

# INTRODUCTION TO SOLAR WATER HEATERS

Solar water heater (SWH) systems use energy from the Sun (Solar radiation) to heat water that can be used for bathing as well as washing clothes and most typical household equipment. Solar water heaters are simple, easy to install, and are connected to your existing water supply system.

Water heating is reported to be the third largest energy consumer in homes. By heating your water with a SWH, you can reduce dependency on electricity, fossil or biomass fuels and save money, and improve the environment. A SWH could especially help save money if your home has been using electricity, natural gas or charcoal to heat water, because of the rising cost of these energy sources.

Solar Water Heaters are available in different categories as highlighted in the table below

SWH Category	Tank Capacity	Grant	Loan (Interest-free)
1st Tier with 2 bar pressure	300 L	\$ 400	\$ 800
	200 L	\$ 250	\$ 600
2nd Tier with 0.6 bar pressure	300 L	\$ 300	\$ 700
	200 L	\$ 200	\$ 550
3rd Tier unpressurized	300-250 L	\$ 200	\$ 600
	200-180 L	\$ 150	\$ 500
4th Tier Non-residential	Any	No grant	75% of the quotation

## Notice

*In case the total cost of a solar water heater is bigger than the amount of the grant and the loan provided by EDCL, the customer shall pay the balance to the supplier.*

## REQUIREMENTS AND PROCEDURES FOR EDCL CUSTOMERS TO GET SWHs FROM SOLARWANDA PROGRAM

- Be a WASAC and EUCL customer with water connection at a minimum pressure of 2 bars
- Select one of the SWH eligible suppliers working with EDCL to get quotations for the installation
- Pay an application fee of 30,000 Rwf on bank account No. 1000023147 located in BNR
- Sign a contract of participation agreement certifying your obligation to refund the loan to be provided by EDCL
- Accept to pay the selected supplier any extra money that may not be covered by the grant and the loan provided by EDCL
- The customer starts to reimburse the loan provided by EDCL when the solar water heating system has been installed and inspected for proper functioning
- The solar water heater installed to an EDCL customer through SolaRwanda, carries a free maintenance guarantee
- Solar water heaters acceptable under the SolaRwanda Program have been testified to conform with the internationally recognized standards of Solar Key mark.

SELECT ONE ELIGIBLE SUPPLIER OF YOUR CHOICE FROM THE FOLLOWING CURRENTLY WORKING WITH THE EDCL-SOLARWANDA PROGRAM

Company	Phone
Entreprise Rutagarama	0788518439
Fidèle	0787523778
GLOBAL EVOLUTION ENERGY	0788513617 0781822442
NESELTEC Ltd	0788830748
INTERTECH	0788519597 0727910676



## Solar Water Heaters

### INVEST NOW FOR A BRIGHTER FUTURE

- 1. REDUCE YOUR ENERGY BILLS:** Using a Solar Water Heater will save money spent at home for heating water.
- 2. QUALITY:** Invest now in a more Efficient Water Heating System that will last for over 20 years!
- 3. LONGER LIFE SPAN:** As there are no moving parts and the materials used are corrosion-resistant.
- 4. VALUES:** A solar water heater will increase the value of your house!
- 5. COMFORT:** Enjoy the comfort of plenty of hot water in your home using free energy from the Sun.
- 6. ENVIRONMENT:** Protect the environment by using an environment-friendly energy source.



Energy Development Corporation Ltd (EDCL)  
in Partnership with the  
Nordic Development Fund (NDF)



The national Program for the Development of  
Solar Water Heaters Market in Rwanda  
(SolaRwanda Program)

For more detailed information on SolaRwanda Program,  
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USE THE SUN'S UNLIMITED  
FREE ENERGY TO PROVIDE  
UP TO **80%** OF YOUR HOT  
WATER HEATING NEEDS

A SUBSIDIARY OF 

