



Agaram
power solution



Company Profile

Agaram power solution is one of the leading company, which was established from 2008 at India (Madurai - Tamilnadu). Agaram power solution is a renewable energy company created to provide green solutions at an affordable price and to meet the increasing energy demands of the society. We provide energy solutions to both domestic and industrial needs.





About

- Focused on installing best quality rooftop and ground mounted solar photovoltaic projects.
- We have in-house capabilities across all aspects, including Design, Engineering, Procurement, Construction, Monitoring and Maintenance.
- We adhere to worldwide standards and practices across Products, Process, Technology and Safety.
- Provide installation work using the power tools with experienced personnel.
- We are providing products like, Solar Power Plant On grid, Off grid, Solar pump set, Solar street light and Solar water heaters.
- AGARAM is a prominent manufacturer of Solar street lights, offering a wide range of models up to 100W. Our solar streetlights are government lab approved, ensuring high-quality and reliability. We take pride in manufacturing our solar streetlights, making them cost-effective and easily accessible. Our Manufacturing facility is capable of producing 5000 streetlight units every month.



About

- Our All in One Solar Street light is a compact and modern lighting solution, integrating a solar panel, LED light, Lithium Ferro Phosphate (LiFePO₄) battery, and a PIR motion sensor. The solar panel voltage detects day/night conditions and automatically turns the light on at sunset and off at sunrise. (Dusk to dawn operation). As a leading solar light manufacturer, we prioritize the reliability and quality of our products. Solar lights are made using highquality materials and are designed to perform well in rough environmental conditions. We supply All in One solar lights for commercial, Government projects, and tenders at attractive prices. As we have an in-house R&D department, we use indigenous technology and can customize solar street lights according to our customer's requirements.
- Agaram student's development program is organized to enhance the College student technical knowledge, providing Technical Workshop, seminar for the colleges, and providing employment guidance to young minds as full time and part time workers / Entrepreneurs.

Mission & Vision & Policies

Mission

Spreading the effectiveness of solar energy all over the world through our branded quality products. To build healthy relationships with our customers based on product and services to ensure a competitive edge in the market. See our extensive range of solar products to find the right solution for every budget. Taking efforts on spreading awareness about solar products and its uses to every nooks and corners of the world.

Vision

To become a leading provider of affordable, innovative & high quality renewable energy solutions beneficial to the residential, commercial, institutional and industrial consumers all over the world.

Our goal is to satisfy the expectations of every client by offering outstanding products and service at great value to optimize payback to customers for their investments.

Policies

- Compatible installation & services on every budget.
- Quality assurance and branded products.
- On time services based on our company's terms and conditions.
- Maintaining good relationship with customers.
- Excellent commitment.
- Eco- friendly based services and installation.

What we do ?

We continually improve the quality and environmental friendliness of our products. We committed to comply with international safety, environmental and quality standards at all times.

Solar Power Plants

The solar plant system, a Photovoltaic (PV) power plant, is a large-scale system designed to generate electrical energy from sunlight. This type of power plant utilizes solar energy to produce electricity, making it a conventional power plant. The components of a solar power plant model include panels, inverters, and other support systems that convert the sun's energy into electricity

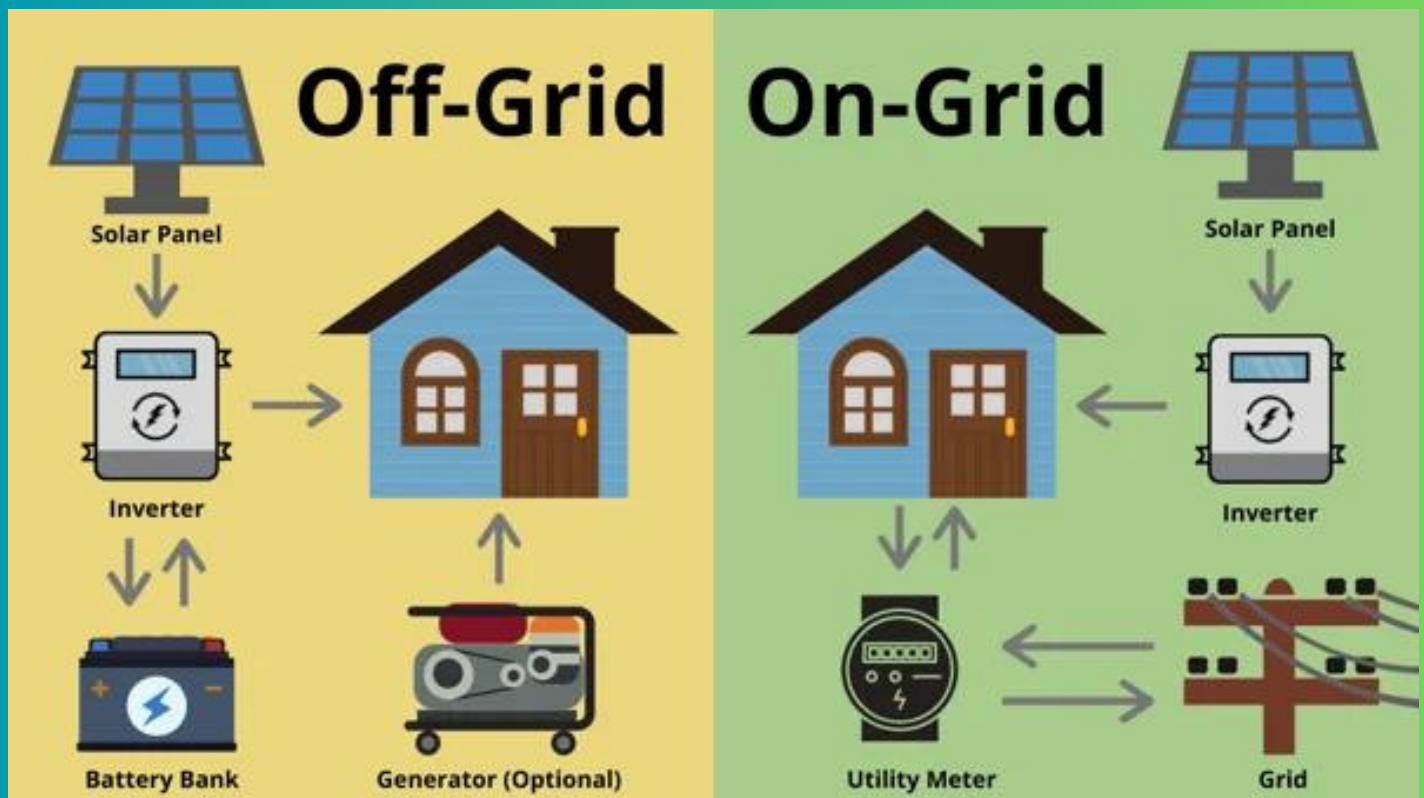


Solar On-Grid System

On grid system (grid-tied) are mini power plants connected to the utility power grid, these systems are less expensive and battery banks are not required in this set-up. They have less maintenance and are most efficient. These systems are dynamic as the entire production is consumed either at the users, end or send back to the grid. Net metering will also help users to get faster rate of return on their investment.

Solar off-Grid System

Off-grid systems are best suited for homes and small offices. They use battery banks, which are charged by the solar energy produced by the panels. This helps decrease or nullify uses, dependence on the grid.



Solar Water Pumps

A solar powered pump is a pump running on electricity generated by photo voltaic panels or the radiated thermal energy available from collected sunlight as opposed to grid electricity or diesel run water pumps. The operation of solar powered pumps is more economical mainly due to the lower operations and maintenance cost and has less environmental impact than pumps powered solar.



Solar Street Lights

With the power of sunlight, light will be available without electricity throughout the night. This light works on dusk to dawn model. When the sun rays touches the panel, the lamp turns of automatically. This lamp can be used in the garden, farm houses, streets, house and farms. It can be set up to 30 feet in height.



Solar Water Heater

The Solar Water Heater is based on the principle of black body absorption and Thermosiphon principle. The black surface of collector absorbs the heat from sun's rays and transfers the heat energy to water. Hot water being lighter rises to the insulated storage tank and an equal amount of cold water replace the Hot water. AGARAM SOLAR Products builds aesthetically adorable solar products, the glass-lines, solar panels, and tubes are perfectly positioned to give an appealing look on top of the terrace. Solar Water Heaters are eco-friendly, low on maintenance, easy to install, durable for a lifetime, and are extremely energy-efficient, the solar water heaters save over 70% of the electricity bills. As renewable energy is the only sustainable option left for the future, solar water heaters and its associated technologies are the only option available to secure the future.



We are typically involved with solar installations in the following premises:

- Residential villas
- Apartments
- Factories
- Warehouses
- Show rooms
- Commercial buildings / Offices / Hyper Markets
- Hospitals
- Universities / Colleges / Schools
- Agriculture
- Car Parking



Achievements

- We have installed more than 10 MW for Domestic and Commercial Usage.
- We Imported all type of solar panels from GERMANY,USA and CHINA.
- Technically strong working team.
- We have installed Solar Street Lights in all over INDIA, especially in Commercial purpose and Educational Institutions.
- We Installed Solar Pump Set for Agri., Purpose more than 400 numbers It is efficiently using for irrigation and cultivation that's why farmers are really satisfied.
- Solar water heaters installed more than 20,00 numbers for Hospitals, Hostels and House hold uses.



PROJECTS COMPLETED

| S.NO | YEAR | CUSTOMER NAME | SYSTEM TYPE | CAPACITY / QTY |
|------|------|-----------------------|--------------------------|--------------------------|
| 1 | 2008 | Solar PV panels sales | Solar On Grid / Off Grid | Total capacity upto 3 MW |
| 2 | 2009 | Solar PV panels sales | Solar On Grid / Off Grid | Total capacity upto 3 MW |
| 3 | 2010 | Solar PV panels sales | Solar On Grid / Off Grid | Total capacity upto 3 MW |
| 4 | 2011 | Solar PV panels sales | Solar On Grid / Off Grid | Total capacity upto 3 MW |
| 5 | 2012 | Vishvas Bakery Shop | Solar Off Grid | 1 KW |
| 6 | 2012 | Dr.Reddy, Mangalore | Solar Water Pump set | 5 HP |
| 7 | 2012 | Sivagangai site | Solar Water Pump set | 1 HP |
| 8 | 2013 | Auro Lab Hospital | Solar On Grid | 100 KW |

| | | | | |
|----|------|--|---------------------|---------|
| 9 | 2013 | Mr.Hussian, Aruppukottai, Villa | Solar Off Grid | 2 KW |
| 10 | 2013 | Villapuram Masjid Mosque | Solar Off Grid | 3.5 KW |
| 11 | 2013 | Sambavar vadakarai Villa | Solar Off Grid | 5 KW |
| 12 | 2014 | Kethi School, Madurai | Solar Off Grid | 3 KW |
| 13 | 2014 | Dr.Subramanian Villa | Solar Off Grid | 1.5 KW |
| 14 | 2014 | Government Project, Green toilet | Solar Off Grid | 8 KW |
| 15 | 2014 | Partha ulagam, Madurai Shop | LED Lights | 10 no's |
| 16 | 2014 | PRS Sea food, Rameshwaram | Solar Off Grid | 1 KW |
| 17 | 2014 | Sambavar vadakarai nagarati | Solar Street Lights | 3 no's |

| | | | | |
|----|------|-----------------------------------|----------------|-------|
| 18 | 2015 | Lakshmi Hospital, Salem | Solar On Grid | 5 KW |
| 19 | 2015 | Dr.Subramanian Hospital | Solar Off Grid | 3 KW |
| 20 | 2015 | Dr.Sugar Subbaiya, KK Nagar | Solar Off Grid | 4 KW |
| 21 | 2015 | Mr. Kannan, Kaariyapatti | Solar On Grid | 3 KW |
| 22 | 2015 | Mr. Syed Abbas Villa | Solar On Grid | 1 KW |
| 23 | 2015 | Mr. Jamil, Thondi Villa | Solar Off Grid | 2 KW |
| 24 | 2015 | Mr.Ameer Bhatcha Villa | Solar On Grid | 1 KW |
| 25 | 2015 | Adani Plant, Kamudhi | Solar On Grid | 15 MW |
| 26 | 2016 | Rajiv Hospital | Solar On Grid | 20 KW |

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|----|------|---|-------------------------|-----------|
| 27 | 2016 | Mr.Sethu, Thiagarajar college | Solar On Grid | 3 KW |
| 28 | 2016 | Mr. Muthu pandi, Vadipatti | Solar Water Pump set | 5 HP |
| 29 | 2016 | Mr.Gopinath, Kaariyapatti | Solar On Grid | 5 KW |
| 30 | 2016 | Mr.Muhil, Aalangulam | Solar Water Heater | 500 litre |
| 31 | 2016 | SPVA Narayanan, Subramaniyapura m | Solar Off Grid | 1 KW |
| 32 | 2016 | Mr.Sathis, Park town | Solar On Grid | 2 KW |
| 33 | 2016 | Ruby Company | LED Lights | 20 no's |
| 34 | 2016 | Dr. Mohan, Bye pass road | Solar Off Grid | 1 KW |
| 35 | 2016 | Mr.Nawas Babu | Solar On Grid | 10 KW |

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|----|------|-------------------------------|---------------------|---------|
| 36 | 2016 | Sikkal Raja Vallalkulam | Solar Street Lights | 2 no's |
| 37 | 2017 | Dr.Santh, Sandhya Hospital | Solar Off Grid | 1.5 KW |
| 38 | 2017 | Mr. Ramakrishnan Villa | Solar Off Grid | 3 KW |
| 39 | 2017 | Major Manohar | Solar Off Grid | 1 KW |
| 40 | 2017 | Mr.Selvaraj, park town | Solar Street Lights | 15 no's |
| 41 | 2017 | National Academy | Solar Off Grid | 3 KW |
| 42 | 2017 | Black Forest shop | LED Lights | 20 no's |
| 43 | 2017 | CHEL MILL, Madurai | Solar On Grid | 1.2 MW |
| 44 | 2017 | CHEL MILL, Manapparai | Solar On Grid | 600 KW |

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|----|------|---------------------------------|--------------------|---------|
| 45 | 2017 | Mr.Saravanan, Kamaraj Salai | Solar Off Grid | 2 KW |
| 46 | 2017 | Mr. Karupaiya, kk Nagar. | Solar On Grid | 1 KW |
| 47 | 2017 | Vathalakundu | Solar Off Grid | 1 KW |
| 48 | 2017 | Aakash Soap Company, Madurai | Solar On Grid | 1 KW |
| 49 | 2018 | M.Suresh, Kelavasal | Solar Off Grid | 3 KW |
| 50 | 2018 | Mr.Narayanan,Moo ndru Mavadi | Solar Off Grid | 3 KW |
| 51 | 2018 | Kodai | Solar Water Heater | 200 lpd |
| 52 | 2018 | AIRPORT Madurai | Solar On Grid | 1.2 MW |
| 53 | 2018 | Mr. Nagaraj, Men TV | Solar Off Grid | 1 KW |

| | | | | |
|----|------|------------------------------------|--------------------|---------|
| 54 | 2018 | Mr. Kannan, Bykara | Solar Water Heater | 200 lpd |
| 55 | 2018 | Dr.Arasi clinic | Solar Off Grid | 1 KW |
| 56 | 2018 | Rahim Mosque, kulamangalam | Solar Off Grid | 1 KW |
| 57 | 2018 | Star Xerox, Rajapalayam | Solar Off Grid | 5 KW |
| 58 | 2018 | Thiruparankundra m | Solar Off Grid | 1 KW |
| 59 | 2018 | Mehraj Travels office | LED Lights | 30 No's |
| 60 | 2018 | Mr.Vivek, Chokkikulam | Solar On Grid | 3 KW |
| 61 | 2018 | Dr.Sandrlehka, Sandhya Hospital | Solar Off Grid | 1.5 KW |
| 62 | 2018 | Lakshmi Teacher, Narayanapuram | Solar Off Grid | 1 KW |

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|----|------|----------------------------------|-------------------------|-----------|
| 63 | 2018 | Pachalur | Solar Street Lights | 4 no's |
| 64 | 2018 | Mr. Ramesh, Tirunelveli | Solar Water Pump set | 7.5 HP |
| 65 | 2018 | Sivasakthi Bakery | Solar Water Pump set | 7.5 HP |
| 66 | 2019 | AlagarKovil site | Solar Water Pump set | 5 HP |
| 67 | 2019 | Mr.Samuvel, Advocate | Solar Off Grid | 1 KW |
| 68 | 2019 | Mr.Muthaiya, KK Nagar | Solar Off Grid | 2 KW |
| 69 | 2019 | Sivasakthi Bakery Agriculture | Solar Water Pump set | 3 HP |
| 70 | 2019 | Thirunagar Haniba | Solar Off Grid | 1 KW |
| 71 | 2019 | HP Gas office | LED Lights | 200 watts |

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|----|------|-----------------------------------|---------------------|---------|
| 72 | 2019 | Selvi Hospital | Solar Off Grid | 5 KW |
| 73 | 2019 | PRS Oil Mill | Solar Off Grid | 1 KW |
| 74 | 2019 | Anish, Trichy | Solar Off Grid | 3 KW |
| 75 | 2019 | Reliance Thopalakarai | Solar Street Lights | 40 no's |
| 76 | 2019 | Nagalakshmi Villa | Solar On Grid | 5 KW |
| 77 | 2019 | Jawad Villa | Solar Off Grid | 3 KW |
| 78 | 2019 | Dhanwanthiri Ayurveda Hospital | Solar On Grid | 2 KW |
| 79 | 2019 | Mgr University Opp.Babulal | Solar On Grid | 2 KW |
| 80 | 2019 | Udhayakumar Palani | Solar On Grid | 3 KW |

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|----|------|--------------------------------------|---------------------|---------|
| 81 | 2019 | Mr.Muthu.Krishna Kumar | Solar On Grid | 3 KW |
| 82 | 2019 | Devadarshan Villa | Solar Off Grid | 2 KW |
| 83 | 2020 | Senthil Kumar Villa | Solar Street Lights | 30 no's |
| 84 | 2021 | Thiagaraja Mill , Nilakottai | Solar On Grid | 2.2 MW |
| 85 | 2021 | Thiagaraja Engineering College | Solar On Grid | 800 KW |
| 86 | 2022 | Reliance Thiruchendur | Solar Street Lights | 40 No's |
| 87 | 2022 | Dr.Rajarathinam Villa | Solar Off Grid | 2 KW |
| 88 | 2022 | Dr.Sivagurunathan Villa | Solar Off Grid | 2 KW |
| 89 | 2022 | Jays Men's Wear shop | LED Name board | 3 KW |

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|----|------|-----------------------------|---------------------|------------|
| 90 | 2022 | Durairaj Annanagar | Solar Off Grid | 1 KW |
| 91 | 2022 | Selvin Villa | Solar Off Grid | 2 KW |
| 92 | 2022 | Sethuraman Villa | Solar On Grid | 3 KW |
| 93 | 2022 | Revathy Villa | Solar On Grid | 4 KW |
| 94 | 2023 | Swaminathan Mani Villa | Solar Off Grid | 2 KW |
| 95 | 2023 | Swaminathan Mani | Solar Water Heater | 200 Litres |
| 96 | 2023 | Pudukkottai School | Solar Street Lights | 5 no's |
| 97 | 2023 | Inbavanan School | Solar Off Grid | 2 KW |
| 98 | 2023 | Murugesan Advocate Villa | Solar On Grid | 2 KW |

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|-----|------|--|-------------------------|---------|
| 99 | 2023 | Sevaguru, Thirupalai | Solar On Grid | 2 KW |
| 100 | 2023 | Senthil Kumar | Solar Street Lights | 10 no's |
| 101 | 2023 | Gopalsamy Virudhunagar | Hybrid Solar On Grid | 7 KW |
| 102 | 2023 | Thanner Malai Villa | Solar On Grid | 2 KW |
| 103 | 2023 | Ramm Villa | Solar Off Grid | 1 KW |
| 104 | 2023 | Shuttle Court Meenakshi Sundaram | Solar On Grid | 5 KW |
| 105 | 2023 | Siddique Ramnad | Solar Off Grid | 5 KW |
| 106 | 2023 | Vasudevan Villa | Solar On Grid | 1.5 KW |
| 107 | 2023 | Kajja Ramnad Petrol Bulk | LED Lights | 20 no's |

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|-----|------|-----------------------------|----------------------|---------|
| 108 | 2023 | Jayakumar Samsung | Solar On Grid | 2 KW |
| 109 | 2023 | Durai Pandian Kovalan Nagar | Solar Off Grid | 1.5 KW |
| 110 | 2023 | Dindigul School | Solar Off Grid | 3 KW |
| 111 | 2023 | Yuvaraj Villa | Solar Street Lights | 5 no's |
| 112 | 2023 | Suraj Villa | LED Name board | 5 no's |
| 113 | 2023 | Jeyachandran | Solar Off Grid | 1.5 KW |
| 114 | 2023 | Maharaja Silks | Solar On Grid | 2 KW |
| 115 | 2023 | Maharaja Silks | Solar Water Heater | 200 lpd |
| 116 | 2023 | Selvaraj Muthu | Hybrid Solar On Grid | 5 KW |

| | | | | |
|-----|------|------------------------|----------------------|---------|
| 117 | 2023 | Sms Jewellery shop | LED Name board | 2 no's |
| 118 | 2023 | Ettaiyauram | Solar Street Lights | 25 no's |
| 119 | 2023 | Gopi site | Solar On Grid | 1.5 KW |
| 120 | 2023 | Vedavalli Holidays | LED Name board | 2 NO'S |
| 121 | 2023 | Vishal Promoters | Solar Street Lights | 30 no's |
| 122 | 2023 | Waalai Hotel | LED Name board | 1 Set |
| 123 | 2023 | PKM and SPL sites | Solar Street Lights | 20 no's |
| 124 | 2023 | Murugan Jewellery Shop | Solar On Grid | 2 KW |
| 125 | 2023 | Baskar Agriculture | Solar Water Pump set | 5 HP |

| | | | | |
|-----|------|--|-------------------------|---------|
| 126 | 2023 | Mr. Sudharsan Agriculture | Solar Water Pump set | 3 HP |
| 127 | 2023 | Mr. Micheal Agriculture | Solar Water Pump set | 5 HP |
| 128 | 2023 | Mr. Sudhanthira bharathi Agriculture | Solar Water Pump set | 7.5 HP |
| 129 | 2023 | Pentagon - hawaveli | Solar Street Lights | 12 no's |
| 130 | 2023 | Karur - Textiles | Solar Off Grid | 2 KW |
| 131 | 2023 | Karur - Textiles | Solar On Grid | 20 KW |
| 132 | 2023 | Vellanmai office - Nilakottai | Solar Off Grid | 1 KW |
| 133 | 2023 | Mount Retreat- Hawaveli | Solar Street Lights | 10 No's |
| 134 | 2023 | Kannan sathour | Solar Water Pump set | 5 HP |

| | | | | |
|-----|------|-----------------------------|----------------------|--------|
| 135 | 2023 | Kumar T kallupatti | Solar Water Pump set | 3 HP |
| 136 | 2023 | Rahmathula Kodai | Solar Off Grid | 2 KW |
| 137 | 2023 | Meenakshi K Puthur | Solar On Grid | 2 KW |
| 138 | 2024 | Kannan Madras | Solar On Grid | 30 KW |
| 139 | 2024 | Ramjan Silks | Solar Off Grid | 10 KW |
| 140 | 2024 | Thiagarajar college | Solar On Grid | 900 KW |
| 141 | 2024 | SEV company | Solar On Grid | 10 KW |
| 142 | 2024 | Rafik bye pass | Solar On Grid | 6 KW |
| 143 | 2024 | Raguram ram vasantham hotel | Solar Water Pump set | 5 HP |

| | | | | |
|-----|------|------------------------|---------------------|----------|
| 144 | 2024 | Karumuthkannan company | Solar On Grid | 15 KW |
| 145 | 2024 | Karumuth sethu company | Solar On Grid | 10 KW |
| 146 | 2024 | Somasundaram | Solar On Grid | 8 KW |
| 147 | 2024 | MAX shop | Solar Off Grid | 10 KW |
| 148 | 2024 | Vijayadha builders | Solar Street Lights | 150 No's |
| 149 | 2024 | RASI MAHAL | Solar Off Grid | 20 KW |
| 150 | 2024 | Althaf hospital | Solar Off Grid | 10 KW |
| 151 | 2024 | Rajanguru | Solar Street Lights | 50 No's |
| 152 | 2024 | Dinesh RO plant | Solar On Grid | 10 KW |

| | | | | |
|-----|------|------------------------|----------------|-------|
| 153 | 2024 | Viruthunagar hospital | Solar On Grid | 25 KW |
| 154 | 2024 | Umar company | Solar On Grid | 28 KW |
| 155 | 2024 | Asma company | Solar On Grid | 11 KW |
| 156 | 2024 | Kovilpati company | Solar Off Grid | 20 KW |
| 157 | 2024 | Nataraj spices company | Solar On Grid | 50 KW |
| 158 | 2024 | Rahman Decoration | Solar Off Grid | 5 KW |
| 159 | 2024 | Vasantha Hotel | Solar On Grid | 10 KW |
| 160 | 2024 | Kannan Theni | Solar On Grid | 20 KW |
| 161 | 2024 | Ramnad Rasi Hospital | Solar On Grid | 25 KW |

| | | | | |
|-----|------|---------------|---------------------|---------|
| 162 | 2024 | National Agro | Solar Street Lights | 25 No's |
| 163 | 2024 | Nawas | Solar Off Grid | 3 KW |
| 164 | 2024 | Abdul Sheikh | Solar Off Grid | 3 KW |
| 165 | 2024 | Abdul Sheikh | Solar Water Heater | 100 lit |
| 166 | 2024 | Dr. Altaf | Solar Off Grid | 20 KW |
| 167 | 2024 | Dr. Altaf | Solar On Grid | 10 KW |
| 168 | 2024 | ICE FACTORY | Solar ON Grid | 20 KW |

ON GOING PROJECTS

| S.NO | YEAR | CUSTOMER NAME | SYSTEM TYPE | CAPACITY / QTY |
|------|------|--------------------------------------|----------------|----------------|
| 169 | 2024 | MASJID ANSAAR MARKAZ , MADURAI | Solar Off Grid | 10 KW |
| 170 | 2024 | Chennai | Solar Off Grid | 7.5 kw |
| 171 | 2024 | Ramnad | Solar Off Grid | 20 KW |
| 172 | 2024 | Sheikh Koodal Nagar | Solar On Grid | 3 KW |

MAJOR PROJECTS GALLERY

ROOF TOP SOLAR



HOSPITAL SALEM 30 KW



AIRPORT MADURAI 1.2 MW



AIRPORT MADURAI 1.2 MW



MILL MANAPARAI 600 KW



MILL MANAPARAI 600 KW



SEMINAR AMERICAN COLLEGE

SEMINAR LADY DOAK COLLEGE



The American College, Madurai.2
(An Autonomous Institution affiliated to Madurai Kamaraj University)
Re-accredited by NAAC (3rd Cycle) with Grade 'A+' CGPA 3.47 on a 4-point scale

DEPARTMENT OF UNDERGRADUATE PHYSICS

Welcomes You ALL

for the **Valedictory Function**
of the UG Physics Association.



Chief Guest: Mr. S. Sultan Alavudeen
CEO, Agaram Power Solutions

25th Monday 2024
- Main Hall
@ 11. 30 am

**Topic: Solar Energy - Photo Voltaic panels -
Roof Top and Grid Systems**

Dr. P. Richard Rajkumar
Head, UG Physics - Aided

Dr. M. Beaula Ruby Kamalam
Co-ordinator, UG Physics, SF

Dr. P. Sujannah
Mrs. L. R. Latha
UG Association Presidents

I. Muthamilzh - III, year Aided
R. Deva III, year SF
UG Association Secretaries



Lady Doak College

(An Autonomous Institution affiliated to Madurai Kamaraj University)
Re-accredited with 'A+' Grade by NAAC (4th Cycle)



DEPARTMENT OF PHYSICS AND RESEARCH CENTRE

Janus Club

cordially invites you all to celebrate

NATIONAL SCIENCE DAY - 2024

by participating in the

Workshop on Solar PV - Design and Applications



Resource Person
Mr. SULTAN ALAVUDEEN
Chief Executive Officer
Agaram Power Solution
Bangalore



- ✦ On Grid & Off Grid Solar Power Plants
- ✦ All in one & Semi Integrated Street Lights
- ✦ Solar Water Heater
- ✦ Solar Water Pumps

Organising committee

Dr. C. Esther Elizabeth Grace
Assistant Professor and
Assistant Dean of Student Affairs
Dr. S. Erbil Arasi
Assistant Professor
Ms. J. Catherine
Assistant Professor
Ms. M.Meenakshi
Assistant Professor

Convener

Dr.S.Arockia Shyamala
Assistant Professor and
Dean of Student Affairs

Head of the Department

Dr.R.Nimma Elizabeth
Associate Professor and Head



28.02.24



9:00am - 01:00pm



AMT 2

STATE LEVEL - GVN COLLEGE



G.VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI - 628 502.

Reaccredited with 'A' Grade by NAAC | DBT STAR College Scheme

Under the Management of G.Kuppuswamy Naidu Charity Trust for Education and Medical Relief, Coimbatore.

Scan Me For Registration



DEPARTMENT OF ELECTRONICS

In Association with **AGARAM POWER SOLUTION, MADURAI**

Organizes

A ONE - DAY STATE LEVEL WORKSHOP ON

SOLAR POWER INSTALLATION, OPERATION & MAINTENANCE

Date : 15.02.2024 (Thursday) ◆ Time : 10.00 a.m. to 4.00 p.m. ◆ Venue : GVN College, Kovilpatti.

Scan Me For Registration Fee



Proposed Class Room Topics

- Introduction
- Basics of Electricity
- Solar radiation basics
- Working of Solar Cells,
- Solar PV modules & Arrays
- Types of Solar Panels & Inverters
- Load Calculations
- Sizing of Cables, Solar Panels,
- Solar Inverters
- Q & A Session

Proposed Solar Practicals

- Solar site survey & assessment
- Measurement of PV Solar Cell parameters
- Series & Parallel connections of Solar Cells
- Series & Parallel connections of PV modules
- Measurement of PV module parameters, temperature & radiation

Outcome of the Workshop

Upon completion of this workshop the participant will be able to

- Demonstrate knowledge
- Size & design a PV system
- Mount, ground, position, install, wire & connect a PV system
- Test voltage generated by PV system, operate & maintain of solar power
- Learn different types of Solar PV module and batteries
- Design of Solar PV plant on estimated

Who Can participate?

B.Sc & M.Sc., Electronics & Physics
B.Sc & M.Sc., Electronics & Communication
Research Scholars in the field of Solar Energy

Registration Fee : **Rs. 200/-** Refreshment, Lunch, Workshop Kit & Certificate will be provided

Contact : 76676 03318 & 99409 80222

SOLAR STREET LIGHT ALL IN ONE



THIAGARAJA ARTS COLLEGE 600 KW



CHEL MILL 1.2 MV



NATIONAL SCHOOL 4 KW

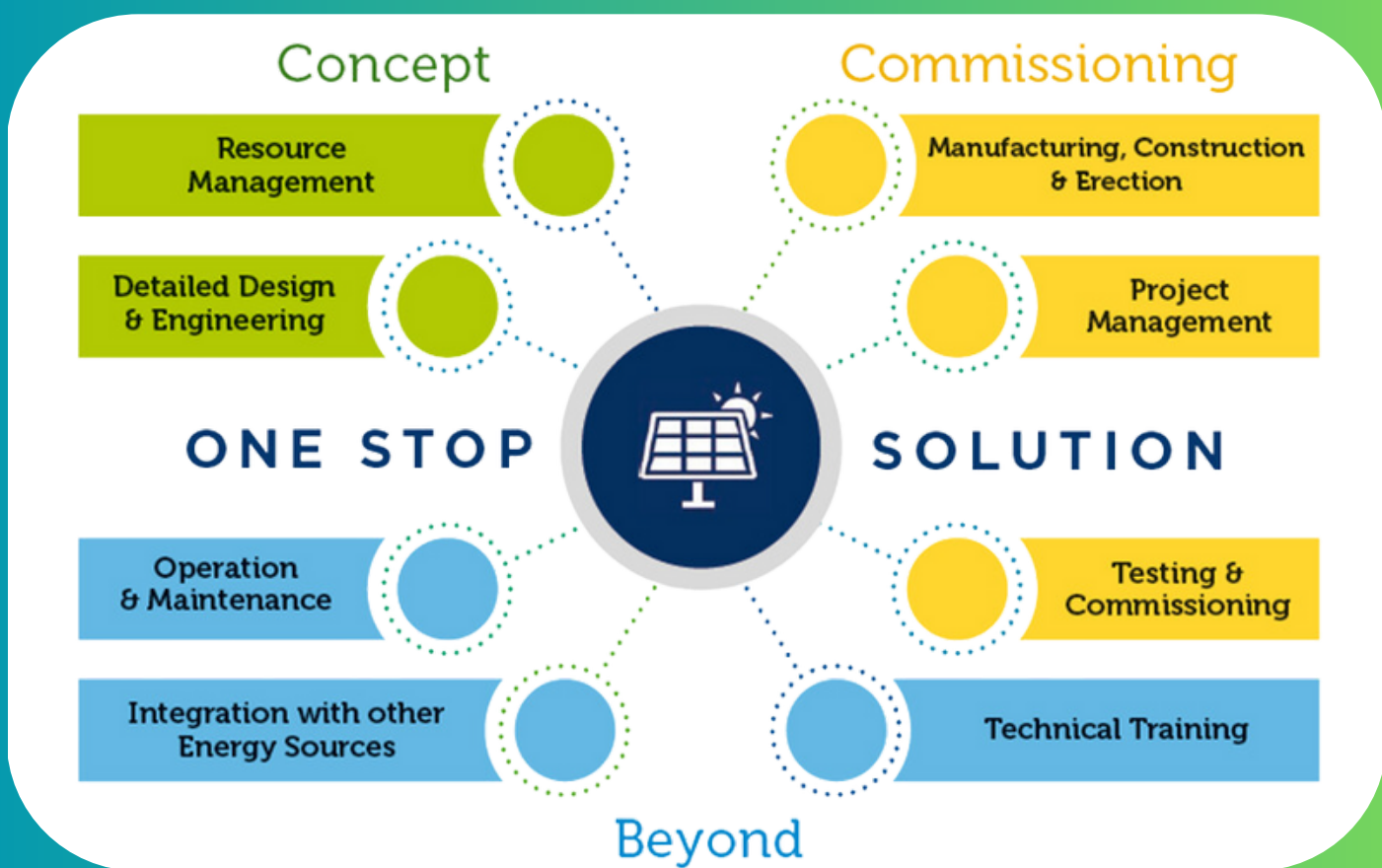


Sourcing from the best Worldwide Companies



Concept-to-Commissioning and Beyond...

Practicing the philosophy of concept- to - commissioning and beyond, our endeavor is to provide customer-oriented cost-effective solutions and for the whole spectrum for the whole spectrum of solar energy



**For inquiries,
contact us.**



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Head Office Address:

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NEAR JAIHINDPURAM POLICE STATION,
MADURAI, TAMILNADU, INDIA.**



Branch Office Address

**79,1A ,LAXMI VENKATESHWARA
NILAYA 2ND CROSS,
SUNKADAKATTE, BANGALORE,
INDIA.**

