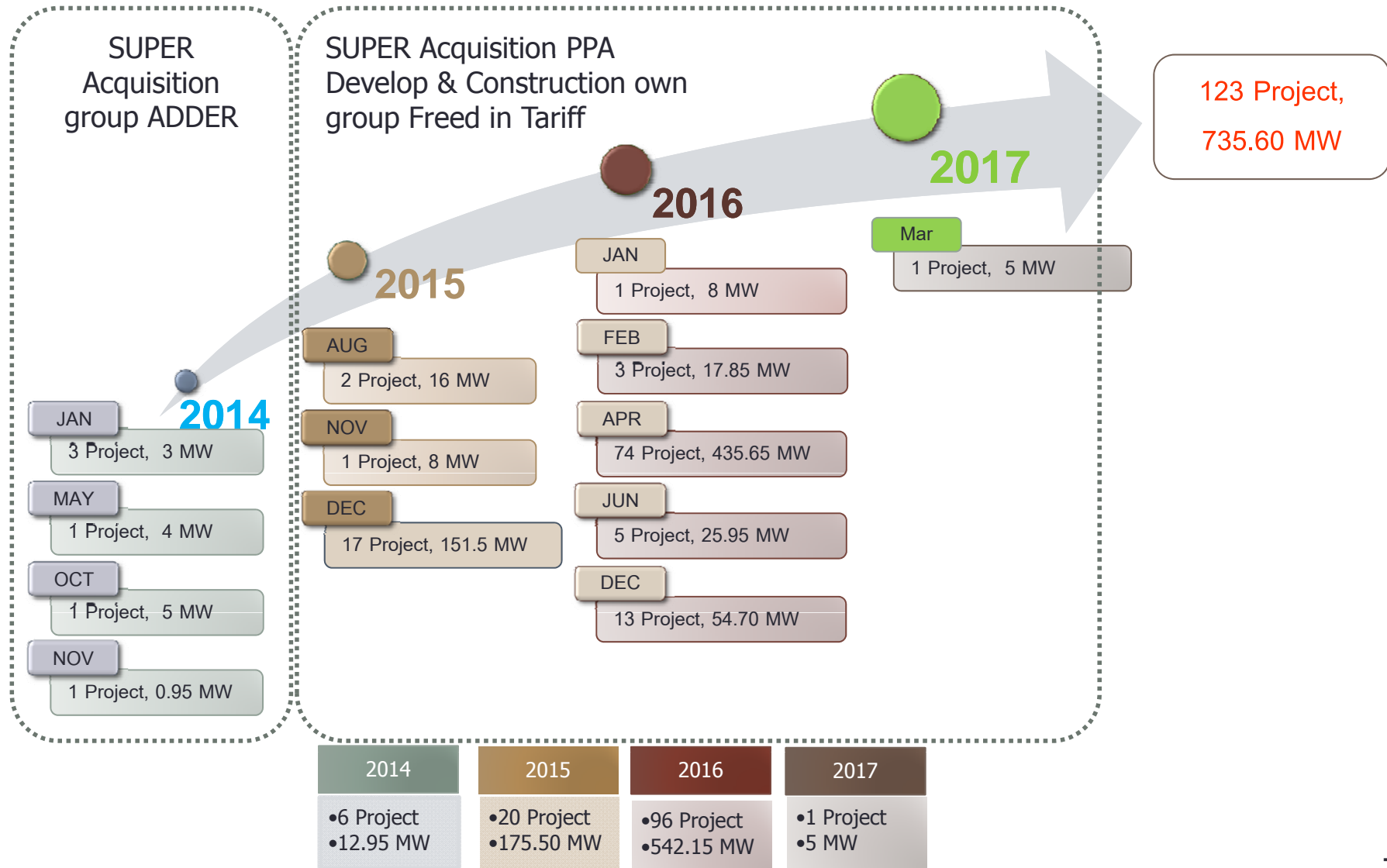
Corporate Structure in Thailand



SUPERBLOCK PUBLIC CO.,LTD.



Growth Commercial Operation Date - COD





Power Purchase Agreement - PPA



การไฟฟ้านครหลวง
Metropolitan Electricity Authority



การไฟฟ้าส่วนภูมิภาค
PROVINCIAL ELECTRICITY AUTHORITY

THAILAND

Type	Energy	Rate	period	MW	Cumulative MW
ADDER	SOLAR	8.00	10	7.00	7.00
ADDER	SOLAR	6.50	10	5.95	12.95
ADDER	WASTE	3.50	7	17.00	29.95
FIT	SOLAR	5.66	25	729.15	759.10

Remark: Excluding 19.9 MW which their PPA have been processing



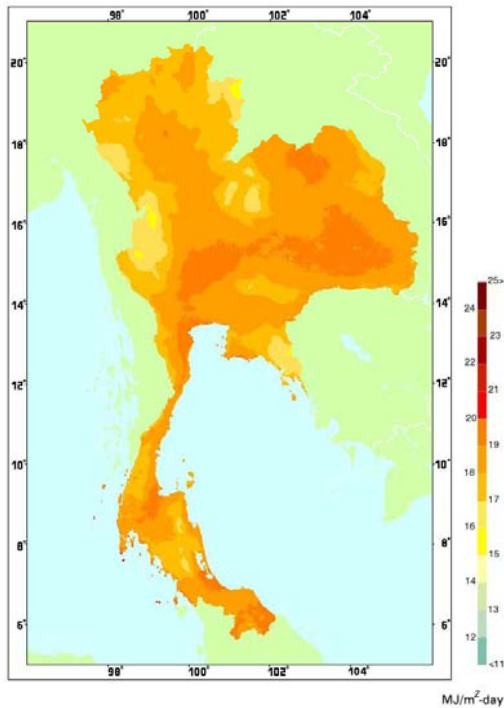
Foreign – China

Type	Energy	Rate	period	MW
ADDER	SOLAR	RMB 1.18 RMB 0.88 per kWh	3 4-25	20+10



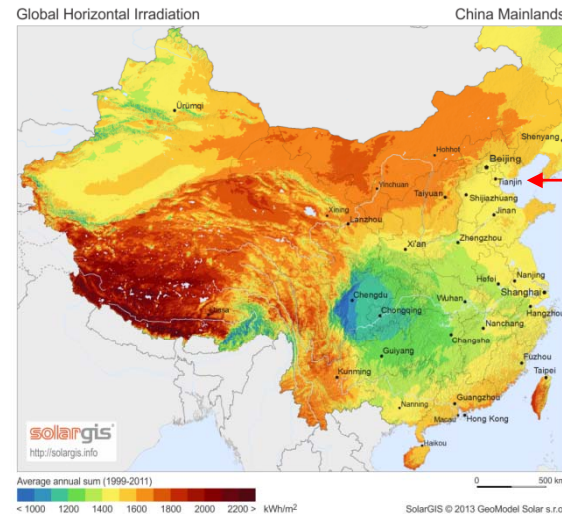
Renewables Asset Portfolio

Solar Energy in Thailand



COD by year	No. Of Sites	COD (MW)	Accumulated COD (MW)
COD year 2011	3	6.00	6.00
COD year 2012	1	1.00	7.00
COD year 2013	1	0.95	7.95
COD year 2014	1	5.00	12.95
COD year 2015	20	175.50	188.45
COD year 2016	96	542.15	730.60
COD year 2017	1	5.00	735.60
Remaining	5	26.40	
Total	128	762.00	

Solar Energy in China



Project : Tianjin Xinli
20 +10 MW
 (COD : Dec 31,2016)

Waste Energy in Thailand

COD by year	No. Of Sites	COD (MW)
COD within Dec 2017	1	9.00
COD within Dec 2018	1	8.00
Total	2	17.00

Total 809 MW



Location Power Plant in THAILAND



Thailand	Site	MW	%
<u>SOLAR</u>			
Central	57	353.75	46.60
Eastern	57	311.60	41.05
Southern	8	53.75	7.08
Northern	3	23.00	3.03
<u>WASTE</u>			
Eastern	1	9.00	1.19
Central	1	8.00	1.05
Total	127	759.10	100.00



Power Plant on going Project

Solar Energy

Krathum Baen Project



COD within 2017

Sanam Chai Khet Project



COD : within 2017

Tianjin Project ("CHINA")



COD : December 2016



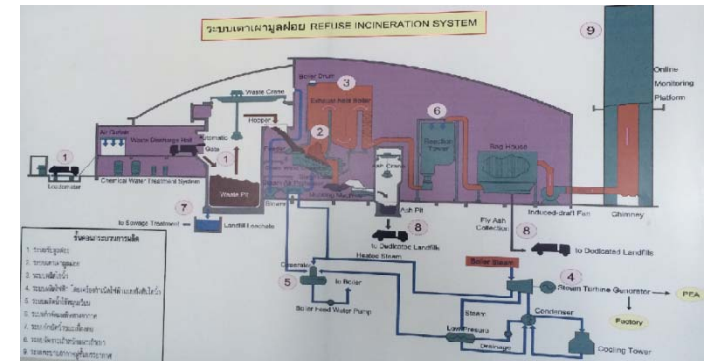
Power Plant on going Project

Waste Energy

Project : 9.00 MW at Sakaeo
COD : with in December 2017



Project : 8.00 MW at Phetchaburi
COD : with in December 2018





Financial Highlights



Financial Performance Y2016

Electricity Sale (kWh)

	Unit of Electricity Sale (kWh)			
	2016*		2017**	
	1 st half	2 nd half	1 st half	Jul-Aug
Adder 8.00	7,308,219	7,025,548	7,237,722	2,164,609
		CF = 22.91%	CF = 23.61%	
Adder 6.50	3,926,460	3,612,495	3,808,782	1,058,296
		CF = 23.91%	CF = 25.21%	
FIT 5.66	169,071,290	420,548,386	481,645,938	144,184,611
		CF = 16.86%	CF = 17.30%	

Unit of Electricity Sale (kWh) (1st half 2017)

	Capacity	Average (kWh/Month)
Adder 8.00	7.00	1,206,287
Adder 6.50	5.95	634,797
Fit 5.66	635.65	80,274,323

Revenue from sales (1st half 2017)

Companies	MW	Revenue/MW
ADDET / FIT		
ADDER Group	12.95	10.82
FIT Group	635.65	4.31
	646.10	

*Y2016 excluding RNS(87 MW) and COOP(66.2 MW) **Y2017 including COOP(66.2 MW) but excluding RNS(87 MW)



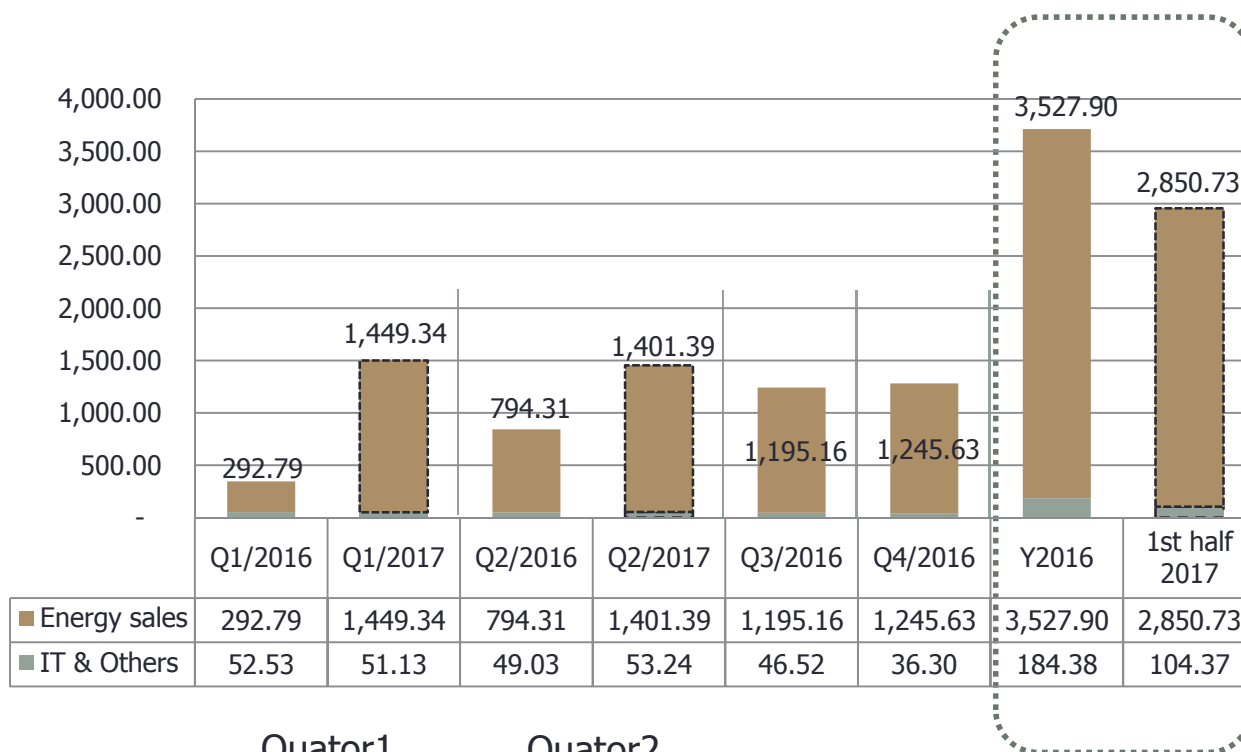
Financial Highlights

Statements of profit and loss For six month of 2017	Power		Technology		Other		Consolidate			
	Q2-17	Q2-16	Q2-17	Q2-16	Q2-17	Q2-16	Y2016		1 st half-17	
							MB	%	MB	%
Revenue from sales	2,764	996	4	6	-	-	3,365	91%	2,767	95.18%
Revenue from government granted –adder	83	85	-	-	-	-	163	4%	83	2.86%
Revenue from services	3	4	54	36	-	-	84	2%	57	1.96%
Total Revenue	2,850	1,085	58	42	-	-	3,612	100%	2,907	100.00%
Cost of the sales of goods	(1,146)	(494)	(1)	(5)	-	-	(1,500)	(40)%	(1,147)	39.46%
Cost of the rendering of services	(1)	(1)	(32)	(24)	-	-	(57)	(2)%	(33)	1.14%
Gross profit	1,703	590	25	13	-	-	2,055	58%	1,727	59.41%
Gain(Loss) on foreign exchange rate	103	146	-	-	-	-	90	2%	103	3.54%
Other income	3	9	-	-	2	1	15	0%	5	0.17%
Selling expenses	-	-	(3)	(3)	(1)	(1)	(9)	0%	(4)	0.14%
Administrative expenses	(138)	(198)	(8)	(8)	(19)	(22)	(530)	(15)%	(165)	5.68%
Finance cost	(689)	(527)	-	-	(16)	(3)	(1,201)	(32)%	(705)	24.25%
Profit from investments	42	53	-	-	-	-	86	2%	42	1.44%
Profit (loss) before income tax ex.	1,024	73	14	2	(34)	(25)	506	15%	1,003	34.50%
Income tax expense	(2)	(1)	(3)	-	-	-	16	(1)%	(5)	0.17%
Profit (loss) for the period	1,022	72	11	2	(34)	(25)	522	14%	998	34.33%
OCI	-	-	-	-	-	-	-	0%	-	-
Comprehensive income (loss)	1,022	72	11	2	(34)	(25)	522	14%	998	34.33%

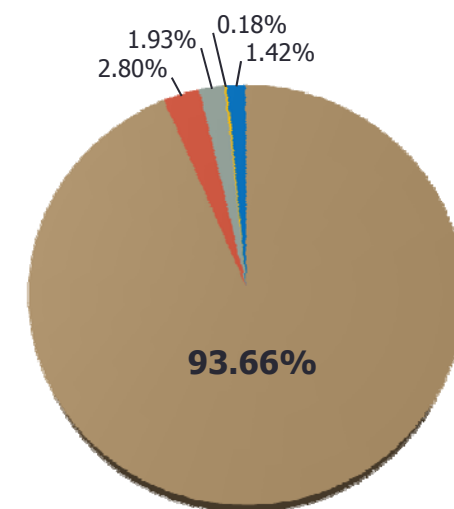


Financial Performance

Revenue (Unit : MB)



↑ Quator1 **335% QOQ**
↑ Quator2 **72% QOQ**



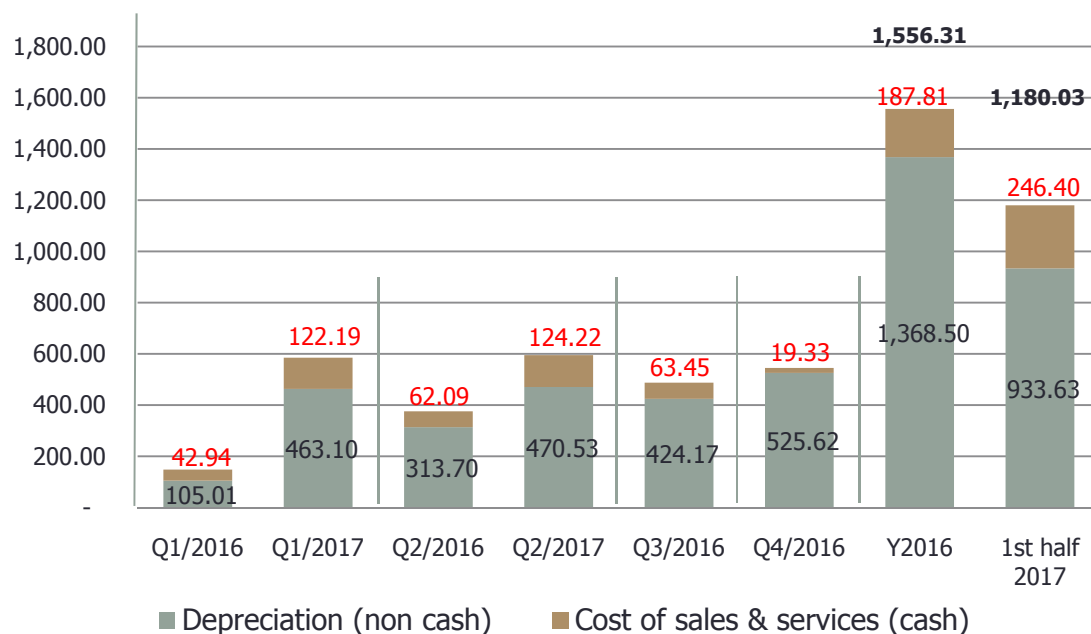
■ ENERGY SALES
 ■ GRANTED
 ■ IT SERVICES
 ■ SHARE INVESTMENT
 ■ OTHERS

Significant changes in the proportion of revenue for 1st half 2017 compare of revenue for Y2016 because increase by SOLAR FARM

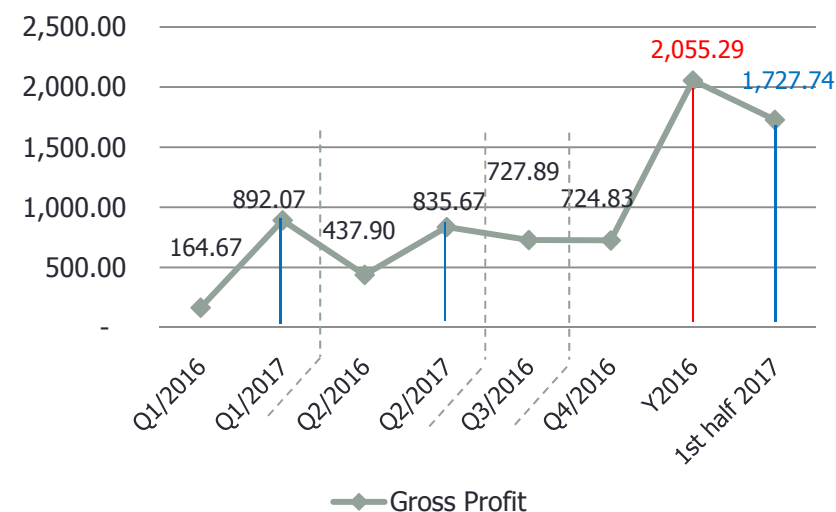


Financial Performance

Cost (Million Baht)



Gross Profit (Million Baht)

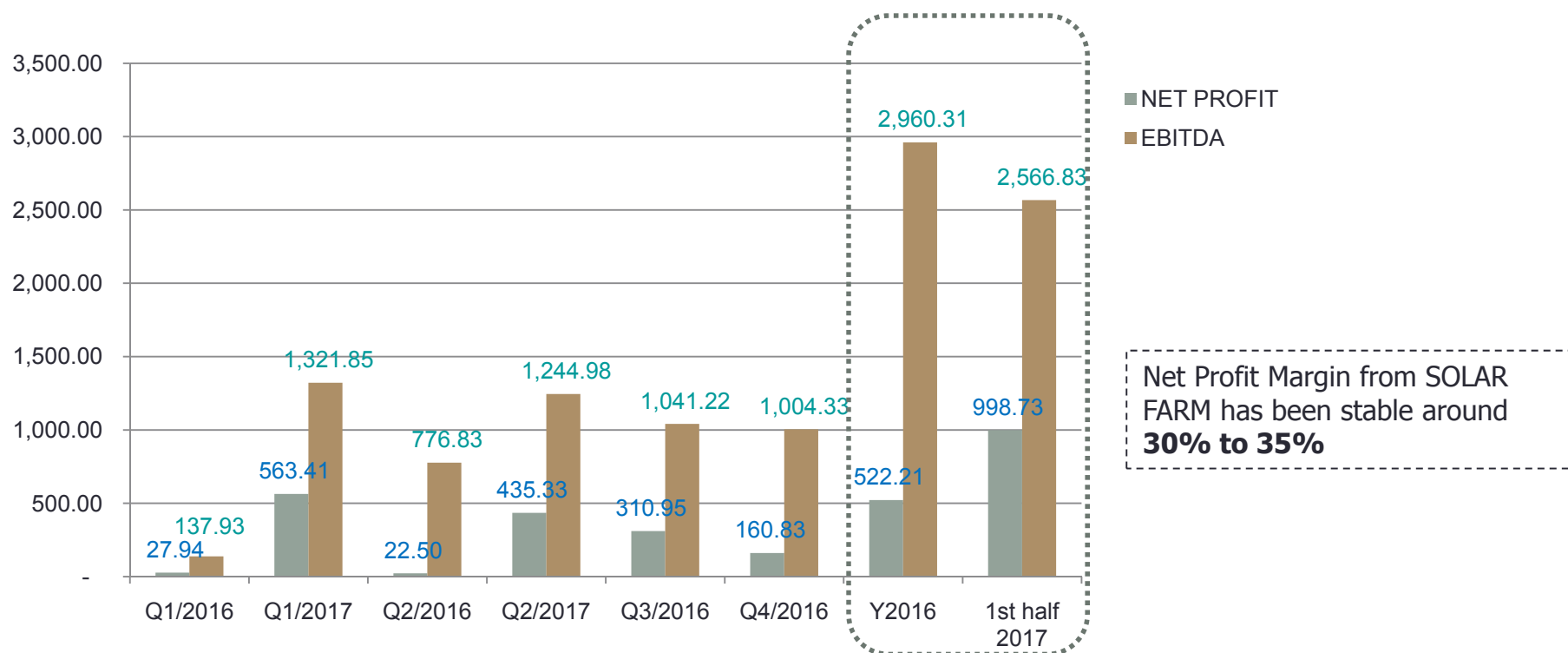


Compare of Revenue	Q1/2016	Q2/2016	Q3/2016	Q4/2016	Q1/2017	Q2/2017
Gross Profit	52.67%	53.82%	59.88%	57.08%	60.38%	58.42%



Financial Performance

EBITDA / Profit (loss) for the period (Million Baht)

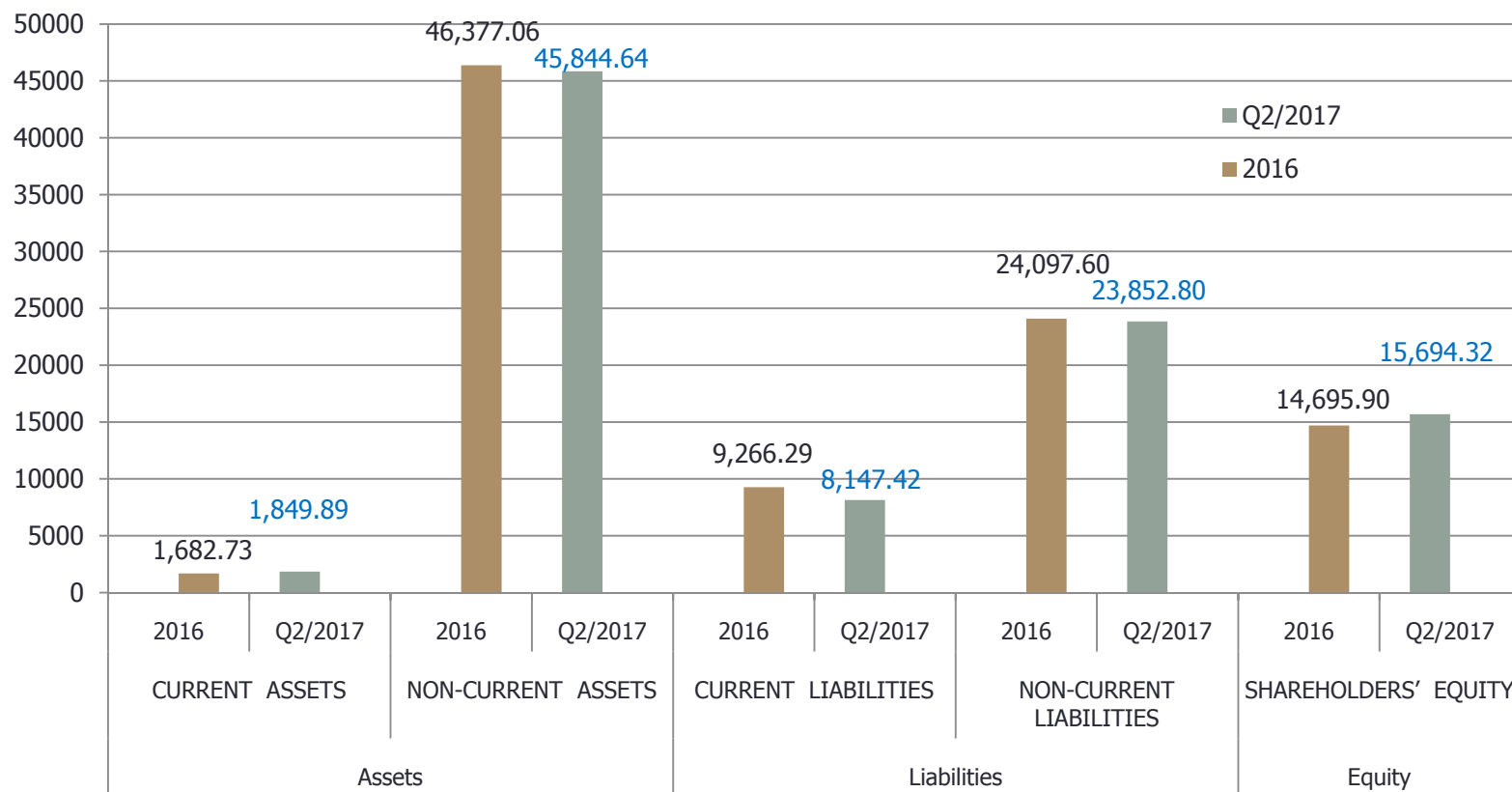


Compare of Revenue	Q1/2016	Q2/2016	Q3/2016	Q4/2016	Q1/2017	Q2/2017
Net Profit	8.94%	2.76%	25.58%	12.67%	38.14%	30.43%
EBITDA	44.12%	95.47%	85.66%	79.09%	89.47%	87.04%



Financial Position

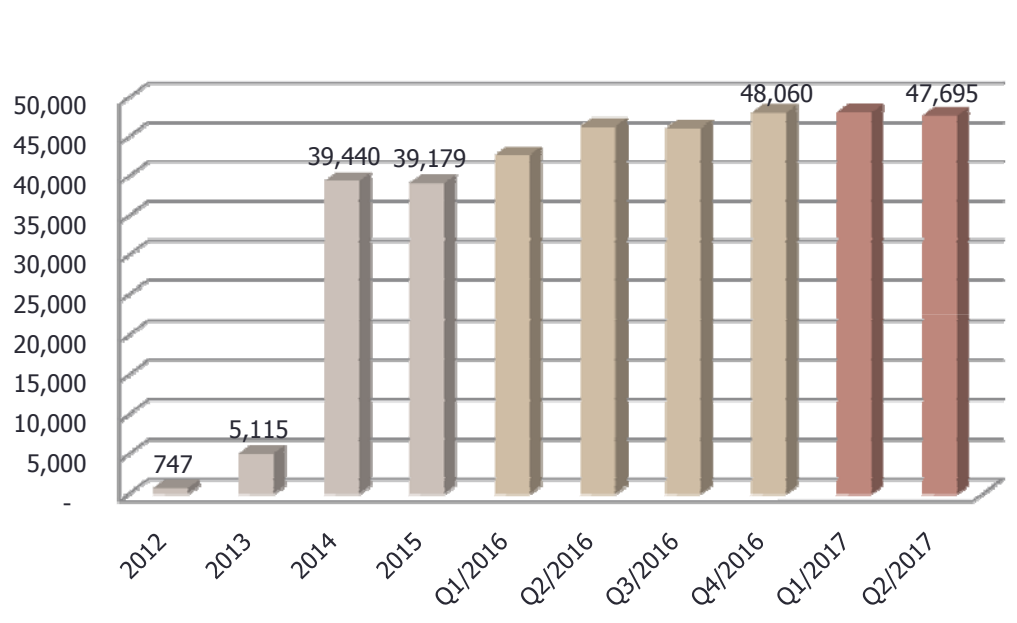
Balance Sheet (Million Baht) as of Q1/2017



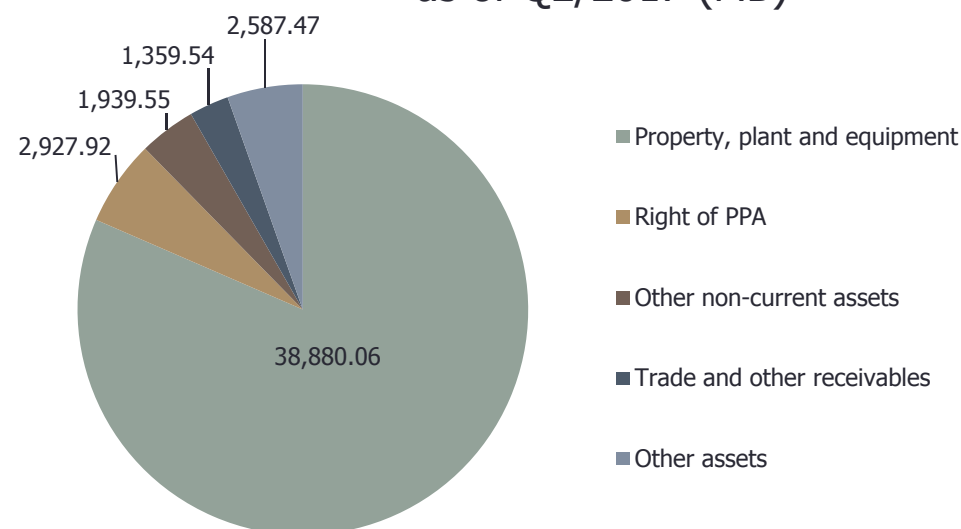


Financial Position

Total Asset



Asset type as of Q2/2017 (MB)

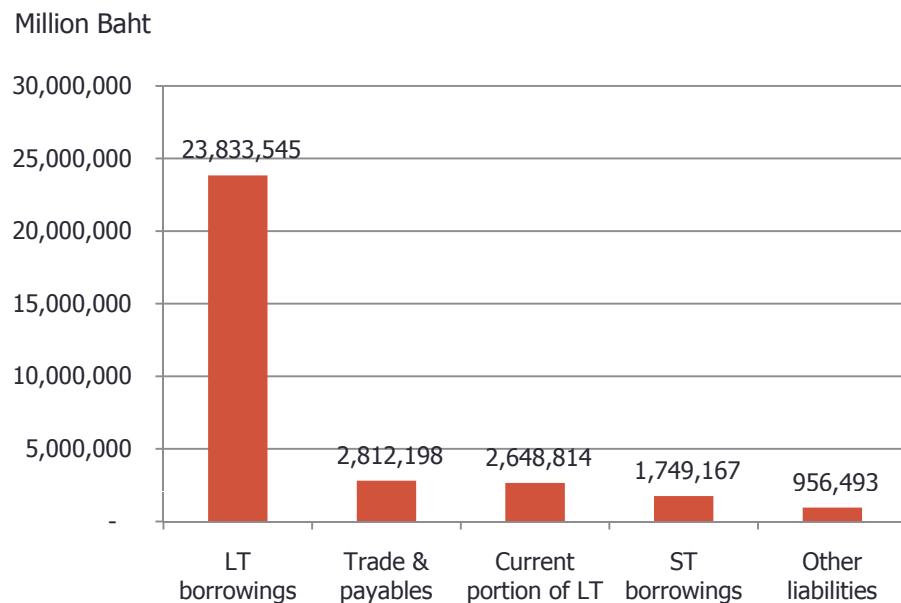


	Q1/2016	Q2/2016	Q3/2016	Q4/2016	Q1/2017	Q2/2017
Current Assets	1,833.55	3,224.45	2,820.42	1,682.73	2,003.84	1,849.89
Non Current Assets	40,938.97	43,131.74	43,305.39	46,377.06	46,121.84	45,844.64



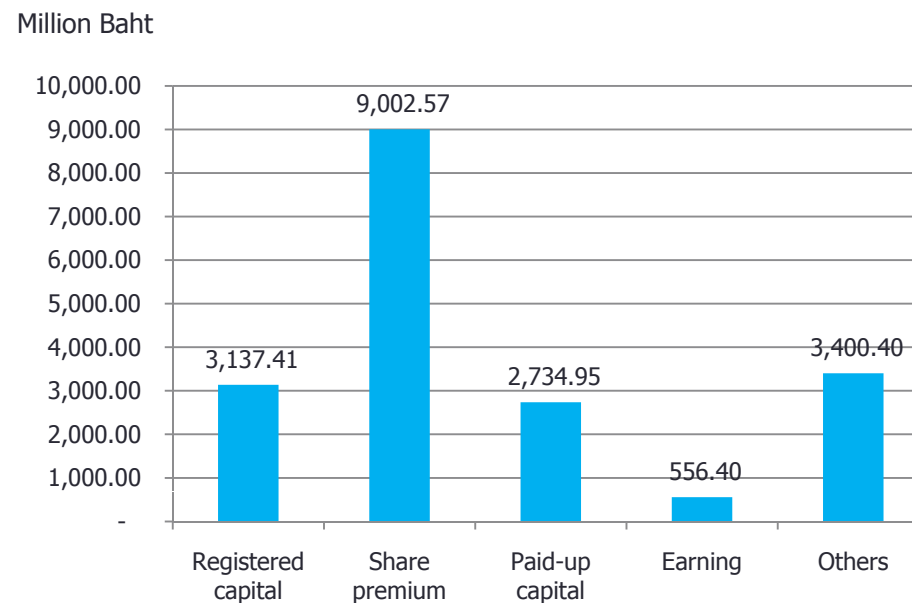
Financial Position

Total Liabilities as of Q2/2017



67.09% of total asset

Total Equity as of Q2/2017

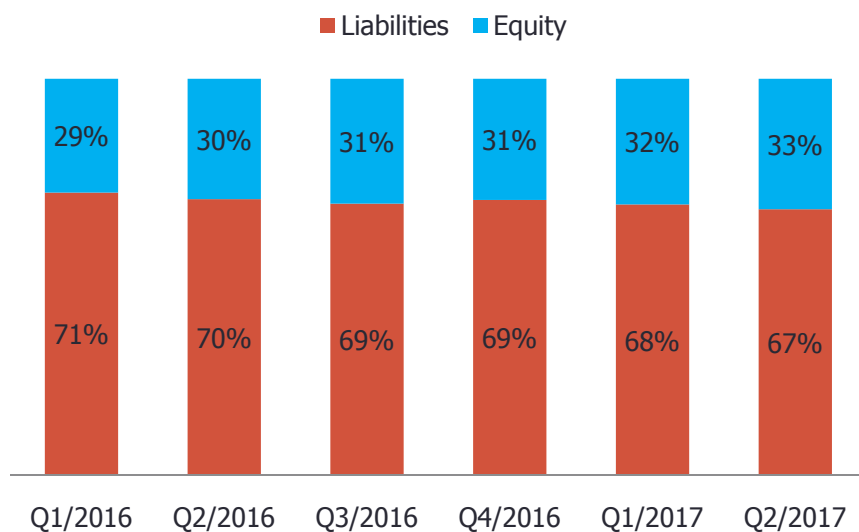


32.91% of total asset

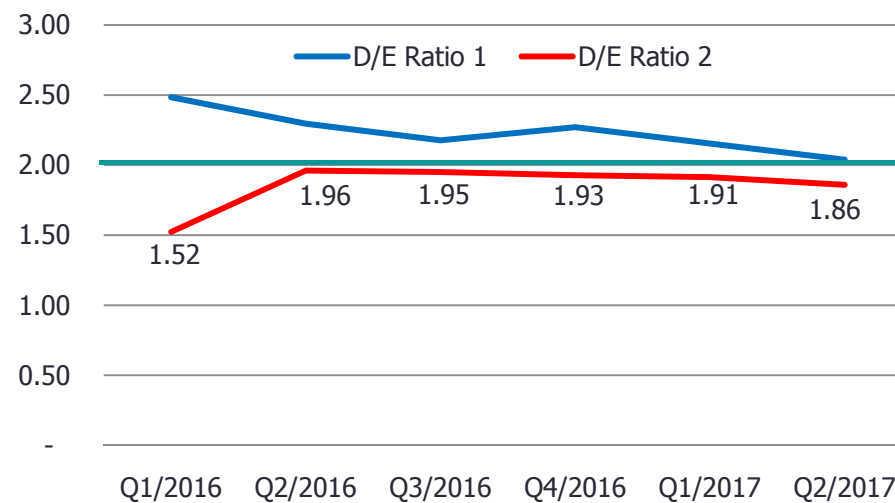


Financial Position

Capital Structure



Debt to Equity Ratio



Remark: 2/ Excluding trade and other payables



Infrastructure Fund : IFF

List	Detail
Time:	Quarter 1, 2018
Fund Asset:	Solar Energy Power Plant 118 MW 
Company Holding Ratio	Under Consideration
Total Value of Fund	Approx. 10,000 Million Baht
Objective of Fund	Objective of Fund are as follows: 1. Loan Repayment to Financial Institution 2. Future Investment in Other Projects 3. Reinvestment to IFF $\leq 20\%$
Financial Consultant	Bangkok Bank (Public) Company Limited

Existing & Potential Project in Thailand



Solar Energy : COOP Phase2

Project : SPP Hybrid

SUPER GROUP	34-39 MW
ประกาศรายชื่อ	3 November 2017
ทำสัญญาซื้อขายไฟฟ้า	2 March 2018
COD	30 June 2017

SUPER GROUP	... MW
ยื่นข้อเสนอซื้อขายไฟฟ้า	2-6 October 2017
ประกาศรายชื่อ (ผ่านคุณสมบัติด้านเทคนิค)	9 November 2017
เปิดซองข้อเสนอ (ด้านราคา)	8 December 2017
ประกาศรายชื่อผู้ได้รับคัดเลือก	14 December 2017
COD	Year 2020



Existing & Potential Project in Foreign

CHINA



GROUP CLMV



JAPAN



Solar Farms Project Details



Solar Farms Project Details

Company	RSUN	PRO ONE	PTD	GBOM
Location	Nakhon Ratchasima	Prachinburi	Ubon Ratchatani	Mahasarakham
Plant Capacity (MW)	3.00	4.00	5.00	0.95
Projects (Site)	3	1	1	1
Adder (THB/kWh)	8.00 Baht (10 Year)	8.00 Baht (10 Year)	6.50 Baht (10 Year)	6.50 Baht (10 Year)





Solar Farms Project Details

Company	17 AYH	HPM	MM	ELT
Location	Pachinburi, Sa Kaeo, Samut Songkram, Saraburi	Sakaeo, Samut Sakhon	Sakaeo	Samut Sakhon
Plant Capacity (MW)	60.00	40.0	23.6	8.00
Projects (Site)	10	5	4	1
FiT. (THB/kWh)	5.66 Baht (25 Year)	5.66 Baht (25 Year)	5.66 Baht (25 Year)	5.66 Baht (25 Year)





Solar Farms Project Details

Company	STFE	IAE(RNS)	ESERVE	SPP6
Location	Phetchaburi	Kanchanaburi, Phrae, Prachuapkhirikhan, Phetchaburi, Lampang	Phetchaburi	Lopburi, Phitchit Sakaeo
Plant Capacity (MW)	8.00	87.00	61.55	41.00
Projects (Site)	1	10	3	1
FiT. (THB/kWh)	5.66 Baht (25 Year)	5.66 Baht (25 Year)	5.66 Baht (25 Year)	5.66 Baht (25 Year)





Solar Farms Project Details

Company	NSL	TSG1	APL	SOLKIT
Location	Sa Kaeo	Samut Sorgkram	Saraburi	Lopburi
Plant Capacity (MW)	8.00	4.00	5.40	6.00
Projects (Site)	2	1	2	1
FiT. (THB/kWh)	5.66 Baht (25 Year)	5.66 Baht (25 Year)	5.66 Baht (25 Year)	5.66 Baht (25 Year)





Solar Farms Project Details

Company	AMN	SNP	PTI
Location	Sakaeo	Sakaeo	Sakaeo, Rayong, Prachuapkhirikhan
Plant Capacity (MW)	30.00	36.00	55.60
Projects (Site)	5	6	9
FiT. (THB/kWh)	5.66 Baht (25 Year)	5.66 Baht (25 Year)	5.66 Baht (25 Year)





Solar Farms Project Details

Company	WXA4	WXA5	WXA6	WXA7	NEFE
Location	Prachuapkhirikhan				Sa Kaeo
Plant Capacity (MW)	5.95	5.95	5.95	5.95	6.00
Projects (Site)	1	1	1	1	1
FiT. (THB/kWh)	5.66 Baht (25 Year)	5.66 Baht (25 Year)	5.66 Baht (25 Year)	5.66 Baht (25 Year)	5.66 Baht (25 Year)





Solar Farms Project Details

Company	S2P	EQUATOR	WRP
Location	Sakaeo	Phetchaburi	SaKaeo
Plant Capacity (MW)	36.00	75.00	48.00
Projects (Site)	6	15	8
FiT. (THB/kWh)	5.66 Baht (25 Year)	5.66 Baht (25 Year)	5.66 Baht (25 Yea





Solar Farms Project Details

Company	17 AYH (COOP)	IQE (COOP)	IQS (COOP)
Location	Pathum Thani, Samut Prakan, Samut Sakhon	Ayutthaya, Nakhon Pathom, Sa Kaeo	Samut Sakhon, Ratchaburi
Plant Capacity (MW)	18.0	15.00	7.00
Projects (Site)	4	3	2 (1Site = 5.00MW COD within Feb 2017)
FiT. (THB/kWh)	5.66 Baht (25 Year)	5.66 Baht (25 Year)	5.66 Baht (25 Year)





Solar Farms Project Details

Company	AIQ (COOP)	IQG (COOP)	ASTA (COOP)
Location	Chachoengsao, Saraburi	Samut Prakan	Chon Buri, Sa Kaeo, Chachoengsao, Nakhon Pathom
Plant Capacity (MW)	2.50	5.00	18.70
Projects (Site)	2 (1Site = 1.50MW COD within 2017)	1	4
FiT. (THB/kWh)	5.66 Baht (25 Year)	5.66 Baht (25 Year)	5.66 Baht (25 Year)



Waste Energy Project Details



Green Power Energy Project : 9.00 MW at Sakaeo
COD : with in December 2017





Disclaimer

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THANK YOU
