



Amazon Announces its First Two Wind-solar Hybrid Projects, to be Located in India

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- *The two hybrid projects located in Madhya Pradesh and Karnataka represent 300 megawatts (MW) of renewable energy capacity combined*
- *Amazon has announced 720MW of renewable energy capacity in India across five utility-scale projects within a year*

NEW DELHI, INDIA – 1 December 2022 – Amazon today announced its first wind-solar hybrid projects with Vibrant Energy, a subsidiary of portfolio company of Macquarie's Green Investment Group (GIG), to be located in India. These two projects represent a total of 300 megawatts (MW) of renewable energy capacity and will be based in the states of Madhya Pradesh and Karnataka. This is considered to be one of the largest wind-solar hybrid corporate power purchase agreements (PPA) by a technology company in India¹. Once operational these projects are expected to generate 1,163,000 megawatt hours (MWh) of clean energy, which is the equivalent amount of electricity needed to power 380,000 average-sized households in New Delhi each year². Combined with three solar farms in Rajasthan, Amazon now has five utility-scale renewable energy projects in India, representing more than 720MW of renewable energy capacity.

"As the largest corporate purchaser of renewable energy globally, we continue to build momentum for our renewable energy investments in India. The two new projects represent Amazon's first wind-solar hybrid projects globally," said Abhinav Singh, Director – Customer Fulfillment, Supply Chain and Global Specialty Fulfillment, Amazon India. "We are on a path to powering our operations globally with 100% renewable energy by 2025 and have worked with government and industry stakeholders in India to unlock more corporate renewable energy procurement in the country. This year, we have reached over 720MW of renewable energy capacity through utility-scale projects in India."

According to [McKinsey & Company](#), renewable hybrid energy systems can play a key role in helping India accelerate the decarbonization of power generation, lowering the cost of electricity in the medium term. These renewable hybrid energy systems maximize clean energy use on the grid by combining two technologies with different generation profiles. The new Amazon projects support India's Ministry of New and Renewable Energy's (MNRE) wind-solar hybrid policy, which aims to enable more such hybrid projects to efficiently utilize transmission infrastructure and land, and reduce variability in renewable generation, which improves grid stability.

"This collaboration between Vibrant and Amazon will encourage the adoption of renewable energy by corporates in India. We expect India to be one of the earliest markets in the world to deliver renewable energy through similar hybrid projects. We are honored to collaborate with Amazon on its path to powering its operations with 100% renewable energy by 2025," said Srinivasan Viswanathan, CEO, Vibrant Energy.

Amazon is committed to reaching net-zero carbon across its business by 2040 and is on a path to powering its operations with 100% renewable energy by 2025. Amazon is the world's largest corporate buyer of renewable energy with over 380 projects across 22 countries around the world. Once operational, these projects will have the capacity to generate over 50,000 gigawatt hours (GWh) of clean energy annually. These projects have the capacity to supply renewable energy for a variety of Amazon facilities, including corporate offices, fulfillment centers, data centers, and physical stores, which collectively serve millions of customers globally. At the end of 2021, Amazon reached 85% renewable energy across its business. In Asia, Amazon has now invested in 17 utility-scale renewable energy projects with a total capacity of more than 1,600 MW across Australia, China, India, Indonesia, Japan, and Singapore.

About Amazon

Amazon is guided by four principles: customer obsession rather than competitor focus, passion for invention, commitment to operational excellence, and long-term thinking. Customer reviews, 1-Click shopping, personalized recommendations, Prime, Fulfillment by Amazon, AWS, Kindle Direct Publishing, Kindle, Fire tablets, Fire TV, Amazon Echo, and Alexa are some of the products and services pioneered by Amazon. For more information, visit amazon.com/about and follow [@AmazonNews](#).

About Vibrant Energy

Vibrant Energy's mission is to lead the transition of corporate & industrial (C&I) customers to a more sustainable, resilient, and low-cost energy future. The platform has been delivering on this mission through its extensive project portfolio which currently contains 132MW of operational projects, delivering 1.6GW projects and an active development pipeline of 2GW+. Vibrant Energy is a majority-owned subsidiary of Blueleaf Energy. Blueleaf Energy is a portfolio company owned by Macquarie's Green Investment Group, operating on a standalone basis. <https://www.vibrantenergyholdings.com/>

¹ S. No 1, 5, 9 <https://www.seci.co.in/Bidder/view/tender/results/all-award/list/bidder>

² According to the [Center for Policy Research India](#), an electrified household in New Delhi consumes *approximately 250-270 units or kilowatt hours (kWh) of electricity per month on average*. These two wind plus solar hybrid projects have the capacity to generate 1,163,000 megawatt hours (MWh) of renewable energy per year. Based on these data points, these projects represent enough capacity to power over 380,000 average-sized households in New Delhi annually.