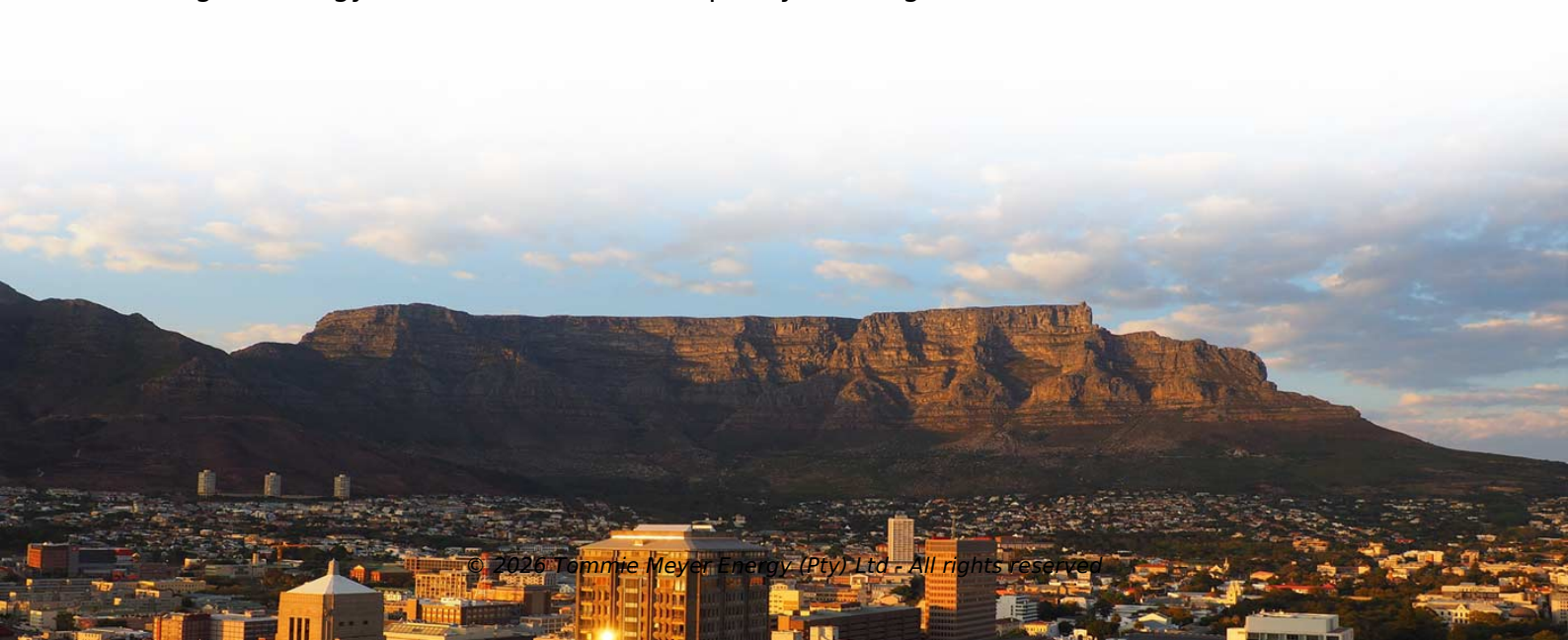


China Energy Conservation Wind Power Generation Scale



Overview

China is advancing a nearly 1.3 terawatt (TW) pipeline of utility-scale solar and wind capacity, leading the global effort in renewable energy buildout. New wind power capacity of 87 GW was installed representing a 9. By the first quarter of 2024, China's total utility-scale solar and wind capacity reached 758 GW, though data from China Electricity Council put the total capacity, including distributed. The Summary of China's Energy and Power Sector Statistics is one of the research results of the China Energy Transition (CET) programme. It is published annually as a March special issue of the China Energy Policy Newsletter. Solar continued to show significant growth during this period, with 105GW added, up 75% year-on-year. This was over 8 times more than thermal, and 5 times more than wind. In the month of April alone, 45.2GW of solar was added, more than Australia's power system is. China has installed a world-record 26-megawatt offshore wind turbine, a technological feat that coincides with its total wind and solar capacity reaching 1. This systemic shift means the world's largest energy market is. % of new capacity (see Figure 1 below).



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Put another way, this means that new zero emissions electricity generation in China in the first four months of 2025 more than covered all new electricity demand growth (which was +3.8% yoy to

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