



# Auroville, a Spearhead for Sustainable Energy



At Auroville, renewable energy is being pioneered to power human unity. The Auroville Centre for Scientific Research (CSR) and its sister trust, Auroville Renewable Energy (Aurore), have worked in a wide range of sustainable energy fields to advance the environmental cause. Here are just a few of our projects.



The Solar Bowl: a high-tech solar concentrator that harvests the power of the sun to feed hungry Aurovillians. The bowl is covered with 11,000 mirrors and generates enough steam to cook 1200 meals a day.



One of the first solar power plants designed & built in India provides clean and reliable energy for the Matrimandir, at the very heart of Auroville.



The AV-55 wind pump: possibly the most cost-effective in the world. Developed right here in Auroville by Aureka.

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# Sustainable Energy Projects



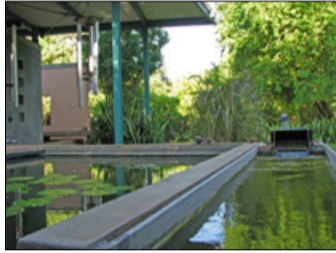
## Mission Tejas

An ambitious social project to help phase out harmful kerosene lanterns, and replace them with cleaner, healthier LED alternatives.



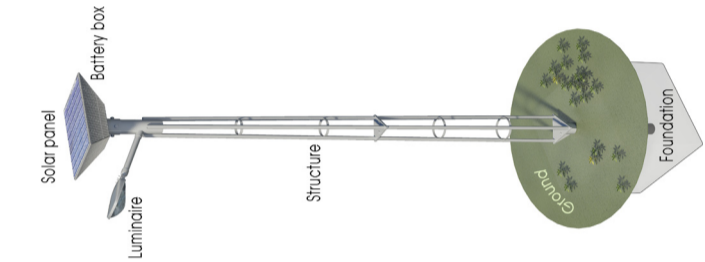
## Solar Power Packs

Aurore's Solar Home Systems can be tailor made to power anything from a couple of lanterns to an entire modern home.



## Waste Water Treatment

Natural decentralised waste water treatment systems which treat grey and black waste water for reuse in irrigation.



## Solar street lights

This Aurore design provides reliable lighting independent of the grid, and is ideally suited for use in just about any part of India.



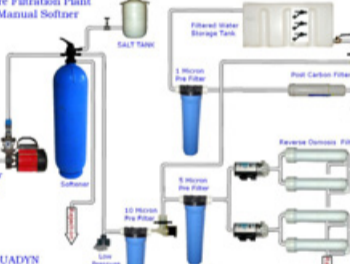
## Solar Water Heaters

Another product that people across India are now using. Simple and durable, it provides hot water with zero running cost.



## Hybrid Vehicles

Buggies and bikes powered in all kinds of ways, from hybrid engines to solar panels, have been built and road tested in Auroville.



## Water Purification

Aquadyne Research Centre designs and builds systems giving dynamised water for homes and larger machines for community use.



## Design, Energy and Water Institute (DEW)

DEW Institute was initiated to bring together all the experience CSR-Aurore has from its activities and projects into a comprehensive educational setting.



## Education and Training

Aurore is committed to helping people understand and maintain our products, so that they provide their full benefit for as long as possible.

To find out more about Sustainable Energy in Auroville, visit:

<http://www.aurore.in>

<http://www.auroville.org/research/csr/csr.htm>