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What is wind solar hybrid system?

The combination of renewable energy sources, wind & solar are used for generating power called as wind solar hybrid system. This system is designed using the solar panels and small wind turbines generators for generating electricity.

What can a small wind energy system do for a community?

They can also support water pumping for irrigation, telecommunications and small businesses. For example, two small wind energy systems installed in the tribal villages of Kamalaguda and Tijmali in the Kalahandi district of Odisha, India, not just provide electricity to 60 homes and 259 people, but brought jobs and new skills to the community.

Are small wind energy systems a good idea?

Source: Adapted from NREL. Agricultural and rural communities have had a lot of success with small wind due to the relatively small physical footprint of the turbine technology. Small wind energy systems have often proved to be an efficient use of space for the amount of electricity it can generate.

Should solar and wind energy systems be integrated?

Despite the individual merits of solar and wind energy systems, their intermittent nature and geographical limitations have spurred interest in hybrid solutions that maximize efficiency and reliability through integrated systems.

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