

ORB ENERGY, INDIA



LIGHTING UP LIVES

In rural areas of India, households use kerosene or other fossil fuels for energy and grid supply can be unreliable. Blackouts are not unusual and energy demand outstrips supply.

Orb Energy manufactures, sells, installs and services a range of high-quality solar energy systems for residential and commercial customers in India. This project has brought over 160,000 reliable solar power and solar water heating systems to customers throughout the country. It also reduces around 52,000 tonnes of CO₂e per year by replacing the use of kerosene or dirty grid electricity.

Household electricity bills are reduced by more than 50% when solar energy is used for water heating. Businesses are able to operate for longer and more consistently. Improving productivity and lighting at home means greater opportunity for children to study.

**3 FREE MAINTENANCE VISITS IN
FIRST YEAR OF PURCHASE EXTENDS
PRODUCT LIFESPANS**

**HIGHLY SKILLED ENGINEERING JOBS
CREATED IN ORB'S FACTORIES**

**WIDE BRANCH NETWORK
THROUGHOUT INDIA MEANS PRODUCTS
ARE ACCESSIBLE**



DELIVERING THE GLOBAL GOALS (SDGS)

Verified under Gold Standard for the Global Goals:

3 GOOD HEALTH AND WELL-BEING



Replacing fossil fuels in the home and workplace helps to reduce air pollution and the risk of burns.

4 QUALITY EDUCATION



Providing ongoing training builds a skilled workforce. Providing reliable light after sunset means more time for reading and homework.

7 AFFORDABLE AND CLEAN ENERGY



Orb has provided over 160,000 clean, solar energy solutions to homes and businesses throughout India.

8 DECENT WORK AND ECONOMIC GROWTH



Over 300 skilled jobs created in solar sales, installation and servicing, 100 of which are technicians.

13 CLIMATE ACTION



Emission reductions increasing year on year, currently around 52,000 tonnes of CO₂ annually.

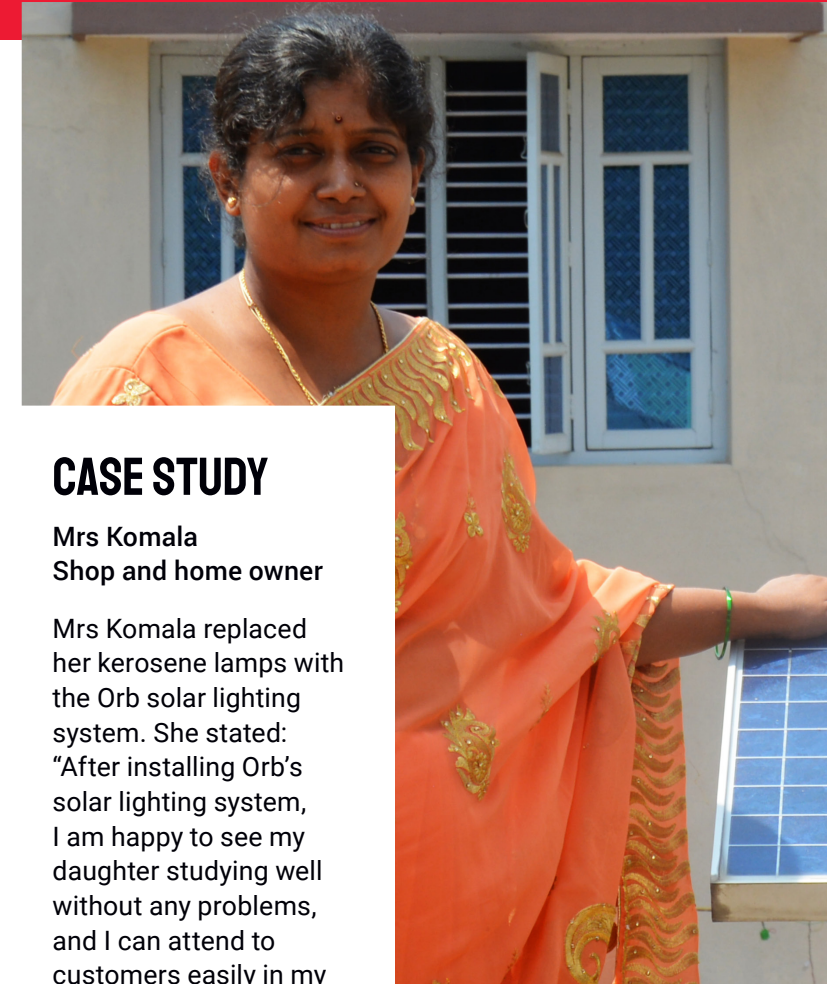
Additional SDGs supported:

1 NO POVERTY



Helping households and SMEs cut their electricity bills by up to 50%.

“MY DAUGHTER WAS FINDING IT VERY HARD TO STUDY WITH A KEROSENE LAMP, DUE TO ITS SMOKE AND DIM LIGHTING.”
MRS KOMALA – ENTREPRENEUR AND MOTHER



CASE STUDY

Mrs Komala
Shop and home owner

Mrs Komala replaced her kerosene lamps with the Orb solar lighting system. She stated: “After installing Orb’s solar lighting system, I am happy to see my daughter studying well without any problems, and I can attend to customers easily in my shop.”

WHAT THE CARBON FINANCE DELIVERS

Expansion of Orb Energy across India would not have been possible without the carbon finance. This extra funding stream supports the branch network, marketing and financing options, ensuring clean energy is available to a wider customer base.

As manufacturers, distributors and servicers of their own highest quality solar products, Orb is able to maintain unrivalled standards of service and care. The carbon finance funds three training and maintenance visits with customers in the first year. This ensures a deeper understanding of the systems, prolonging the lifetime of the products and keeping them in working order for longer. As a result, customer satisfaction levels are high, driving further business.



GET IN TOUCH:

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