

The estimated potential for wind power is around 20,000 MW. There has been exponential growth in the wind power sector in the last two years as it has caught the imagination of the private sector. Some 306.5 MW have been installed and another 300 MW is in various stages of implementation. A good infrastructure for manufacturing and the installation of wind power generation systems and equipment have been created in India.

The Indian photo-voltaic (PV) market is now estimated to be the largest in the world with seven to nine MW/year in new capacity, and a potential market of 140 MW for high income users. Existing applications and markets are primarily for radio phones, street lights, water pumps, and portable lanterns. A number of manufacturers are planning to use India as a base for exporting technology to other Asian countries. Canadian firms could explore niche market opportunities in on the rapidly growing PV powered wireless telecom market.

Canadian energy, environmental and industrial process companies are experienced in providing energy efficiency and RETs solutions. They should look to India as a major emerging market.

Potential Joint Ventures and Opportunities

<i>SUPPLIER'S NAME</i>	<i>TECHNOLOGY DEMAND</i>
Titanium Tantalum Products Pvt. Ltd.	Solar energy

- M.K. Sanghi Group** proposes to establish a plant for the manufacture of non-conventional energy equipment including windmills, solar equipment, bio-gas generators, etc. They are looking for identification of product, technology tie-ups.

Indian PV Manufacturers

<i>EXISTING FIRMS</i>	<i>NEW PLANTS</i>
CEL (1.8 MW)	Siemens Solar
REIL (1.2 MW)	Solec/Pentafour
BHEL (1.2 MW)	Udhay/EPV
Tata BP (1.0 MW)	Bharat
RES (0.5 MW)	