

**Sembcorp Industries Ltd**

CO REGN NO 199802418D  
 30 Hill Street #05-04  
 Singapore 179360  
 Tel (65) 6723 3113  
 Fax (65) 6822 3254  
 www.sembcorp.com

**SEMBCORP INDUSTRIES 1H2023 UNAUDITED OPERATIONAL DATA**

**Singapore, August 4, 2023** – This announcement sets out the unaudited operational data for Sembcorp Industries (Sembcorp) for the six months ended June 30, 2023.

**SUSTAINABLE SOLUTIONS - RENEWABLES**
**Table 1: Renewable Power Generation Assets**

	Stake (%)	Gross Installed Capacity (MW / MWh)	Attributable Installed Capacity (MW / MWh)	Electricity Generated (GWh)	
	(As at Jun 30, 2023)			1H23	1H22
<b>Solar</b>					
<b>Singapore</b>					
Sembcorp Solar Singapore	100	295	295	201	161
<b>Vietnam</b>					
Sembcorp Solar Vietnam	100	43	43	29	21
BCG GAIA	49	106	52	101	NA
Vietnam-Singapore Smart Energy Solutions	54	47	25	28	3
<b>China</b>					
Beijing Energy Sembcorp	49	795	390	571 <sup>1</sup>	-
SDIC New Energy	35	238	83 <sup>2</sup>	202	130
Shanghai Cao Jing	30	2	1	1	NA
Sembcorp Huiyang New Energy (Shenzhen) (HYNE)	98	240	154 <sup>2</sup>	187	31
SPIC Sembcorp Wuyi Renewable	49	1	1	1	NA
Sembcorp NCIP Water Co	95	4	4	-	NA
Xingling New Energy	45	240	109	137	NA
<b>India</b>					
Sembcorp Green Infra	100	591	575 <sup>2</sup>	587	31
<b>Wind</b>					
<b>China</b>					
Guohua Sembcorp	49	725	355	893	844
SDIC New Energy	35	1,880	632 <sup>2</sup>	2,156	1,732
HYNE	98	418	409 <sup>2</sup>	666	92
Xingling New Energy	45	652	299	678	NA
<b>India</b>					
Sembcorp Green Infra	100	1,742	1,669 <sup>2</sup>	1,870	1,983
<b>Energy Storage<sup>3</sup></b>					
<b>UK</b>					
Flexible Generation Assets - Batteries	100	120	120	NA	NA
<b>Singapore</b>					
Sembcorp Cogen - Batteries	100	289	289	NA	NA
<b>China</b>					
Xingling New Energy – Batteries	45	200	91	NA	NA
<b>TOTAL</b>		<b>8,628</b>	<b>5,596</b>		

<sup>1</sup> The acquisition of Beijing Energy Sembcorp was completed in March 2023. The reported electricity generated for 1H23 covers the period from March 2023 to June 2023

<sup>2</sup> SDIC New Energy, HYNE and Sembcorp Green Infra operate renewable power projects through various entities, held by the company, which may not be wholly-owned

<sup>3</sup> Energy storage capacity is presented in MWh (Megawatt hour)

**Table 2: Renewable Power Generation Assets (Capacity under Development)**

As at Jun 30, 2023	Stake (%)	Gross Capacity under Development (MW / MWh)	Estimated Completion Date
<b>Solar</b>			
<b>Singapore</b>			
Sembcorp Solar Singapore	100	102	2023
Sembcorp Solar Singapore	100	62	2024
<b>Vietnam</b>			
Vietnam-Singapore Smart Energy Solutions	54	10	2023
<b>Indonesia</b>			
PT Sembcorp Energy Indonesia	100	3	2023
<b>China</b>			
SDIC New Energy	35	50	2023
SDIC New Energy	35	750	2024
State Power Investment Corporation Sembcorp Wuyi Renewable	49	60	2023
<b>India</b>			
Sembcorp Green Infra	74	85	2023
Sembcorp Green Infra	100	400	2024
Sembcorp Green Infra	100	64	<sup>1</sup>
<b>Oman</b>			
Sembcorp Jinko Shine	80	500	2024
<b>Wind</b>			
<b>China</b>			
SDIC New Energy	35	650	2024
<b>India</b>			
Sembcorp Green Infra	72	4	2023-2024
Sembcorp Green Infra	74	30	2023-2024
Sembcorp Green Infra	100	230	2024
<b>Energy Storage<sup>2</sup></b>			
<b>UK</b>			
Wilton - Batteries	100	300	2024
<b>TOTAL</b>		<b>3,300</b>	

<sup>1</sup> Timeline of project to be confirmed

<sup>2</sup> Energy storage capacity is presented in MWh (Megawatt hour)

## SUSTAINABLE SOLUTIONS - INTEGRATED URBAN SOLUTIONS

**Table 3: Urban Land Sales and Net Orderbook**

ha	Industrial & Business	Commercial & Residential	Total	Industrial & Business	Commercial & Residential	Total
<b>Land Sales</b>						
	<b>1H23</b>			<b>1H22</b>		
Vietnam	22	2	<b>24</b>	18	19	<b>37</b>
China	*	4	<b>5</b>	2	-	<b>2</b>
Indonesia	56	-	<b>56</b>	3	-	<b>3</b>
<b>TOTAL</b>	<b>78</b>	<b>6</b>	<b>85</b>	<b>23</b>	<b>19</b>	<b>42</b>
<b>Net Orderbook</b>						
	<b>(As at Jun 30, 2023)</b>			<b>(As at Jun 30, 2022)</b>		
Vietnam	178	78	<b>256</b>	166	95	<b>261</b>
China	-	-	-	-	-	-
Indonesia	36	-	<b>36</b>	27	-	<b>27</b>
<b>TOTAL</b>	<b>214</b>	<b>78</b>	<b>292</b>	<b>193</b>	<b>95</b>	<b>288</b>

\* Denotes less than 1ha

## CONVENTIONAL ENERGY

**Table 4: Conventional Energy – Power Generation Assets with Long-term Agreements**

	Stake (%)	Gross Installed Capacity (MW)	Contracted Capacity (MW)	Plant Availability Factor (%)		Tenure	Customer (s)
	<b>As at Jun 30, 2023</b>			<b>1H23</b>	<b>1H22</b>		
<b>Southeast Asia</b>							
Myingyan IPP, Myanmar	100	231	225	96	100	2018 - 2040	Electric Power Generation Enterprise
Phu My 3, Vietnam	67	748 <sup>1</sup>	717	96	73	2001 - 2024	Electricity of Vietnam
<b>South Asia</b>							
Sirajganj Unit 4, Bangladesh	71	440	414	96	85	2016 - 2041	Bangladesh Power Development Board
<b>UK and the Middle East</b>							
Flexible Generation Assets (excluding energy storage) <sup>2,3</sup> , UK	100	684	553	NA	NA	Various tenures between 2010 and 2034	Low Carbon Contracts Company of National Grid ESO
Salalah IWPP, Oman	40	518	445	93	93	2009 - 2027	Oman Power and Water Procurement Company
Fujairah 1 IWPP, UAE	40	893	760	95	93	2006 - 2035	Emirates Water & Electricity Company

Note: Long-term agreements refer to agreements with a tenure of at least 5 years from the contract effective date

<sup>1</sup> Based on certified dependable capacity

<sup>2</sup> These assets have a mix of contracted and uncontracted capacities. The contracted capacities under long-term agreements are reflected in the above table.

<sup>3</sup> These include contracts secured under the Great Britain Capacity Market scheme as well as Short-term Operating Reserve (STOR) contracts for the provision of reserve energy with the Low Carbon Contracts Company of National Grid ESO

**Table 5: Conventional Energy - Other Power Generation Assets**

	Stake (%)	Gross Installed Capacity (MW)	Electricity Generated (GWh)	
			1H23	1H22
<b>As at Jun 30, 2023</b>				
<b>Singapore</b>				
Sembcorp Cogen <sup>1</sup>	100	1,219	2,755	2,523
<b>China</b>				
Shanghai Cao Jing <sup>1</sup>	30	658	1,254	1,383
Chongqing Songzao Sembcorp <sup>3</sup>	49	1,320	2,957	2,078
<b>UK</b>				
Wilton Energy Assets	100	162	190	259
Flexible Generation Assets (excluding energy storage) <sup>2</sup>	100	684	129	229

<sup>1</sup> Sembcorp Cogen and Shanghai Cao Jing are cogeneration power plants that produce both power and steam

<sup>2</sup> These assets have a mix of contracted and uncontracted capacities. The contracted capacities under long-term agreements are reflected in Table 4

<sup>3</sup> In 2021, Sembcorp fully impaired the carrying value of S\$212 million interest in Chongqing Songzao Sembcorp Electric Power Co (CSZ). Post impairment, the results of CSZ are no longer equity accounted

**Table 6: Conventional Energy Asset (Capacity under Development)**

As at Jun 30, 2023	Stake (%)	Gross Capacity under Development (MW)	Estimated Completion Date
<b>Singapore</b>			
Sembcorp Cogen	100%	600	2026

The listing of our Energy and Water assets as at June 30, 2023 can be found on our website at [this link](#).

- End -

## Glossary and Definitions

Glossary	
DISCOMS	State-owned distribution companies
GWh	Gigawatt hour
ha	Hectare
IPP	Independent Power Plant
IWPP	Independent Water and Power Plant
MW	Megawatt
MWh	Megawatt hour

Definitions	
Attributable Installed Capacity	Refers to the equity-based capacity which is calculated by multiplying gross installed capacity by Sembcorp's equity stake in the assets
Contracted Capacity	Refers to the capacity guaranteed by the Sembcorp power producing company as being available to its customer, net of the plant's auxiliary loads for other utilities services
Gross Installed Capacity (conventional)	Refers to 100% of the tested gross capacity of the plant at commercial operation date or after major upgrades (assumes 100% ownership of the facility)
Gross Installed Capacity (energy storage)	Refers to the approved maximum energy storage capacity in megawatt hour of the plant at commercial operation date (assumes 100% ownership of the facility)
Gross Installed Capacity (solar and wind)	Refers to gross alternating current capacity of the plant at commercial operation date as specified in the grid connection agreement or as permitted (assumes 100% ownership of the facility)
Electricity Generated (conventional)	Refers to the actual number of electrical gigawatt hours generated by the unit in the period, less generation utilised for that unit's station service or auxiliary loads (assumes 100% ownership of the facility)
Electricity Generated (solar)	Refers to the actual number of electrical gigawatt hours produced by the solar system and measured by the solar inverter (assumes 100% ownership of the facility)
Electricity Generated (wind)	Refers to the actual number of electrical gigawatt hours produced by the wind turbine generator and measured at generator terminal (assumes 100% ownership of the facility)
Plant Availability Factor	Refers to the ratio of the number of hours in which a generating unit is available without any outages or equipment deratings to the total number of hours for the period
Tenure	Refers to the length of contract of the power or power and water purchase agreement with the commencement year reflecting the contract effective date. This may or may not correspond with the period of power delivery

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