

CEA, CEEW-CEF, Shakti Sustainable Energy Foundation launch India Renewables Dashboard

New Delhi, 21 April 2021: The Central Electricity Authority (CEA) and CEEW's Centre for Energy Finance (CEEW-CEF) today launched the [India Renewables Dashboard](#), a joint effort to provide detailed operational information on renewable energy (RE) projects in India. This information is freely available to policymakers, developers, financiers, and the public. The dashboard was launched by Shri Sandesh Kumar Sharma, Member (Planning), CEA. The dashboard, supported by the Shakti Sustainable Energy Foundation, captures daily generation data at the state, regional and national levels for the aggregate 93 GW of installed RE capacity in India. It also captures this data at a plant-level for a subset of projects.

Previously, such data required manual aggregation and was not easily accessible. The India Renewables Dashboard addresses this challenge by automating the process of updating daily RE generation. Further, users can download the data in multiple formats and conduct their own bespoke analyses. This will allow them to gain invaluable insights for improving project implementation, infrastructure planning and power generation forecasting in the renewables sector.

Gagan Sidhu, Director, CEEW-CEF, said, "Data accessibility is crucial for India to attract the hundreds of billions of dollars in investments that it needs to grow its RE capacity to five times the current 93 GW. In this context, the India Renewables Dashboard can help mitigate risk perception and make capital available for India's green transition at more affordable rates. By doing so, it can help accelerate India's much-needed energy transition."

According to the India Renewables Dashboard, India's solar power generation on 20 April 2021 was 172.3 million kWh and its total wind power generation on the same day was 168.3 million kWh. This represented a combined 8.3% share for the two sources in total electricity generation on that day. The highest daily generation figures recorded in the last twelve months for solar and wind are 216.5 million kWh and 444.5 million kWh, respectively.

The India Renewables Dashboard not only tracks data on RE generation but also quantifies the mitigation of CO₂ emissions achieved as a result. It has also automated the creation and publication of key reports by CEA's Renewable Energy Monitoring division, reducing the possibility of human error. In the next phase, CEA and CEEW-CEF will extend the number of projects covered by the dashboard and collect additional project-level information on parameters like location, project capacity, developers, offtakers, discoms and tariffs.

The dashboard can be accessed [here](#).

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