

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.

03. Transaction Advisory – Renewable Energy

- M&A advisory (buy-side / sell-side)
- Technical, financial & legal due diligence
- Project financial modelling & structuring
- Deal negotiation support
- Debt Syndication**
- 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

05. Project Delivery Services

- Project Management Consultancy (PMC)
- Lender's Engineer
- Owner's Engineer

Consultancy Services for Utility-Scale BESS Assembly

- Technology & Product Advisory
- Vendors Selection
- Technology License Agreement (TLA) Support
- Machinery & Automation Advisory
- Factory Setup & Process Design
- Standards & Compliance
- Supply Chain & Vendor Ecosystem
- Financial & Business Strategy
- System Integration & Commissioning
- Go-to-Market Strategy

References



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CLIMATE CARE



India's most trusted renewable and BESS expert

Renewable Energy & BESS Consultancy

SOLAR | STANDALONE BESS
SOLAR + BESS | RTC | FDRE | TBCB | AMISP

www.climatecare.in

About us

Climate Care, established in 2013 by IIT-IIM alumni, is a boutique consulting firm with over 12 years of expertise in large ground-mounted Solar PV and utility-scale BESS projects. With a proven 100% success rate, we have successfully secured 2,500+ MW of Solar PV and 2,000+ MWh of BESS projects in just the past two years.

Our services span design & engineering, Owners'/Lenders' Engineer roles, transaction and bid advisory, technical due diligence, and EPC partnerships. Trusted by leading Independent Power Producers (IPPs), we have supported bids with SECI, NTPC, NHPC, SJVN, and GUVNL, among others.

From Solar, BESS, and Hybrid systems to RTC, FDRE, and Green Hydrogen projects, Climate Care delivers comprehensive solutions across India, the Asia-Pacific, and Africa, driving the transition toward a cleaner energy future.

Experience:

100+ Man-Years in Renewable Energy Projects

Expertise:

- Solar PV
- Hybrid
- Standalone BESS
- RTC Power
- FDRE
- Green Hydrogen
- TBCB (Transmission & Substations)

Team:

20+ Professionals Dedicated to Renewable Energy Solutions

Achieved a 100% success rate in Utility-Scale Solar PV tenders and 75% success rate in BESS tenders, with a portfolio of 2.5 GW of Solar PV and 2 GWh of BESS secured in the last two years.

Founder's Profile

Nitin Mittal (Founder)

Nitin, a Mechanical Engineer from NIT with an MBA from IIM, has 21 years of experience, including 18+ in renewable energy and BESS. He specializes in project development, investments, and financial modelling. His expertise helps clients achieve impactful results in the clean energy sector.

Vibhor Kansal (Founder)

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

Our Impact

- 5,000+ MW of renewable bids supported till date
- 3,500+ MW of Solar PV project wins
- 2,500+ MW of Solar PV wins with a 100% success rate in the last 2 years
- 2000+ MWh of standalone BESS wins with a 75% success rate in the last 1 year
- 2000+ MW of feasibility studies / DPRs
- 1000+ MW of Design & Engineering
- 1000+ MW Transaction Advisory / M&A Due Diligence
- 1000+ MW of Owners / Lenders Engineer / Project Management Consultancy (PMC)
- Presence in 20+ countries through diverse consultancy assignments

Why Climate Care?



Credentials

- 18 Years of expertise in renewable energy projects.
- Proven track record with successful installations.



Technology

- Advanced solar design & simulation tools.
- Optimized solutions for maximum efficiency.



Reliability

- Transparent consultancy process.
- End-to-end project guidance with precision.



Innovation

- Tailor-made solutions for diverse needs.
- Cutting-edge renewable technology.



Team

- Led by a Highly Experienced Solar Team with IIT-IIM Background.

