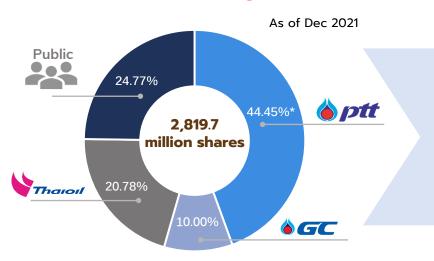




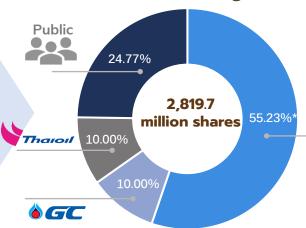
The power and smart energy flagship of PTT Group

"GPSC, The global leading innovative and sustainable power company, the core business is to generate and supply electricity and utilities to customers and also developing new S-Curve business to create value to stakeholders."

GPSC's shareholding structure



GPSC's shareholding structure after the restructuring transaction of PTT



PTT is under the process of regulatory work to purchase 10.78% of GPSC. from TOP.

After the Restructuring Transaction, PTT and SMH will own 55.23% and TOP will own 10.00% of GPSC's total paid-up capital.



COMPANY INFORMATION (as of Feb 28, 2022)

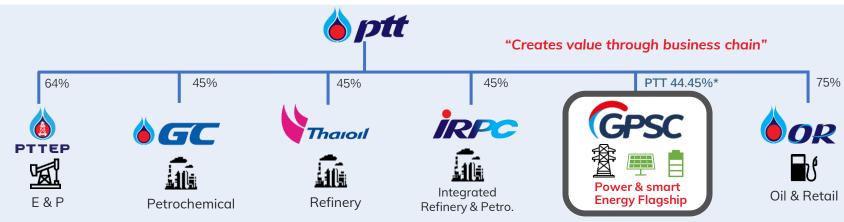
Business Type | Energy & Utilities listed on SET

Paid-up Capital | 28,197 MB

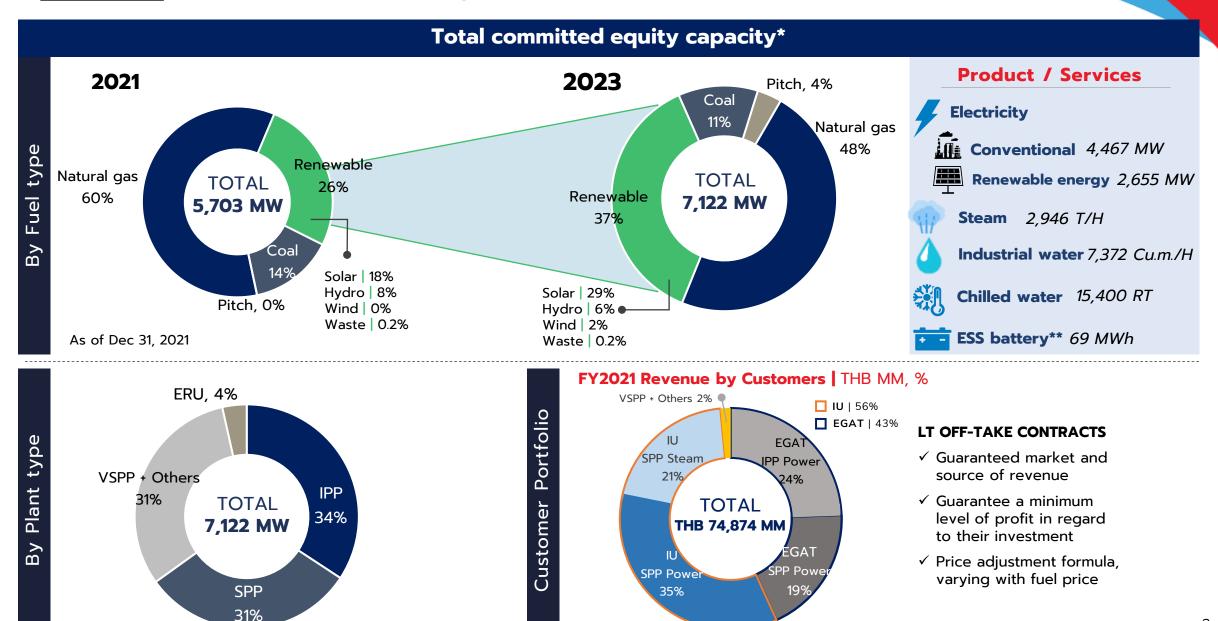
Market Cap. 211,480 MB (3rd in power sector)

*PTT stake includes 1.91% hold via SMH, a wholly-owned indirect subsidiary of PTT.

PTT Group's Business



GPSC | Current business portfolio



Note: * Total equity capacity includes Solar Power Platform (Avaada) 1,917 MW and Offshore wind farm (CFXD) 149 MW.

1. 2021 in Review & Going Forward

2. Financial Performance

3.

Update of Projects & Outlook



1. 2021 in Review & Going Forward

2. Financial Performance

3. Update of Projects & Outlook



2021 in Review | Operating Environment

Overcome Emerging Challenges



COVID-19 disrupted the Thai economy in the first half of 2021. But energy consumption have been recovering slightly throughout the year.



Coal and natural gas prices surge amid constrained supply as demand recovery continues.



Unplanned outages

- Glow Energy Phase 5
- GHECO-One

React & Enablers



Measures against COVID-19

- To ensure stability and continuity of supply to meet all customers' needs
- Set up G-COVID center
- Designate restricted area for production
- Set up a special operation team (Golden man)
- Work from home policy
- Limited COVID-19 impact



React to fluctuations of energy price

- Manage the dispatch by merit order for minimizing the cost of production
- Proactive hedging strategies identification to mitigate risks by Hedging Committee



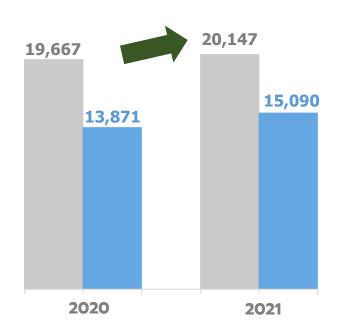
GPSC Group's network

- Manage the operation through the Group's network to serve customers' demands during the period
- Intensive root cause analysis for future prevention

2021 in Review | Financial Highlight

Higher power and steam sales volume led to higher revenue

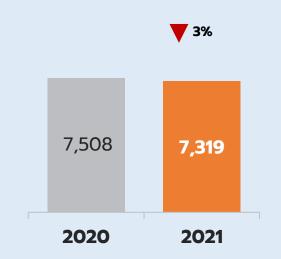




Higher electricity demand during Covid-19

- Power + 2%, IUs + 13%
- > Steam + 9%

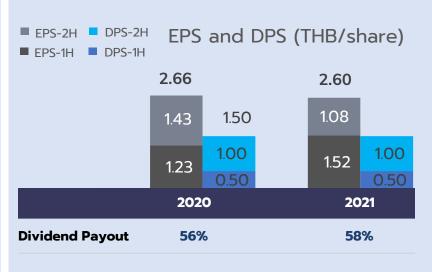
Slightly decrease in NI



Slightly decrease in Net Income

from higher fuel prices and unplanned outage even through strong performance of Affiliate and better synergy outcome





Strong Credit Profile

AA+



+ 2 notches

BBB-

A+(tha)

FitchRatings

stable

GPSC rating reflects the confident of our future growth and business direction.

- √ Stable Cash Flow Generation
- √ Strong linkages with the PTT
- ✓ Strategic role in PTT's group as GPSC play all in PTT's new future energy vision

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S1: Strengthen and Expand the Core

Recurring Synergy Value



As of 2021, the recognized synergy value was 1,633 MB (after-tax) from O&M, procurement and corporate functions.

2022 Target> 1,600 MB per year



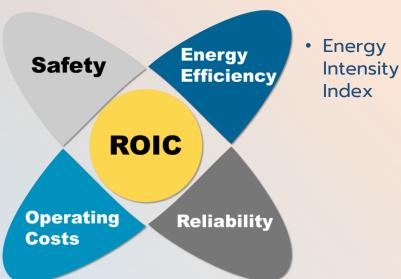
GLOW SPP has signed construction contract with JEL and TJEL (SCOD 2024)

cell of the stability of the stability of the network, serving energy demand of EGAT and IUs as well as being environmentally friendly.

Operation Excellence Management System

To drive "Operational Excellence" across all assets of GPSC

Total
 Recordable
 Injury Rate
 (TRIR)



- Lower operating cost/unit
- Higher operating margin
- Plant integrity review & management
- Replace critical equipment

2022 Target



Strengthening Zero TRIR & Zero Unplanned Shutdown program

Best in Class Target



To be Operational Best in Class by 2025



S2: Scale-Up Green Energy



Solar Projects in Taiwan

Sheng Yang Project

GPSC Holds | 45.00% of shares



Installed Capacity | 55.8 MW

Increased 25.11 MW equity capacity to our portfolio

Revenue recognition since May 28, 2021



Offshore Wind in Taiwan

Changfang Project and Xidao Project (CFXD)



GPSC Holds | 25.00% of shares



Installed Capacity | 595 MW

Increased 149 MW equity capacity to our portfolio

2022 Target : The transfer of shares will be completed before the end of the 2nd quarter of 2022.



Solar Power Platform in India

Avaada Energy Private Limited (AEPL)



GPSC Holds 41.60%* of shares

As of Dec 2021, AEPL has a total committed capacity of 4,608 MW

Increased 1,917 MW equity capacity to our portfolio

AEPL aims to expand its capacity up to 11,000 MW by 2025

2022 GPSC action plan for AEPL:

- Secure funding: Barclays provided loans for solar energy CAPEX plan of AEPL with GPSC's support in Feb-2022.
- Using AEPL investment platform to execute projects with target COD > 3,000 MW
- Dispatching staffs as the secondment to build expertise & keep monitoring performance to GPSC and to set up Liaison office of GRSC in 2H-2022

^{*} On January 18, 2022, GPSC has raised the equity injection amounting USD 25 million in AEPL and shareholding proportion was increased to 42.93%



S3: S-Curve and Batteries

SemiSolid Energy Storage Unit Production Plant



"G-Cell" Energy Storage Unit Production Plant with a total initial capacity of 30 MWh per year, the first in Southeast Asia that employs the SemiSolid technology

"VW acquires 25% stake in 24M technologies" shows that 24M SemiSolid manufacturing platform offers the potential to substantially reduce capital and operating costs to meet rising demand for EVs.

Investment in China



Investment in **Anhui Axxiva New Energy Technology Co., Ltd**.

- Holding 11.1% equity interest for a battery manufacturing plant with a 1 GWh p.a. production capacity
- Serving the electric vehicle market in China

⊘ Target to start of regular production in Q1/2023

GPSC & Chao Phraya Express Boat

Sign an MOU to Develop Thailand's first Prototype Boat Battery Pack





The establishment of NUOVO PLUS





GPSC & PTT have formed a joint venture in the battery supply chain to support electric vehicle (EV) production.

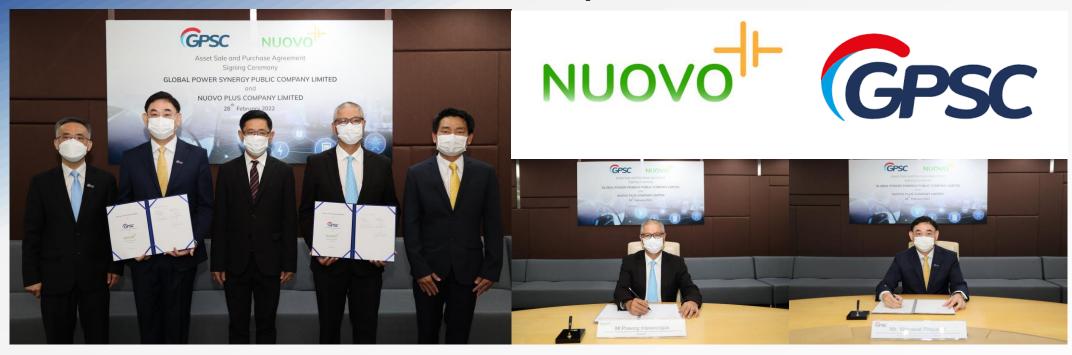
⊘ 2022 Target: Expect to study the possibility of and prepare for the battery business in 1H/2022

2021 in Review | 4S Corporate Strategy Progress

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S3: S-Curve and Batteries

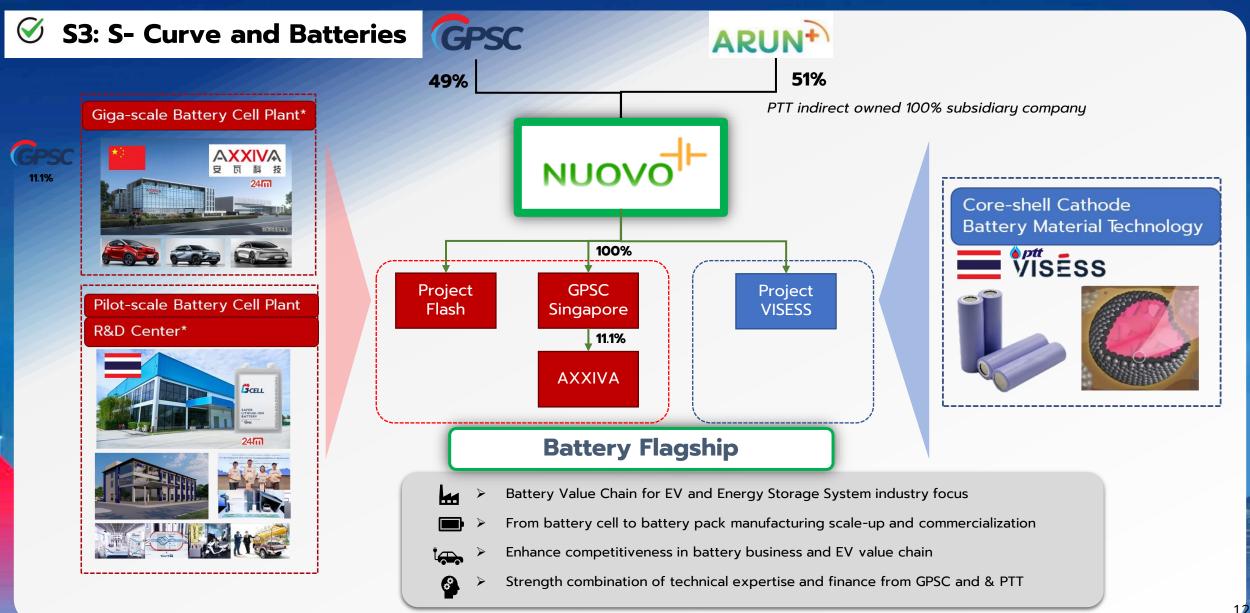
GPSC & PTT have formed a joint venture in the battery supply chain to support electric vehicle (EV) production.



On February 28, 2022, GPSC signed the agreement with NUOVO PLUS Company Limited to transfer assets involving production, education, research, and battery business development to NUOVO PLUS.

The asset transfer, valued at THB 2,428 million due to complete by April 2022, aims to support the growth of EV vehicle industry and energy storage system with purpose to produce 5-10 GWh per year in 2030.

2021 in Review 4S Corporate Strategy Progress



2021 in Review | 4S Corporate Strategy Progress





1. Digitalization:

Grid modernization and smart energy management

2. Decarbonization

RE50@50 + ESS, CCUS and Hydrogen

3. Decentralization

Smart microgrid & infrastructure development

4. De-regulation

Third Party Access, new price structure

5. Electrification

EV30@30 and Charging station

Thailand Smart Mobility 30@30 Plan 2019 – 2030

By 2030, 30% (~750,000 units) of total production will be Zero-emission EV (ZEV).

From 2035, only ZEV will be allowed to register as new vehicle.

Government's Package to boost EV Consumption

Business Buyer 2022-2023 2022-2023 Customs duty discount up Subsidy THB 70,000 for THB MM to 40% battery size under 30 kWh < 2 Subsidy THB 150,000 for 2022-2025 battery size over 30 kWh Excise tax cut to 2% from 8% 2022-2025 THB MM Customs duty discount up to none 2-7 20% for battery over 30 kWh Excise tax cut to 2% from 8% 2022-2025 2022-2025 ГНВ ММ Excise tax cut to 0% Subsidy THB 150,000 for < 2* battery size over 30 kWh 2022-2025 THB MM none • Subsidy THB 18,000 < 0.15

- EV
- CKD (Completely Knocked Down): Domestic manufacture with domestic or imported parts
- > CBU (Completely Built Up)** : Imported finished car from abroad
- * The package covers domestic manufactured truck (CKD) only
- ** Under the incentive conditions, applicants shall produce 1-car or 1.5-car in Thailand offset CBU imported by 2024 or 2025, respectively.

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S4: Shift to Customer-Centric Solutions

"EECi Project: Smart City for Innovation Development"

















The Solar Orchestra Project

Energy management services to provide all-round energy support

All-in-one Package to Support Solar Roof Manufacturing and Carbon Reduction

SOLAR ORCHESTRA

100%

Project Finance





2022 Target : The project's solar capacity including the Solar Orchestra Project is expected to reach beyond 30MW



To Grasp Opportunities in Wheeling Charges Program

Partners up with electrify to develop and implement energy trading platform

- Closely monitoring legal and regulatory framework for bilateral trade
- Studying Technical standards codes or guidelines in the areas of Barriers Planning and Design, System Operation and Maintenance

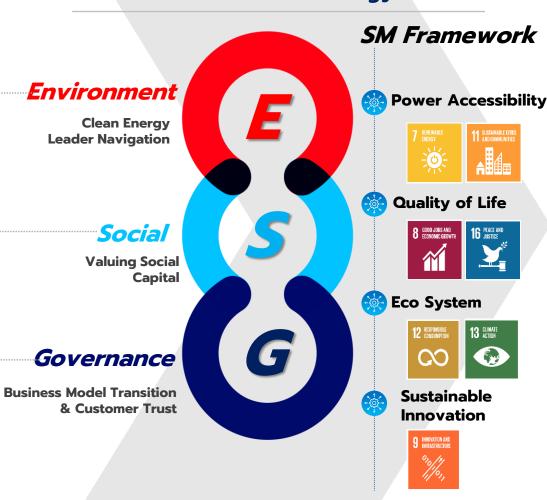
GPSC continually develops Smart Energy Solutions to support Thailand's 4D1E policy

GPSC | Net Zero Ambition

Sustainability Strategy 2022-2025 Key Initiatives

- Green financing for clean portfolio growth
- Climate emergency/Climate resiliency
- · Reforestation strategy
- No Net Biodiversity Loss program
- Water Security Program
- Social values delivery through CSR priorities,
- SDG contributions and community engagement
- Group-wide intensive human rights due-diligence
- People Centric Solutions
- Operational Excellence
- Reinforcing Customer Engagement Program
- Mobilizing new energy market
- Strengthening innovation
- Enhancing sustainable supply chain
- Securing Information and IT infrastructure
- Maintaining good corporate governance

Long Term Values Creation Innovative & Sustainable Energy



Value Creation Key Deliverables



Delivering low carbon energy to customers



Creating shared values to all stakeholders



Doubling growth through business diversification, S-curve products & customer centric solutions

NET ZERO TARGET

Carbon intensity reduction

10% by 2025

35% by 2030

ESG | Sustainability Initiatives to Achieve SDGs and Objectives

Power Accessibility



Enhance stability of access

Smart Energy Management







- Clean Energy Generation
- Flexibility Distributed Generation
- No Clean Energy Shedding

Sustainable Innovation



Sustainable Innovation for the corporation **GPSC Young Social Innovator**





PTT Group SMART Farming by GPSC (Restart Thailand)

- ·Basic training in agriculture and technology
- Smart farming technology installation and business plan creation

SM Framework



Quality of Life



Empower better living

Light for Better Life Project

- Solar Rooftop System to schools in Rayong
- •Solar Rooftop System to Koh Sichang Hospital
- •Solar Rooftop System to Thanyarak Hospital in Mae Hong Son



ECO system



Eco-system of driving clean energy

Sourcing Sustainable Materials

- Sustainable Procurement and Supplier Management
- GPSC Group sustainable way in operations

Operating Low Carbon Utilities & Green Products

Products

- Low carbon products
- Renewable energy
- Smart grids
- Stationary/ Mobility battery ESS
- •EPC Contractor for Solar Rooftop, Solar Floating installation and Energy Management such as "Solar Orchestra"

2021 in Review Awards of Achievements



Rising Star Sustainability Awards

By the Stock Exchange of Thailand (SET) and Money & Banking magazine



CGR rating of "Excellent" (5 stars) for the 6th consecutive year by the Thai Institute of Directors (IOD)



GPSC has earned the Bronze Class distinction for Electric Utilities industry in the S&P Global Sustainability Yearbook 2022*, marking the company's success in the Dow Jones Sustainability Indices (DJSI) assessment for the second year running, solidifying its position as a world-class leader in sustainable energy innovation.

*The Sustainability Yearbook 2022 is based on 2021 Corporate Sustainability Assessment.

Core Business Growth

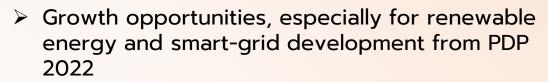


GPSC total electricity sale growth +7% YoY and Steam +2% YoY

Electricity and steam consumption will see continuing growth as demand expected to rise in line with gradual economic recovery during the COVID-19 pandemic

2022 Additional MW Growth

> 500 MW



- Combining expertise and financial capabilities through Nuovo Plus and creating joint investment opportunities in battery business and EV value chain
- AEPL investment platform (Implementation phase) and beyond
- Opportunities in collaboration in focus countries

1. 2021 in Review & Going Forward

2. Financial Performance

3. Update of Projects & Outlook



FY2021 | Highlight

Events & Highlights



Higher demand from industrial customers due to limited COVID-19 impact



Better synergy outcome

mainly from operation and maintenance – power and steam network integration, commercial activities, procurement and maintenance management.



Affiliate strong performance mainly from XPCL



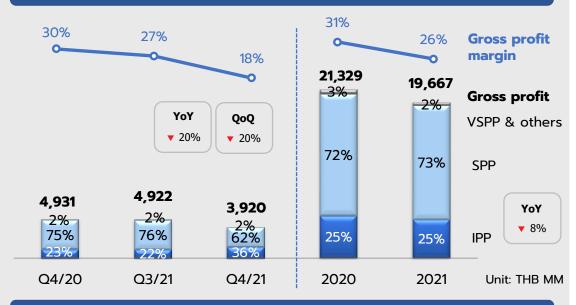
Higher fuel cost from upward trend of natural gas & coal price

Unplanned outages

- GHECO-One's unplanned outage 28 days (30 Aug 27 Sep 2021)
- Loss mitigation by selling coal to SPP3, which has been realized the benefit in Q4/2021
- GLOW Energy Phase 5's unplanned outage since 14 Aug 2021
- GLOW Energy Phase 5's unplanned outage during 4 Jun 18
 Oct 2020 and 6 Dec 2020 1 Apr 2021

FY2021 & Q4/2021 Performance

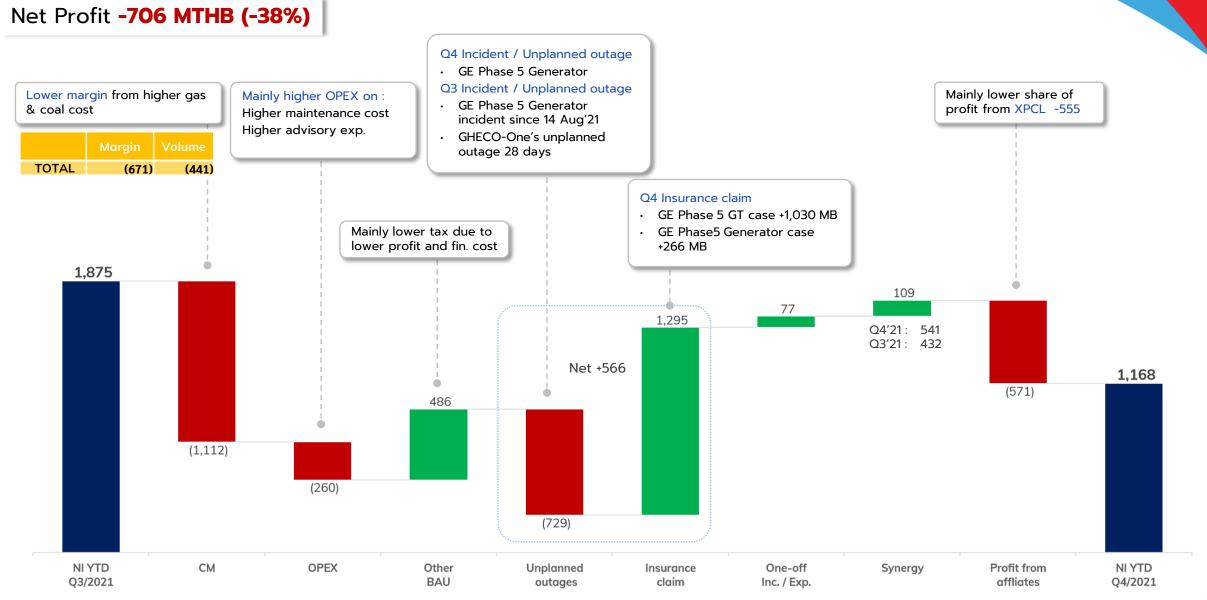




Net Income

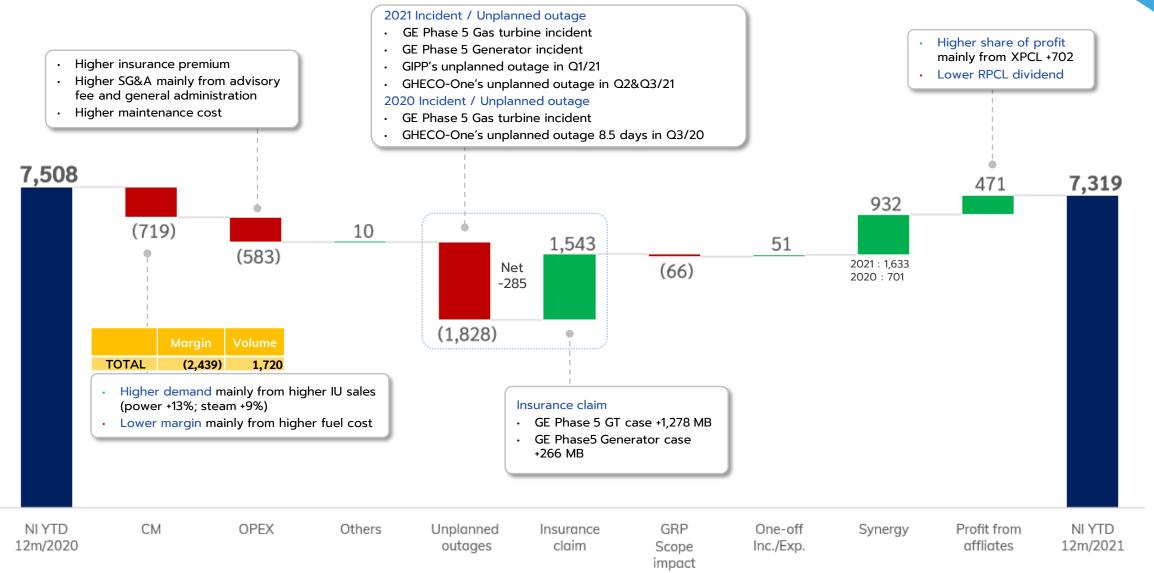


Q4/2021 vs Q3/2021 (QoQ) Net Profit



FY2021 vs FY2020 (YoY) Net Profit

Net Profit -189 MTHB (-3%)



1. 2021 in Review & Going Forward

2. Financial Performance

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Update of Projects & Outlook



GPSC | Update of Projects

Energy Recovery Unit (ERU)





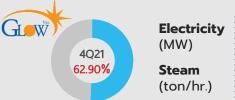
Electricity (MW)	250
Steam (ton/hr.)	175

Project updates:

Engineering design work almost done. Procurement of steam turbine and electricity generator 1 and 2 are done, while the procurement of boiler 1, 2, and 3 including condenser of SNOX system are in progress. The construction of foundation and equipment work for Boilers, Pitch Solidification, Electrostatic precipitator, and Cooling Tower are in progress. Overall, the project has reached 75.45%.

SPP Replacement - Stage 1 | Glow Energy Phase 2





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V)		
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300

Project updates:

The engineering design work, procurement and construction progress has reached 62.9% and the project is on the process of installing machine, notably HRSG, Piperack, Gas Metering Station and foundation work for Gas Turbine which are on schedule

^{*} Commercial Operation Date (COD) as planned; however, the COD may be impacted by the COVID-19 pandemic in which the Company will notify once this matter is concluded.

GPSC | Update of Projects

AEPL: Solar Power Platform in India





Contracted Capacity 4,608 MW

GPSC Hold
41.6% *of shares

Project	MW	COD
Operating (23 projects)	2,205	As of Q4/2021
Under construction (13 projects)	2,403	2022 - 2023

CFXD: Offshore Wind Power Plant in Taiwan





Contracted Capacity
595 MW

GPSC Hold
25% of shares

Project updates:

The project is under construction and expected to COD in 2024

^{*} On January 18, 2022, GPSC has raised the equity injection amounting USD 25 million in AEPL and shareholding proportion was increased to 42.93%

GPSC | 2022 Operating Outlook

Operating outlook



Glow Energy Phase 5 resume normal operation

- GLOW Energy Phase 5 Power Plant is expected to resume normal operation in March 2022
- Insurance claim is ongoing



Improving Operation Excellence Management System

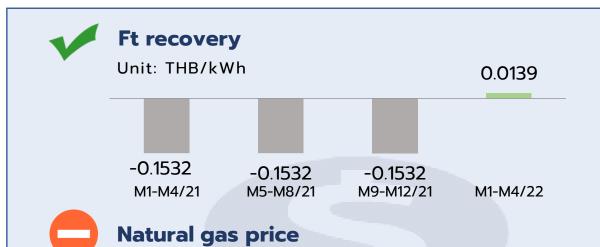
Improve reliability & efficiency to maintain industrial customers' demand



The opportunities with new PDP & national EV policy

There are room for GPSC to support in closing the PDP gap and EV demand during energy transition period





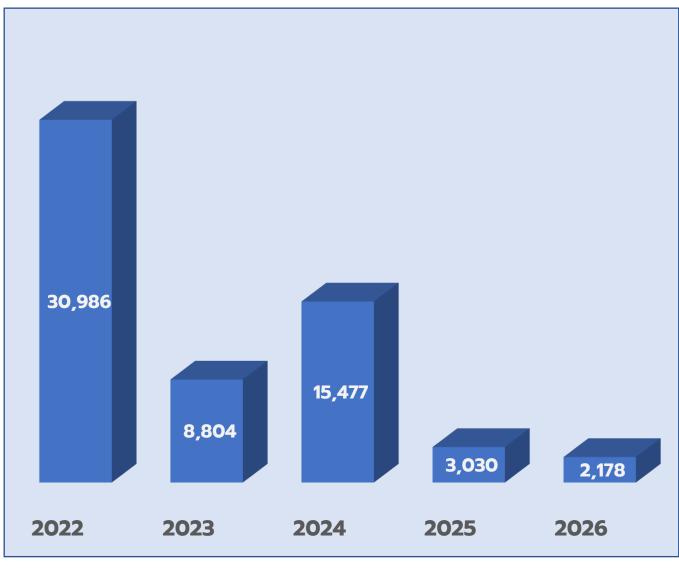
➤ Natural gas price is forecasted to remain high in 1H/2022 in the same direction with crude oil with lag time of 6 – 12 months



Coal price is expected to peak in 1H/2022 and to decline in 2H/2022

GPSC | CAPEX in the next 5 years

Committed CAPEX in the next 5 years (2022-2026) ~ 60,000 MB



GPSC's Committed CAPEX in the next 5 years is aligned with the 4S Strategy

- CAPEX in 2022 mainly from core business and offshore wind project in Taiwan
- GPSC manages its core business with OpEx and Synergy programs, while also balances new investments for well-diversified portfolio
- A huge investment has been put into AEPL in 2021
- Battery and new S-Curve businesses are non-capital-intensive in the initial stage

Q&A SESSION

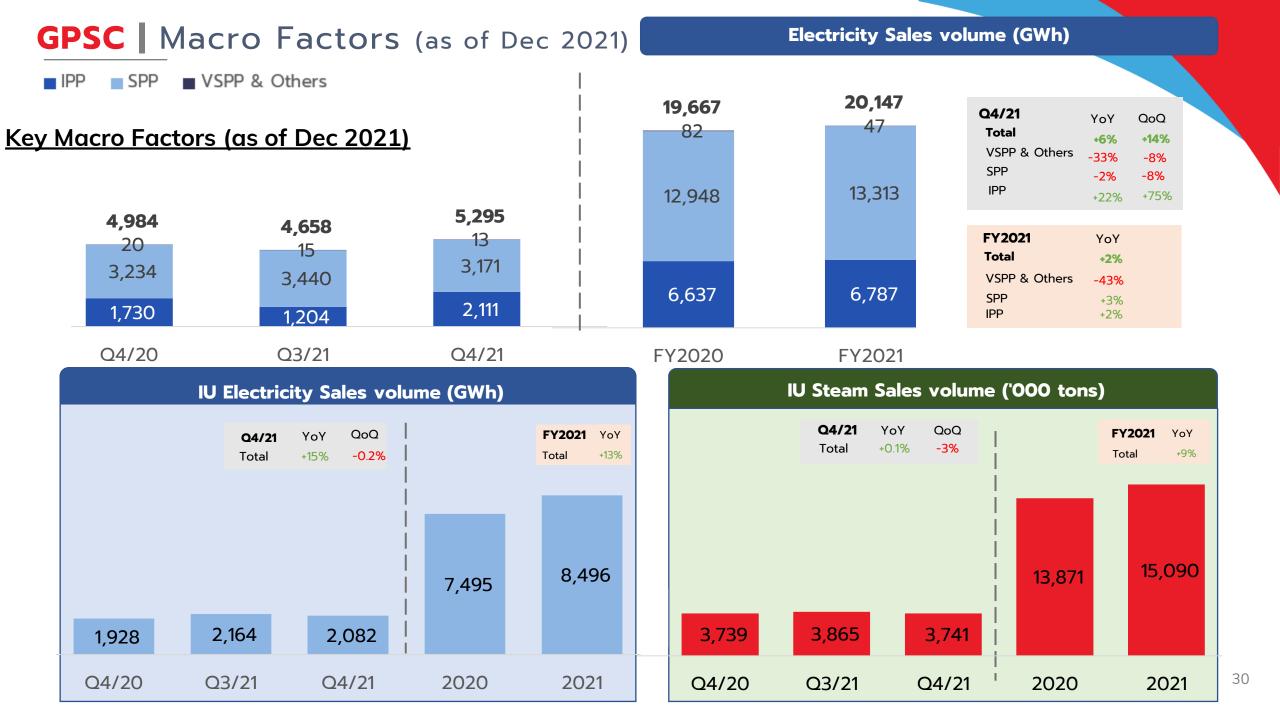
IR Contact:

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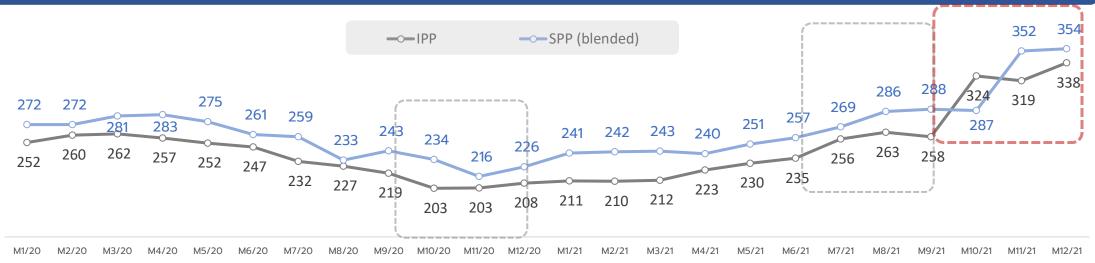


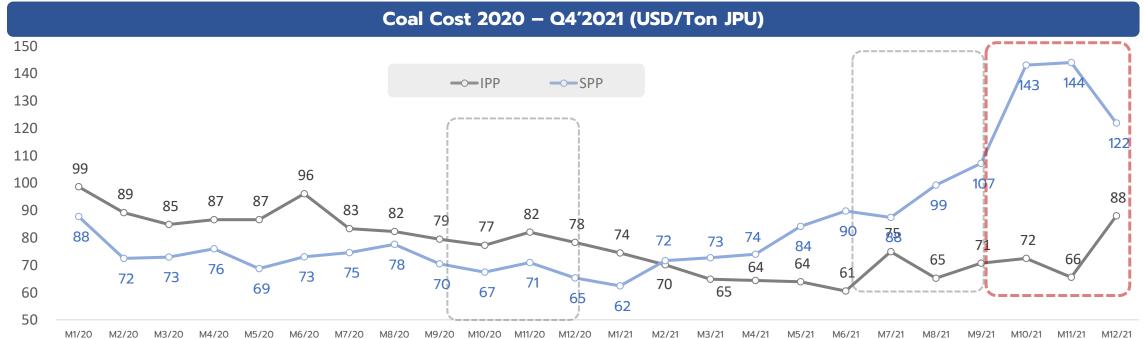
Appendix



GPSC | Macro Factors (as of Dec 2021)





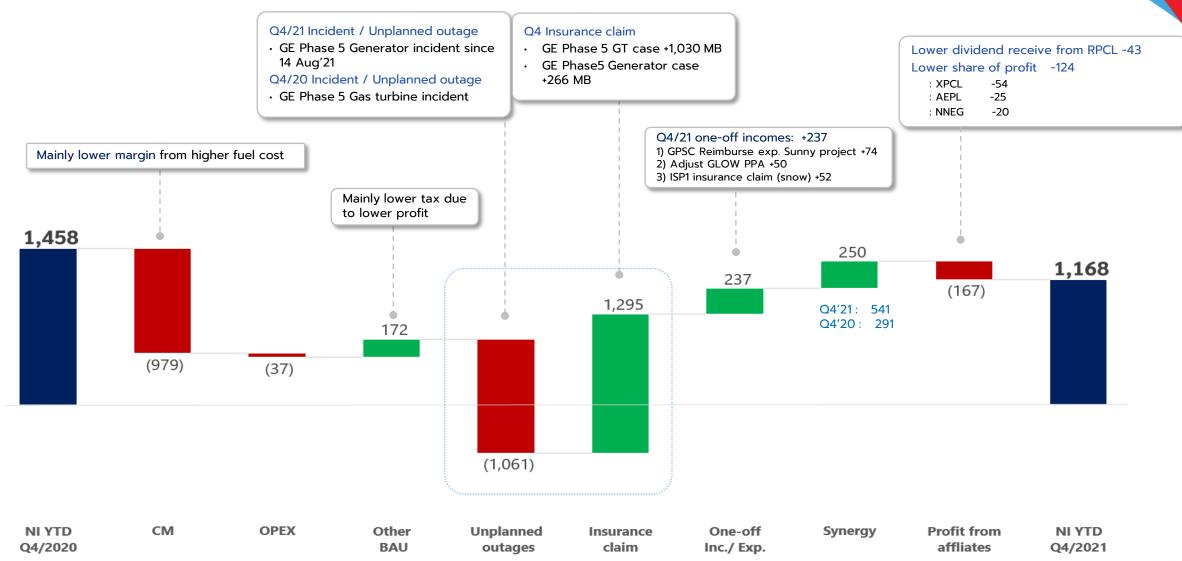


GPSC | Operating Results

Overall operating results of the Company and its subsidiaries	Q4/20	Q3/21	Q4/21	change +/(-)		2020	2021	change +/(-)	
(unit: THB million)				YoY	QoQ			YoY	
Operating revenue	16,532	17,997	22,019	33%	22%	69,578	74,873	8%	
Cost of sales (excluding depreciation and amortization)	(11,601)	(13,075)	(18,098)	56%	38%	(48,249)	(55,206)	14%	
Gross profit	4,931	4,922	3,920	(20%)	(20%)	21,329	19,667	(8%)	
Selling and administrative expenses	(528)	(431)	(582)	10%	35%	(1,790)	(1,963)	10%	
Other operating income	5	5	5	2%	0%	20	20	0%	
EBITDA	4,409	4,496	3,343	(24%)	(26%)	19,559	17,724	(9%)	
Depreciation and amortization	(2,046)	(2,205)	(2,200)	8%	(0.2%)	(8,287)	(8,630)	4%	
EBIT	2,362	2,291	1,143	(52%)	(50%)	11,272	9,093	(19%)	
Finance costs	(965)	(998)	(901)	(7%)	(10%)	(4,024)	(3,860)	(4%)	
Other non-operating income and expenses	133	262	1,063	699%	306%	915	2,100	130%	
Dividend received and shares of profit of associates and joint ventures	367	772	201	(45%)	(74%)	1,320	1,792	36%	
Income tax expenses	(141)	(295)	(97)	(31%)	(67%)	(992)	(1,192)	20%	
Profit before FX and extraordinary items	1,757	2,033	1,409	(20%)	(31%)	8,491	7,934	(7%)	
Net foreign exchange gain (loss)	12	(95)	68	466%	(172%)	(1)	(93)	9,221%	
Net profit	1,769	1,938	1,477	(17%)	(24%)	8,490	7,841	(8%)	
Non-controlling interests	(311)	(63)	(309)	(1%)	391%	(982)	(522)	(47%)	
Net profit for the Company	1,458	1,875	1,168	(20%)	(38%)	7,508	7,319	(3%)	
Adjusted Net Income ¹	1,813	2,256	1,571	(13%)	(30%)	8,962	8,907	(1%)	
Gross profit margin (%)	30%	27%	18%	(12%)	(10%)	31%	26%	(5%)	
Net profit margin (%)	9%	10%	5%	(4%)	(5%)	11%	10%	(1%)	
Adjusted Net Income margin (%)	11%	13%	7%	(4%)	(5%)	13%	12%	(1%)	

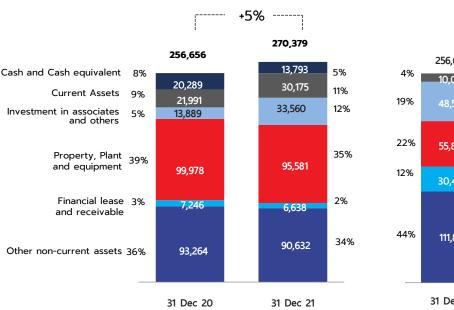
Q4/2021 vs Q4/2021 (YoY) Net Profit

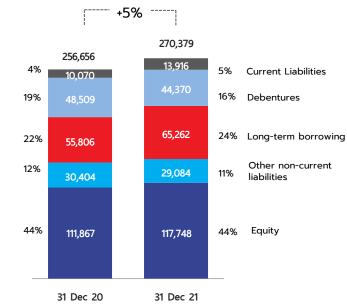
Net Profit **-290 MB (-20%)**



GPSC FY2021 Financial Position

Summary of Financial Position





Total asset +13,723 MTHB

• Cash and cash equivalents -6,496

 Investment in associates and others, mainly AEPL, GRP and Axxiva

+19,672

• PPE

-4,397

Other assets

-4,944

Total Liabilities +7,843 MTHB

• Long-term loan and debenture +5,317

• Current liabilities +3.846

• Other liabilities: -1,320

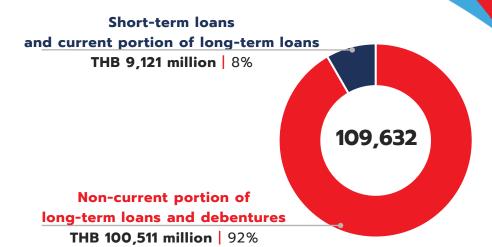
Total Equity +5,880 MTHB

• NI for the period +7,840

• Dividend payment -4,534

• Other comprehensive income +2,574

Total Interest-Bearing Debt (THB million)



CREDIT RATINGS

AA+



A+(tha) BBB-



Power Development Plan | PDP

Summary of Thailand Power Development Plan: PDP 2018 Rev.1 VS New PDP

10-Ye	ar Plan: 2021-2030	New Power Gen	eration	Unit: MW	
Foss	sil fuels	PDP2018 Rev.1	New PDP	Change	
ÍÍ	Gas-Fired Power Plant	5,550	4,850	-700	
..	Coal-Fired Power Plant	600	600	0	
	<u>Total</u>	<u>6,150</u>	<u>5,450</u>	<u>-700</u>	
Rene	ewable energy				\
	Import Hydro	1,400	2,766	+1,366	
	Solar Power	5,194	4,455	-739	
	Wind Power	270	1,500	+1,230	
	Biomass	1,120	485	-635	١,
	Biogas	783	335	-448	′
	Waste	400	600	+200	
00000	Small Hydro	26	52	+26	
	<u>Total</u>	<u>9,193</u>	10,193	<u>+1,000</u>)
	Total	<u>15,343</u>	<u>15,643</u>	+300	

To reduce the proportion of electricity purchases from fossil fuels during the next 10 years (2021-2030)

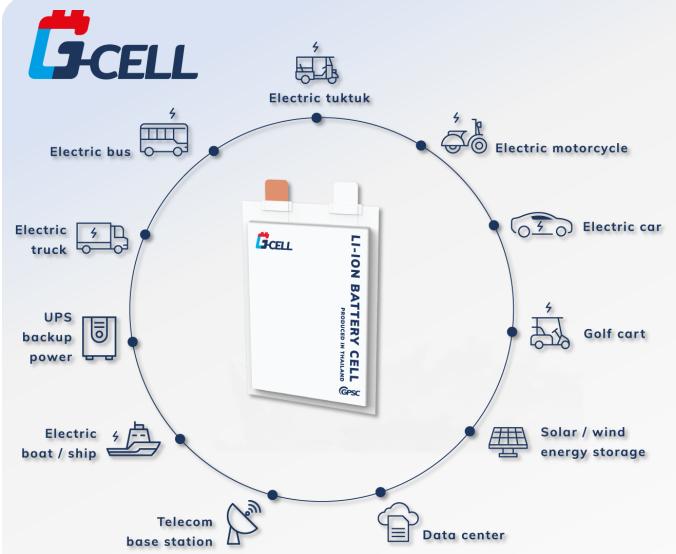
To reduce environmental and social impacts by lessening carbon dioxide intensity of power generation.

- Renewable energy will be encouraged according to the AEDP.
- Investments in transmission and distribution system will accommodate renewable energy and smart-grid development.

Next Step: Under the new PDP2022, Renewable target for 2036 to be raised from 30% to 50%

There are room for GPSC to support in closing the gap between PDP2018 Rev.1 and New PDP

S-curve & Batteries | G-Cell Target Application





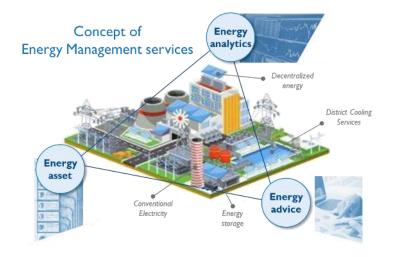
E-Mobility

Developing battery ecosystem and continuing adding value to Thailand Industrial

Energy Storage
SemiSolid Batteries
enable efficient use
of power from
renewable energy

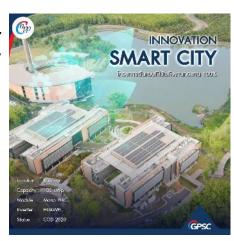


CHPP's decentralized energy services



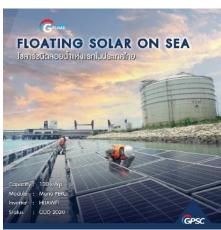
GPSC emphasizes the customercentric solutions though CHPP's decentralized energy services

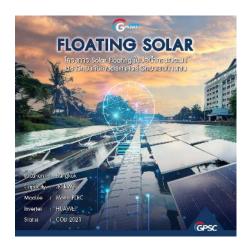
- Distributed generation
- District cooling
- Energy Management services
 - Energy Asset
 - Energy Advice
 - Energy Analytics

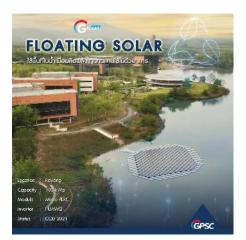












GPSC | Power Plant Portfolio (1/2)

Name	Туре	Shareholding (%)	Total capacity (MW)	Equity Power capacity (MW)	Equity Operating Power capacity (MW)	Steam (T/H)	Industrial water (Cu.m/H)	COD	Tenor
IPP					(,				
Sriracha	IPP	GPSC (100%)	700	700	700	-	80	2000	25
Glow IPP	IPP	GLOW (95%)	713	677	677	-	-	2003	25
Huay Ho	IPP	GLOW (67%)	152	102	102	-	-	1999	30
GHECO-One	IPP	GLOW (65%)	660	429	429	-	-	2012	25
XPCL	IPP	GPSC (25%)	1285	321	321	-	-	2019	29
RPCL	IPP	GPSC (15%)	1400	210	210	-	-	2008	25
Total IPP			4,910	2,439	2,439	-	80		
SPP									
CUP-1	SPP	GPSC (100%)	226	226	226	890	720	2006	10-15
CUP-2	SPP	GPSC (100%)	113	113	113	170	510	2008	15
CUP-3	SPP	GPSC (100%)	-	-	-	280	770	2009	15
Rayong Expansion (CUP-3)	SPP	GPSC (100%)	15	15	15	-	-	2019	n/a
CUP-4	SPP	GPSC (100%)	49	49	49	140	-	2019	Long-term
Glow Energy Phase 1	SPP	GLOW (100%)	-	-	-	250	1,340	1994	-
Glow Energy Phase 2	SPP	GLOW (100%)	281	281	281	300	1,180	1996	(extension)
Glow Energy Phase 4	SPP	GLOW (100%)	77	77	77	137	2,050	2005	25
Glow Energy Phase 5	SPP	GLOW (100%)	328	328	328	160	-	2011	10-20
Glow SPP 2/ GLOW SPP 3	SPP	GLOW (100%)	513	513	513	190	150	1999	25
Glow SPP 11 Phase 1	SPP	GLOW (100%)	120	120	120	-	360	2000	25
Glow SPP 11 Phase 3	SPP	GLOW (100%)	42	42	42	-	-	2006	10-20
Glow SPP 11 Phase 2	SPP	GLOW (100%)	110	110	110	-	212	2012	25
Glow Energy CFB 3	SPP	GLOW (100%)	85	85	85	79	-	2010	10-20
IRPC-CP Phase 1	SPP	GPSC (51%)	45	23	23	86.7	-	2015	25-27
IRPC-CP Phase 2	SPP	GPSC (51%)	195	99.4	99.4	66.3	-	2017	25
NNEG	SPP	GPSC (30%)	125	38	38	9	-	2016	25
NNEG Expansion	SPP	GPSC (30%)	60	18	18	3	-	2020	21
BIC-1	SPP	GPSC (25%)	117	29.25	29.25	5	-	2013	25
BIC-2	SPP	GPSC (25%)	117	29.25	29.25	5	-	2017	25
Total SPP			2,618	2,196	2,196	2,771	7,292		

GPSC | Power Plant Portfolio (2/2)

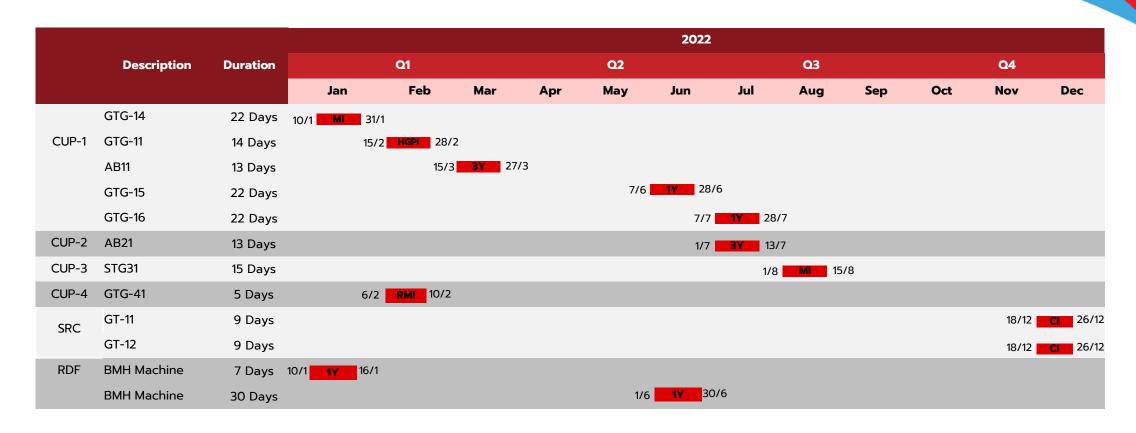
Name	Туре	Shareholding (%)	Total capacity (MW)	Equity Power capacity (MW)	Equity Operating Power capacity (MW)	Steam (T/H)	Industrial water (Cu.m/H)	COD	Tenor
VSPP and others									
Rayong WTE	VSPP	GPSC (100%)	9.8	9.8	9.8	-	-	2021	18
Glow Energy Solar Plant	VSPP	GLOW (100%)	1.55	1.55	1.55	-	-	2012	25
CHPP	VSPP	GPSC (100%)	5	5	5	-	-	2008	30
CHPP (Solar)	VSPP	GPSC (100%)	5	5	5	-	-	2016	25
ISP1	Solar	GPSC (99%)	20.8	20.59	20.59	-	-	2017	20
GRP (NPS, WXA, PPS)	VSPP	GPSC (50%)	39.5	19.75	19.75	-	-	2014-15	25
GRP1 (Sheng Yang)	Solar	GPSC (45%)	55.8	25.11	25.11	-	-	2016-21	20
AEPL (Solar Power Platform)	Solar	GPSC (41.6%)	4,608	1,917	917			2018-23	10-25
TSR (SSE1)	VSPP	GPSC (40%)	80	32	32	-	-	2013	25
NL1PC	Hydro	GPSC (40%)	65	26	26	-	-	2019	24
Chonburi Clean Energy (CCE)	VSPP	GLOW (33%)	8.6	2.87	2.87	-	-	2019	20
CFXD (Offshore wind farm) (Under closing process)	Wind	GPSC (25%)	595	149	-	-	-	2022-24	20
Private PPA	Solar	GPSC Gr. (100%)	23.40	23.40	2.99			2018-22	Long-term
Total VSPP and others			5,518	2,237	1,068	-	-		
ERU									
ERU (under construction)	Cogen	GPSC (100%)	250	250	-	175	-	2023	25
	Total ERU		250	250	-	175	-		
Total capacity			13,296	7,122	5,703	2.946	7,372		

Note: - Total committed equity capacity as of December 31, 2021.

⁻ Equity capacity includes 100% stake in GLOW, CFXD, Private PPA and ERU

⁻ On January 18, 2022, GPSC has raised the equity injection amounting USD 25 million in AEPL and shareholding proportion was increased to 42.93%

2022 Maintenance Schedule | Sriracha and Rayong Plants



Notes: Rayong Site	Notes: Sriracha Site
GTG HGPI Hot Gas Path Inspection for Gas Turbine MI Major Inspection for Gas Turbine STG Minor Minor Inspection for Steam Turbine 1MO 2nd Major Overhaul for Steam Turbine 2MO 3nd Major Overhaul for Steam Turbine 2MO 3nd Major Overhaul for Steam Turbine 3MO 3nd Major Overhaul for Ste	

2022 Maintenance Schedule IRPC-CP

A CTG/HRSG Inspection Level A

5/7 days

Mata									21					
Main Unit	Description	Duration		Q 1			Q2			Q3			Q4	
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Block 1														
CTG 21	А	7 Days				7								
HRSG 21	ΥI	7 Days				7								
CTG 22	Α	7 Days				7								
HRSG 22	YI	7 Days				7								
STG 23	ΥI	5 Days				5								
Block 2														
CTG 31	А	7 Days					7							
HRSG 31	YI	7 Days				Ī	7							
CTG 32	Α	7 Days							7					
HRSG 32	YI	7 Days							7					
STG 33	YI	5 Days							5					
Aux. Boiler	YI	7 Days						7						
Notes:	pection Aux Boiler	7 days												

11

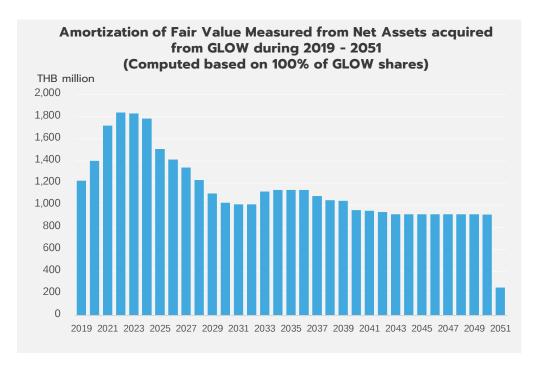
2022 Maintenance Schedule | GLOW's Main Units



Fair Value Measurement of Net Assets from Acquisition of Glow

unit: THB million

		unit.	TID IIIIIIOIT
Items	Book Value of GLOW	Fair Value of GLOW	Differential Value
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 follows:

- 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.



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