



Q2/2019 ANALYST MEETING

August 19th, 2019

THE INNOVATIVE POWER FLAGSHIP OF PTT GROUP

Q2 2019 KEY HIGHLIGHTS

'GROWING PROFIT WITH SUSTAINABILITY AND CONTROL'









SIGNIFICANT GROWTH

- GPSC completed the acquisition of GLOW 69.11% on March 14, 2019, and completed Mandatory **Tender Offer from Glow** which ended on the 22nd May 2019 of **26.14% adding up to** a total of 95.25%
- Integration with GLOW will consist of 3 phases, the current phase focuses on launching all quick wins and preparing to launch all remaining synergy initiatives
- Coordination with PTT Group on Gas to Power product to diversify portfolio

PROFIT

- 154% increase in EBITDA QoQ due to the first full quarter contribution of GLOW
- 30% of gross profit margin in Q2/2019 due to the first full quarter recognition of GLOW's power plant with better margins
- Value added from synergy

THB 1.6 bn ramp up with full EBITDA contribution by 2024

SUSTAINABILITY

Interim Dividend THB 0.50 per share

dividends for 1H/2019 that will be paid on September 12, 2019

- Awards from
 - · CFO of the year from 'The Asset Magazine'
 - · Asia Responsible Enterprise Award 2019 from 'Enterprise Asia'
 - · Asia Best CFO (IR) and Best **Investor Relation Company from** Corporate Governance Asia Magazine
 - · GPSC was classified as Securities in ESG100 for the year 2019 from 'Thaipat Institute'

CONTROL



Nam Lik 1 was COD since July 2019



Xayaburi and CUP4 which are under construction with over 95% completion is expected to COD within 2019



NNEG expansion phase expected to COD in 2020



CPSC WTE is expected to COD in 2021



ERU which jointly operate with Thaioil is expected to COD in 2023





GPSC Growth and Strategic Direction



Update of projects



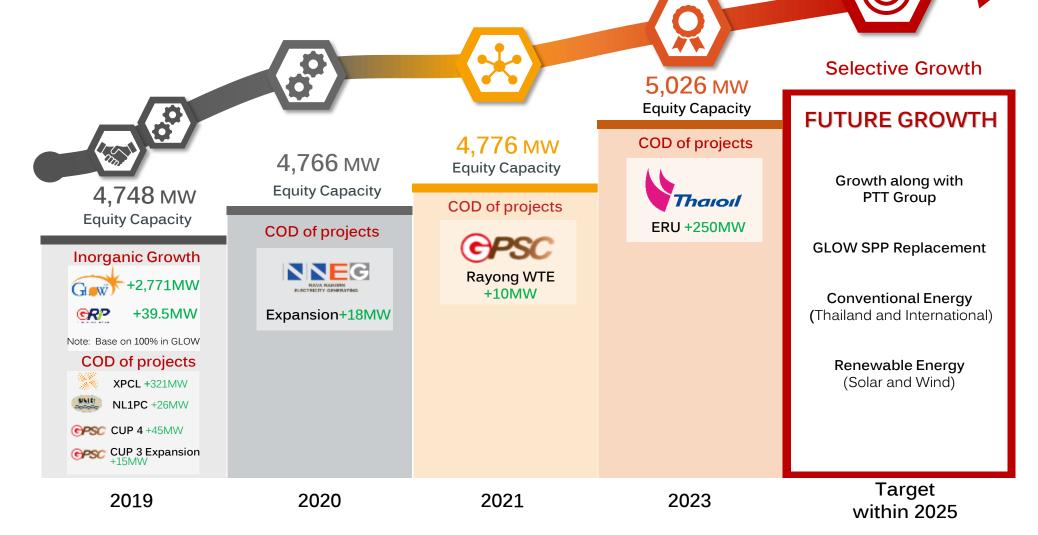
Equity Offering



Financial Performance



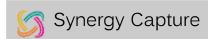
GPSC Electricity Growth Pipeline





Strategic Direction and Growth Strategy 3 Pillars





Operation Excellence & Asset Optimization

Corporate & Business Infrastructure

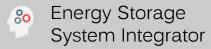


Growth along with PTT Group

Domestic and International

Renewable





Energy Management Solution Provider

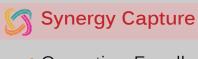


S-CURVE

Strategic Direction and Growth Strategy Synergy & Integration









Corporate & Business Infrastructure



Synergy Identification (Phase 1)

May - July 2019

- Baselining performance
- Enhancing and prioritizing synergy initiatives
- Developing business cases and action plans
- Launching selected Quick-win initiatives



Initiatives Launch

Aug - Oct 2019

- Launching all Quickwins
- Preparing to launch all remaining synergy initiatives



Full Implementation

Nov 2019 Onwards

- Launching all initiatives
- Driving full integration plan implementation
- Monitoring, controlling and reporting progress on financial and other metrics

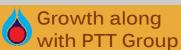
Ongoing synergy identification for additional uplift in Phase 2



Strategic Direction and Growth Strategy Selective Growth







Domestic and International



SHORT-TERM GROWTH

2019-2020



GROWTH ALONG WITH PTT GROUP

Domestic and international such as Gas to power investment also the investment in Maptaphut and EEC area



PDP 2018

Opportunity capture such as SPP replacement as ERC announced the electricity purchase from SPP with contact ending during 2019-2025, Solar floating (EPC) and Solar PPPA



SELECT & DEVELOP STRATEGIC PARTNER

for focus countries

LONG-TERM GROWTH

2021-2025



RENEWABLE IN GREENFIELD AND DEVELOPER SCHEME INVESTMENT



CO-GENERATION
EXPERTISE TO
EXPAND IN
FOCUS COUNTRIES



Strategic Direction and Growth Strategy

Battery Business

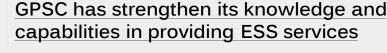
Energy Storage

Management **Solution Provider**

Energy

System Integrator

S-curve





EXPLORE NEW S-CURVE BUSINESS FROM ESS

2019 Onwards





GPSC AS A SYSTEM

INTEGRATOR





2019





Developer in Micro-grid/ESS

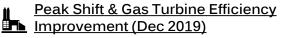




Market and Technology Intelligence in Digital Energy



S-CURVE





- ✓ Increase efficiency of Gas **Turbine**
- Improve power stability of GC operation in Rayong province
- Provide future power optimization for major industries supporting GC Group



Renewable Integration for Peak Shift & Back-up (Mar 2019)



✓ Increasing effectiveness of power consumption that benefit environment



GPSC Energy Storage System Projects Information and Status:

Туре	Customer	Capacity	Status
Residential	Chiang Mai U	10kW/17kWh	
♣ Industrial	GCL	625kW/625kWh with 2MWp solar	
⊾ Industrial	GC	250kW/1.5MWh	_
Smart City	VISTEC	1MW/1MWh	=

Complete Contructing



Growth Platform Strengthened by Synergies



'Larger and Stronger Power House'

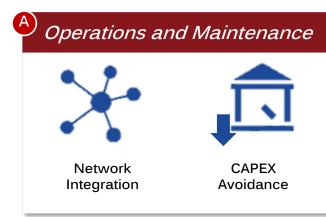


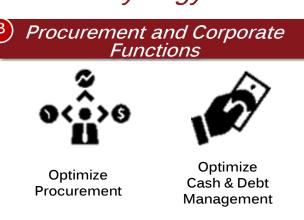
RATCH





'Continuous Synergy Realization'







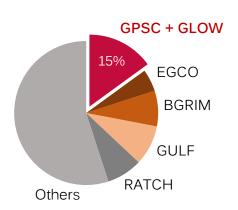
Leadership Position in SPP



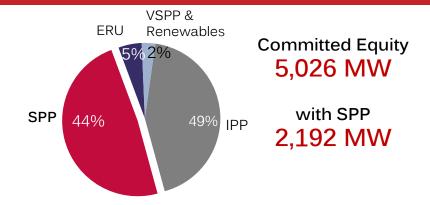
SPP Market Share by Installed Equity MW/1

Thailand's largest SPP player

with strong resources and network reliability



GPSC's Committed Portfolio/2



Note: 1. Data source from companies' website and ERC as of July 2019

2. Based on 100% in GLOW

SPP Replacement Project: Stage 1 and 2 Projects (Tentative only)

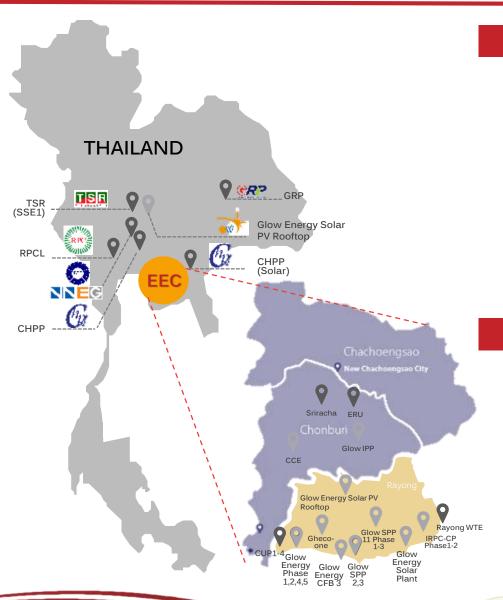
Plant	Power (MW)	Steam (TPH)	Max. EGAT PPA	Notice to proceed	SCOD		
Stage 1							
GEN Phase 2	192	300	30 x 2	2020	2022		
Stage 2							
GSPP2	192	300	30 x 2	2022	2024		
GSPP3 (Coal)	120	168	30 x 2	2022	2024, 25		
GSPP11#1	80	-	30 x 1	2023	2025		
Total	584	768					

Source: Glow Analyst Meeting Q1/2019

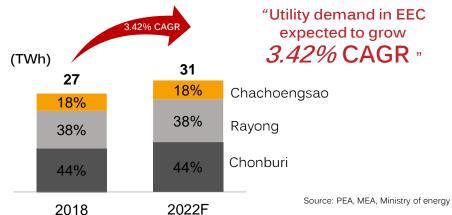


Solid growth platform and Expansion in EEC





Capture solid growth in EEC



Supportive Industrial Customers Landscape



>5 Industrial estates



>5 Industries

- Petrochemical
- Chemical
- Refinery
- Steel
- Industrial gas
- ~75 companies
- ~120 plants & facilities

Customer needs

Reliability

Cost competitiveness

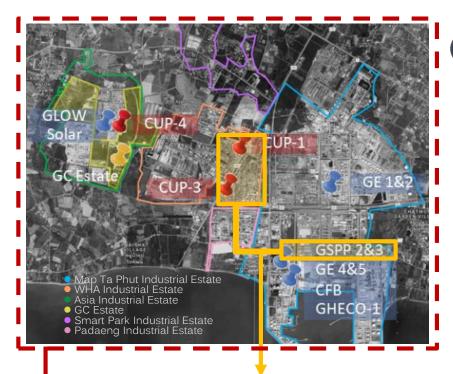
Backup support

Flexibility



Quick wins & Big wins





Synergy Initiatives

I. Operation Synergy

✓ Power and Steam Integration leads to cost savings and more capacities to serve new demand



-8-



Substitute GPSC supply by GLOW's lower cost of production Optimize Back-Up Capacity and Cost Avoid or Delay Power Plant and Distribution Network CAPEX Increase Supply Opportunities

II. Maintenance Synergy

√ With tools implemented and knowhow integrated, maintenance cost can be improved





Aligning best practice to increase internal maintenance productivity

Optimize use of external maintenance services across firms

Implement preventive tools to reduce maintenance cost



Immediate benefits from Power and Steam Integration

• Reduce standby time



I. Procurement Synergy



Introduce digital procurement best opractices



Leveraging volume synergies and PTT group's fuel expertise



Reduce inventory costs through inventory consolidation and Inventory digital platform

II. Corporate Function & IT Synergy



Optimize cash levels of combined balance sheet



Combine projects & contractors of departments



Align best practices & processes across both organizations



Big-win

Full Integration

from Power and

Steam Integration
Rebalance production

to optimize cost

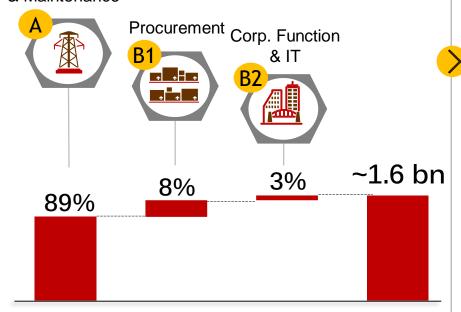
Expected Synergy Benefit



Phase 1

EBITDA Contribution Per Annum^{/1} Identified in Phase 1

Operations & Maintenance



Note: 1. Recurring EBITDA synergy value based on current portfolio

1. Recurring Benefit in Phase 1

+1.6 bn

Ramp up with full EBITDA¹ contribution by 2024



Phase 1

2. Additional One-time Benefit

3. Further Identification in Phase 2

+2.5 bn
One-time
CAPEX Avoidance

Additional uplift from Growth Initiatives

For 200 MW growth in MTP







GPSC Growth and Strategic Direction



Update of projects



Equity Offering



Financial Performance



Nam Lik 1 Power Company Limited (NL1PC)





PROJECT SUMMARY

TYPE

ELECTRICITY (MW)



Run-of-River Hydropower Plant 64.7

LOCATION

CUSTOMER

Northern of Vientiane, Lao PDR







Electricite Du Laos (EDL) (63.8 MW for 30 years from signing date)

GPSC HOLDING

PROJECT UPDATE

40%

Of total share

• Overall construction and commissioning test was completed.

Xayaburi Power Company Limited (XPCL)





PROJECT SUMMARY

TYPE

ELECTRICITY (MW)





1,285

LOCATION

CUSTOMER

Lao PDR





• EGAT (1,220 MW)



Electricite Du Laos (EDL) (60 MW)

GPSC HOLDING

PROJECT UPDATE

25%

Of total share

- The main construction tasks, such as power house, intermediate block, fish ladder and 500 kV transmission line were mostly completed.
- The commissioning test of each unit has been in progress in order to sell electricity to EGAT during the Unit Operation Period (UOP).



CENTRAL UTILITY PLANT 4 (PSC): CUP4 (THAILAND)



PROJECT SUMMARY

TYPE

ELECTRICITY (MW)

STEAM (T/h)



Gas-fired Cogeneration

45

70

LOCATION

CUSTOMER

Asia Industrial Estate, Rayong



Industrial users in Asia Industrial Estate and neighboring industrial estate





GPSC HOLDING

PROJECT UPDATE

100%
Of total share

- Main installations and erections have been completed, to prepare for the following unit test and commissioning.
- The progress of the inter-connection of power and steam pipeline has been achieved over 90%.
- Next activity will be integration test and commissioning.

Nava Nakorn Electricity Generation (NNEG) Expansion Project





PROJECT SUMMARY

TYPE

ELECTRICITY (MW)

STEAM (T/h)

Gas-fired Cogeneration Expansion 60

10

Total

185

LOCATION

CUSTOMER

Nava Nakorn **Industrial Promotion** Zone, Pathumthani



Industrial



 EGAT (SPP Firm 90 MW for 25 years)



GPSC HOLDING

PROJECT UPDATE

30%

Of total share

- Piling work was completed
- Main tasks such as engineering, foundation and procurement work for machines and equipment were executed as planned.



Rayong Waste to Energy **PSC** (WTE)





PROJECT SUMMARY

ELECTRICITY (MW) TYPE

RDF (T/day)





Waste

300

LOCATION

CUSTOMER

Rayong





PROJECT UPDATE

Provincial Electricity Authority (PEA)



GPSC HOLDING

100%

Of total share

• The RDF Project construction has been

- completed since 2018 while the RDF Power Plant Project construction began on April 2019.
- The project is expected to COD in Q2/2021.

ERU as a power and steam **PSC** supporting unit of CFP Project

PROJECT SUMMARY

Pitch 250 175

LOCATION CUSTOMER

Laem Chabang Port







GPSC HOLDING

100%
Of total share

PROJECT

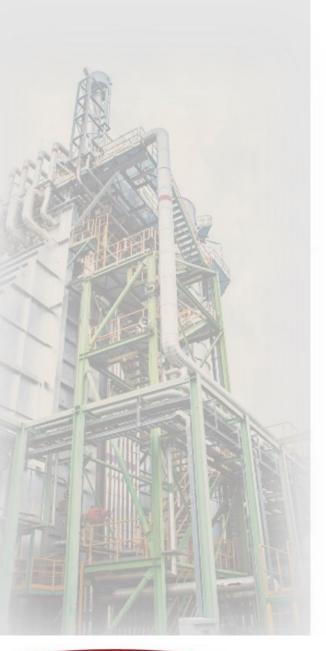
The Energy Recovery Unit (ERU)

 the plant which uses pitch as
 the main fuel feed to generate
 power, steam and other

 Products to the CFP Plant









GPSC Growth and Strategic Direction



Update of projects



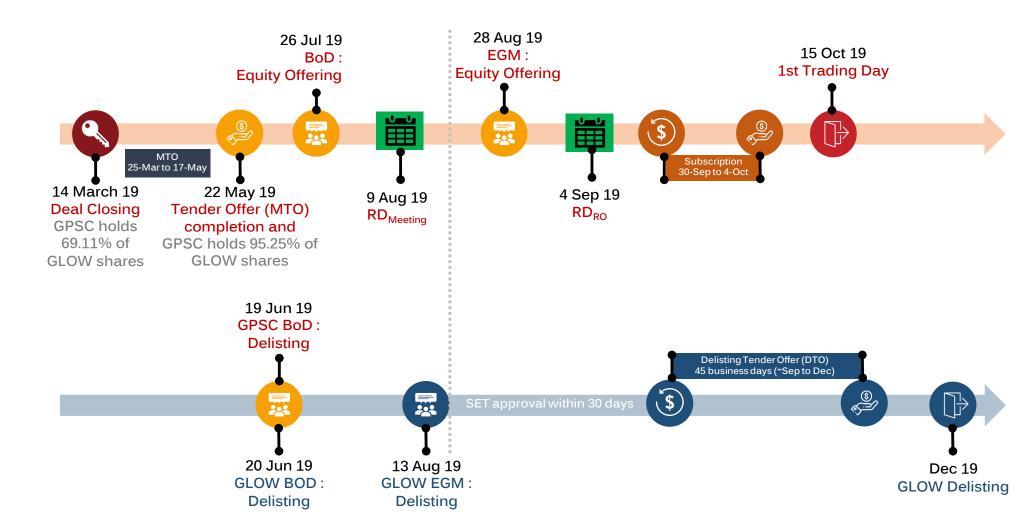
Equity Offering



Financial Performance



Timeline: Equity Offering and GLOW Delisting





Use and Source of Fund with **Deleveraging Plan**

USE OF FUND

SOURCE OF FUND AND DELEVERAGING PLAN FOR FUTURE GROWTH

134.5 Bn

Loan from PTT and GC 35 Bn

Bridge loan from Financial Institutions 99.5 Bn

GPSC Bridging loan

Net D/E

1.96X

SHORT-TERM PLAN

GPSC secured the shortterm loan at THB 134.500 million from PTT, GC and Financial institutions.

Equity ≤74 Bn

Loan and Debentures



Deleveraging plan

Target Net D/E 1X

LONG-TERM FINANCIAL PLAN

- After the capital restructuring plan, GPSC will repay short-term loan with debentures/long-term loan, equity injection, and net dividend payment from GI OW
- The fund will also be used in investments for future growth, including ERU, Malacca and SPP Replacement Projects

Tender shares Tender Offer for 69.11% 26.14% Offer 4.75%

Consideration Consideration Consideration

for

Mandatory

for

Delisting

of

GLOW's

USE OF FUND FOR FUTURE GROWTH

- GPSC acquired shares of GLOW, equivalent to 69.11% from ENGIE Global Developments.
- GPSC completed the payment amounting to THB 93,000 million in total.
- GPSC has obtained accumulatively 95.25% and will tender the remaining shares via Delisting Tender Offer by Dec 2019



Rights Offerings Key Terms

RO Amount

RO Subscription Price

Discount from 30D VWAP (THB 70)

THB **74,000** million

THB 56 per share

20%

Numbers of Allotted Shares

Allocation Ratio (Old: New)

1,321 million shares

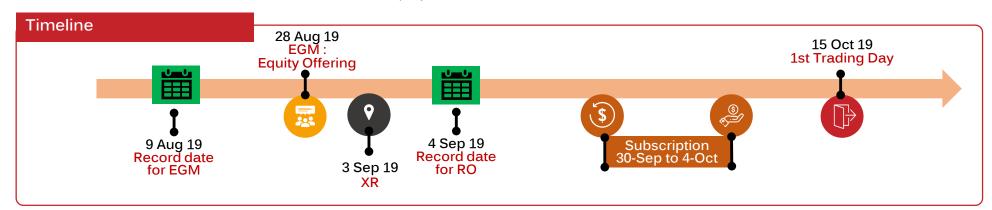
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Objective of Capital Increase

- Repayment of the short-term loan (Bridge Financing) to financial institutions and the major shareholders (i.e. PTT and GC)
- Maintaining financial ratio to be comparable with peers and financial structure which is suitable for the investment in the current and future projects

Allocation Method

- Allocate to existing shareholders proportionate to their respective shareholdings
- Oversubscription is allowed allocate until there are no remaining or no shareholder subscribes for the remaining shares





Equity Offering Summary

Objectives



Achieve THB 74 bn as required



Completion by 2019



Optimize Free-float

Right Offering



Giving rights to existing shareholders (no control dilution if rights are exercised)



Allow oversubscription for fund raising completion objective



Offered at discounted market price to attract existing shareholders to subscribe

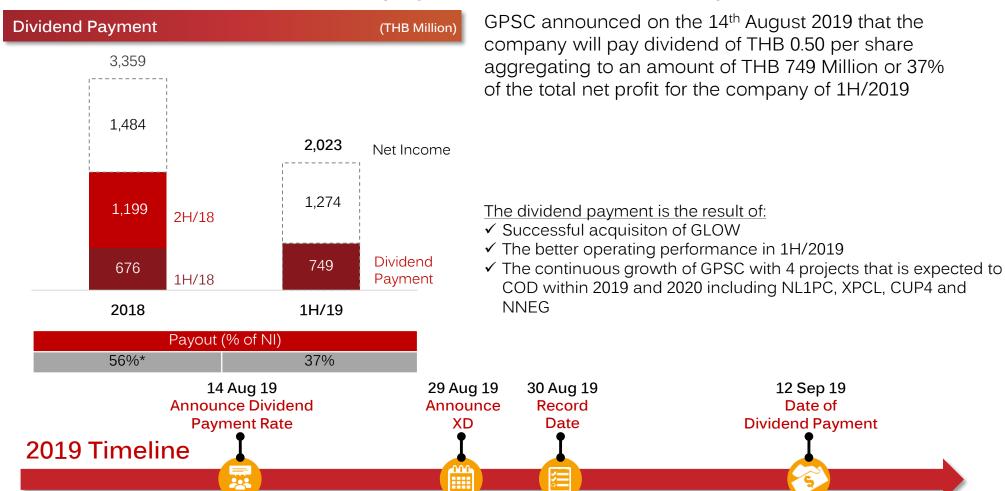


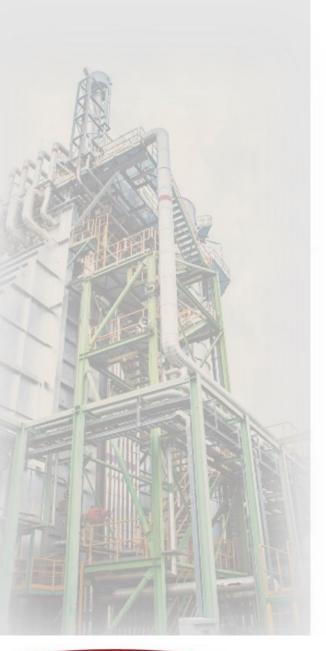
Appropriate method for meeting fund raising in timely manner



GPSC Announce Interim Dividend Payment

GPSC Announce to pay dividend of THB 0.50 per Share







GPSC Growth and Strategic Direction



Update of projects



Equity Offering



Financial Performance



Key Financial Highlights Q2/2019

Key financial highlights



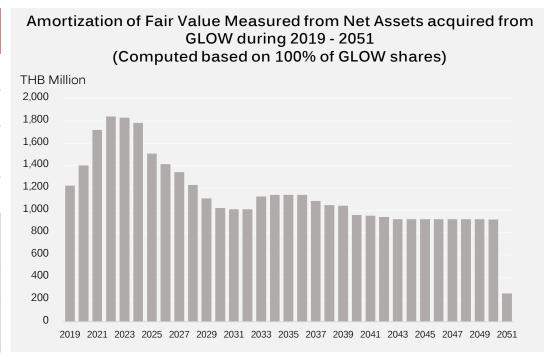
The better performance is mainly due to:

- ✓ The first full quarter recognition of GLOW's Independent Power Producer (IPP) and Small Power Producer (SPP) performance
- ✓ The consistency of GPSC's and GLOW's sales of both electricity and steam to industrial customers



Fair Value Measurement of Net Assets from the Acquisition of GLOW

Items	Book Value of GLOW (THB Million)	GLOW	Differential Value (THB Million)
Assets	107,655	155,500	47,845
Liabilities	(56,246)	(66,497)	(10,251)
Net Assets of GLOW at 14 March 2019	51,409	89,003	37,594
Non-Controlling interests at 30.89%		(32,092)	
Total Net Asset obtained GLOW at 69.11%		56,911	
Goodwill		36,090	
Proportion of acquisition cost 69.11%		93,001	

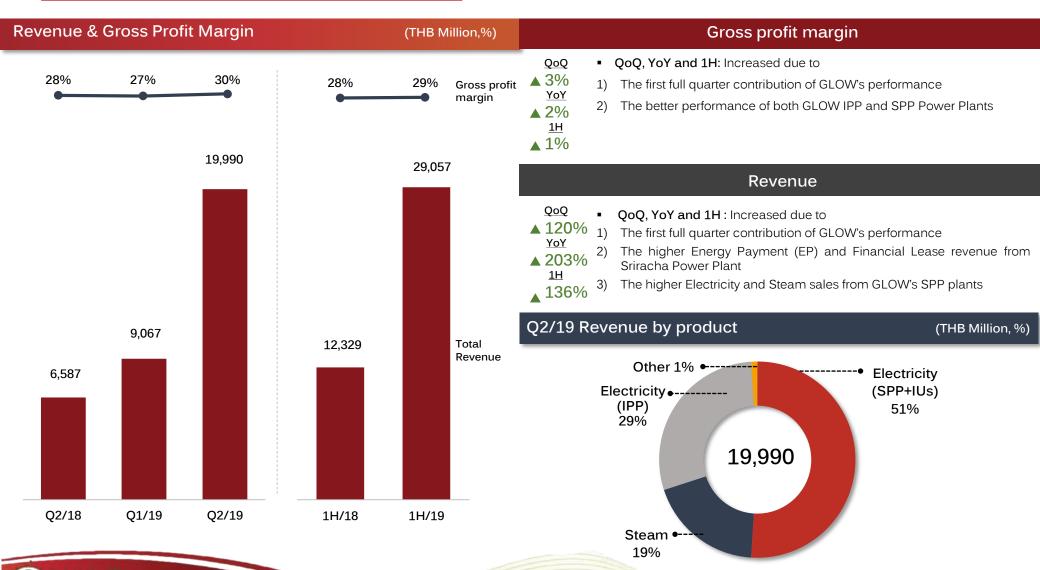


GPSC has completed the acquisition of 69.11% on 14 March 2019 at a total of THB 93,001 million, the company has measured the fair value of GLOW net assets as follow:

- The fair value uplift of THB 37,594 million from Purchase Price Allocation (PPA)
- The fair value recognition of net assets acquired from GLOW will be amortized yearly (based on the remaining period of the contract, 5 to 31 years).
- Goodwill will be subjected to an impairment test on a yearly basis.



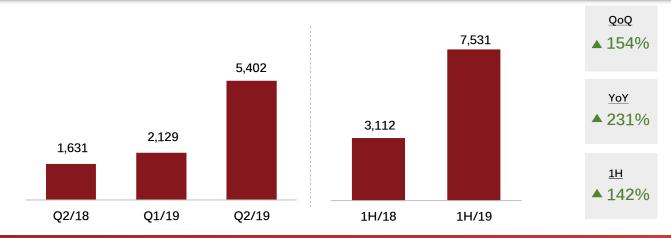
Q2/2019 Financial Performance Summary (1/2)





Q2/2019 Financial Performance Summary (2/2)

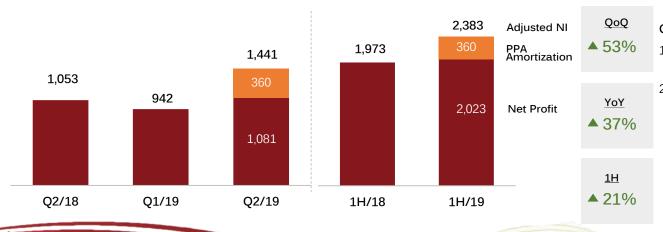




QoQ, YoY and 1H: Increased mainly as a result of the immediate recognition of GLOW's performance after the acquisition of GLOW including Independent Power Producer (IPP), Small Power Producer (SPP) and Very Small Power Producer (VSPP) and Others.

Net Profit and Adjusted Net Income

(THB Million)



QoQ, YoY and 1H: Adjusted Net Income increased due to

- 1) The immediate first full quarter recognition of GLOW's performance after the acquisition
- 2) The increase in net profit by 15% showing that both GPSC and GLOW has shown consistency in the sales of both electricity and steam to industrial users



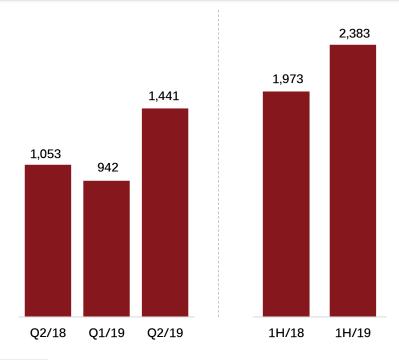
Adjusted Net Income increased as a result of the first full quarter acquisition of GLOW



(THB Million)

Adjusted Net Income of Q2/2019

(THB Million)

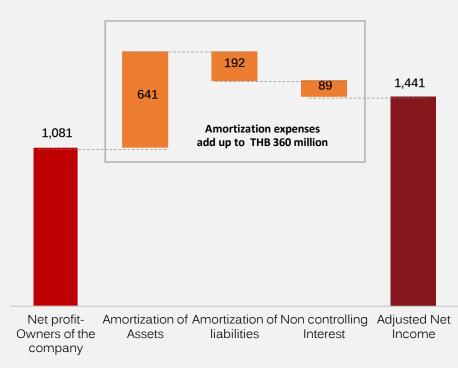




▲ 3^y0^y0/9

▲ 21%

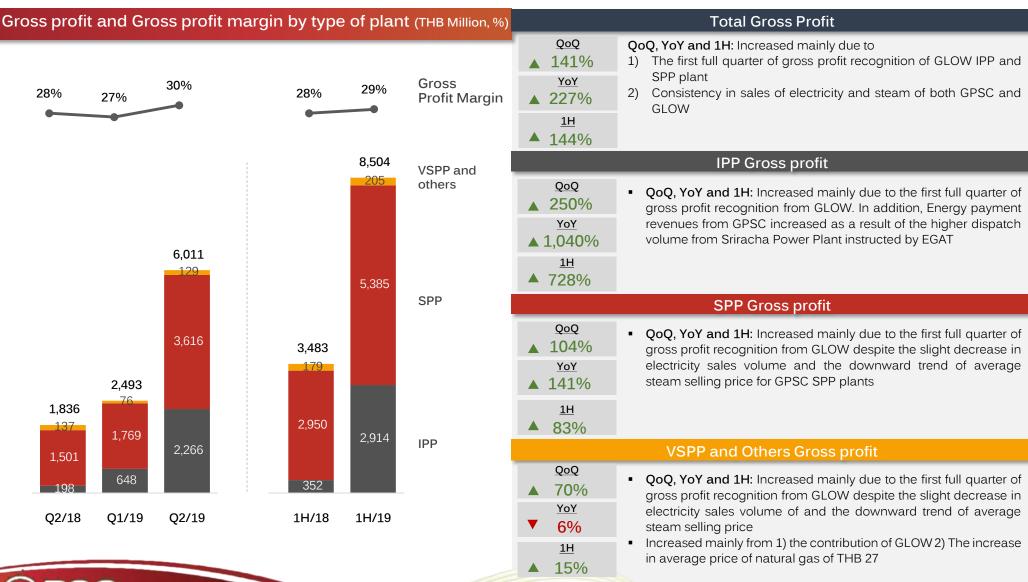
 QoQ, YoY and 1H: Increased from Q1/2019 and 1H/2018 respectively as a result of the first full quarter recognition from acquired GLOW despite the burden of interest expense from short-term loans



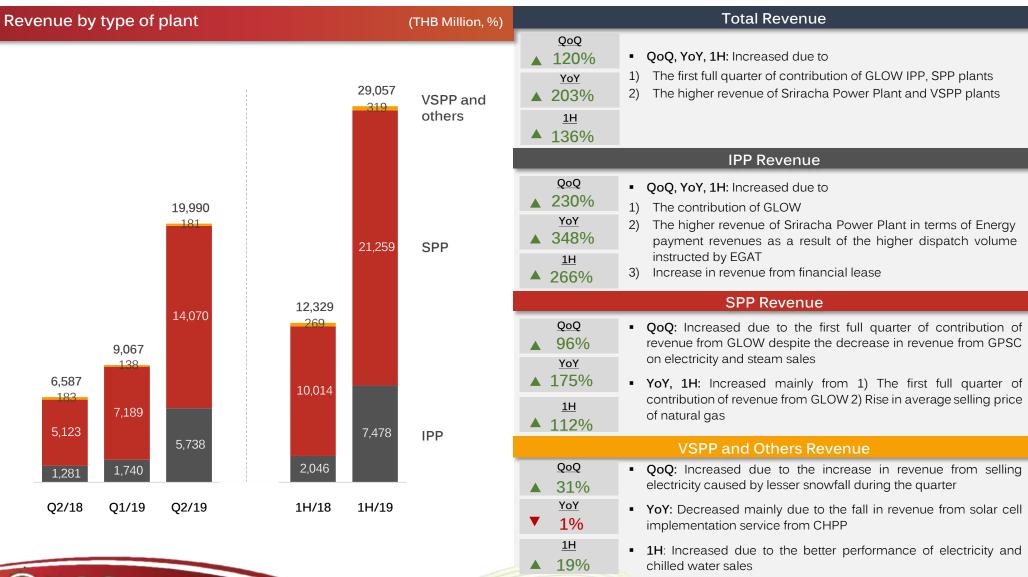
Adjusted Net Income is the net profit attribute to the company that
excludes the "fair value of intangible asset from the acquisition of GLOW",
the assessment of the fair value of net assets and allocation of business
acquisition cost which has been calculated backwards from 14th March
2019 (the first day that GPSC has recognize GLOW's performance in the
consolidated financial statement) according to the consolidated financial
statement of the company



Gross Profit and Gross Profit Margin has increased significantly from contribution of GLOW and IPP's revenue

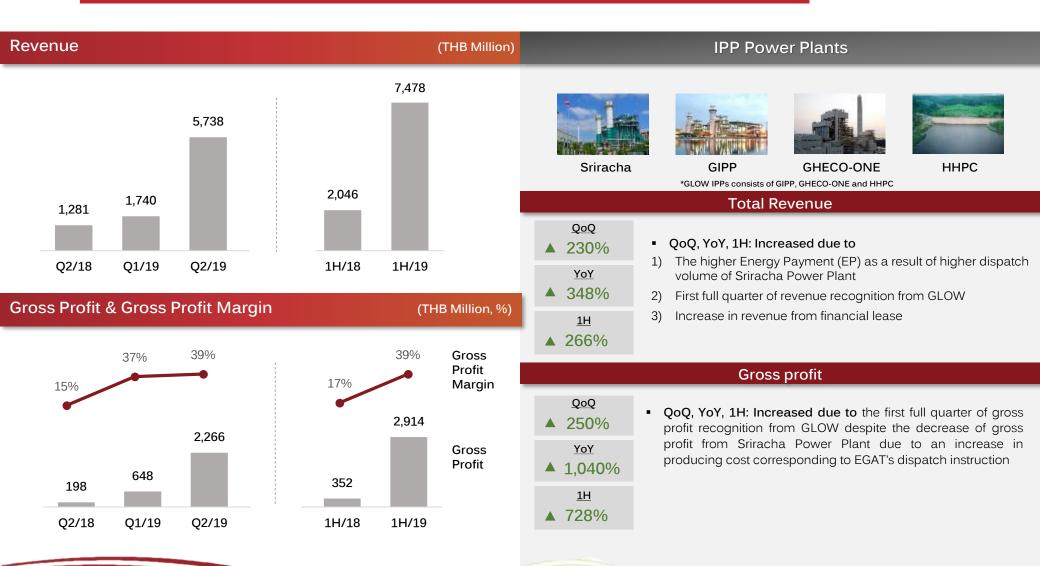


Total revenue has increased due to the contribution of GLOW and the better performance of IPP and SPP





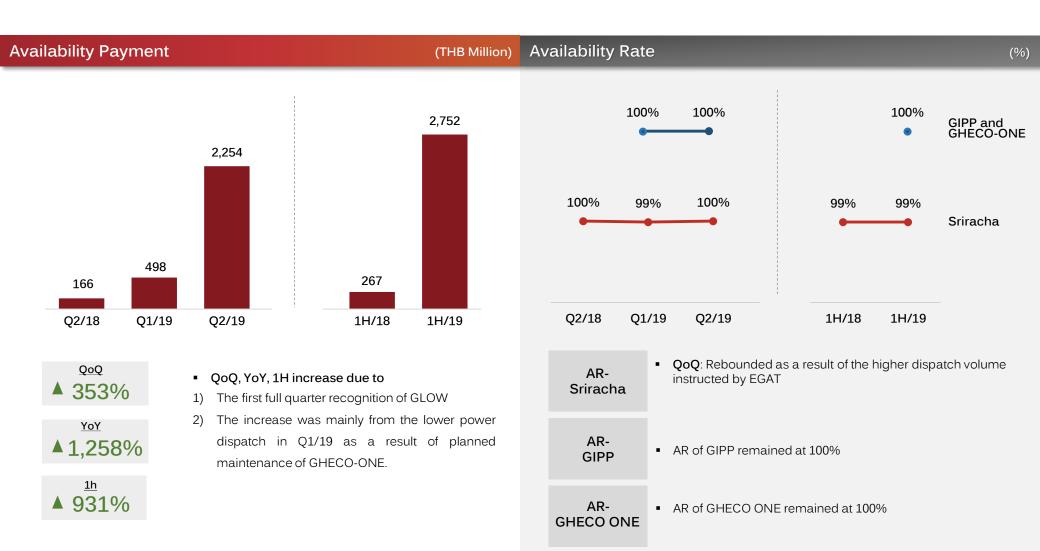
IPP Revenue: Increased By 230% QoQ and 348% YoY due to Higher dispatch volume from SRC and contribution from GLOW







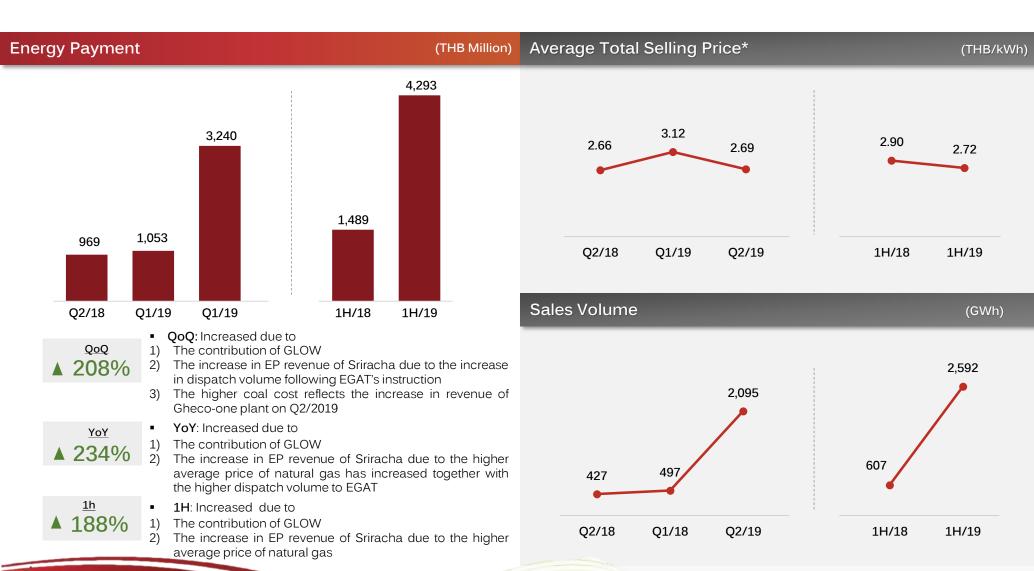
Availability Payment: Increased by 352% QoQ and 1,258% YoY







Energy Payment: Increased 208% QoQ and 234% YoY





Note: *Average Total Selling Price is derived from the revenue of Availability Payment (AP) and Energy Payment (EP)



SPP Revenue: Increased 96% QoQ and 175% YoY due to the contribution from GLOW's SPP plants



83%

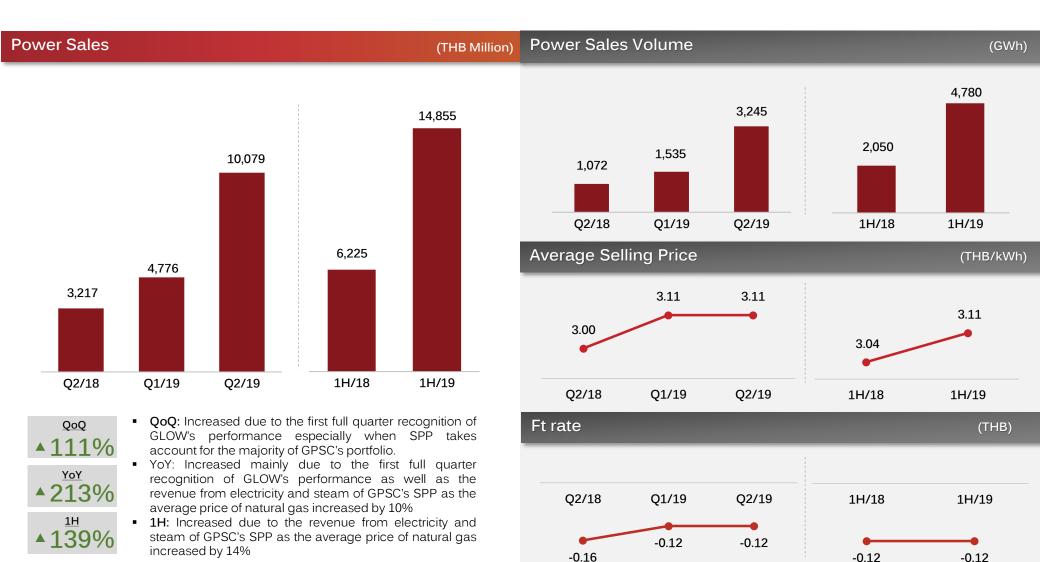
from GLOW



• 1H: Increased due to the first full quarter of revenue recognition



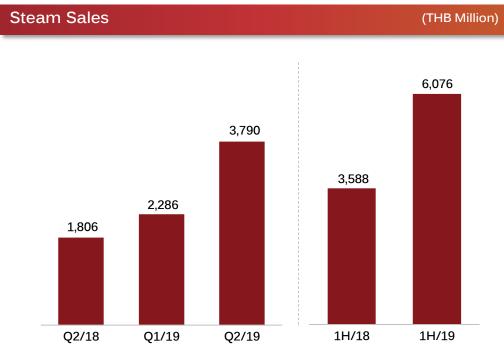
SPP Power Sales: Increased 111% QoQ and 213% YoY







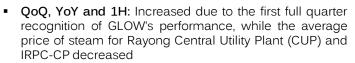
SPP Steam Sales: Increased 66% QoQ and 110% YoY

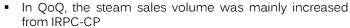


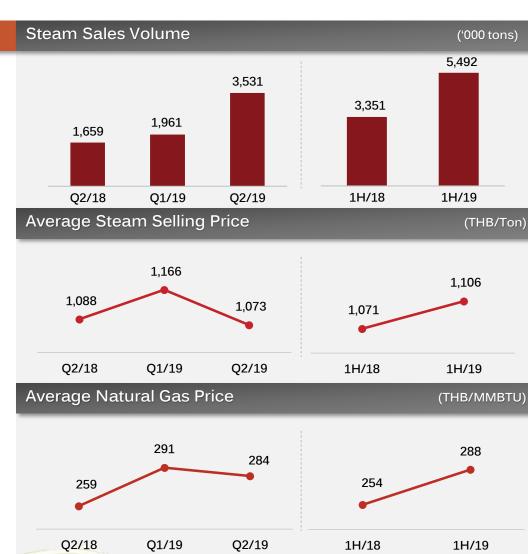


▲ 110%

<u>1H</u> ▲ 69%

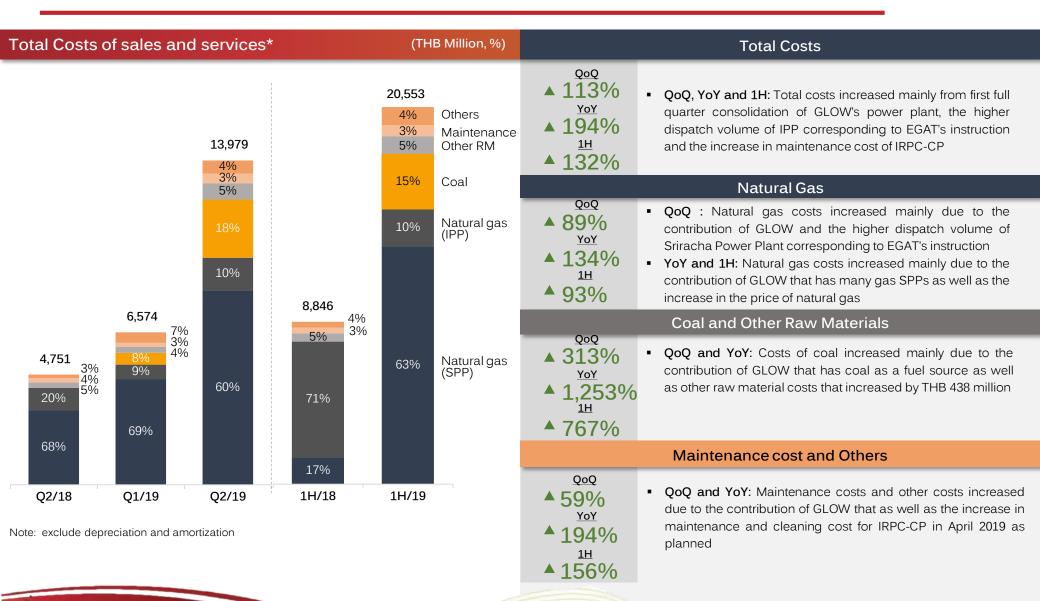






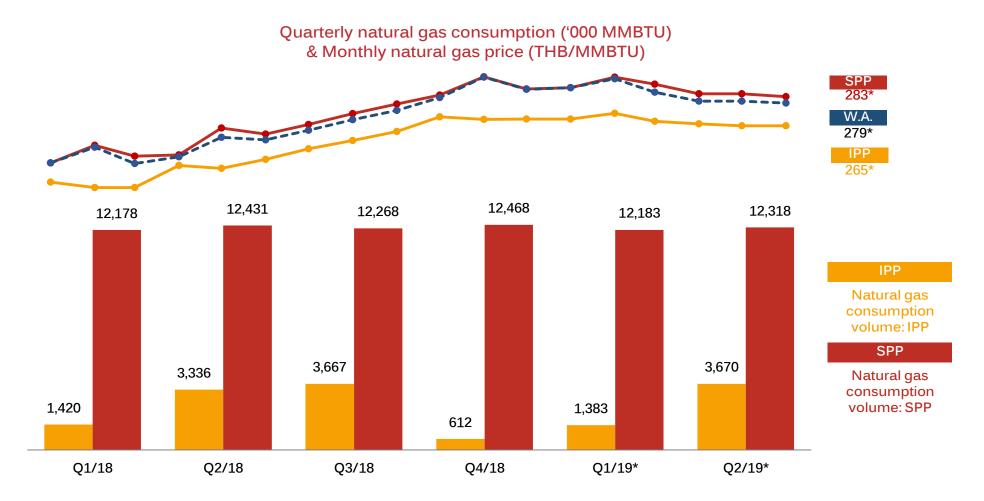


Total Cost Of Sales and Services: Increased in Line with Revenues





Natural Gas Consumption vs Price Trend



Remark: Latest price as of 30 June 2019 Note: *Excluded GLOW



Financial Position of GPSC and Subsidiaries



Assets

- Other non-current assets increased by THB 16,635 million or 22% due to the recording of the fair value of net asset from the acquisition of GLOW
- Property, plant and equipment: increased by THB 2,637 million or 3% after recording the fair value of net asset from the acquisition of GLOW
- Finance lease and receivable net: increased by THB 692 million or 8%

Total liabilities increased mainly from:

- Current liabilities increased mainly from an increase in shortterm loan from financial institution for the acquisition of GLOW
- · Other non-current liabilities increased mainly due to the increase in deferred tax liabilities of THB 8.932 million from recording the fair value of net asset from the acquisition of **GLOW**
- Long-term borrowing and debentures decreased from the repayment of loans to financial institution and debenture



24%

Total Equity decreased mainly from:

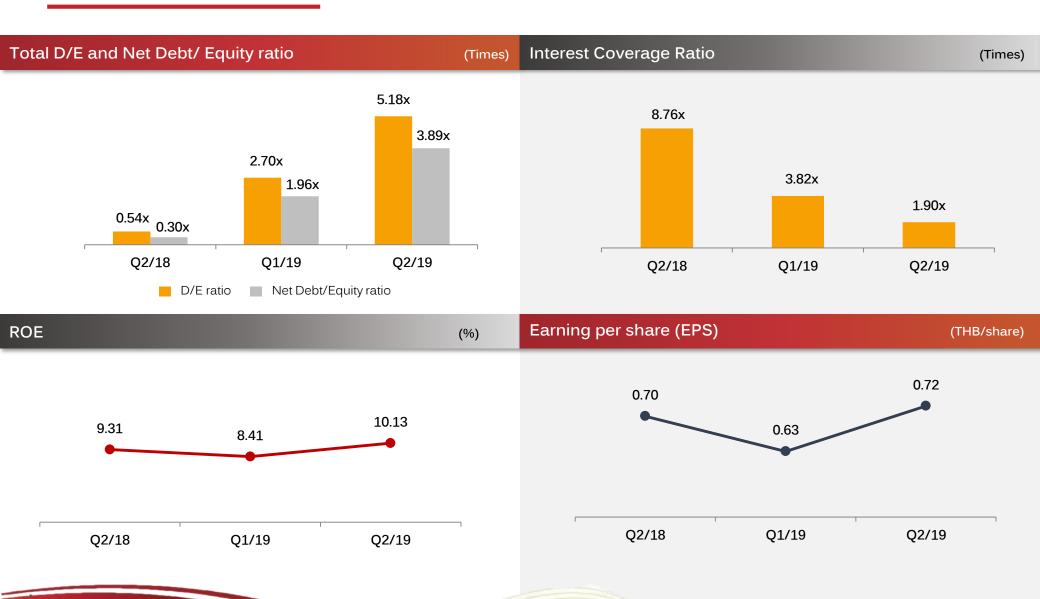
• The change in non-controlling interest and the difference from the change of investment proportion in subsidiaries resulted from the tender offer for acquisition of GLOW



8%

(THB Million, %)

Key Financial Ratio



THANK YOU

IR Contact

Pongsak Plaingam Suthathip Charoenkij Sarayut Srinoradithlert

+662 140 4646

+662 140 5318

+662 140 4631

ir@gpscgroup.com www.gpscgroup.com



Power Plants Portfolio of GPSC

Name	Туре	Total capacity (MW)	Equity Power capacity (MW)	Equity Operating Power capacity (MW)	Steam (T/H)	Industrial water (Cu.m/H)	Direct shareholding (%)	COD	Tenor
IN OPERATION IPP									
	100	450	100	4.00			01.0)4/(07)	4000	20
Huay Ho	IPP	152	102	102	-	-	GLOW (67%)	1999	30
Sriracha	IPP	700	700	700	-	80	GPSC (100%)	2000	25/2025
Glow IPP	IPP	713	677	677	-	-	GLOW (95%)	2003	25
RPCL	IPP	1,400	210	210	-	-	GPSC (15%)	2008	25/2033
GHECO-One	IPP	660	429	429	-	-	GLOW (65%)	2012	25
XPCL	IPP	1,285	321	-	-	-	GPSC (25%)	2019	29/2048
Total IPP		4,910	2,439	2,118	-	80			
SPP									
Glow Energy Phase 1	SPP	-	-	-	250	1,340	GLOW (100%)	1994	-
Glow Energy Phase 2	SPP	281	281	281	300	1,180	GLOW (100%)	1996	3
Glow Energy Phase 4	SPP	77	77	77	137	2,050	GLOW (100%)	2005	25
Glow Energy Phase 5	SPP	328	328	328	160	-	GLOW (100%)	2011	_
Glow SPP 2/ GLOW SPP 3	SPP	513	513	513	190	150	GLOW (100%)	1999	25
Glow SPP 11 Phase 1	SPP	120	120	120	-	360	GLOW (100%)	2000	25
Glow SPP 11 Phase 3	SPP	42	42	42	-	-	GLOW (100%)	2006	-
Glow SPP 11 Phase 2	SPP	110	110	110	-	212	GLOW (100%)	2012	25
CUP-1	SPP	226	226	226	890	720	GPSC (100%)	2006	10- 15/2021++
CUP-2	SPP	113	113	113	170	510	GPSC (100%)	2008	15/2022++
CUP-3	SPP	-	-	-	280	770	GPSC (100%)	2009	15/2023++
Glow Energy CFB 3	SPP	85	85	85	79	-	GLOW (100%)	2010	-
BIC-1	SPP	117	29.25	29.25	5	-	GPSC (25%)	2013	25/2038
BIC-2	SPP	117	29.25	29.25	5	_	GPSC (25%)	2017	25/2042
IRPC-CP Phase 1	SPP	45	23	23	86.7	-	GPSC (51%)	2015	25/2040
IRPC-CP Phase 2	SPP	195	99.4	99.4	66.3	-	GPSC (51%)	2017	25-27/2044

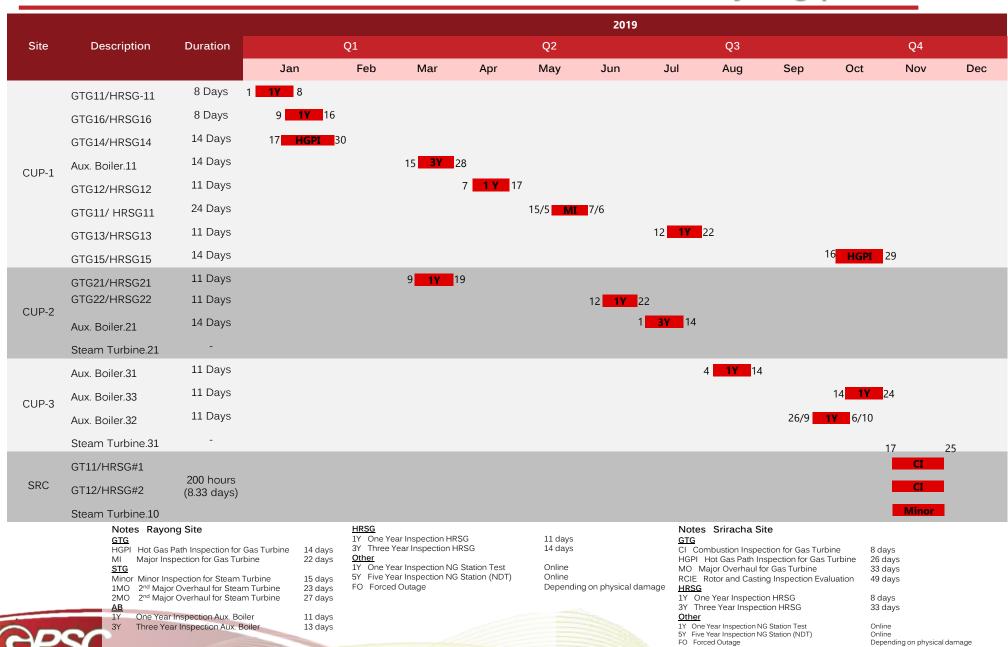


Power Plants Portfolio of GPSC

Name	Туре	Total capacity (MW)	Equity Power capacity (MW)	Equity Operating Power capacity (MW)	Steam (T/H)	Industrial water (Cu.m/H)	Direct shareholding (%)	COD	Tenor
IN OPERATION									
NNEG	SPP	125	38	38	9	-	GPSC (30%)	2016	25/2041
NNEG Expansion	SPP	60	18	-	3	-	GPSC (30%)	2020	25/2041
Rayong Expansion (CUP-3)	SPP	15	15	-	-	-	GPSC (100%)	2019	n/a
Rayong Expansion (CUP-4)	SPP	45	45	-	70	-	GPSC (100%)	2019	-
Total SPP		2,614	2,192	2,114	2,701	7,292			
VSPP and others									
CHPP	VSPP	5	5	5	-	-	GPSC (100%)	2008	30/2038
CHPP (Solar)	VSPP	5	5	5	-	-	GPSC (100%)	2016	2041
Glow Energy Solar Plant	VSPP	1.55	1.55	1.55	-	-	GLOW (100%)	2012	20-25
TSR (SSE1)	VSPP	80	32	32	-	-	GPSC (40%)	2013	25/2038
Glow Energy Solar PV Rooftop	VSPP	0.87	0.87	0.87	-	-	GLOW (100%)	2019	15
Glow Energy Solar PV Rooftop	VSPP	1	1	1	-	-	GLOW (100%)	2019	15
ISP1	Solar	20.8	20.59	20.59	-	-	GPSC (99%)	2017	20/2037
Solar Project	VSPP	39.5	39.5	39.5	-	-	GPSC (100%)	2014-15	2039/2040
NL1PC	Hydro	65	26	-	-	-	GPSC (40%)	2019	27/2044
Chonburi Clean Energy (CCE)	VSPP	8.6	2.87	-	-	-	GLOW (33%)	2019	20
Rayong WTE	VSPP	9.8	9.8	-	-	-	GPSC (100%)	2021	18/2039
Total VSPP and others		238	145	106	-	-			
ERU									
ERU	Cogen	250	250	-	175	-	GPSC (100%)	2023	25/2048
Total ERU		250	250	-	175	-			
Total capacity		8,012	5,026	4,338	2,876	7,372			



2019 Maintenance schedule: Sriracha and Rayong plants



2019 Maintenance schedule: IRPC-CP

Plant		2019						
	Unit	Q1 (A)	Q2 (F)	Q3 (F)	Q4 (F)			
IRPC-CP	Block 1							
	CTG 21	4:58 hr.	1	1	1			
	HRSG 21	4:58 hr.	1	1	1			
	CTG 22	0:59 hr.	1	1	1			
	HRSG 22	0:59 hr.	1	1	1			
	STG 23	0:59 hr.						
	Block 2							
	CTG 31	0:44 hr.	1	1	1			
	HRSG 31	0:44 hr.	1	1	1			
	CTG 32	12:23 hr.	1	6	1			
	HRSG 32	12:23 hr.	1	6	1			
	STG 33			3				
	Aux. Boiler		7					

Notes

YI Yearly Inspection

YI Yearly Inspection Aux Boiler

1 = 1 Day (24 hours)

3 = 3 Days (72 hours)

6 = 6 Days (144 hours)

7 = 7 Days (168 hours)



5 days

15 days

2019 Planned Maintenance Schedule of Main Units from Glow

	Planned Maintenance Duration (Days)									
Main Units	2017	2018	2019	2019 by quarter						
	2017			Q1	Q2	Q3	Q4			
GHECO-One	36	-	39	39						
GIPP: Unit 1	-	-	-							
GIPP: Unit 2	-	-	-							
CFB 1	38	27	5		5					
CFB 2	27	5	21		21					
CFB 3	7	26	45	5			40			
Phase 5	31	5	23				23			



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