

Punjab Energy Development Agency (PEDA): District headquarter of PEDA is situated in the office of Additional Deputy Commissioner (Dev.), District Administrative Complex, Ludhiana. PEDA was formed in Sept. 1991 as a state nodal agency for promotion and development of renewable energy programmes/projects and energy conservation programme in the state of Punjab. PEDA is registered as a Society under the Societies Act of 1860.

PEDA is operating in the following broad functional areas :

- Promotion and Development of Small/Micro Hydel projects on canal falls.
- Promotion and Development of Biomass/Agro residue based power projects.
- Co-generation power project in Sugar Mills and Paper industry.
- Promotion and Development of Solar Photovoltaic and Solar thermal power projects.
- Promotion and Development of Waste to Energy projects.
- Promotion and Development of Solar Photovoltaic based technologies.
- Promotion and Development of Biomass based gasifiers.
- Promotion and Development of Solar thermal systems.
- Implementation of Energy Conservation Act.
- Biogas development programme through setting up large size Institutional/Nigh Soil based biogas plants and Family Size biogas plants.
- Energy conservation.
- Solar Passive Architecture.
- Fabrication of Mobile Exhibition Vans.
- Creating Awareness & Publicity in masses to adopt Non-conventional Energy Sources and Energy Saving / Conservation.

Major project installed in Ludhiana:

- **Hi Power Methane Biogas plant at Haibowal:** The major object of this plant is to produce one MW power from the cow dung which is available in huge quantity from Haibowal Dairy Complex. This project is also eco green friendly.
- **Micro Hydel Projects:** This project is installed on the canals on Bathinda & Abohar at Dalla, Tugal, Chupki, Narangwal, Khatra, Bowani, Kanganwal & Jagerha with running capacity of 10 MW.
- More than 3000 domestic biogas plants has also been constructed which produce more than 120000 Cubic Metric gas for domestic purposes. Subsidy Rs. 8000/-
- More than 3 lacs LPD Solar water heater systems has been installed in Ludhiana district & PEDA is giving 30% subsidy in the installation of the systems.
- PEDA is also promoting solar street lights, solar cooker, solar lanterns and solar inverters.



Solar Lantern



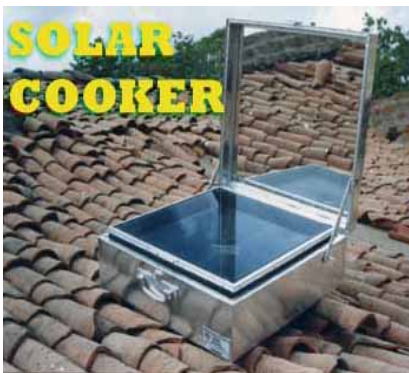
Solar Water Heating System (ETC)



Solar Water Heating System (FPC)



Solar Water Pump



Solar Cooker



Biogas Plant Domestic

For more information contact Mr. Anupam Nanda Sr. Manager PEDDA (9463140744) & visit the website: <http://peda.gov.in>