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## SEMBCORP INDUSTRIES FY2023 UNAUDITED OPERATIONAL DATA

**Singapore, February 20, 2024** – This announcement sets out the unaudited operational data for Sembcorp Industries (Sembcorp) for the full year ended December 31, 2023.

### GAS AND RELATED SERVICES

**Table 1: Power Generation Assets with Long-term Agreements**

	Stake (%)	Gross Installed Capacity (MW)	Contracted Capacity (MW)	Plant Availability Factor (%)		Tenure	Customer (s)
				FY23	FY22		
<b>As at Dec 31, 2023</b>							
<b>Southeast Asia</b>							
Sembcorp Cogen, Singapore <sup>1</sup>	100	1,219	668	NA	NA	Various tenures ending between 2032 to 2041	Various customers including Micron Semiconductor Asia Operations, Singtel and ST Telemedia Global Data Centres
Myingyan IPP, Myanmar	100	231	225	96	99	2018 - 2040	Electric Power Generation Enterprise
Phu My 3, Vietnam <sup>2</sup>	67	748	717	92	90	2001 - 2024	Electricity of Vietnam
<b>South Asia</b>							
Sirajganj Unit 4, Bangladesh	71	440	414	98	92	2016 - 2041	Bangladesh Power Development Board
<b>The Middle East and the UK</b>							
Fujairah 1 IWPP, UAE	40	893	760	97	96	2006 - 2035	Emirates Water & Electricity Company
Salalah IWPP, Oman	40	518	445	89	90	2009 - 2027	Oman Power and Water Procurement Company
Flexible Generation Assets (excluding energy storage) <sup>1,3</sup> , UK	100	684	553	NA	NA	Various tenures ending between 2025 and 2034	Low Carbon Contracts Company of National Grid ESO

Note: Long-term agreements refer to agreements with a tenure of at least 5 years from the contract effective date. The stated contracted capacity refers to the maximum contracted load by customers

<sup>1</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>2</sup> Installed capacity figure is based on certified dependable capacity. Phu My 3 will reach the end of its Term of Operation on 29 February 2024 and will be transferred back to the government in March 2024

<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 2: Other Power Generation Assets**

	Stake (%)	Gross Installed Capacity (MW)	Electricity Generated (GWh)	
			FY23	FY22
		<b>As at Dec 31, 2023</b>		
<b>Singapore</b>				
Sembcorp Cogen <sup>1,2</sup>	100	1,219	5,941	5,609
<b>China</b>				
Chongqing Songzao Sembcorp <sup>3</sup>	49	1,320	6,110	5,332
Shanghai Cao Jing <sup>1</sup>	30	658	2,899	3,023
<b>UK</b>				
Flexible Generation Assets (excluding energy storage) <sup>2</sup>	100	684	288	559
Wilton Energy Assets	100	162	397	541

<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 1

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

**Table 3: Capacity under Construction**

As at Dec 31, 2023	Stake (%)	Gross Capacity under Construction (MW)	Estimated Completion Date
<b>Singapore</b>			
Sembcorp Cogen	100%	600	2026

**RENEWABLES**
**Table 4: Renewable Power Generation Assets**

	Stake (%)	Gross Installed Capacity (MW / MWh)	Attributable Installed Capacity (MW / MWh)	Electricity Generated (GWh)	
				FY23	FY22
(As at Dec 31, 2023)					
<b>Wind</b>					
<b>China</b>					
Guohua Semcorp	49	725	355	1,544	1,480
Semcorp Huiyang New Energy (Shenzhen) (HYNE)	98	418	409 <sup>1</sup>	1,122	572
Qinzhou Yuanneng Wind Power	100	200	200	34 <sup>2</sup>	NA
SDIC New Energy	35	1,880	632 <sup>1</sup>	4,187	3,587
Hunan Xingling New Energy	45	652	295	1,326	NA
<b>India</b>					
Semcorp Green Infra	100	1,759	1,679 <sup>1</sup>	4,122	3,825
<b>Solar</b>					
<b>Singapore</b>					
Semcorp Solar Singapore	100	352	352	439	331
<b>Vietnam</b>					
BCG GAIA	50	106	52	189	17
Semcorp Solar Vietnam	100	43	43	56	50
Vietnam-Singapore Smart Energy Solutions	54	52	28	60	11
<b>Indonesia</b>					
PT Semcorp Energy Indonesia	100	1	1	NM	NA
<b>China</b>					
Beijing Energy Semcorp	49	795	390	1,261 <sup>3</sup>	NA
Binyang County Santai Energy Technology	100	92	92	2 <sup>2</sup>	NA
SDIC New Energy	35	378	133 <sup>1</sup>	426	287
HYNE	98	240	154 <sup>1</sup>	353	192
Semcorp NCIP Water Co	95	4	4	3	NA
Shanghai Cao Jing	30	2	1	3	1
SPIC Semcorp Wuyi Renewable	49	39	19	12	1
Hunan Xingling New Energy	45	250	113	283	NA
<b>India</b>					
Semcorp Green Infra	100	656	624 <sup>1</sup>	1,134	70
<b>Energy Storage<sup>4</sup></b>					
<b>Singapore</b>					
Semcorp Cogen - Batteries	100	289	289	NA	NA
<b>China</b>					
SDIC New Energy - Batteries	35	100	35	NA	NA
Hunan Xingling New Energy - Batteries	45	200	91	NA	NA
<b>UK</b>					
Flexible Generation Assets - Batteries	100	120	120	NA	NA
<b>TOTAL</b>		<b>9,353</b>	<b>6,111</b>		

Note: The above table excludes the acquisition of a 245MW renewables portfolio in Vietnam, which is pending completion and the acquisition of 228MW of operational wind assets in India which was completed on February 13, 2024

<sup>1</sup> SDIC New Energy, HYNE and Semcorp Green Infra operate renewable power projects through various entities, held by the company, which may not be wholly-owned

<sup>2</sup> The acquisitions of Qinzhou Yuanneng Wind Power (Qinzhou Yuanneng) and Binyang County Santai Energy Technology (Binyang Santai) were completed in December 2023. The reported FY23 electricity generations of Qinzhou Yuanneng and Binyang Santai cover the period from December 6 to December 31, 2023 and December 28 to December 31, 2023 respectively post completion of the acquisitions

<sup>3</sup> The acquisition of Beijing Energy Semcorp was completed in March 2023. The reported electricity generated for FY23 covers the period from March to December 2023

<sup>4</sup> Energy storage capacity is presented in MWh (megawatt hour)

**Table 5: Renewable Power Generation Assets (Capacity Secured or Under Construction)**

As at Dec 31, 2023	Stake (%)	Gross Capacity under Construction (MW / MWh)	Attributable Installed Capacity (MW / MWh)	Estimated Completion Date
<b>Wind</b>				
<b>China</b>				
SDIC New Energy	35	650	228	2024
<b>India</b>				
Sembcorp Green Infra	72	13	10	2024
Sembcorp Green Infra	74	19	14	2024
Sembcorp Green Infra	100	230	230	2024
<b>Solar</b>				
<b>Singapore</b>				
Sembcorp Solar Singapore	100	168	168	2024
Sembcorp Solar Singapore	100	42	42	2025
<b>Vietnam</b>				
Vietnam-Singapore Smart Energy Solutions	54	7	4	2024
<b>Indonesia</b>				
PT Sembcorp Energy Indonesia	100	2	2	2024
<b>China</b>				
SDIC New Energy	35	750 <sup>1</sup>	263	2024
Shanghai Cao Jing	30	5	1	2024
SPIC Sembcorp Wuyi Renewable	49	22	11	2024
<b>India</b>				
Sembcorp Green Infra	74	36	27	2024
Sembcorp Green Infra	100	400	400	2025
Sembcorp Green Infra	100	64	64	- <sup>2</sup>
Sembcorp Green Infra	100	300	300	2026
<b>Oman</b>				
Sembcorp Jinko Shine	80	500	400	2024
<b>Energy Storage<sup>3</sup></b>				
<b>UK</b>				
Wilton - Batteries	100	300	300	2024
<b>TOTAL</b>		<b>3,508</b>	<b>2,464</b>	

Note: The above table excludes a 450MW wind-solar hybrid project in India and an 8MW solar project in Singapore awarded in January and February 2024 respectively

<sup>1</sup> Includes 110MW concentrated solar power capacity

<sup>2</sup> Timeline of project to be confirmed

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

**INTEGRATED URBAN SOLUTIONS**
**Table 7: Urban Land Sales and Net Orderbook**

ha	Industrial & Business	Commercial & Residential	Total	Industrial & Business	Commercial & Residential	Total
<b>Land Sales</b>						
	<b>FY23</b>			<b>FY22</b>		
Vietnam	150	10	<b>160</b>	100	34	<b>134</b>
China	*	11	<b>11</b>	2	-	<b>2</b>
Indonesia	77	-	<b>77</b>	36	-	<b>36</b>
<b>TOTAL</b>	<b>227</b>	<b>21</b>	<b>248</b>	<b>138</b>	<b>34</b>	<b>172</b>
<b>Net Orderbook</b>						
	<b>(As at Dec 31, 2023)</b>			<b>(As at Dec 31, 2022)</b>		
Vietnam	153	82	<b>235</b>	202	81	<b>283</b>
China	-	-	<b>-</b>	-	-	<b>-</b>
Indonesia	26	-	<b>26</b>	29	-	<b>29</b>
<b>TOTAL</b>	<b>179</b>	<b>82</b>	<b>261</b>	<b>231</b>	<b>81</b>	<b>312</b>

\* Denotes less than 1ha

The listing of our Energy and Water assets as at December 31, 2023 can be found on our website at [this link](#).

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## Glossary and Definitions

Glossary	
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 (Gas and Related Services)	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 (Gas and Related Services)	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 power 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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