

The global steel industry is responsible for around 7-9% of total carbon dioxide emissions, making it one of the single largest industrial contributors to climate change. This is primarily ...

A team of Duke University students is harnessing the power of artificial intelligence to help solve one of the world's most pressing challenges: access to clean, reliable energy. As part of ...

Key drivers include government incentives supporting renewable energy adoption, the decreasing cost of solar energy systems, and ongoing research and development efforts to improve ETM ...

The 75 MW Kathu solar photovoltaic (PV) project was developed under the first round of the Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) and was among the very first utility ...

The future of flexible solar panels looks promising. With rapid advancements in material science, nanotechnology, and manufacturing processes, newer panels are becoming: Perovskite solar ...

The global charge controller system market is experiencing robust growth, driven by the increasing adoption of renewable energy sources, particularly solar power. The market's expansion is fueled by the need for efficient energy management ...

The Atlantis site will operate as a hybrid plant alongside the metro's first utility-scale battery storage operation, totalling eight megawatts. Mayoral committee member for Energy, Xanthea ...

On July 4, President Trump signed the "One Big Beautiful Bill." The bill makes steep cuts to solar energy and places new restrictions on energy tax credits that will slow the deployment of ...

The City of Cape Town's Atlantis solar PV plant has, to date, seen the installation of around 2 400 solar panels out of the planned 12 850 panels as part of this R200-million renewable-...



Solar energy research and development cape town



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