

Singapore has been planning ahead for data centre growth

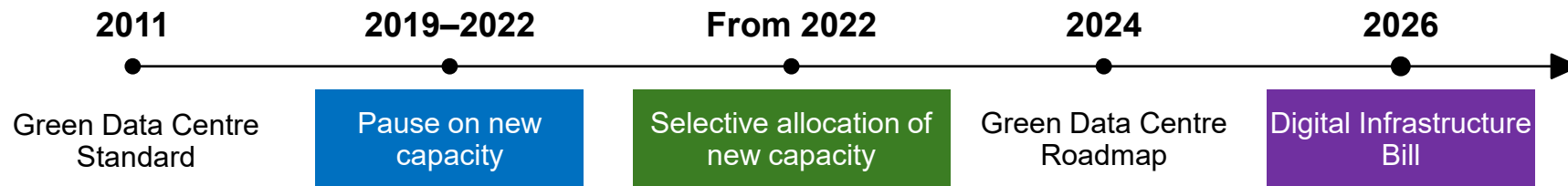
Singapore at a glance

1.6+ GW Existing data centre capacity, across about 70 data centres

19.3% of GDP from the digital economy (2025)

50% minimum green energy for newly allocated data centre capacity

Singapore's pathway: Starting early gave us time to consult industry and give businesses greater certainty



New standards launched over time to accelerate data centre energy efficiency in Singapore's tropical climate:
Tropical Data Centre (2023) · IT Equipment Energy Efficiency (2025) · Liquid Cooling (2026)

Governments are using different tools to manage data centre growth — Singapore has drawn on all three



Pause or limit new capacity

Temporarily halt or cap new data centres

 **Thailand (2026):** New approvals frozen, pipeline projects paused, while national standards are developed

 **Amsterdam, Netherlands (2025):** No new data centres or expansions until 2035



Planning and resource management

Use planning, grid, pricing, and incentive rules

 **Victoria, Australia (2026):** 150m buffer from homes; new data centres to fund grid upgrades and invest in renewables

 **Virginia, US (2025–26):** Data centres of ≥ 25 MW to require approval, pay more of their grid costs; 2026 rules require cleaner backup generators, and water-use reporting

 **Malaysia (2024):** National tax incentives tied to efficiency; Johor (2025) halted approvals for data centers with high water usage



Direct statutory standards

Set binding requirements in law

 **China (2021):** Mandatory national standard sets minimum energy efficiency for new and expanded data centres

 **Germany (2023):** Energy Efficiency Act sets energy efficiency, renewables, and waste heat rules

 **Spain (proposed, 2026):** Draft decree on use of renewables, and energy & water efficiency for data centres of ≥ 1 MW

 **Australia (proposed, 2026):** National mandatory standards for large data centres, to be legislated in 2027

Sources: **Thailand:** Data Centre Business Policy Committee (Sep 2026); **Amsterdam:** Gemeente Amsterdam (Apr 2025); **Victoria:** Sustainable Data Centre Action Plan (Sep 2026); **Virginia:** Data Center Accountability Framework (Sep 2026); **Malaysia:** MIDA Guideline for Sustainable Development of Data Centre (Dec 2024), Johor State Data Centre Development Coordinating Committee (Nov 2025); **China:** GB 40879-2021 (SAMR/SAC); **Germany:** Energy Efficiency Act (2023); **Spain:** Draft Royal Decree under Royal Decree-Law 7/2026 (Aug 2026); **Australia:** National Cabinet (Aug 2026). Information as at 5 Oct 2026.