



Baritech Infra

Empowering the Innovation



Introduction

We provide comprehensive Solar EPC Solution

www.baritech.co.in
Email: sales@baritech.co.in

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About Us

Baritech Infra Private Limited is one of the most comprehensive Solar EPC Solution Providers, a leading integrated Solar Power Company with a presence across the entire solar value chain. An innovator in the development of green technology solutions that are environment friendly, energy-efficient & cost-effective. We are capable of delivering quick returns on investments, which has helped us gain the reputation of being a pioneer in the field of solar power generation.

We go that extra-mile through our systems, process and our internal orientation to ensure that commissioning a project is a seamless and effortless experience for our clients. As a full-services company with complete in-house capabilities, we assist our clients through the entire process of Evaluation, Design, Planning, Procurement, Construction, Operation & Maintenance and Financing facility.

We are committed to partnering with our clients to help reduce their energy costs, become power independent and contribute to their sustainability goals. With clientele spanning sectors such as Automotive, Education, Pharmaceuticals, FMCG, and Information Technology, the company develops projects on a turnkey basis, providing power on a per-kWh basis, under long-term Power Purchase Agreements, at rates cheaper than prevailing grid tariffs. We develops projects on a turnkey basis, providing cheaper-than-grid solar power without any upfront investments.

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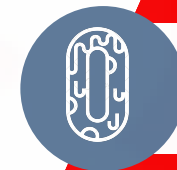
Our Services

Baritech Infra is a comprehensive EPC solutions provider. It offers the expertise as well as the tools to commission and execute solar projects of any proportion on a turnkey basis from conceptualization to completion while catering to the custom requirements of clients. It offers solutions for residential, commercial, industrial and utility-scale projects.



EPC & DEVELOPMENT

We offer the expertise as well as the tools to commission execute solar projects.



OPEX MODEL

Build - Own - Operate



RESCO MODEL

If you are considering installing a RESCO solar power system in your premises, we'll tell you why this is the best solar solution for you.

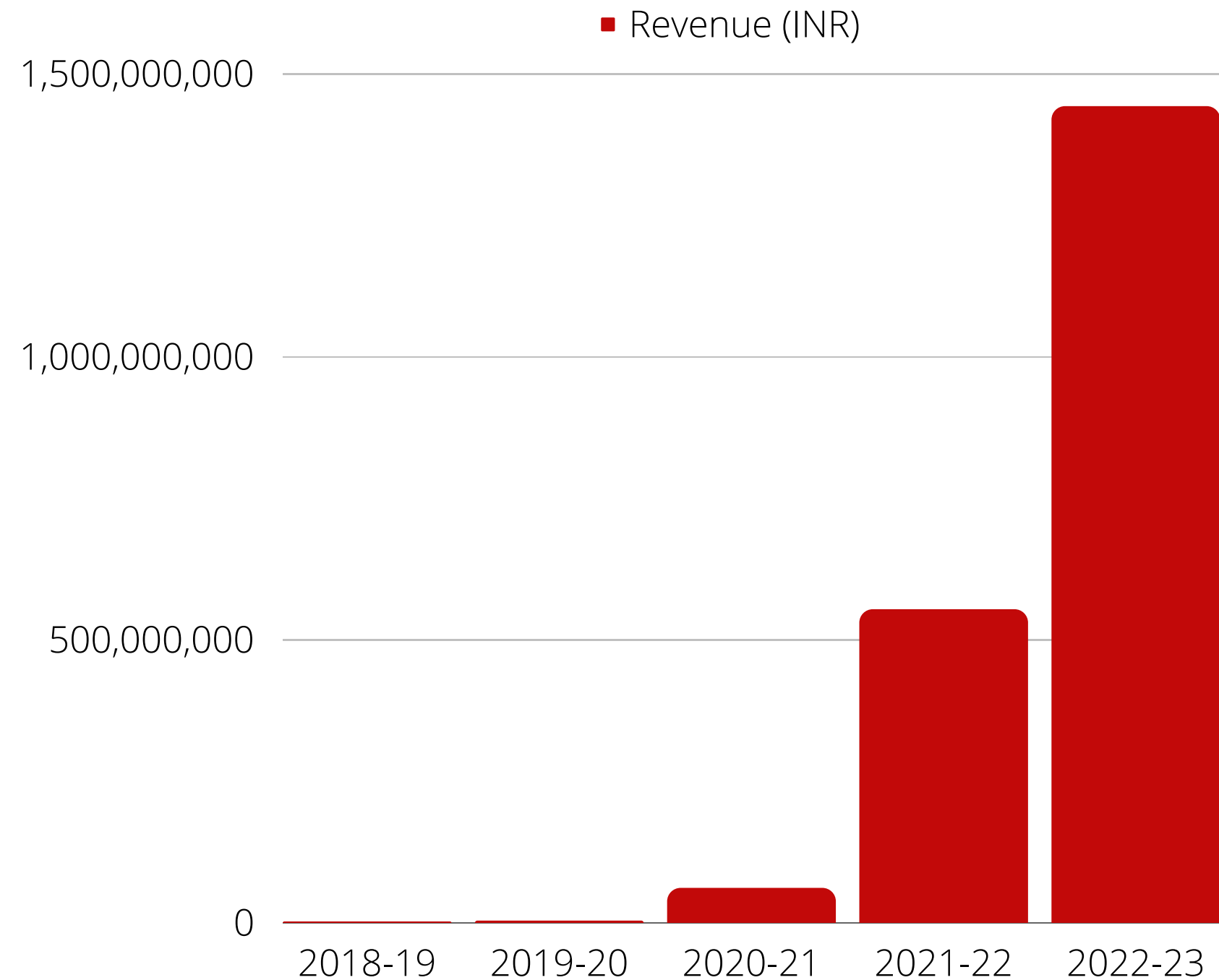


CAPEX MODEL

If you are willing to make the upfront investment in owning a solar power plant, then a Capex Model is the answer to your needs

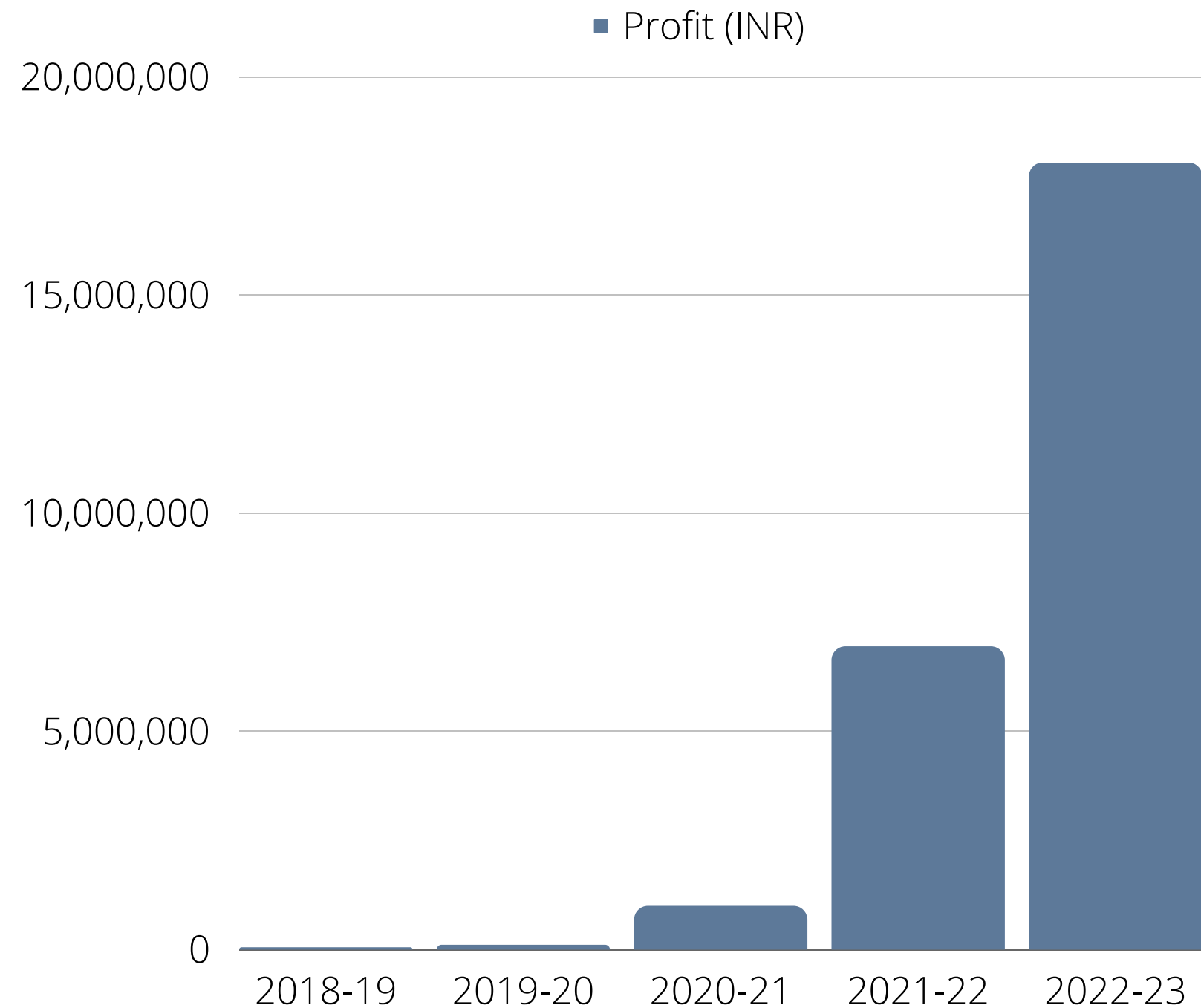
Revenue Growth

- The company's revenue has shown consistent growth over the years.
- From FY 2018-19 to FY 2022-23, the revenue increased from INR 1,632,500.00 to INR 1,442,115,004.00, representing a significant growth rate.



Profit Development

- The company's profit has also exhibited a positive trend over the years.
- The profit increased from INR 41,147.00 in FY 2018-19 to INR 18,026,437.55 in FY 2022-23.
- The growth in profit demonstrates the company's ability to generate higher returns and improve its financial performance.



Accelerated Growth

- Notably, the company experienced a substantial growth in revenue and profit in FY 2022-23 compared to the previous years.
- The revenue increased significantly from INR 553,279,190.00 in FY 2021-22 to INR 1,442,115,004.00 in FY 2022-23, showcasing accelerated growth.
- Similarly, the profit also witnessed a remarkable surge, jumping from INR 6,938,719.00 in FY 2021-22 to INR 18,026,437.55 in FY 2022-23.

Orders in Hand

- Total Basic Contract Value: 1,479,935,250.00 INR
- This table provides an overview of the orders in hand, including the commodity, contract value, IGST, and total value in Indian Rupees (INR). The total basic contract value sums up to 1,479,935,250.00 INR.

Orders In hand				
Sr. No.	Commodity	Contract Value (INR)	IGST @ 12% (INR)	Total Value (INR)
1	Longi Solar PV Modules Monofacial 540/545W- 10MW, Country Origin- Vietnam, Delivery timeline - July 2023	249,877,050.00	29,985,246.00	279,862,296.00
2	Longi Solar PV Modules Mono Bifacial 540/545W- 8MW, Country Origin- Vietnam, Delivery timeline - July 2023	198,871,200.00	23,864,544.00	222,735,744.00
3	Waaree Solar PV Modules Mono Bifacial 540/545W- 8.50 MW, Country Origin- India, Delivery timeline - May 2023	237,205,800.00	28,464,696.00	265,670,496.00
4	Renewsys Solar PV Modules Mono Bifacial 540/545W- 2 MW, Country Origin- India, Delivery timeline - May 2023	49,311,600.00	5,917,392.00	55,228,992.00
5	Axitec Solar PV Modules Mono Bifacial 545W- 1 MW, Country Origin- India, Delivery timeline - May 2023	26,356,200.00	3,162,744.00	29,518,944.00
6	Waaree Solar PV Modules Mono Bifacial 540W- 3 MW, Country Origin- India, Delivery timeline - June 2023	78,343,200.00	9,401,184.00	87,744,384.00
7	Znshine Solar PV Modules Monofacial 540/545W- 10.56MW, Country Origin- China, Delivery timeline - May 2023	262,483,200.00	31,497,984.00	293,981,184.00
8	Jinko Solar PV Modules Monofacial 550W- 15MW, Country Origin- China, Delivery timeline - July 2023	377,487,000.00	45,298,440.00	422,785,440.00
Total Basic Contract Value		1,479,935,250.00		

Orders in Pipeline

- Total Basic Contract Value: 19,844,460,900.00 INR
- This table presents the orders in the pipeline, including the commodity, contract value, IGST, and total value in Indian Rupees (INR). The total basic contract value amounts to 19,844,460,900.00 INR.

Sr. No.	Commodity	Contract Value (INR)	IGST @ 12% (INR)	Total Value (INR)
1	Longi Solar PV Modules Mono Bifacial 540/545W- 20MW, Country Origin- Vietnam, Delivery timeline - August/September/October 2023	495,169,200.00	59,420,304.00	554,589,504.00
2	Znshine Solar PV Modules Monofacial 540/545W- 80MW, Country Origin- China, Delivery timeline - September/October 2023	1,946,304,000.00	233,556,480.00	2,179,860,480.00
3	Canadian Solar PV Modules Monofacial 600W- 13MW, Country Origin- China, Delivery timeline - July 2023	314,460,900.00	37,735,308.00	352,196,208.00
4	Znshine Solar PV Modules Monofacial 540/545W- 280 MW, Country Origin- China, Delivery timeline - July/August/September/October 2023 (With Listed Company)	6,749,568,000.00	809,948,160.00	7,559,516,160.00
5	Znshine Solar PV Modules Monofacial 540/545W- 26 MW, Country Origin- China, Delivery timeline - July/August/September 2023	632,548,800.00	75,905,856.00	708,454,656.00
6	Jinko Solar PV Modules Monofacial 540/545W- 150MW, Country Origin- China, Delivery timeline - October/November/December 2023 (With Listed Company)	3,836,250,000.00	460,350,000.00	4,296,600,000.00
7	Longi Solar PV Modules Mono Bifacial 540/545W- 40MW, Country Origin- Vietnam, Delivery timeline - August/September/October 2023 (Listed IPP)	1,004,400,000.00	120,528,000.00	1,124,928,000.00
8	Znshine Solar PV Modules Monofacial 540/545W- 200 MW, Country Origin- China, Delivery timeline - January/February/March 2024 (IPP, German based)	4,865,760,000.00	583,891,200.00	5,449,651,200.00



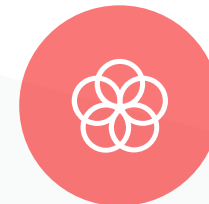
EPC & Development

Baritech Infra pioneered and introduced the “OPEX Model” which is also known as ‘Energy Sale’ model in Indian solar Industry in 2012.



Overview

Baritech Infra is a comprehensive EPC solutions provider. It offers the expertise as well as the tools to commission and execute solar projects of any proportion on a turnkey basis from conceptualization to completion while catering to the custom requirements of clients. It offers solutions for residential, commercial, industrial and utility-scale projects.



The Baritech Advantage

Our Robust execution, strong supplier relationships & innovative financing solutions enable us to deliver the lowest total cost of ownership in the industry. Whether your aim is to cut energy costs, reduce your carbon footprint, fulfil regulatory obligations or accomplish your sustainability goals, Baritech Infra has a solution for you. We provide on-site solar power with zero investment at a discount to grid tariff. If you prefer to make the investment yourself, we also offer “capex model”.



OPEX Model

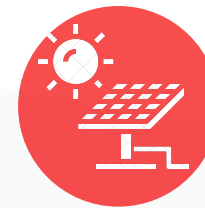
Baritech Infra pioneered and introduced the “OPEX Model” which is also known as ‘Energy Sale’ model in Indian solar Industry in 2012. Today we have a network of private farms across India, through which we can supply large corporates with clean energy as per their needs.



On-site Solution

Our On-site solar energy solutions are pay-as-you-go model, where corporates pay for solar electricity at a rate lower than grid tariffs – in fact, up to 25-40% cheaper.

As there is zero investment, there is no capex and none of the associated performance risks either. This translates into considerable savings for companies, which are also risk-free. Our team will take care of the entire operation and maintenance for the 25-year life of the system. All you need to do is sign a Power Purchase Agreement, and sit back and enjoy the benefits.



Solar Farm (Open Access)

In 2019, we introduced this OPEX model in our private solar farms business. Today we have a large network of private farms in Chhattisgarh, Madhya Pradesh, Haryana, Karnataka, Maharashtra, Uttar Pradesh, Rajasthan and Tamil Nadu, through which we can supply large corporates with clean energy as per their needs. This solar farm energy solution has zero upfront investment and, as with all our on-site solar solutions, you will get power at rates which are 25-40% cheaper than prevailing grid electricity tariffs.

Additionally, as part of our private solar farm vertical solutions, we also offer captive or group captive models, wherein consumers can own a portion of our solar farms and get maximum benefits from the Open Access model, over and above tax and financial benefits.



RESCO Model

If you are considering installing a RESCO solar power system in your premises, we'll tell you why this is the best solar solution for you.



No Upfront Investment

Unlike a solar EPC or capex proposition, wherein the consumer owns the system and invests upfront, the RESCO model is a zero-investment model in which the consumer pays only for the electricity generated, while the solar plant is owned by the RESCO developer. You can enjoy the electricity that is generated without worrying about any of the associated operations and maintenance issues. In return, all you need to do is pay a pre-decided monthly tariff which is lower than prevailing grid electricity tariff.



Continuous Operations & Maintenance Support

As mentioned above, Baritech Infra, as the RESCO provider, takes complete ownership and responsibility of the operations and maintenance of the system for the duration of its lifetime. We will designate experienced engineers who will ensure that the RESCO model solar power system runs efficiently, by maximizing performance of the plant.



RESCO Model

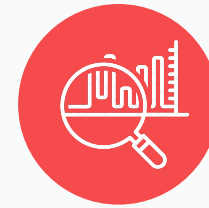
If you are considering installing a RESCO solar power system in your premises, we'll tell you why this is the best solar solution for you.



Government Support

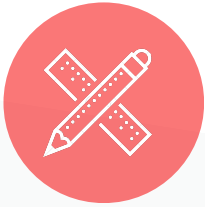
In order to meet its goal of 40GW of rooftop solar by 2022, both the Central and State Government agencies offer generous and favourable regulations for RESCO solar developers. In a few special categories in some states, RESCO model developers enjoy up to 70% subsidy for RESCO projects on government building.

Despite an increase in demand, there are still a few risks involved in setting up a solar plant. So the end users are naturally hesitant to make a large investment and opt for the CAPEX model. RESCO models, such as the ones offered by Baritech Infra, allay all their fears and concerns. In addition, the attractive tariffs make the RESCO model preferable to large energy consumers, be it industrial, commercial or institutional.



Better Monitoring of Load & Consumption

We offer remote mentoring system with its RESCO model projects, which ensure real-time energy data analytics. This makes it possible for you to see your load and energy consumption pattern, and also enables Baritech Infra to operate the plant more efficiently and to respond more quickly and effectively.



Detailed Engineering Design

A high-quality solar plant starts with design. We begin by understanding your requirements, conducting a site survey and monitoring the weather conditions. Our engineering experts then determine the appropriate power generation capacity for your site, select the appropriate equipment, complete the engineering design, and finally integrate our proprietary digital operational and maintenance platform for the proposed solar power plant. We are a full scale solar services provider, specializing in independent commissioning, system upgrades, and site assessments/surveys for commercial & industrial solar photovoltaic projects.

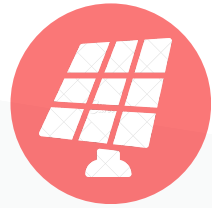
Solar EPC (CAPEX Model)

If you are looking to cut your electricity bills or your carbon footprint, using renewable sources of energy is the place to start. If your business premises offer ample space for installing a solar power plant, and you are willing to make the upfront investment in owning a solar power plant, then a solar EPC (Engineering, Procurement, and Construction) or Capex Model is the answer to your needs.



Procurement of Equipment

We will procure components from our approved suppliers, whom we use for our owned projects as well. As your one-stop solar EPC contractor, at Baritech Infra, our job is to ensure sourcing the best-in-class equipment to fulfil your power needs. Use of high quality & reliable modules and Balance of Systems & Focus on procuring branded and trusted material to ensure the quality of our project.

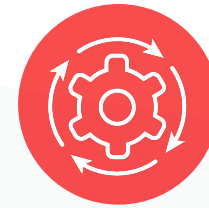


Solar Plant Construction

From mounting solar PV modules and connecting the solar power system to your existing electrical infrastructure, our engineers will construct and assemble the solar solution, which is customized as per site requirements.

Solar EPC (CAPEX Model)

If you are looking to cut your electricity bills or your carbon footprint, using renewable sources of energy is the place to start. If your business premises offer ample space for installing a solar power plant, and you are willing to make the upfront investment in owning a solar power plant, then a solar EPC (Engineering, Procurement, and Construction) or Capex Model is the answer to your needs.



Operation & Maintenance Services

We monitor our large portfolio of rooftop plants continuously, to ensure maximum performance and minimal downtime. The maintenance contract will ensure that our experienced engineers are monitoring the solar plant 24x7 so that the system runs efficiently through its lifetime, offering you uninterrupted service and maximizing your solar plant's performance.

Our turnkey EPC solution includes the entire project, right from studying site feasibility, ensuring the highest standards of quality and safety, to the final plant commissioning. This also includes managing the complete operation and maintenance of the solar plant through a 24x7 remote proprietary monitoring solution.

Solar EPC (CAPEX Model)

Our proactive and reactive measures include:

- 1 PREVENTATIVE MAINTENANCE**
- 2 SYSTEM MONITORING/ALERT TRIAGE**
- 3 EMERGENCY RESPONSE/DISPATCH**
- 4 CORRECTIVE MAINTENANCE/SYSTEM REPAIRS**
- 5 WARRANTY SERVICE COORDINATION**
- 6 SPARE PARTS INVENTORY MANAGEMENT**
- 7 ARRAY CLEANING**
- 8 WEED & VEGETATION CONTROL**
- 9 ANNUAL MAINTENANCE REPORT**

OPEX vs CAPEX

Switching to solar power is a commendable move for your business, and a cost-effective one too in the long run. However, there are a lot of underlying technicalities you need to know before making the final move to go green.

Key Parameters	OPEX Model	CAPEX Model
Ownership	Baritech Infra owns the asset	Customer owns the asset
Investment	Zero upfront investment by the customer. Can instead invest that capital into its core business.	100% investment borne by customer
Management Approval Timelines	Quickly replicable and scalable because additional projects don't need internal CAPEX approvals	Typically requires long lead time for CAPEX approvals at senior management level
What You Pay For	Pay only for electricity generated, no hidden costs	Pay only for O&M charges after system purchase, no tariff for solar electricity generated

OPEX vs CAPEX

Contd..

Key Parameters	OPEX Model	CAPEX Model
Per Unit Saving	20-40% cheaper than Grid electricity Tariff	Capital repaid through generated electricity
O&M	Turnkey solution, therefore Baritech Infra bears O&M cost	Customer pays separately for O&M
Payback	Savings from day 1 (Zero days)	As high as 4 years
Technical Knowhow	Baritech Infra handles all technical matters	Dedicated team needed at customer's end to evaluate system design, installation and operation

OPEX vs CAPEX

Contd..

Key Parameters	OPEX Model	CAPEX Model
Performance Risk	Baritech Infra bears all the performance risk and is incentivized to maximize generation because revenues are linked entirely to generation	Customer bears all the performance risk and must manage equipment & downtime losses
Tax Benefits	No Tax benefits for customer	Customer can claim tax benefit through accelerated depreciation
Regulatory Risk & Approvals	Baritech Infra prerogative	Owners prerogative



Our Projects

Roof Top & Ground Mounted Projects



Projects - Roof Top & Ground Mounted

Sl.	Name of Project	Qty	Year
01	RSPL Limited, Haridwar- Uttarakhand	20 kW	2017
02	Broil Solar Energy Pvt. Ltd. (Anjuman College of Engineering & Technology, Nagpur- Maharashtra)	100 kW	2018
03	Broil Solar Energy Pvt. Ltd. (Anjuman College of Engineering & Technology, Nagpur- Maharashtra)	40 kW	2018
04	Ravin Infraprojects Pvt. Ltd. - (Gondia Project)	500 kW + 20 kW	2018
05	RSPL Limited, Aurangabad Plant (MH)	316 kW + 50 kW	2018
06	IVL Dhunseri Petrochem Industries Pvt. Ltd.- Karnal, Haryana	1.20 MW	2018
07	Sarkun Solar Private Limited (AIIMS, Jodhpur)	1.92 MW	2018
08	DRS Energy (CEL-Nashik)	500 KW	2018

Projects - Roof Top & Ground Mounted

Contd...

Sl.	Name of Project	Qty	Year
09	Refex Energy Limited (RSPL Ltd. Raipur)	350 kW	2019
10	BREDA - Bihar	3.15 MW	2019
11	Refex Energy Ltd- Bellary, Karnataka	5.00 MW	2019
12	Azure Power - (REMCL- Bhilai)	300 kW + 500 kW + 350 kW	2019
13	Superior Drinks Pvt. Ltd. (Coca Cola - Nagpur & Jabalpur)	1.65 MW	2020
14	RSPL Limited, Alwar- Rajasthan	896 kW	2020
15	Hella India Lighting Limited, Derabassi- Punjab	505 kW	2020
16	Yash International, Sultanpur, Telangana	350 KW	2020

Projects - Roof Top & Ground Mounted

Sl.	Name of Project	Qty	Year
17	N.R. Wires	5 MW	2020-21
18	CSPDCL, Chhattisgarh	6 MW	2020-21
19	Kanchan India Limited- Bhilwara, Rajasthan	12 MW	2020-21
20	Ramnik Power & Alloys Pvt Ltd, Balaghat, MP	4 MW + 1 MW	2021-22
21	Enrich Energy Pvt Ltd, Pune	7 MW	2021-22
22	Gensol Emerging Limited, Telengana & Punjab	3 MW + 3 MW	2021-22
23	Ados Solar, UK	1.25 MW	2021-22
24	Enrich Energy Pvt Ltd, Solapur	5 MW	2021-22

Projects - Roof Top & Ground Mounted

Sl.	Name of Project	Qty	Year
25	Futures Green Energy Pvt Ltd, Kishangarh, Rajasthan	1 MW	2021-22
26	Bharat Solar, Jalandhar, Punjab	1 MW	2021-22
27	NR Wires, Chhattisgarh	4 MW	2022-23
28	CSPDCL Kusum Yojna	10.5 MW	2022-23
29	Enrich Energy Private Limited Yevatmal	5.5 MW	2022-23
30	Prozeal Infra Energy Private Limited (Amreli and Vadodara)	10.5 MW	2022-23
31	AST (Airtel Sites Rajasthan, Assam and Telangana)	3 MW	2022-23
32	Trident Textiles Limited Budhni Madhya Pradesh (Gensol Group)	10 MW	2022-23

Projects - Roof Top & Ground Mounted

Sl.	Name of Project	Qty	Year
33	Shakti Polyfab ,Kadi Gujrat (Gensol Group)	600 kW	2021-22
34	Ramnik Power And Alloys Balaghat Madhya Pradesh (Ankit Solar Power)	10 MW	2021-22
35	Rattan India (Delhi)	2.5 MW	2022-23
36	Knack Technopack Private Limited (Gujarat)	1 MW	2022-23
37	Emerge Glass Vyom Power (Raasthan)	1.1 MW	2022-23
38	Essel URJA Pvt.Ltd (Noida, UP)	4 MW	2022-23
39	Essel URJA Pvt.Ltd (Jalaun, UP)	2.8 MW	2022-23
40	Astral Pipes (Gujarat)	2.7 MW	2022-23

Projects - Roof Top & Ground Mounted

Sl.	Name of Project	Qty	Year
41	SRF Limited (Gummidipoondi, Tamil Nadu)	3.4 MW	2022-23
42	Gujarat Craft industries Limited	1 MW	2022-23
43	Shree Cement LTD (Panipath, Haryana)	6.7 MW	2022-23



Project Gallery

A few snapshots





AIIMS Jodhpur- Rajasthan

1.92 MW Roof Top + Car Parking



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IVL Dhunseri Petrochem Industries Ltd

1.20 MW Roof Top Project





RSPL Limited, Alwar

896 kW



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Hella India Lighting Ltd, Punjab

300 kW





Central Electronics Limited, Nashik

500 kWp Ground Mounted Project



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Railway Loco Shed, Bhilai

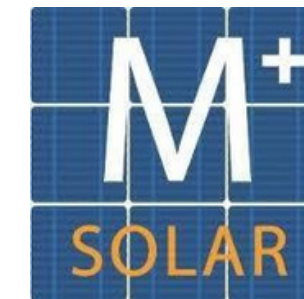
300 kW



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Our Investment Partners



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Our Banking Partners





Our Happy Clients



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Email: sales@baritech.co.in

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Our Technology Partners






Get in touch

BARITECH INFRA PRIVATE LIMITED

CIN: U31100CT2018PTC008794

 **Office:** B#05, Church Road Behind Star Marble ,
Anand Vihar Kohka 490023 Bhilai Chhattisgarh

 881-885-9625 | 831-959-6038

 sales@baritech.co.in

 www.baritech.co.in