



renewable energy solutions

An ISO 9001: 2015 Certified company

Pushing Our Limits To Provide The Highest Quality Services.

- Swimming Pools • Fountains •
- Solar Power Plant • Solar Heater • Solar Lighting •

Company Profile

As the name suggests, Renewable Energy Solutions, was incorporated with the only motive of providing products and solutions by using renewable resources, which get naturally replenished on human timescale. With 3 different business interests, today we are helping conserve a major amount of energy for the society.

With diversified and unique application of technology we target on saving water, and electricity through our various products and services.

From effective water management to solar energy harvesting and utilisation, we are targeting a very major segment of the market, which will eventually benefit the future generations to come.



Solar Panel



Solar LED Lighting



Fountain



Swimming Pool

Few of our esteem customers :



www.resgroup.in

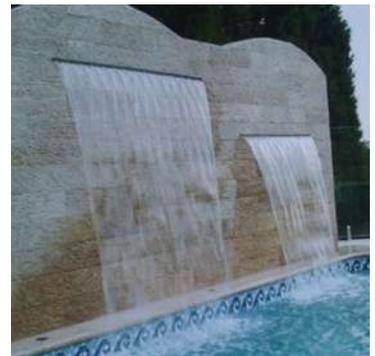
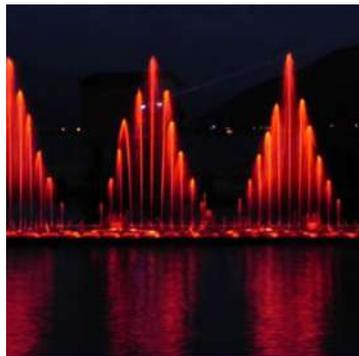
Swimming Pools & Fountains

We are dedicated and motivated to provide you the best solutions when it comes to :

- » Swimming Pools
 - » Jacuzzi & Spool
 - » Fountains
 - » Decorative water pieces
 - » Elegant underwater lighting
 - » Landscaping solutions
-

We ensure this through our 10 years experience , best quality products, customisable solutions , 24 x 7 helpline and efficient after sales service.

We specialise in the design and construction of world class swimming pools, jacuzzis , fountains and spas across India. We also bring to you accessories and equipment ranging from filtration plants, lights, heating systems and more from world renowned brands. Finally, you can leave the maintenance of your pool to our team of talented technicians and pool experts who will keep it as good as new



Solar

Solar energy is becoming more popular as a green alternative and becoming the go to option for sustainability.

Solar energy is radiant light and heat from the sun that is harnessed using a range of ever-evolving technologies such as solar heating, photovoltaics, solar thermal energy etc , and used for various applications like solar power plants, solar water heating, lighting etc. which , in turn, helps save us a lot of electricity and support our daily requirements.

Solar street lights provide a better value for cost, optimum lighting, renewable source of energy, lower maintenance, and easier installation. With all these factors added up, solar street lights can be the best replacement for most applications. One of the biggest game changing factors happening now is the reduction in the cost of solar panels and the efficiency ratings of batteries are constantly improving. Street lights powered by solar are grid free and can run reliably under almost any condition. The lights can run from dusk to dawn if required, or any other needed operating configuration such as split time or even using adaptive lighting technology. They can even reduce light pollution by using cut off fixtures and aimed optics through new LED technology. We at RES provide various solutions with solar power technology and help in optimum utilisation of energy & space, making the entire process economical.

Solar water heaters are the most economical and widely used application of solar energy. These provide heated water for various uses , deriving all the heat from the sun. In which case, we save on the costs of electric geysers and the recurring expenses for the same.

Our focus remains on three major applications

01. Solar panels for industrial and commercial use



02. Solar LED street & flood lights



03. Solar Heaters



Every second, our sun produces enough energy to sustain Earth's needs for 5,00,000 years.

Specifications/ Models	RES 9W SSL	RES 12W SSL	RES 18W SSL	RES 27W SSL	RES 36W SSL
Module Capacity	45W	50W	75W	100W	125W
LED Luminary Capacity	9W	12W	18W	27W	36W
Battery Capacity 12V, C/10	40Ah	60Ah	75Ah	100Ah	120Ah
Pole Length	5.5m	5.5m	5.5m	5.5m	5.5m
Battery Atonomy	44 Hours	55 Hours	43 Hours	3 Days or minimum 35 operating hours	3 Days or minimum 35 operating hours
Protections	Load Side : Reverse polarity protection, short circuit protection Battery Side : Over charging / discharging, Reverse polarity PV Module : Reverse current flow protection from battery to modules at night				



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