

Green hydrogen, wind projects need govt push for 2030 targets: Report

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New Delhi, 17 December

India is on track to meet its 2030 clean energy goals for solar power and battery energy storage systems (BESS), but immediate government support is needed to accelerate the deployment of offshore wind and green hydrogen (GH2), according to a report.

The report, 'Budgeting for Net Zero: Government Support Needed to Meet India's 2030 Clean Energy Goals', is jointly produced by the Center for Study of Science, Technology and Policy and the International Institute for Sustainable Development. It highlights that while solar PV and BESS are progressing well with the current levels of subsidies and policy initiatives, other emerging clean technologies require urgent intervention to bridge cost gaps and achieve competitiveness.

The report estimates that offshore wind faces the largest cost gap, with existing government support falling short of what is needed. To leverage India's 71 Gw offshore wind potential, additional support of about ₹9,000 crore per Gw (\$1.08 billion per Gw) would be required.