



Apia solar industry

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We were awarded the contract to build the 2.2MWp Solar Farm at the Apia Racecourse in Samoa. The Racecourse Solar Farm was opened during the Small Island Developing States conference in Samoa by the Samoan Prime Minister Tuila'epa Sai'ilele Malielegaoi and the then- NZ Minister of Foreign Affairs, Murray McCully.

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Chinese PV firms lead the world, but overcapacity, price weakness loom

China's solar industry climbed to new heights in 2023, with manufacturing, installed capacity and exports experiencing robust growth and reshaping the global landscape with continuous technological breakthroughs.

According to the China Photovoltaic Industry Association, China saw 163.88 gigawatts of new photovoltaic installations in the first 11 months, marking a remarkable 149.4 percent year-on-year growth. Most months saw triple-digit percentage surges, with March topping 400 percent.

Currently, over half of the nation's new installations of power generators are photovoltaic facilities.

The surge prompted the CPIA to revise its projections for China's new PV installations this year, raising the forecast from an initial range of 120-140 GW to 160-180 GW.

"China's solar power global market share has exceeded 80 percent. Technological prowess is evident in continuous breakthroughs, such as achieving a 33.9 percent conversion efficiency in crystalline silicon-perovskite tandem solar cells, setting yet another world record," said Wang Shijiang, secretary-general of the CPIA.

This rapid growth in PV installations had a significant effect on overall renewable energy capacity, which reached 1.45 billion kilowatts last year. Impressively, this capacity marked a new high and constituted over 50 percent of national power generation installed capacity, said the National Energy Administration.

Solar power alone reached 557.6 million kW as of the end of November, significantly exceeding the NEA's year-end target of approximately 490 million kW set in 2022.

Surges in output, exports



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