

AGARAM POWER SOLUTION

COMPANY PROFILE



About Us

Agaram power solution is an ISO 9001-2000 certified leading company in India in the field of Renewable Energy, which was established in year 2008.

- ✓ We provide energy solutions for both domestic and industrial needs at an affordable price and to meet the increasing energy demands of the society.
- ✓ 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.
- ✓ 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 high-quality 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

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.

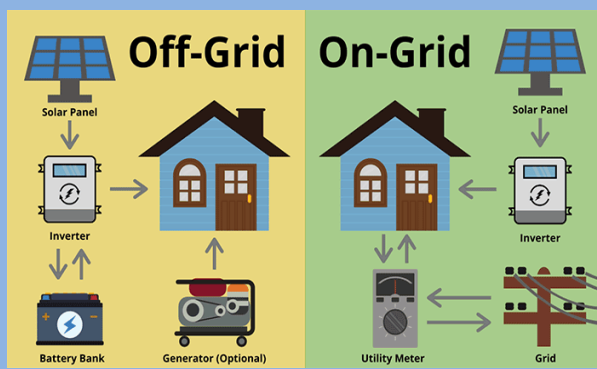


Solar On-Grid System

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 panel 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, Hotels,
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			
3	2010			
4	2011			
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
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, Subramaniyapuram	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
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
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,Moondru 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	Thiruparankundram	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.Sandralehka, Sandhya Hospital	Solar Off Grid	1.5 KW
62	2018	Lakshmi Teacher, Narayanapuram	Solar Off Grid	1 KW
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

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
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
90	2022	Durai Raj 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
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
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

The American College, Madurai.2
(An Autonomous Institution affiliated to Madurai Kamaraj University)
Re-accredited by NAAC (5th 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.

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

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

**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. Sujana
Mrs. L. R. Latha
UG Association Presidents

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

SEMINAR AMERICAN COLLEGE

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

Organizing committee
Dr. C. Esther Elizabeth Grace
Assistant Professor and
Coordinator, Physics Dept.
Dr. S. Eshel Arasi
Assistant Professor
Ms. J. Catherine
Assistant Professor
Ms. M. Meenakshi
Assistant Professor

Convenor
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 MMT 2

SEMINAR LADY DOAK 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.

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.

Proposed Class Room Topics	Proposed Solar Practicals	Outcome of the Workshop
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<p>Upon completion of this workshop the participant will be able to</p> <ul style="list-style-type: none"> 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?
Those who are studying other than the mentioned programmes and willing to become entrepreneur in the field of Green Energy

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

STATE LEVEL WORKSHOP – GVN COLLEGE



SOLAR STREET LIGHT ALL IN ONE



CHEL MILL 1.2 MW



THIAGARAJA ARTS COLLEGE 600 KW



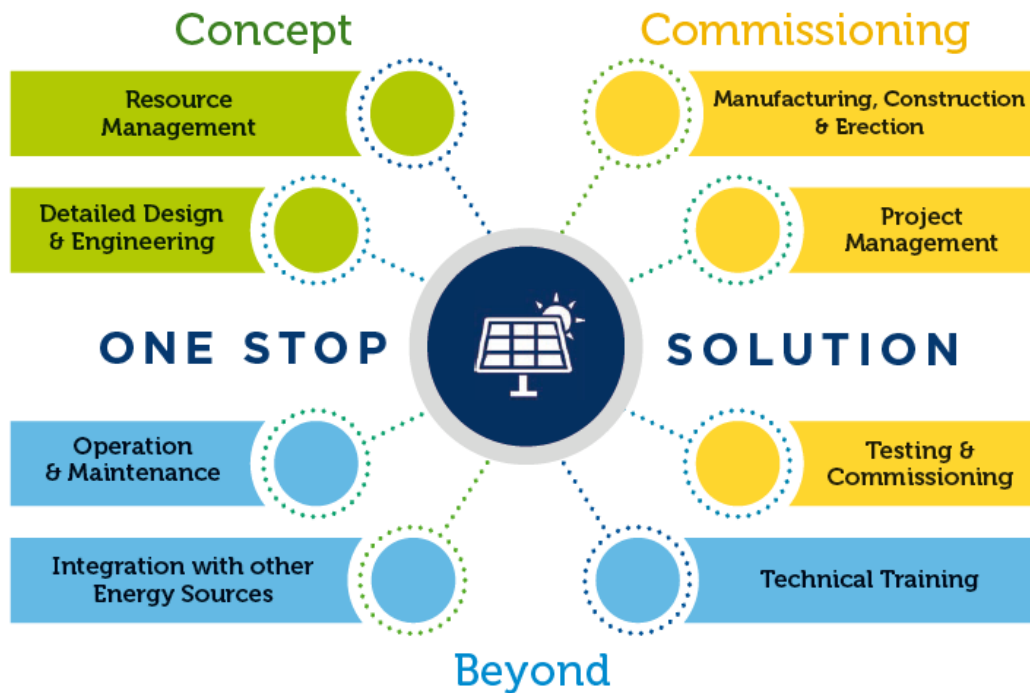
NATIONAL SCHOOL 4 KW

Sourcing from the best Worldwide



Concept-to-Commissioning and Beyond...

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



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