

Solar Water Heating Systems

Solar Water Heater

A Boon To Be Happy

Your Empowerment Through SOLAR WATER HEATER

- Oh! It is too Cold!
- What? No hot Water!
- Power Cut!
- High Electricity Bills!

Do not panic! Syndicate Bank can help you to have copious hot water. Powercuts and rising electricity bills are past worries; You are free from such hassles.

Syndicate Bank launches an Eco-friendly low interest loan scheme to solve your energy crisis in collaboration with Ministry of Non-Conventional Energy Sources, Government of India.

You can harvest solar energy through solar water heating system financed under the scheme. Utilise the opportunity to install the system with soft loan facility from all the branches of Syndicate Bank and save substantially your time, money and energy.

WHAT IS IT! Solar Water heater is a device to heat the water upto a temperature of 60 C to 80 C.

WHAT IT COMPRISES OF? The system consists of a flat plate collector, water storage tank, pipes and fittings. It can be used for domestic and commercial purposes, depending on your need.

How it works? The solar energy incident on the absorber panel coated with selective coating transfers the heat to rising pipes underneath the absorber pane. The water passing through the riser gets heated up and is delivered to the storage tank.

How much it costs? (Approximate unit costs of Solar Water heating Systems of Bureau of Indian Standards certification.

System Capacity in

Liters per day (LPD)	Cost of the System	
	For Flate Plate Collector (FPC)	For Evacuated Tube Collector (ETC)
100 LPD	₹22,000 – 31,000.	₹18,000 – 20,000.
150 LPD	---	₹25,000 – 28,000.
200 LPD	₹48,000 – 52,000.	₹31,000 – 33,000.
250 LPD	₹ 53,000 – 60,000.	₹ 35,000 – 40,000.
300 LPD	₹65,000 – 70,000.	₹ 41,000 – 49,000.
400 LPD	₹ 80,000 – 88,000.	₹60000 – 65,000.

What About MAINTENANCE?

Nothing to worry!

It is very minimal except periodic glass cleaning, checking the leakage and valve functioning.

REVISED SCHEME FOR FINANCING SOLAR WATER HEATING SYSTEMS

With a view to promoting widespread use of solar water heaters, the above scheme has been introduced incorporating the following features:

- a. The revised scheme is being implemented in collaboration with Indian Renewable Energy Development Agency Ltd. (IREDA), a Public Sector Company and the corporate financing arm of the Ministry of Non-conventional Energy Sources.
- b. Solar Water Heating Systems comprising of Flat Plate Collectors (FPC) or Evacuated Tube Collectors (ETC) are eligible to be financed under the scheme
- c. The Entrepreneur will have the option to avail Capital Subsidy or Soft loan at an interest rate of 5% p.a. But for Entrepreneurs who opt for availing Soft loan at 5% p. a, no subsidy will be available. The entrepreneur who is opting for capital Subsidy is eligible to get subsidy as follows:
 - For Flat Plate Collector (FPC) System @ 30% of the bench mark or ₹3300/- per Sq. M of Collector area whichever is less (In case of domestic and institutional users in special category states i.e., Himachal Pradesh, Uttarakhand, J & K and NE states it is @60% of bench mark cost or ₹ 6600/- per Sq. M whichever is less).
 - For Evacuated Tube Collector (ETC) System @ 30% of the bench mark or ₹3000/- per Sq. M of Collector area whichever is less (In case of domestic and institutional users in special category states i.e., Himachal Pradesh, Uttarakhand, J & K and NE states it is @60% of bench mark cost or ₹ 6000/- per Sq. M whichever is less).
- d. The loan is repayable over a period of 5 years.