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INFOGRAPHIC

The Malaysian Reserve, Malaysia

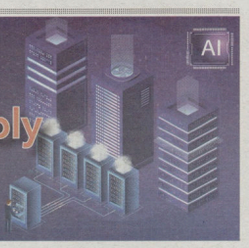
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Powering Malaysia's data centres sustainably

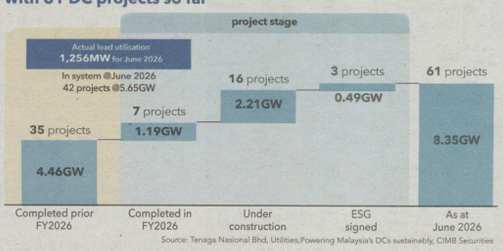
MALAYSIA'S data centre electricity demand could surge nearly 600% in 2026-2035.

To reduce carbon emissions, the country aims to raise renewable energy's share of Peninsular Malaysia's energy mix to 22% by 2035, while increasing gas to 59% and reducing coal dependency.

Achieving this transition will require RM93 billion to develop 24 gigawatt (GW) of new solar capacity.

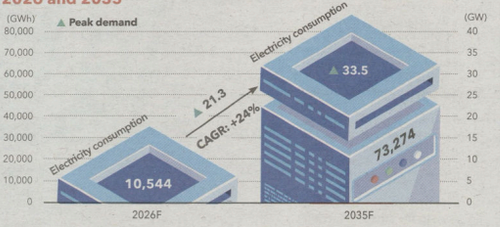


TNB has signed electricity supply agreements (ESAs) with 61 DC projects so far



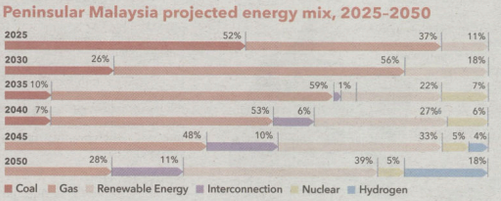
Source: Tenaga Nasional Bhd, Utilities,Powering Malaysia's DCs sustainably, CIMB Securities

DC sector's electricity usage to rise sharply between 2026 and 2035

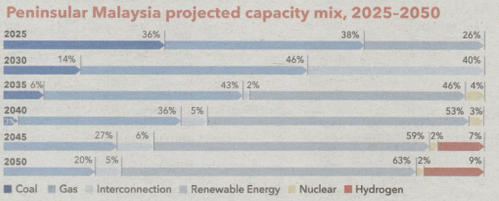


Source: Electricity Supply and Tariff Planning and Implementation Committee, Utilities,Powering Malaysia's DCs sustainably, CIMB Securities

Peninsular Malaysia projected energy mix, 2025-2050



Peninsular Malaysia projected capacity mix, 2025-2050



Source: Energy Commission, Energy Malaysia Vol 27 / 2025, Utilities,Powering Malaysia's DCs sustainably, CIMB Securities

Beneficiaries of Malaysia's regional sustainable DC hub goal

Power producers	Solar developers/contractors	Grid modernisation	
Tenaga Nasional Bhd	Solarvest Holdings Bhd	Tenaga Nasional Bhd	Jati Tinggi Group Bhd
YTL Power Bhd	Samaiden Group Bhd	MN Holdings Bhd	Master Tec Group Bhd
Malakoff Corporation Bhd	Kee Ming Group Bhd	Southern Cable Group Bhd	Cheeding Holdings Bhd
		Pekat Group Bhd	Hextar Capital Bhd

Source: CIMB Securities, Company, Utilities,Powering Malaysia's DCs sustainably, CIMB Securities

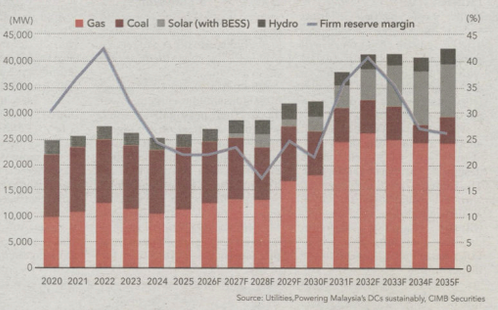
Corporate renewable energy supply scheme projects so far

Date	Off-Taker	RE Developer	Solar (MWac)	BESS (MWac)	Details
Dec 2024	Bridge Data Centres	TNB Renewables	120	NA	Backed by TNB's utility-scale solar farms & hydro plants
Dec 2025	Google	TotalEnergies (49%), MK Land (51%)	30	NA	Citra Energies solar farm in Kedah. COD: 3Q27
Dec 2025	Google	Shizen Energy Group (49%), Solarvest (33%), HSS Engineering (18%)	30	NA	Solar farm in Gurun, Kedah. COD: 2027
June 2026	DayOne Data Centres	TNB Renewables and TNB GenCo	1,100	550	Ground mounted solar & Kenyir Hybrid Hydro Floating Solar
Sept 2026	Google	Gentari (33.5%), SD Guthrie (33.5%), Gamuda (33%)	680	340*	BESS included, but size not finalised. *Assumes 2-to-1 solar-to-capacity ratio
TBA	Data Centres in GDCP	YTL Power	215	NA	Phase 1 is 215MW, total capacity is 500MW. Phase 1 COD: Oct 2026

Note: COD = Commercial operation date.

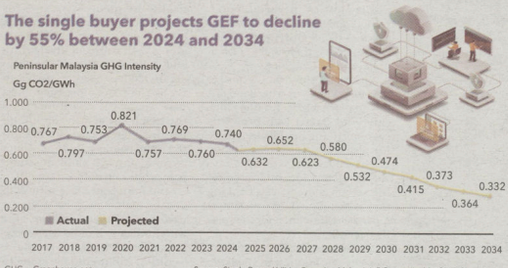
Source: CIMB Securities, Utilities,Powering Malaysia's DCs sustainably, CIMB Securities

Firm reserve margins may be below 25% in 2026-2030, but should be at comfortable levels after that



Source: Utilities,Powering Malaysia's DCs sustainably, CIMB Securities

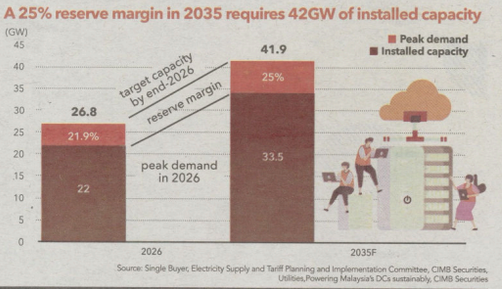
The single buyer projects GEF to decline by 55% between 2024 and 2034



GHG = Greenhouse gas

Source: Single Buyer, Utilities,Powering Malaysia's DCs sustainably, CIMB Securities

A 25% reserve margin in 2035 requires 42GW of installed capacity



Source: Single Buyer, Electricity Supply and Tariff Planning and Implementation Committee, CIMB Securities, Utilities,Powering Malaysia's DCs sustainably, CIMB Securities

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