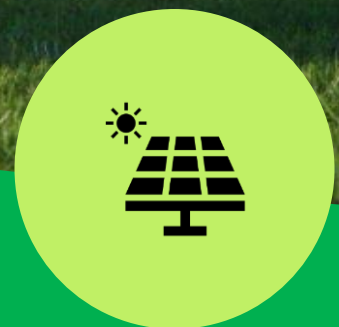


# CLIMATE CARE

ISO 9001: 2015 CERTIFIED COMPANY



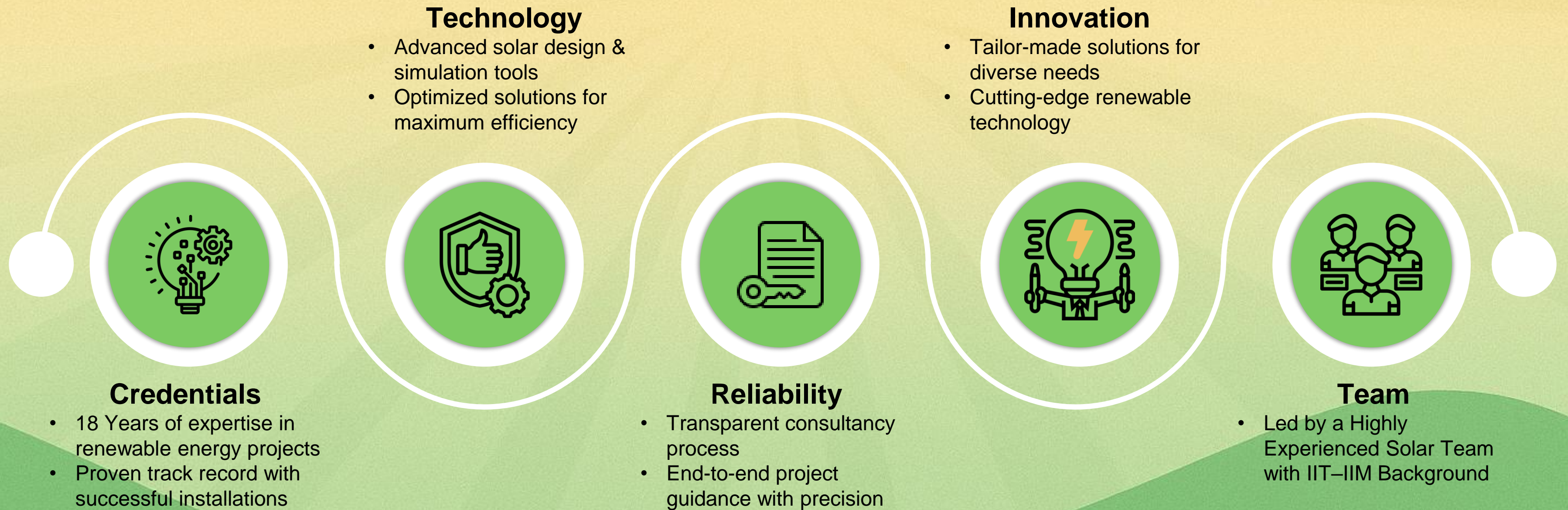
Renewable Energy & BESS Consultancy  
**SOLAR | STANDALONE BESS | SOLAR + BESS |**  
**RTC | FDRE | TBCB | AMISP**

# About Us

- **Established Firm:** ISO 9001 certified Renewable Energy & BESS Consultancy firm.
- **Locations:** Offices in Mumbai & Delhi NCR; associates across Africa.
- **Founders:** IIT & IIM alumni with extensive renewable energy expertise.
- **Experience:** Over 100+ man-years in renewable energy projects.
- **Expertise:**
  - **Consulting**
    - Solar PV
    - Solar-Wind Hybrid
    - Standalone BESS
    - Solar with BESS
    - Round the Clock (RTC) Power
    - Firm Dispatchable Renewable Energy (FDRE)
    - Green Hydrogen
    - TBCB (Transmission Line & Substation)
  - **Policy Advocacy & Market Research**
- **Team:** 20+ professionals dedicated to consulting in renewable energy.



# Why Climate Care?



# Founder's Profile

01

## Nitin Mittal (Founder)

Nitin is a Mechanical Engineer from NIT with an MBA in Finance and Operations from IIM Kozhikode, bringing over 21 years of professional experience, including more than 18 years in the renewable energy and Battery Energy Storage Systems (BESS) sector. He has developed deep expertise in project development, investments, financial modelling, bid strategy and optimization, feasibility assessments, due diligence, and advisory services across RE and BESS domains. Nitin's extensive background enables him to effectively navigate the complexities of the clean energy ecosystem, delivering actionable insights and impactful results for clients.



02

## Vibhor Kansal (Founder)

Vibhor, an Electronic Engineer from IIT BHU, excels in managing and delivering impactful large-scale solar and renewable energy projects.



# Management Team

03

## Sundeeep Saini (Chartered Accountant, Associate Director - Finance)

**Sundeeep Saini** has over 20 years of experience in finance and planning, debt syndication, funds management, and project control. He is the Associate Member of the ICAI, He has worked extensively on large-scale infrastructure and renewable energy projects and secured critical project funding, design effective business proposals, and negotiate complex financial deals. Known for his practical approach and strong financial analysis, Sundeeep has a track record of delivering sustainable growth and building trusted relationships with key stakeholders. His ability to understand and demonstrate the financial models with the Lenders makes him a valuable leader in today's evolving business landscape.



# Vision & Mission



## OUR VISION

To be a globally respected leader in renewable energy consulting.



## OUR VALUES

- **Customer Centric:** Consistently surpassing customer expectations
- **Leadership by Example:** Setting new benchmarks in the industry
- **Ethics:** Commitment to honesty, integrity, and transparency
- **Agility:** Swift and responsive in our approach
- **Result Orientation:** Relentlessly focused on achieving outstanding results

# Consulting Services- RE & BESS

## 01. Project Conception & Development Services

- Renewable Energy Feasibility Studies / Detailed Project Report (DPR)
- Technology Assessment & Selection
- Preparation of RFP/RFQ document

## 02. Design & Engineering – Renewable Energy

- Conceptual and detailed project design
- Electrical, civil & structural engineering
- System sizing, layout & optimization studies
- Preparation of drawings, BOQs & technical specifications
- Design validation and compliance with codes & standards



# Consulting Services- RE & BESS

## 03. Transaction Advisory – Renewable Energy

- M&A advisory (buy-side / sell-side)
- Technical, financial & legal due diligence
- Asset & portfolio valuation
- Project financial modelling & structuring
- Deal negotiation support
- Equity & Debt Capital Raising
- Market entry & JV advisory
- Regulatory & policy guidance
- Post-transaction integration

## 04. Financial Services for IPPs/ BESS Projects

- Techno-commercial optimization for tenders
- Complex Financial Modelling for Central/ State Government Bids
- Platform level Modelling for Phase-wise portfolios
- Bid Advisory Assistance
- Fund Raising - Debt & Equity



# Consulting Services- RE & BESS

## 05. Project Delivery Services

- Project Management
- Contract Specifications and Review
- Owner's/ Lender's Engineers

## 06. Land Aggregation Services

- Land Consulting & Development
- Techno-legal Due Diligence
- Liaison Services
- Identification & Acquisition of Large Land Parcels
- Mutation & CLU/NA
- Structuring Land Documents for any Type of Land Transactions

**Team of around 10 people permanently for Land Aggregation.**



# Why Climate Care?



## Expert Leadership

Led by a team of IIT & IIM alumni with strong network in the power and renewable sectors.



## Comprehensive Knowledge Hub

A one-stop forum for expertise from project conceptualization to execution.



## Diverse Experience

Team with technical, commercial, and legal expertise, ensuring well-rounded project support.



## Proven Success

Experience in winning over 2000 MW of Renewable projects and 500MWh+ of Battery Energy Storage (BESS) projects in the last 2 years.

# Why Climate Care?



## Technology Expertise

Proficient in multiple technologies, including:

- Solar
- Standalone Battery Energy Storage Systems (BESS)
- Solar with BESS
- Round-the-Clock (RTC) power
- Firm Dispatchable Renewable Energy (FDRE)
- Solar-Wind Hybrid
- Green Hydrogen



## Specialized Bidding Experience

Expertise in Transmission Line & Substation (TBCB) and Advanced Metering Infrastructure Smart Meter (AMISP) Bidding Advisory.

# Bid Management & Financial Modelling

**Design Optimization, Cost Estimation, Financial Modelling, Bid Documentation  
(Experience of more than 4000MW Projects)**

- 40MW- NSM Phase II, Batch III (SECI- Gujarat)
- 80MW+20MW- NSM Phase II, Batch III (SECI- Maharashtra)
- 50MW- NSM Phase II, Batch III (NTPC- Karnataka)
- 100MW- NSM Phase II, Batch II (SECI- Kadapa Solar Park)
- 250MW- Rewa Ultra Mega Solar Project (RUMS)
- 250MW- NSM Phase II, Batch II (NTPC Kadapa)
- 300MW- Battery Integrated- NSM Phase II, Batch IV (SECI- BESS)
- 1500MW-NSM Phase II, Batch IV (SECI- Bhadla Solar Park)
- 200MW- GUVNL (Gujarat State Policy)
- 105MW- Karnataka State Policy
- 50MW- UPNEDA, Uttar Pradesh
- Unsolicited Bid of 100MW in Bangladesh (BPDB)
- 50MW Tender in Bangladesh (BPDB)
- 150MW- RUVNL Rajasthan, India
- 300MW- NTPC 1200MW ISTS
- 300MW- SECI 1200MW ISTS
- 400MW- NHPC 3000MW ISTS
- 100MW- SJVN ISTS
- 100MW- NHPC ISTS
- 20MW- Nigeria

# Detailed Feasibility Studies/DPR

- 200MW Project in Teknaf, Cox's Bazar in Bangladesh
- 80MW NSM, Phase II, Batch III SECI Project in Maharashtra
- 10MW\*2 Projects in Karnataka, India
- 30MW Open Access Project in Karnataka, India
- 10MW Project in Madhya Pradesh, India
- 20MW Project in Nagaland, India
- 40MW Project in Uttar Pradesh, India
- 20 MW Solar PV Project in Thailand
- 1MW Project in Assam (synchronised with Hydro-electric Project)
- 100MW Floating Solar at Rihand Dam, Sonbhadra, U.P.
- 100MW Floating Solar at Baleshwar Reservoir, Odisha
- 450MW Bundelkhand Solar Expressway
- 50MW Captive Project in Rajasthan **(Ongoing)**



# Design & Engineering

## Grid Mounted Projects

- **Detailed Design & Engineering for International Projects based in**
- South America: Argentina
- Australia
- Asia: Bangladesh, Malaysia, Philippines, Taiwan, Thailand
- Middle East & North Africa (MENA): Lebanon, Oman, Jordan, Tunisia, Israel
- East Africa: Kenya, Namibia
- West Africa: Ghana, Burkina Faso, Benin, Ivory Coast, Togo

## Rooftop Projects

- Multiple designs from 30kWp-5MWp



# Transaction Advisory/ M&A Due Diligence

## Operational Assets

- 400MW Solar PV and Wind asset Portfolio across India
- 20MW Solar PV Project in MP, India
- 10MW Solar PV Project in MP, India

## Shovel Ready Assets

- 200MW Solar PV Project in Teknaf, Cox's Bazar in Bangladesh
- 60MW Solar Project in Maharashtra
- 80MW Solar Project in Maharashtra
- 30MW (15MW \* 2 no.) Solar PV Projects in Telangana, India
- 20 MW Solar PV Project in Thailand
- 10MW Solar PV Project in Karnataka, India
- BESS Projects in Karnataka, Maharashtra, Rajasthan & Telangana **(Ongoing)**

# Owners'/ Lenders' Engineer

## Owners' Engineer/ Project Management for almost 500MW+ Projects

- U.P. (50MW), M.P. (40MW), Gujarat (30MW), Rajasthan (35MW), Karnataka (10MW), Telangana (30MW)
- 50MW Captive Project near Jodhpur, Rajasthan **(Ongoing)**

## Lender's Engineer Services for around 80+ Solar PV sites

# BESS Specific Assignments

## Standalone BESS bids

- NHPC Kerala (15MW/60MWh)- Won
- BSPGCL Bihar (47.5MW/190MWh)- Won; under execution
- NHPC Andhra Pradesh (50MW/100MWh)
- RVUNL (150MW/300MWh)- Won
- RVUNL 500MW/2000MWh **(Ongoing)**
- MAHADISCOM 2000MW/4000MWh **(Ongoing)**
- Assisting KSPDCL (Karnataka Govt.) for 200MW/400MWh standalone BESS.
- Solar + BESS assignment for a project in Africa.
- FDRE (Firm and Dispatchable Renewable Energy) model consisting of Solar, Wind integrated with BESS for an Industrial client.
- Detailed Project Report for setting up 2GWh BESS assembly line in India.

## Solar + BESS

- SECI Solar + BESS (600MW + 300MW/1200MWh)- Won

## TBCB SPECIFIC ASSIGNMENTS

- TBCB Anantapur
- TBCB Morena



# Land Credentials

Client	Capacity (MWac)	Area (in acres)	State
EMCO	5	34	Gujarat
BTCL	10	50	MP
Solar Arise	50	250	UP
Tata Power	50	250	UP
Ashoka Seeds	10	40	Uttarakhand
Vishu Almas	20	80	UP
Vibgyor Energy	100	400	Haryana
Confidential	10+10	80	UP (Ongoing)

# Founder's Credentials

- Prepared business plan and financials for Solar Photovoltaic (PV) facility (For Integrated Polysilicon-> Ingot-> Wafer-> Cell-> Module Manufacturing Facility).
- Prepared Detailed Project Report (DPR) for submission under SIPS policy for 30% subsidy for integrated Solar PV manufacturing facility.
- International location consulting for setting up plant for Solar PV business.
- Due diligence for acquisition in Solar PV space.
  - ❖ Solar cell and Module Manufacturing Company.
  - ❖ One of the largest EPC Company.
- International Business Development for PV module sales.
- Bid Advisory for JNNSM Phase I (Batch I and Batch II with NRVN as nodal agency).
- Carried out end to end project implementation and successful commissioning of Solar PV Plants in Rajasthan, Gujarat and Delhi.
- Visited multiple cell and module manufacturing facilities and Solar PV Plants across world (Malaysia, Germany, Italy, USA, China).



# Others

- Group Captive / Open access PPAs for cheaper Renewable Power.
- Large manufacturing facilities with presence in the states of Tamil Nadu and Karnataka.
- Feasibility study and Due Diligence for International Projects across Asia and Africa. (200MW in Bangladesh, Thailand, Philippines, Kenya, Burkina Faso, Somalia, Benin, Ghana and Nigeria).
- Development of 1000MW Solar Park: Feasibility, Layout Plan and Technical Assistance for Park Development.

ISO 9001:2015 (QMS)



Scan this code with your smart phone to verify the certificate



## Certificate

THIS IS TO CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OF  
**CLIMATE CARE PRIVATE LIMITED**  
**D-22 MEERUT ROAD INDUSTRIAL AREA, GHAZIABAD**  
**UTTAR PRADESH - 201003, INDIA**  
 HAS BEEN INDEPENDENTLY ASSESSED IN ACCORDANCE WITH RCS PROCEDURES AND  
 FOUND TO COMPLY WITH THE REQUIREMENTS OF  
**(QUALITY MANAGEMENT SYSTEM)**  
**ISO 9001:2015**  
 FOR THE FOLLOWING SCOPE:  
**MANAGEMENT CONSULTANCY SERVICES-RENEWABLE ENERGY**  
**CONSULTANCY, EPC, EHS (ENVIRONMENT, HEALTH & SAFETY).**

**CERTIFICATION CALENDAR:**


CLIENT ID: 60780	
PLACE: UTTAR PRADESH, INDIA	
CERTIFICATE NO: INQ/UP-62478/0223	
INITIAL REGISTERED DATE: 22.02.2023	ISSUANCE DATE: 22.02.2023
DATE OF EXPIRY: 21.02.2026	
1 <sup>st</sup> SURV. DUE: 21.02.2024	2 <sup>nd</sup> SURV. DUE: 21.02.2025



ACCREDITED  
Management System  
Certification



ISO 9001  
CERTIFIED



CERTIFIED  
CERTIFIED



Authorised Signature  
To check this certificate status visit:  
[www.thesasl.co.uk](http://www.thesasl.co.uk)

**REVOLUTIONARY CERTIFICATIONS SERVICES**  
 27, Old Gloucester Street, London, WC1N 3AX, United Kingdom. Email:- [info@rcscert.com](mailto:info@rcscert.com)  
 Validity of this certificate is subject to successful completion of surveillance audit on or before of due date.  
 (In case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawal.)  
 Certification Verification: Please check this validity of the certificate at:- <https://www.thesasl.co.uk/certified-clients/> or [www.thesasl.co.uk](http://www.thesasl.co.uk) at  
 Verify & then Certified Clients. This Certificate remains the property of RCS & shall be returned immediately upon request.

# References



# References



# International References





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**Website:** [www.climatecare.in](http://www.climatecare.in)

# THANK YOU