

Accelerating Renewable Developments

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India's ambitious RE targets

The country has set ambitious targets towards **reducing India's total projected carbon emission by 1 bn tonnes by 2030.**

Reduce the carbon intensity of the nation's economy by less than 45% by the end of the decade, **achieve net-zero carbon emissions by 2070**

Achieve a capacity of **175 GW worth of renewable energy by the end of 2022.**

Which expands to 500 GW by 2030. This is the world's largest expansion plan in renewable energy.

India has achieved its NDC target with total non-fossil based installed energy capacity of 158.17 GW which is 40.2% of the total installed electricity capacity.

Current position



4th largest installed capacity of renewable energy in the world



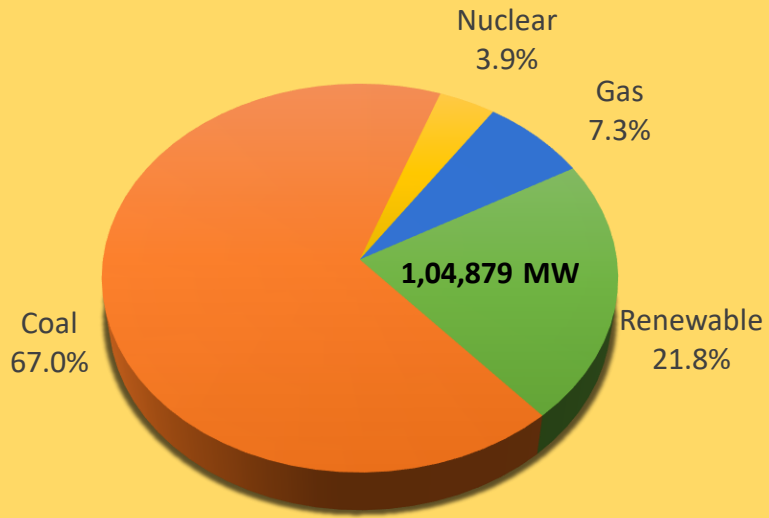
4th largest installed capacity of wind power in the world



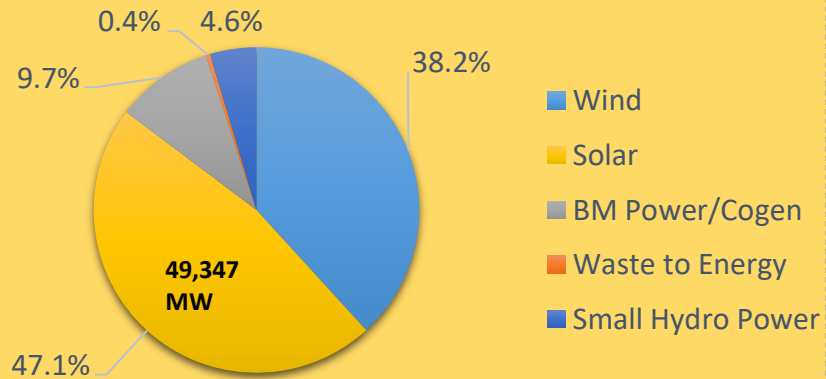
Fifth-largest solar installed capacity in the world

Solar Expansion in India

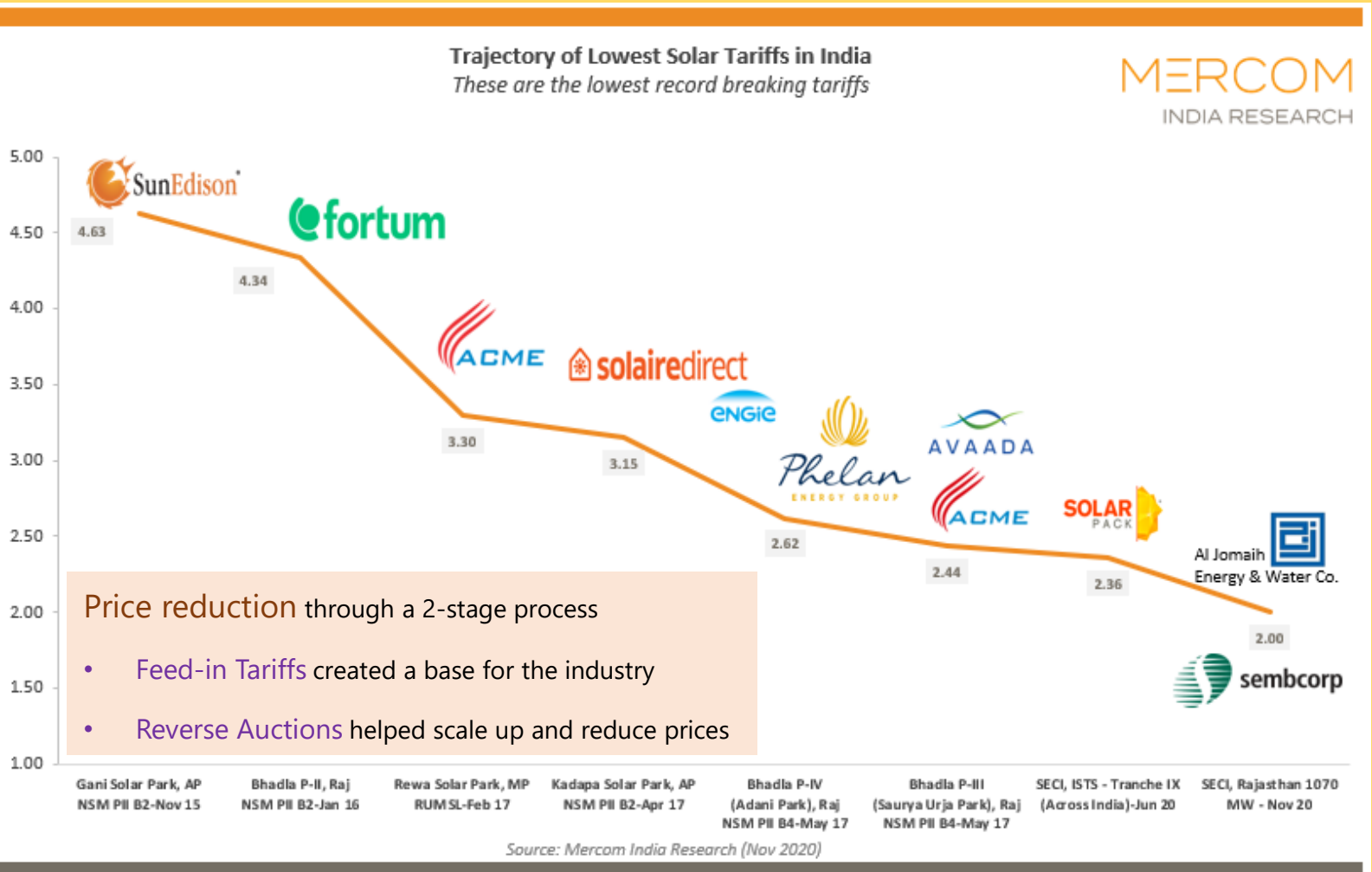
India (as of Dec 2021)



Domination of Solar in RE Mix (as of Dec 2021)



India's installed renewable energy capacity has **increased 286% in the last 7.5 years** and stands at more than 151.4 Giga Watts (including large Hydro), **with installed solar energy capacity increase by 17 times in the last 7 years and stands at 49.5 GW.**





ROAD MAP TO ACHIEVE THE (ONE SUN ONE WORLD ONE GRID) VISION



THE SUN NEVER SETS

"I firmly believe that this project can bring transformational benefits for the entire humanity."

- Hon'ble Prime Minister Of India, Shri Narendra Modi.

PHASE I

Middle East,
South Asia and
South-East Asia

PHASE II

Solar and other renewable
energy resources rich regions.

PHASE III

Global interconnection of
the power transmission grid

Tripartite MoU
between the ISA, the
Government of India,
and the World Bank to
implement the
OSOWOG initiative has
been signed.

Thank You

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