

### Peak Demand

**19,183 MW**

on 24 May 2022

↑ 3.2% from 2021  
(18,585 MW)

### Lowest Trough

**10,042 MW**

on 3 May 2022

↓ 0.02% from 2021  
(10,227 MW)

### Highest Energy

**398.52 GWh**

on 24 May 2022

↑ 1.9% from 2021  
(391.28 GWh)

### Installed Capacity

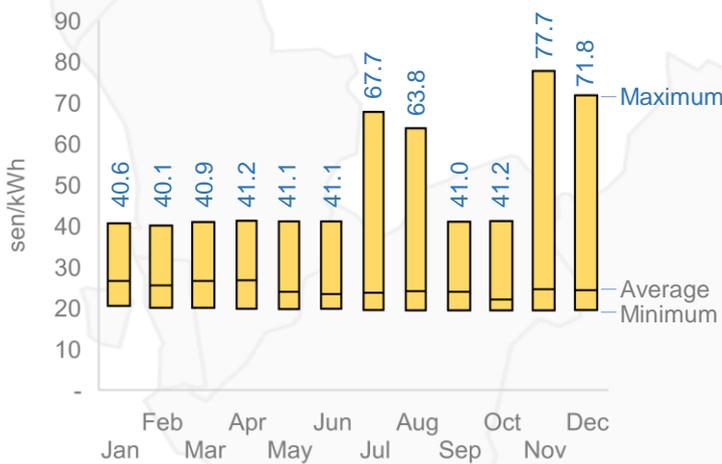
**29,106 MW**

as of 31 December 2022

↑ 1,392 MW from 2021  
(27,714 MW)

### System Marginal Price (SMP)

#### Monthly Maximum, Average and Minimum SMP



#### Annual data:

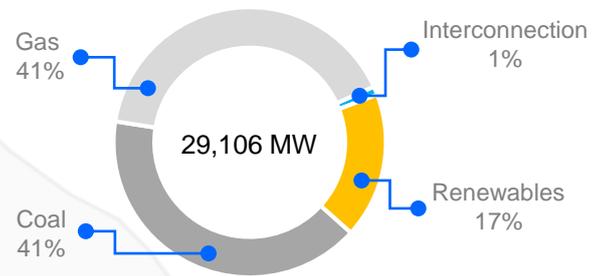
Highest	77.67 sen/kWh	11 November 2022
Lowest	19.45 sen/kWh	18 September 2022
Average	24.60 sen/kWh	N/A

Downloadable at <https://www.singlebuyer.com.my/resources-marginal.php>

### Capacity and Generation Mix

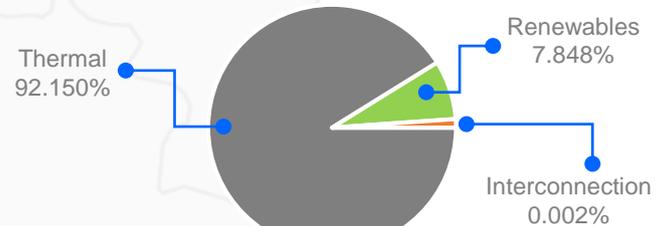
#### Capacity mix

1. Renewables includes hydro, solar and distribution-connected renewables
2. Transmission-connected capacity is based on the actual installed capacity
3. Distribution-connected renewables capacity is based on SEDA's data



#### Generation mix

1. Thermal includes burning of fossil fuels from coal, gas, distillate and MFO
2. Renewables includes hydro, solar and distribution-connected renewables

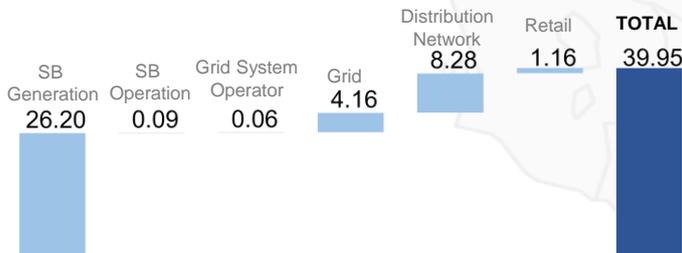


Data as of 31 December 2022

### Tariff and ICPT

#### RP3 (39.45 sen/kWh)

2022 – 2024



#### ICPT

	January – June 2022	July – December 2022
<b>Rebates:</b>		
Domestic	2.00 sen/kWh	2.00 sen/kWh
Non-domestic	N/A	N/A
<b>Surcharge:</b>		
Domestic	N/A	N/A
Non-domestic	3.70 sen/kWh	3.70 sen/kWh

Source: Ministry of Energy and Natural Resources Press Release and Suruhanjaya Tenaga

### Energy Trilemma

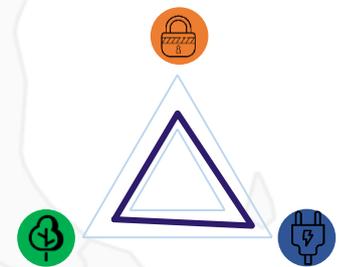


Malaysia

Overall ranking:

**30<sup>th</sup>**

↓ 5 ranks  
(25<sup>th</sup> in 2021)



Trilemma	Ranking	Score	Grade
Energy Security	29 <sup>th</sup> (32 <sup>nd</sup> )	64.4 / 64.1	A / B
Environmental Sustainability	55 <sup>th</sup> (52 <sup>nd</sup> )	66.5 / 64.4	C / C
Energy Equity	42 <sup>th</sup> (25 <sup>th</sup> )	78.6 / 91.5	B / B

Source: Energy Trilemma Index Report 2022 by World Energy Council