

One World, One Sun, One Grid: Is it possible?

With war clouds hovering around several Nations in the world, will it be ever possible for us to see a One World One community?

One basic need of the humans – Energy – seems to have the potential to bring and connect people of the world to come together cutting across geographical barriers.

September 8, 2020. The International Solar Alliance (ISA) organised a virtual World Solar Technology Summit.

India's Prime Minister Narendra Modi was earlier expected to deliver the inaugural address but could not do so because of some other engagements. His message was read out by the New and Renewable Energy Minister R K Singh.



The PM Modi expressed his visions on humanity and the global use of clean energy supplies across nations. He mentioned the idea of 'One World, One Sun, One Grid'. The Prime Minister also mentioned that ISA is part of this project which can

bring transformational benefits for the entire humanity.

The PM Modi made it clear that his government wants to take solar energy to all villages of India and replace fossil fuels with this clean source in agriculture.

India's existing clean energy capacity is 134 GW. It will be scaled up to 220 GW by 2022.

The PM Modi exuded confidence that India will reduce energy tariffs further through technological advancements. A further reduction in the cost will provide a major boost to the use and expansion of renewable energy.

Five public sector undertakings (PSUs) – Oil and Natural Gas Corporation Limited (ONGC), Indian Oil Corporation Limited (IOCL), Bharat Petroleum Corporation Limited (BPCL), Hindustan Petroleum Corporation Limited (HPCL) and GAIL (India) Limited – under the Petroleum and Natural Gas Ministry may join ISA's Coalition for Sustainable Climate Action (ISA-CSCA) as corporate partners.

	Current Market Price (Rs)	% Change over Prev Close
BPCL	412.7	+2.9
HPCL	198.7	+0.63
GAIL	94.55	-1.25
ONGC	74.45	-2.62
IOC	82.75	-1.25

Time to invest in PSUs

Oil Minister Dharmendra Pradhan said the PSUs will be active contributors to ISA's Corpus Fund.

Pradhan stated that the government is actively encouraging the industry, oil and gas companies in particular, to become participants in this transition to solar energy. The mission of solarising nearly 50 per cent of fuel stations owned by

public sector oil companies in the next five years is in progress. The oil and gas companies are deploying solar panels across the value chain of their operations. The current installed solar power capacity is 270 MW. An additional 60 MW solar capacity will be added in one year.