



SOLAR ENERGY

FOR YOUR HOME &
BUSINESS

"INSPIRED BY THE SUN"

OUR SERVICE

CONSULTANTS FOR ENERGY

DOMESTIC AND COMMERCIAL SOLAR POWER
INSTALLATION

Authorized Service Provider for  **BOSCH**



ABOUT US

B AND BK SOLAR SOLUTIONS PRIVATE LIMITED is a progressive company in the renewable energy industry, focused on transforming the Indian solar energy market. With a deep dedication to sustainability and innovation, we specialize in offering state-of-the-art solar energy solutions through our research and development team. Established on the foundations of visionary leadership and strategic partnerships, B AND BK SOLAR SOLUTIONS PRIVATE LIMITED stands as a pioneering force set to revolutionize the renewable energy sector in India.



OUR MISSION

At **B AND BK SOLAR SOLUTIONS PRIVATE LIMITED**, our mission is to spearhead the shift towards a sustainable future by leveraging renewable energy solutions. We aim to deliver innovative, dependable, and affordable solar energy solutions that empower communities, stimulate economic growth, and reduce environmental impact.

Customer-Focused: We prioritize understanding and meeting the unique needs of our clients, ensuring tailored solutions and exceptional service.

Ongoing Development: We are committed to perpetually refining our processes and expanding our capabilities to deliver superior renewable energy solutions.

Eco-Friendly: Our operations and products are designed to minimize environmental impact, promoting a healthier planet for future generations.



VISION FOR THE FUTURE

As we advance, B AND BK SOLAR SOLUTIONS PRIVATE LIMITED remains dedicated to promoting positive change within the renewable energy sector. With a strong emphasis on sustainability, innovation, and client satisfaction, we aim to become a leading player in India's renewable energy market, empowering communities and promoting a greener future.

- We have clear goals for expanding our renewable energy footprint.
- Sustainability is embedded in every aspect of our operations.
- We continuously invest in new technologies and solutions. Our commitment to community empowerment drives our projects. We envision a future where renewable energy is accessible to all.

OUR GOAL

Our goal is to offer our customers a broad spectrum of renewable energy solutions that go beyond solar power, incorporating an extensive array of green energy technologies. We are dedicated to continuous research and innovation, aiming to discover new sustainable energy solutions that address the evolving needs of our clients and the environment.

How our solar solution & services are cost efficient?

Product Maintenance

The quotation proposal & agreement is prepared considering Quality Products, Logical Electrical and Engineering Expertise, year-long experience in the field of solar energy and is inclusive of the 5-year periodic maintenance.

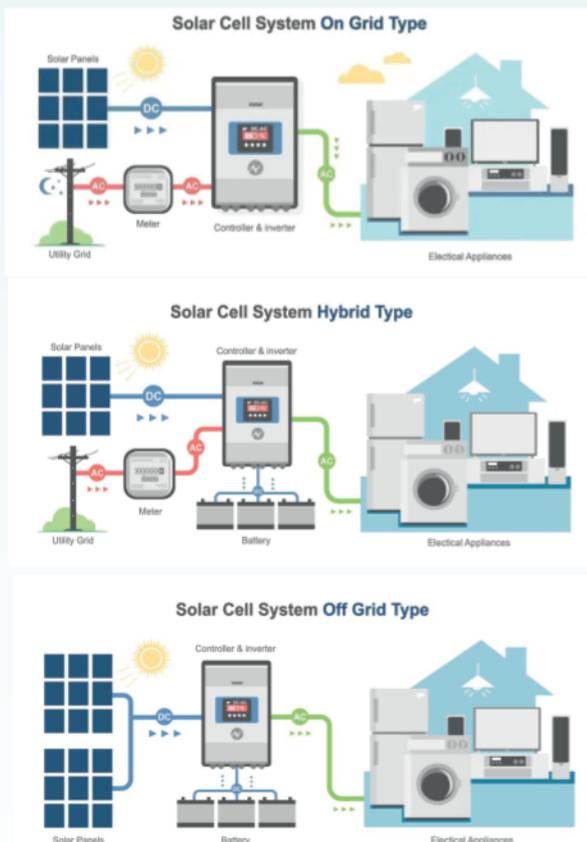
Let's Take an Example:

Let's say you have installed a 5kW Solar Power Plant and the daily units generated is 5 units/day/kilowatt. So, for a 5 kW Solar Plant will generate/produce 20 units/day. This generation/production is only possible if you have a periodic maintenance every six months for 5 years.

Let's take a scenario where your system is Without Periodic Maintenance once in 6 months; the efficiency of the plant will get reduced by 20 – 30%. Which means the solar plant will generate/produce 5 units lesser than usual i.e. only 15 units in a day. Which was supposed to be 20 units/day.

5 units x 365 days	= 1825 units a year
1825 units x Rs. 8	= Rs. 14,600 per year
Rs. 14,600 x 5 years	= Rs. 73,000
Loss amount during the 5-year period = Rs. 73,000	

Types of Solar System:



Domestic

- Individual Houses & Villas
- Residential High Raised Apartments
- Gated Communities
- Group Housing Societies

Commercial Units

- Hospitals
- Hotels
- Resorts
- Restaurants
- Educational Institutions
- Research Centers
- Super Markets
- Banks
- Jewelry Shops
- Food Courts
- Cinema Theaters

Industrial Units

- Manufacturing / Factory Units
- Food Processing Units
- Steel Industries

BENEFITS OF SOLAR

Cost Savings:

- Solar panels significantly reduce electricity bills by generating your own power.
- Solar panels often pay for themselves within 5-10 years through energy savings.
- Excess energy produced can be sold back to the grid, creating an additional income stream.

Renewable Energy Source:

- Solar energy is abundant and renewable, ensuring a sustainable power source.
- Solar energy is inexhaustible, unlike finite fossil fuels.
- It reduces reliance on imported fuels, enhancing national energy security.

Environmental Impact:

- Solar energy reduces carbon footprint and greenhouse gas emissions, contributing to a healthier planet.
- Solar energy production emits no pollutants, improving air quality.
- It helps in mitigating climate change by reducing carbon emissions.

Energy Independence:

- Generating your own electricity reduces dependence on the grid and fossil fuels.
- Solar power protects against volatile energy prices and supply disruptions.
- It allows for energy autonomy, especially in remote or rural areas.



KEY DIFFERENTIATORS

Client-First Philosophy

At B AND BK SOLAR SOLUTIONS PVT. LTD, we prioritize customer satisfaction by thoroughly understanding our clients' unique needs and preferences. Our bespoke solutions consistently exceed expectations, fostering long-term partnerships based on trust and reliability.

- We offer personalized consultations to understand client requirements.
- Our solutions are customized to meet specific energy needs.
- We provide dedicated support throughout the project lifecycle.
- Customer feedback is integral to our continuous improvement process.
- We build lasting relationships through consistent and reliable service.

Dynamic Partnerships

Our collaboration with B&B Associates enhances our capabilities and speeds up our innovation process. By merging technological expertise with entrepreneurial insight, we create powerful synergies that deliver exceptional value to our clients.

- This partnership allows access to cutting-edge technologies.
- We benefit from shared knowledge and resources.
- Collaborative projects lead to faster development cycles.
- Joint ventures open new market opportunities.
- Combined strengths lead to superior product offerings.





BOARD OF DIRECTORS



Mr. DEEPAN MANOHARAN

Chief Operating Officer

Deepan Manoharan is a results-driven business leader with a proven track record in operations, strategy, and client relationship management. As Director, he brings over seven years of hands-on experience managing a successful stone crushing enterprise, where he honed his expertise in operational efficiency, team leadership, and commercial growth.

Currently leading a renewable energy venture focused on solar power, Deepan leverages his strategic vision and strong stakeholder engagement capabilities to drive sustainable development and long-term business value. His ability to cultivate high-impact partnerships and navigate complex business environments underscores his reputation as a forward-thinking and dependable leader.

A firm believer in continuous improvement and innovation, Deepan is committed to accelerating the transition to clean energy while maintaining excellence in execution and integrity in leadership.

Mr. VARUN PRASAD R

Chief Financial Officer & Director,

As the CFO and Director of B and BK Solar Solutions Pvt. Ltd., I am deeply committed to driving sustainable energy innovation and building a greener, more resilient future for India. My professional journey combines financial leadership with a passion for science, education, and national development.

One of the defining moments in my early career was attending a space school program at NASA, where I had the unique opportunity to explore the Mars Rover Mission. This experience fueled my lifelong fascination with science and technology and laid the foundation for my work in clean energy.

In addition to my corporate responsibilities, I also founded and run a science-infused school that introduces young minds to the wonders of science through hands-on learning. Our goal is to ignite curiosity, inspire innovation, and make science not just a subject—but a passion.

I am a firm believer in using knowledge and entrepreneurship to solve larger societal challenges. Whether it's through promoting solar energy or nurturing the next generation of scientists, I remain committed to creating meaningful impact and shaping a brighter future for the country I proudly call home.

More to come—the journey has just begun.

Mr. C.A. BABU CHERUSSERIL

Chief Executive Officer

With over 25 years in the construction industry, Mr. Babu Cherusseril is a seasoned senior manager known for his strong focus on client satisfaction, quality control, and team leadership. His consistent delivery of successful projects and commitment to excellence have earned him industry-wide respect and made him a trusted leader in driving results and fostering long-term relationships.

Mr. C.A. BIJU

Managing Director

Managing Director of B And BK Solar Solutions Pvt. Ltd., Mr. C.A. Biju is a visionary leader with a strong foundation in renewable energy and sustainable business growth. Beginning his career in 1997 and co-founding B&B Associates in 2012, he has driven the company to notable success—including a ₹4 crore turnover by 2019, largely through customer referrals. Known for strategic partnerships, such as with Bosch India Ltd., and expanding operations across Tamil Nadu, Mr. Biju exemplifies hands-on leadership, innovation, and a deep commitment to eco-friendly solutions.



Mr. KEVIN DOMINIC

Chief Human Resources Officer

The journey so far on the professional front has a multi-industry perspective shaped by years of leadership in Human Resources, Compliance, Sustainability and Business Continuity Management with emphasis on Offshore, Marine and renewable energy industry. All along have strived towards ensuring organizational resilience and aligning operation with ethical and regulatory standards.

The past experiences have enlightened me the simple basics of entrepreneurship which will be reflected on my endeavour in this Solar Energy Project which will reflect inexhaustible energy source, replenishing resources, sustainable option and above all, with very low impact on our environment.

My business ventures began within the hospitality industry, taking care of corporate clientele requirements within the corridor of our own IT sector.

At B and BK, we will be committed on creating a workplace driven by its core values emphasising on Customer Centricity, Integrity, Accountability, Sustainability and Employee Focus.

Let us bring the brightness in everyone's' life!!

COLLABORATION WITH B&B:

B AND BK SOLAR SOLUTIONS PRIVATE LIMITED is thrilled to announce a new strategic alliance with B&B Associates, a pioneering force in the renewable energy sector since 2012. B&B's longstanding dedication to quality and exceptional customer service perfectly aligns with our vision of advancing innovative and sustainable energy solutions.

This partnership grants B AND BK SOLAR SOLUTIONS PRIVATE LIMITED, the access to B&B's vast expertise and impressive track record in the solar energy industry. With over 3500 satisfied clients, including 500 who switched from competitors, B&B's commitment to excellence is evident in their superior components and services.

B&B's role as the exclusive service provider for renowned brands such as BOSCH, along with their partnership with Orb Energy, brings significant experience and credibility to our collaboration. Their customer-first philosophy, marked by professionalism, dedication, and exemplary after-sale support, reflects our own focus on delivering outstanding value.

Together, we aim to redefine the renewable energy market by providing high-performance integrated systems known for their exceptional quality and service. Our offerings are precisely tailored to address the specific needs of our customers, ensuring flexibility, adaptability, and customization.

With regional offices strategically located across Kerala and Tamil Nadu, our partnership emphasizes "near customer – faster service & support," showcasing our mutual commitment to customer satisfaction. As we continue to expand and serve an increasing number of clients, our collaboration with B&B Associates enhances our ability to deliver innovative, sustainable, and reliable energy solutions that empower communities and drive positive change.

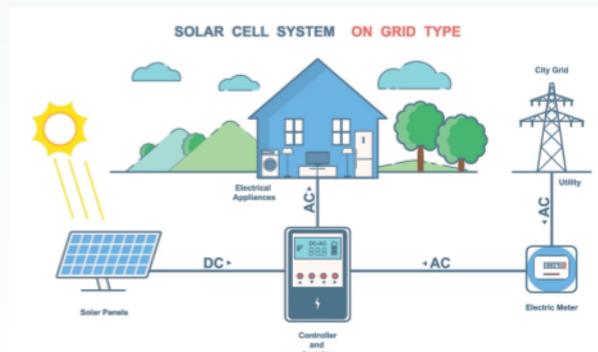
OUR PRODUCT

Solar On-Grid System – At a Glance

What It Is: A grid-connected solar power system that generates clean energy while staying linked to the utility grid for backup.

How It Works:

- Solar Panels convert sunlight to DC electricity.
- Inverter changes DC to usable AC power.
- Net Meter (if applicable) tracks energy used vs. sent to the grid.
- Grid Connection allows two-way power flow.





OUR BRANDS



OUR CLIENTS





BANDBK SOLAR SOLUTIONS PRIVATE LIMITED

📍 May flower Signature, Office 7B, 7TH FLOOR, Avinashi Road, Peelamedu, Coimbatore – 641004
✉ solar@heliossunshine.in 🌐 www.heliossunshine.com 📞 90 4195 4195

Authorized Service Provider for  **BOSCH**