



**Energy
Renovated**

COMPANY PROFILE

Thomas Alva Edison said: "I had put my money on the Sun and Solar Energy, I hope we don't have to wait until oil and coal run out, before we tackle that"

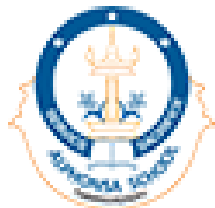
REECCO ENERGY INDIA PVT LTD

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OUR MAJOR PROJECTS



ABOUT REECCO

Reecco Energy India Private Limited (Reecco) is a CRISIL rated Engineering & Technology Company based in India with substantial background in the solar value chain and specializes in products that are MNRE (Ministry of New & Renewable Energy-Govt. of India) approved with IEC/TUV certification. With extensive experience in the design, procurement, and installation of solar PV systems, Reecco is built with a strong belief that solar energy is going to be the ultimate alternative to fossil fuels, especially in Indian circumstances. It is not only clean energy but also an economical option for various applications

Our emphasis on quality and excellence has allowed us to offer customized solutions to our clients ensuring higher return on investment. We focus on innovative approach to commercialize solar solutions. Our highly skilled team offers in-house knowledge for design and erection of off-grid and grid tied solar power plants. Our target is to reach masses through superior systems developed with continuous R&D efforts. We strive to attain excellence in quality through a culture of continuous improvement.

VISION

Develop and execute clean and green energy projects to make our planet a better place for every living and non-living beings and hand it over safely to our future generations. Be a globally respected Green Energy Solutions Provider.

MISSION

Unlock the potential of solar power. Customize solar energy applications that cater individual and community needs.

OUR VALUES

Focus on the Market, Achieve by working smart, Collaborate and Transparent (FACT)

OUR DNA

Imagine-Collaborate-Achieve-Celebrate



Years of operation

25 Years of experience.
Incorporated as Pvt. Ltd
in March 2013

Product Certifications

Use products which are
IEC/TUV certified

Legal Status

Private Limited
Company

**REECCO ENERGY
INDIA PRIVATE
LIMITED**

Accreditation

MNRE- Govt. of India.
ANERT- Govt. of
Kerala

Installed Capacity

2 MW+ Installations.

Corporate Identity No

U29307KL2013PTC033635



OUR PRODUCTS & SERVICES

❖ Grid Tied System (ON Grid)

- Site Survey, Preparation of DPR
- Customized hot dipped GI or anodized Aluminium mounting structure
- Installation, Inspection and commissioning of Projects
- Assistance for KSEB and Inspectorate Proceedings
- Remote Monitoring of Solar Energy Production
- 5 year free comprehensive warranty and preventive maintenance
- Post Installation periodic services in a time gap of 6 months
- Quick and effective emergency service support system (365 days)

❖ Hybrid System

- Grid tied solar system with energy backup and much more.
- Existing On-grid System can be converted to hybrid
- Battery- Lithium ion, Gel and lead acid batteries available

Commissioned 2MW+ Projects across Kerala

700+ Satisfactory Clients

Customized Solutions



OUR PARTNERS

SOLAR MODULES

HANWHA Q CELL

Q CELLS manufacturers. High-quality solar cells and modules make them the premier product brand in the world. Q CELLS solar modules are engineered in Germany, meet the highest quality standards, extremely reliable and achieve outstanding energy yields. Champions of Mono PERC technology in the world. World's largest manufacturer of Mono perC cells.



ATUM SOLAR

A breakthrough invention in the field of sustainable energy. Atum is an integrated solar roofing system that serves all the functions of a traditional roof. Atum manufactures integrated solar panels with a cement base. Atum is both- the roof and the solar panel. It provides a sleek and simpler integrated solar roofing system that increases energy generation by 20%.



PANASONIC

Panasonic premium HIT® solar panels deliver sleek design, industry-leading power conversion, extreme all-weather durability and bigger energy savings for every home. As midday temperatures rise, conventional panels weaken. Featuring an industry-leading temperature coefficient of $-0.258\% / ^\circ\text{C}$, Panasonic patented cell design delivers peak efficiency, even in the hottest climates.



HHV SOLAR

HHV Solar Technologies (HHV ST) is one of the most reputed and trusted solar module brands in India known for its premium, high performance, reliable Crystalline silicon Solar PV Modules. Tier - 1 Solar PV Module Manufacturer globally (Bankability rating by BNEF).



TRINA SOLAR

World's leading solar manufacture with more than 1300 patents filed so far. Trina is considered as one of the best bankable solar panels in the world with high quality, high energy yield and affordable price



WAAREE

Waaree Energies is the tier 1 solar PV manufacture in



ENERGIES

India with 2 GW module manufacturing capacity. It has presence across 70 plus countries across the world and has supplied more than 2.5 GW of modules.

ADANI SOLAR

Adani Solar is India's first and largest vertically integrated solar company that offers products along with services across the spectrum of photovoltaics manufacturing. First manufacturer in India with IEC 2016 certification in all Stock Keeping Unit. Adani Solar has a Platinum-rated manufacturing facility.

VIKRAM SOLAR

Vikram Solar, one of India's leading module manufacturers has been featured among Fortune India's Next 500 companies in India. Vikram Solar's annual PV module production capacity stands at 1.2 GW and the company has shipped over 2.4 GW PV modules globally to date

GRID TIED INVERTERS

SOLAR EDGE



In 2006 Solaredge revolutionized the solar industry through a better way to harness solar power with panel-level power electronics products. Today Solar edge is the world leader in panel-level power optimizer with 12 years of inverter and 25 years of optimizer warranty.



FRONIUS



Fronius the Austrian leader in power electronics was established in 1945 and entered into the solar business in 1992. Fronius with 30 subsidiaries across the world is the leading exporter of solar inverters. Higher quality and cutting edge technology has made Fronius a leading brand in the solar industry for the past two decades and considered as the most reliable and bankable solar inverter in the world



HUAWEI



With an established presence in solar markets worldwide, Huawei provides new generation string inverters with smart management technology to create a fully digitalized Smart PV Solution – Fusion Solar®. Fusion Solar® is smart, safe and reliable whilst consistently delivering high yields and ROI, making Huawei the preferred choice for investors and developers worldwide. Huawei has been ranked as No.1 in the world for global inverter shipments from 2015 to 2018



FIMER/ABB



ABB offers the industry’s most comprehensive portfolio of products, systems, solutions and services to optimize the performance, reliability and return on investment of any solar installation – from residential rooftops to commercial and industrial applications and utility-grade power plants. With a proven track record in solar since the 1990s, global presence and expertise from solar systems to grid connection and integration to smart grids and micro grids, ABB is the most trustworthy industry giant. The Italian firm ABB has recently sold its solar division to another leading solar industry leader from Italy, Fimer.



HYBRID INVERTERS

STUDER



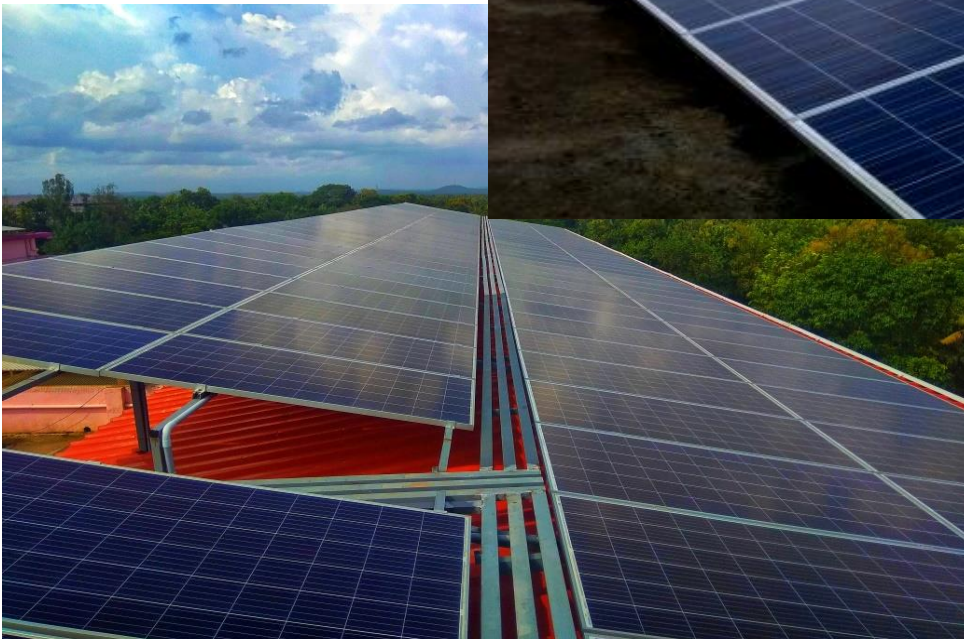
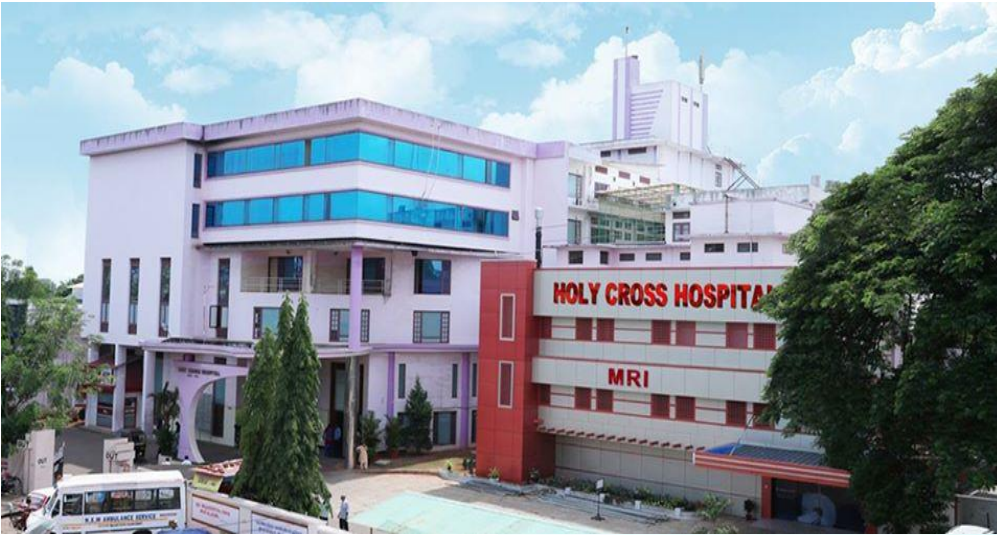
Studer Innotec, founded in 1987 by Roland Studer, is an ISO certified company that develops and manufactures inverters, inverter/chargers and MPPT solar charge controllers entirely in Switzerland. Studer products are designed to be reliable, have a long lifetime and to provide peace of mind. They come with a 10-year warranty and can be expected to work as good as the first day for much longer than that.



OTHER ELECTRICAL ACCESSORIES



OUR MAJOR PROJECTS



HOLY CROSS HOSPITAL, KOTTIYAM - 232.5KW

Solar Module : **Vikram Polycrystalline** || Inverter : **ABB, Refusol** || Status : **On-going project**





INDIRA GANDHI INSTITUTE OF DENTAL SCIENCE, KOTHAMANGALAM - 100KW

Solar Module : **HHV Monocrystalline** || Inverter : **ABB** || Status : Commissioned on **29/10/2019**





SH HOSPITAL PAYNKULAM - 50KW

Solar Module : **Vikram Polycrystalline** || Inverter : **ABB** || Status : Commissioned on **17/02/2018**





ETTUMANOOR VYAPARABHAVAN TRUST - 50KW

Solar Module : Waaree Mono Perc || Inverter : ABB || Status : Commissioned on 31/08/2019





PUCB, THRIPUNITHURA - 50KW

Solar Module : **Vikram Polycrystalline** || Inverter : **ABB** || Status : Commissioned on **13/01/2019**





THRISSUR MEDICAL COLLEGE ALUMNI ASSOCIATION - 50KW

Solar Module : **Vikram Polycrystalline** || Inverter : **ABB** || Status : Commissioned on **21/03/2020**





ALPHONSA ENGLISH MEDIUM SCHOOL THAMARASSERY - 50KW

Solar Module : **Waaree Mono Perc** || Inverter : **Solar Edge** || Status : **On-going project**





VETTOOR SILKS, ETTUMANOOR - 30KW

Solar Module : **Vikram Monocrystalline** || Inverter : **ABB** || Status : Commissioned on **22/01/2019**





ST GEORGE FORANE CHURCH ARUVITHURA - 30KW

Solar Module : **Vikram Polycrystalline** || Inverter : **ABB** || Status : Commissioned on **29/01/2019**





NIRMALA HSS MUVATTUPUZHA 25KW

Solar Module : Vikram Polycrystalline || Inverter : Fronius || Status : Commissioned on 03/01/2018





SANTHIGIRI COLLEGE, VAZHITHALA - 25KW

Solar Module : **Vikram Polycrystalline** || Inverter : **Fronius** || Status : Commissioned on **12/04/2016**





VIMALAGIRI PUBLIC SCHOOL KOTHAMANGALAM – 25KW

Solar Module : **Vikram Polycrystalline** || Inverter : **Fronius** || Status : Commissioned on **17/02/2018**





URBAN CO-OPERATIVE BANK THODUPUZHA - 25KW

Solar Module : **Vikram Polycrystalline** || Inverter : **Fronius** || Status : Commissioned on **24/11/2015**

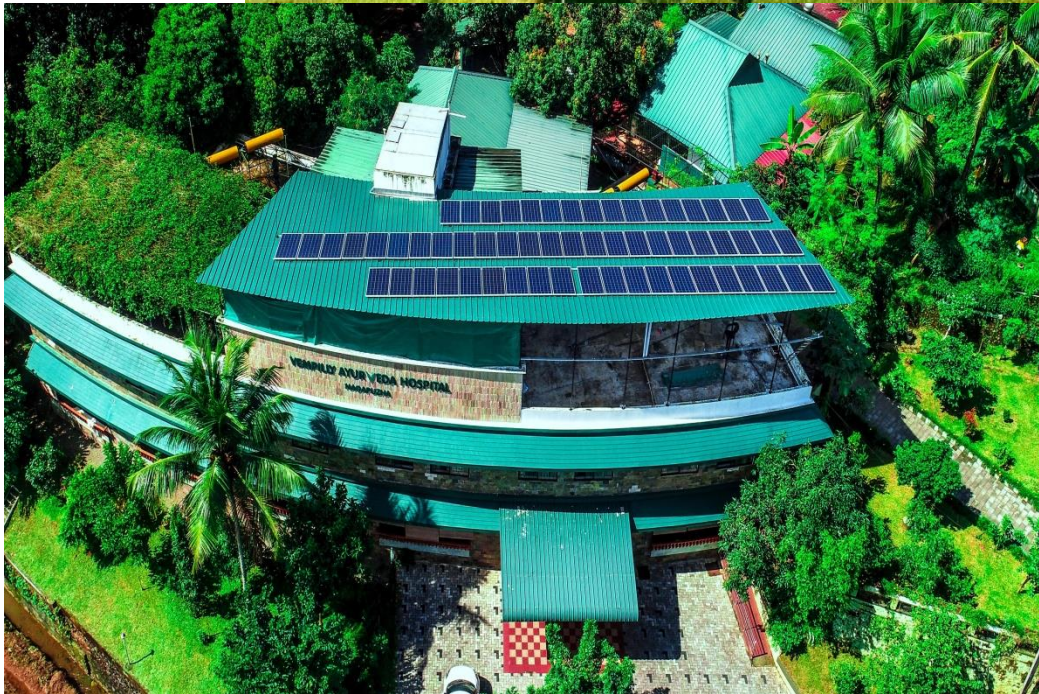




ST. SEBASTIAN'S CHURCH, THODUPUZHA - 20KW

Solar Module : Vikram Polycrystalline || Inverter : Fronius || Status : Commissioned on 26/11/2018

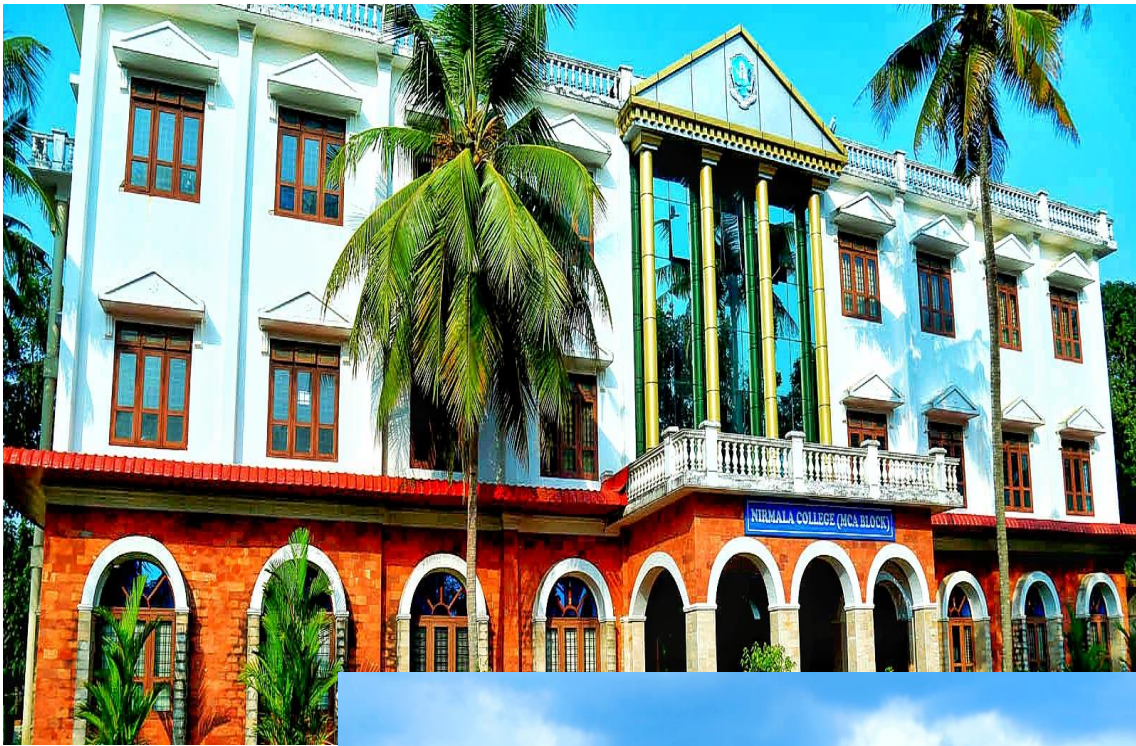




VEMPILLY AYURVEDA HOSPITAL, NAKAPUZHA – 20KW

Solar Module : **Vikram Polycrystalline** || Inverter : **Fronius** || Status : Commissioned on **22/07/2019**





NIRMALA COLLEGE MCA, MUVATTUPUZHA 15KW

Solar Module : **Vikram Polycrystalline** || Inverter : **Fronius** || Status : Commissioned on **05/01/2018**



RESIDENTIAL INSTALLATIONS



Grid Tied Systems (3kW, 5kW, 10kW)

- Assistance for bank loan facilities
- Fronius, Solar Edge, ABB Inverters
- Waaree, HHV, Adani, Panasonic Solar Modules

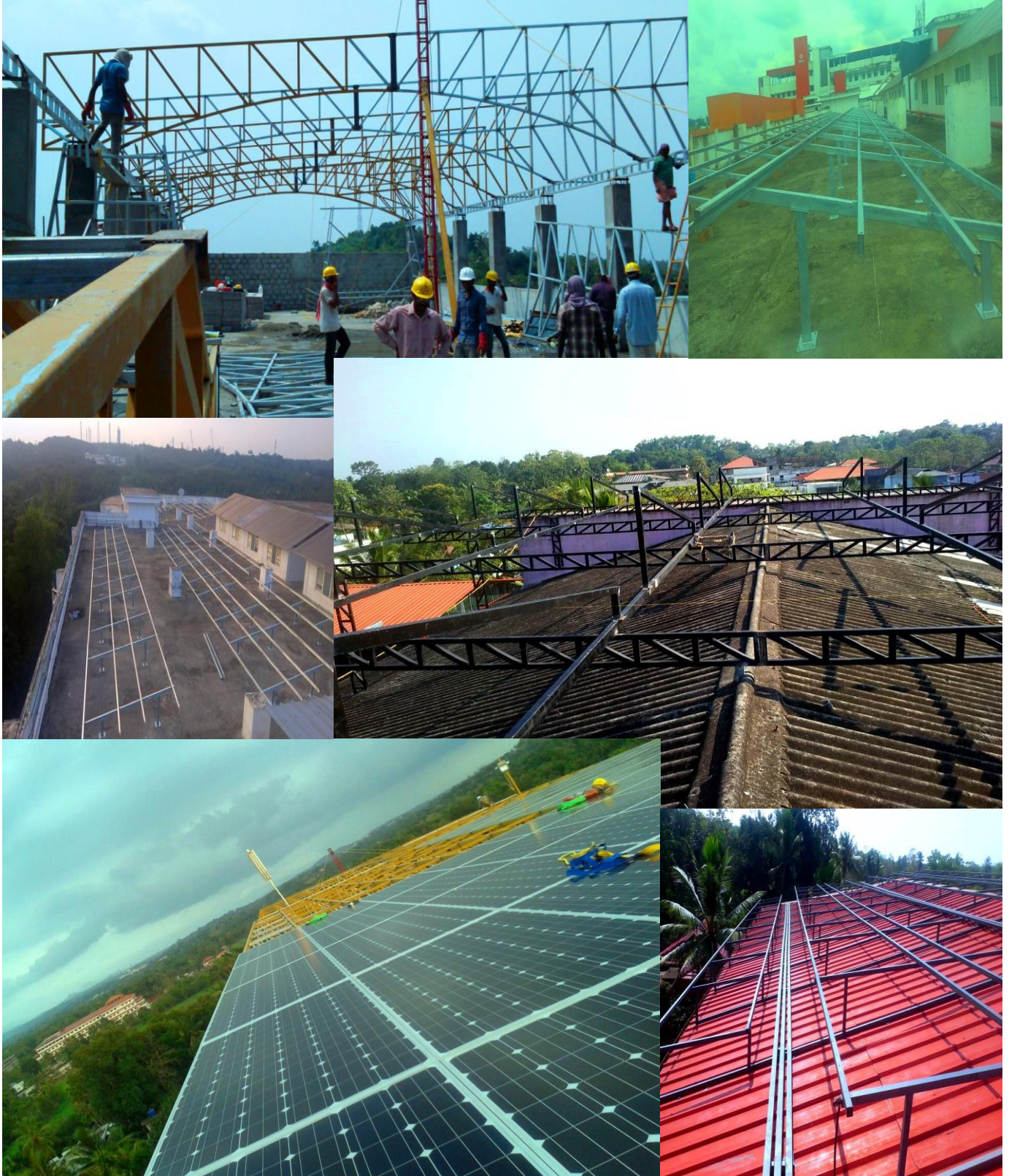
Hybrid Systems

(Existing On-grid systems can be converted to Hybrid)

- Solar Grid Tied system with Energy backup and much more
- Studer Inverter – 10year warranty
- Battery: Lithium ion, Gel & Lead acid batteries available

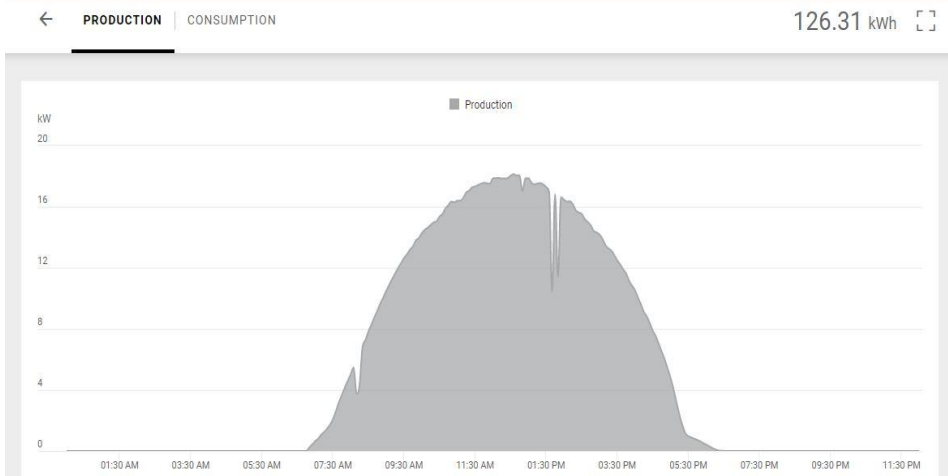


OUR TEAM AT WORK



SOLAR REMOTE MONITORING

Fronius URBAN BANK 25KW SPP Product registration 59



Fronius Khalid T - 5kW SPP Product registration 57

← **OVERVIEW** | ANALYSIS | ENERGY BALANCE | REPORTS | SERVICE MESSAGES | SETTINGS

CURRENT POWER

3.15 kW
Utilization 53 %

ENERGY BALANCE TODAY

16.32 kWh

EARNING

Total **0.00 INR**

CO₂ SAVINGS TOTAL

2,948.43 kg

KHALID T - 5KW SPP

THRISSUR FORECASTIO

33°
and falling
Humid and Partly Cloudy
Wind: 5 m/s (WV)

Day	Today	Fri	Sat	Sun	Mon	Tue	Wed	Thu
High	34°	34°	35°	34°	35°	34°	35°	35°
Low	26°	26°	27°	27°	27°	27°	27°	27°

Status ● **NORM**

Power Right Now **15.86 kW**

Energy Generation **TODAY 29.8 kWh** **LIFETIME 60.2 MWh**

Weather near Emakulam, IN **88°F**
Haze
Atmosphere: Humidity: 74% Pressure: 29.86 in Hg Visibility: 13123.36'
Wind: Speed: 3.36 MPH Direction: 180





Choose a site (insert at least 3 letters to search):

selvaraj,varapuzha

Current Power 1.59 kW	Energy today 11.34 kWh	Energy this month 93.2 kWh	Lifetime energy 960.06 kWh
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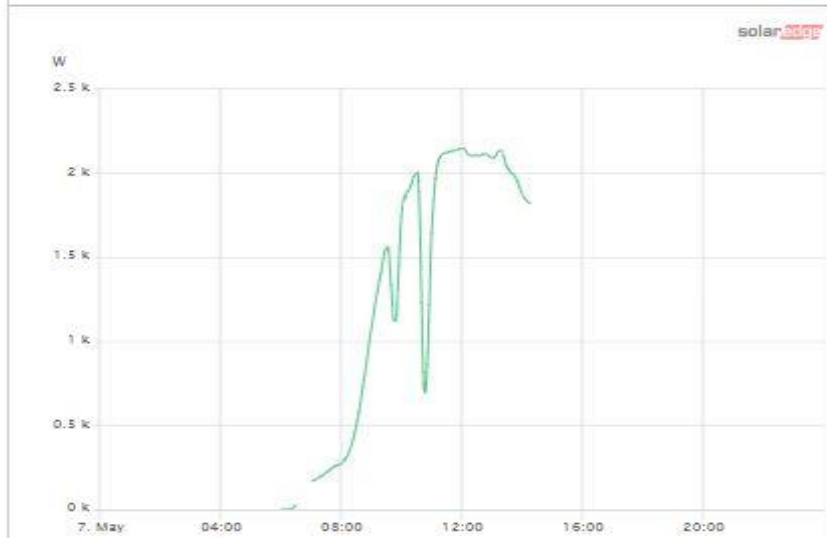


Power and Energy

Day Week Month Billing Cycle Year

07/05/2020

System Production: **11.34 kWh**



Site Status	✔
ID	1489636
Name	selvaraj,varapuzha
Address	SNDP, Varapuzha, State of Kerala, India
Installed	07/02/2020
Last Updated	07/05/2020 14:18
Peak Power	3.04 kWp

Cloudy
25 °C
Feels like 25 °C
Wind N, 0 km/h
Humidity 94 %
Sunrise at 06:06
Sunset at 18:38

<p>Thursday</p> <p>32 - 25 °C 60% Chance of Storms</p>	<p>Friday</p> <p>32 - 26 °C 50% Chance of Storms</p>
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Environmental Benefits

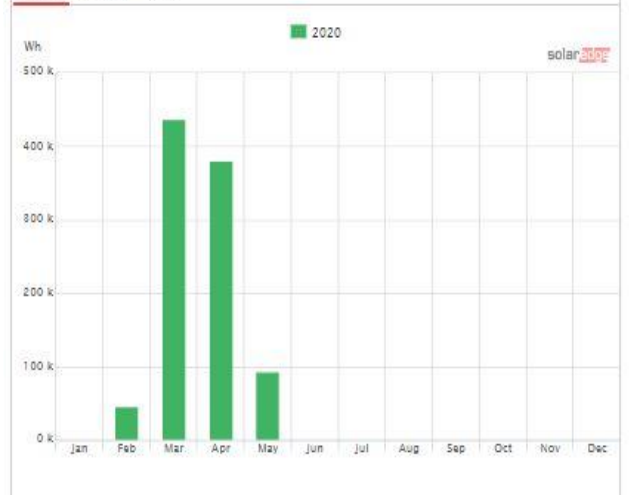
CO2 Emission Saved
376.34 kg

Physical layout

1.48 kWh	1.46 kWh	1.37 kWh	1.38 kWh
1.0.1	1.0.7	1.0.3	1.0.5
1.42 kWh	1.38 kWh	1.34 kWh	1.27 kWh
1.0.4	1.0.2	1.0.6	1.0.8

Comparative Energy

Month Quarter Year



ACCREDITATIONS AND AWARDS

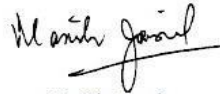


MNRE CRISIL-Solar Grading

Reecco Energy India Private Limited
Idukki
has been awarded



for its capability as a System Integrator in the Off grid Solar Photovoltaic segment
The grading is valid till **October 13, 2018**



Manish Jaiswal
Senior Director- SME Ratings, CRISIL



CONTACT DETAILS

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