



‘One Sun, One World, One Grid’: Journey towards Net Zero
A Curtain Raiser of the 14th Edition of BCC&i’s Environment and Energy Conclave

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Publication: The Times Of India	Date: 17.07.2021
Edition: Kolkata	Page: 8

'Adopt solar power, save on electricity bills'

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Kolkata: Electricity bills in Kolkata could drastically drop, if we adopted solar power that is the cheapest at Rs1.99 per unit while thermal power generation cost Rs 3.05 per unit, said Ajay Mathur, director general, International Solar Alliance (ISA) at environment and energy conclave of Bengal Chamber of Commerce and Industries on Friday.

The man behind the global campaign, One Sun-One World-One Grid (OSOWOG), said that Bengal held huge potential with the abundance of sunlight for more than 300 days in a year. "The Purulia pump storage is a nationally

The Purulia pump storage is a nationally replicable model that can do wonders.

Ajay Mathur | DIRECTOR
GENERAL, ISA

replicable model that can do wonders. Using the solar energy, water can be lifted to the tank during the day while at night, the same water can be drained out to produce hydel-power energy," said Mathur, who was the director general of TERI before becoming the DG of ISA.

THE TIMES OF INDIA



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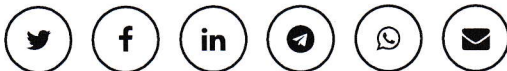
KOLKATA | SATURDAY, JULY 17, 2021 | PAGES 34 | PRICE ₹ 4

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Economic pre-feasibility report on solar global grid by next month: Ajay Mathur

A consortium led by French state-run power utility Electricite de France SA (EDF) has been tasked with creating the roadmap to build a global ecosystem of interconnected renewable energy resources under 'One Sun, One World and One Grid' (OSOWOG).

PTI July 17, 2021, 07:42 IST



The [economic pre-feasibility report](#) on the [International Solar Alliance's](#) cross-country solar power grid can be expected by next month, its Director- General Ajay Mathur said on Friday. A consortium led by French state-run power utility [Electricite de France SA](#) (EDF) has been tasked with creating the roadmap to build a global ecosystem of interconnected

[renewable](#) energy resources under 'One Sun, One World and One Grid' (OSOWOG).

"EDF is carrying out the pre-feasibility study and next month the report is

expected," Mathur told .

India-initiated ISA is heading the project with the support of [World Bank](#) to promote renewable energy and mitigate carbon footprint.

The OSOWOG project will be implemented in three phases. In the first phase, the Indian grid will be connected with grids in West Asia, South Asia and Southeast Asia to share solar and other renewable energy resources.

In the second phase, the first-phase nations will be connected with the African pool of renewable resources. The third phase will be the final step for global inter-connections.

The project aims to link as many as 140 countries through a common grid that will be used to transfer solar power.

Mathur, who was in Kolkata to attend an event of the Bengal Chamber, said India's inter-ministerial coordination group on the initiative, involving four-five Union ministries, is also being set up.

"The report on institutional regulatory is also likely in the next three-four months. The government's inter- ministerial co-ordination group is expected to be formed in a month," he said.

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Economic pre-feasibility report on solar global grid by next month: Mathur

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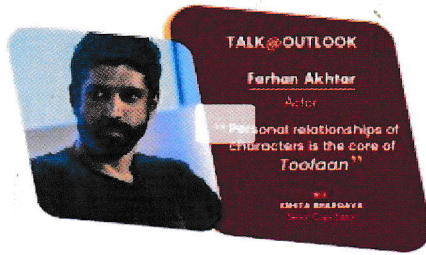
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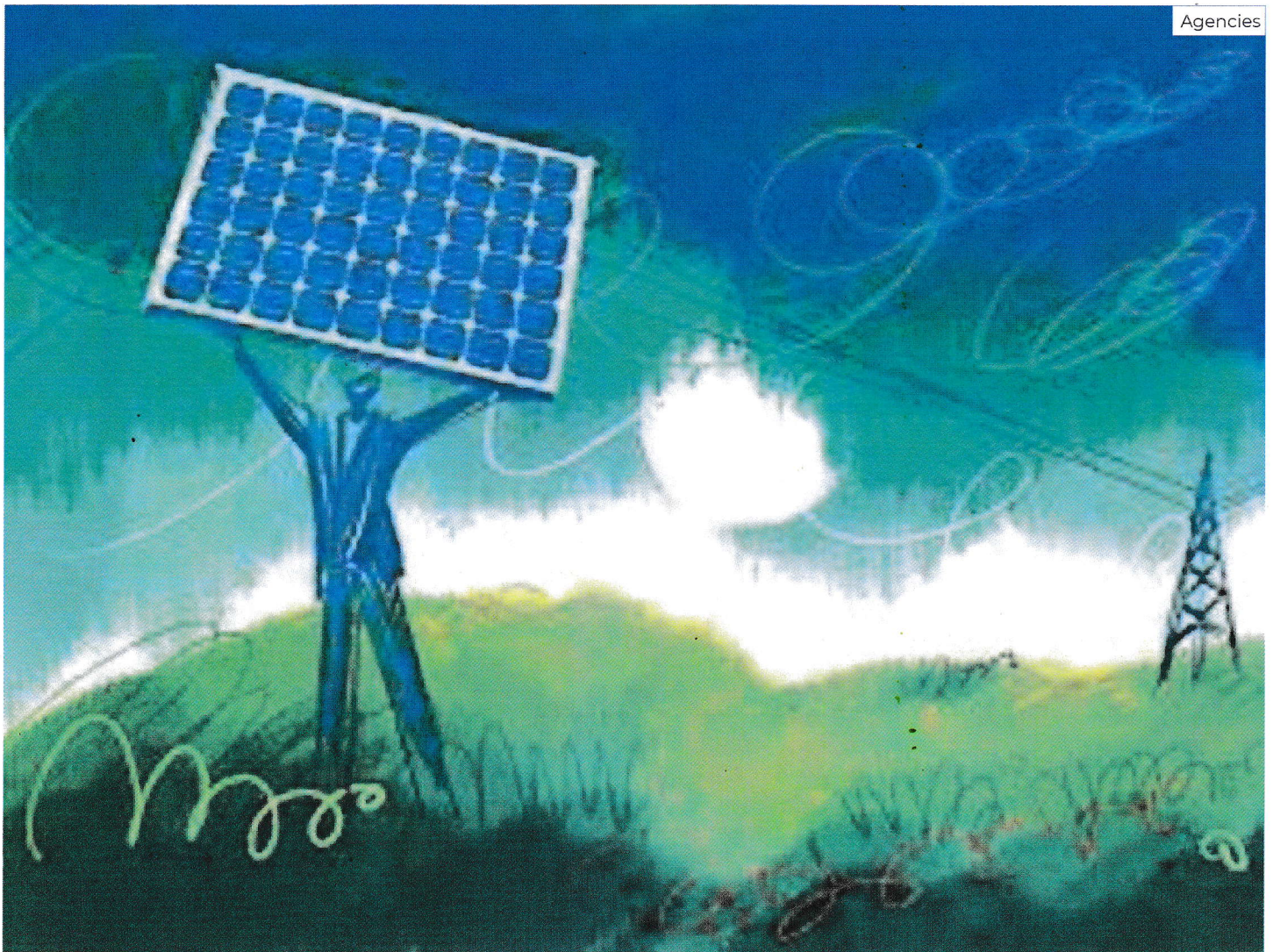
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Synopsis

A consortium led by French state-run power utility Electricite de France SA (EDF) has been tasked with creating the roadmap to build a global ecosystem of interconnected renewable energy resources under 'One Sun, One World and One Grid' (OSOWOG).

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By PTI

Last Updated: Jul 16, 2021, 09:20 PM IST

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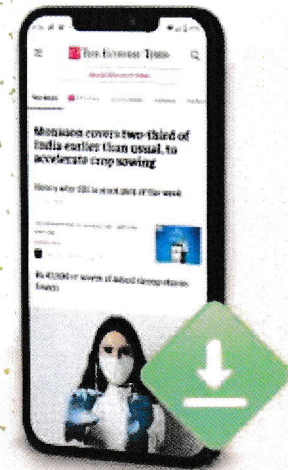
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