

## **Wind To Provide 20% By 2030: US DOE Report**

The US Department of Energy has released a first-of-its kind report that examines the technical feasibility of harnessing wind power to provide up to 20 per cent of the nation's total electricity needs by 2030. The "20 per cent Wind Energy by 2030" report identifies requirements to achieve this goal including reducing the cost of wind technologies, siting new transmission infrastructure, and enhancing domestic manufacturing capability. Most notably, the report identifies opportunities for 7.6 cumulative gigatons of carbon dioxide to be avoided by 2030, saving 825 million metric tons in 2030 and every year thereafter if wind energy achieves 20 per cent of the nation's electricity mix. "DOE's wind report is a thorough look at America's wind resource, its industrial capabilities, and future energy prices, and confirms the viability and commercial maturity of wind as a major contributor to America's energy needs, now and in the future," Assistant Secretary of Energy Efficiency and Renewable Energy at the US Department of Energy, Andy Karsner says. "To dramatically reduce greenhouse gas emissions and enhance our energy security, clean power generation at the gigawatt-scale will be necessary, and will require us to take a comprehensive approach to scaling renewable wind power, streamlining siting and permitting processes, and expanding the domestic wind manufacturing base," adds Karsner.

[Source essa news]