

 **Solar Photovoltaic Rooftop Power Generation Systems in Auto Industry**

The country's first decentralized Solar Photovoltaic Rooftop Power Generation Systems in Industry of 2 x 100 kWp capacity have been successfully commissioned. The systems were inaugurated yesterday by Shri Deepak Gupta, Secretary, Ministry of New and Renewable Energy (MNRE) at M/s. Omax Autos Limited, a major in manufacturing automobile parts, at their Manesar and Dharuhera facilities.

The systems have been provided 30% financial support by MNRE and installed on turnkey basis by M/s Moserbaer Photovoltaic Ltd. Generated power is fed directly to the building level grid, avoiding need for any battery back up and associated maintenance. Each system is likely to result into an annual saving of around 40,000 liters of diesel, with associated reduction of carbon dioxide emissions to the tune of 2 million kg over a period of 20 years. A unique feature of the systems is synergistic working of solar, DG and grid power, with Solar Power whenever available, getting first priority of consumption over power generated through DG.

Speaking on the occasion, Secretary, MNRE said that the commissioning of these systems is indeed a commendable beginning to the industrial usage of rooftop solar PV solutions, particularly for reducing Diesel consumption. He expressed hope that these projects will be replicated in other locations as well. Indian story is gathering speed and significant projects like these will help us in achieving the targets for off-grid solar power set in the National Solar Mission, he added.