



AVAAADA

India's Leading Energy Transition Group

Renewable Energy | Solar PV Manufacturing

Energy Storage Solutions | Green Fuels | Green Data Centres



Avaada Group

Harnessing Nature's Potential for Sustainable Progress

Avaada Group is India's diversified energy conglomerate, driving advancements across Renewable Energy, Solar PV Manufacturing, Pumped Storage Projects, Battery Energy Storage Solutions, Green Data Centres, and Green Hydrogen & its derivatives, including Green Ammonia and Green Methanol.

Drawing inspiration from the ancient wisdom of Ayurveda, specifically its foundational elements - ether, air, fire, water, and earth - Avaada envisions a self-sustaining, technology-enabled, and nature-aligned future that nurtures both people and the planet.

Under the strategic leadership of Mr. Vineet Mittal, Avaada Group has rapidly emerged as a leading business group, achieving ground breaking milestones while actively combating climate change. The Group's unmatched execution capabilities and industry-leading quality standards have garnered the trust and substantial investments from some of the most prestigious global institutions, including the Asian Development Bank (ADB), DEG (Germany), FMO (Netherlands), Proparco (France), GE and Brookfield.



This global trust was further reinforced by a strategic investment from Thailand's Fortune 500 PTT Group and a landmark USD 1 billion commitment by Brookfield Renewable's Global Transition Fund, Avaada stands globally acknowledged as a partner of choice in sustainable energy solutions.

With a clear vision to power a carbon-neutral present and future, Avaada upholds the highest global standards in governance, sustainability, innovation and stakeholder engagement. Guided by dynamic leadership, strategic foresight, technological excellence, and powerful global partnerships, Avaada is not just participating in—but leading—the global clean-energy revolution.



The Avaada Values



MISSION

Enlighten, Empower, and Energize every community (socially and economically) to realise their highest potential



VISION

Our vision is to achieve 30 GWp of installed Renewable Energy capacity, with a USD 20 billion asset base by 2030, thereby positively impacting 1 million lives.

We aim to accomplish this by setting up Green Hydrogen and Green Ammonia capacities, to help India reduce its carbon emissions. Additionally, we plan to establish a Solar Manufacturing unit to achieve self-sufficiency in the Renewable Energy sector



VALUES

- I: Integrity
- M: Mutual Respect
- P: Passion
- A: Accountability
- C: Commitment
- T: Trust



Milestones

Glorious journeys inception comprising many 'firsts' in the sector

2009

Started journey with mission to improve energy access and help eradicate poverty from India

First MoU of 40MW signed with Gujarat govt.



2011

Started India's first large-scale ground mounted 15 MW solar project in Gujarat

Followed by first large-scale solar project in states of Rajasthan, AP, Karnataka & MP



2012-13

Commissioned Asia's largest single location solar project of 55 MWp in Rajasthan

Commissioned World's 2nd largest single location solar project of 151 MWp in MP



2014-15

Collaboration with ADB, DEG and GE as equity investors

Partnered with GE and Gamesa to do third-party Wind EPC



2019

Awarded pipeline ~2.2 GWp

Equity fund raise of US\$ 150 Mn from Investors and Promoter's family office



2016

Became India's largest RE company with operational portfolio of ~1.2 GWp

Provided successful exit to investors with sale of ~1.2 GWp portfolio



2021

Equity fund raise from GPSC – PTT Thailand, providing highest ever exits to previous shareholders



2023

Secured US\$ 1.0 Bn commitment from Brookfield
Fresh infusion by GPSC in RE
Establishes target of 30GWp RE capacity by 2030
Begins construction of Solar PV Manufacturing facility at Dadri, Noida



2025

Laid foundation stone of 6 GW solar cell and 5 GW module manufacturing facility in Greater Noida.
Commissioned 7 GW module line in Nagpur.



2022

Issued AAA rated green bond in Indian domestic market
First Green Hydrogen project conceptualized in Odisha
Commissioned world's largest single-location solar power plant by an IPP with 1.25 GWp capacity in Rajasthan



2024

Commenced construction of 7 GW module and 6 GW cell manufacturing plant in Nagpur.
Laid foundation stone of 0.5 MMTPA Green Ammonia plant in Odisha.
Commissioned 1.5 GW solar module manufacturing facility in Dadri, Noida.



Our Power of Inspiration

Vineet Mittal, India's pioneering 'greentrepreneur', is leading the charge toward a sustainable future as Chairman of Avaada Group. With a vision to make India a global renewable energy hub, he has built Avaada into a diversified energy conglomerate spanning Renewable Power Generation, Solar PV Manufacturing, Pumped Hydro, Battery Storage, Green Data Centers and green hydrogen & its derivatives like green methanol and green ammonia. Avaada is India's fastest-growing IPP, targeting 30 GWp by 2030. In 2023, Avaada secured a landmark \$1.3 billion funding round—reflecting global trust in its purpose-driven model.

An NIT and Harvard alumnus, Mr. Mittal was awarded an honorary Ph.D. in 2025 for his contributions to sustainability. In 2022, Avaada built one of the world's largest single-location solar project (1.25 GWh). A World Economic Forum member, he is also former Co-Chair of the B20 Task Force and current Chair of the CII Sub-Committee on Hydrogen Standards.

A trailblazer since his initial stint in IT and Telecom days, he blends vedic wisdom with innovation. Guided by the five Ayurvedic elements and Karmayoga, he leads with purpose. His "People Before Profits" philosophy drives the Avaada Foundation's work across 15 states. A yogi and seeker, he believes inner change powers outer impact.

Vineet Mittal
Chairman - Avaada Group



Sindoor Mittal is the Vice Chairperson of Avaada Group, one of India's foremost clean energy and energy transition companies. A dynamic leader at the forefront of India's Net Zero ambition, she drives the Group's strategy, investor relations, and organizational transformation, with a strong focus on building agile, future-ready teams.

A graduate of the Indian School of Business (ISB-Hyderabad) and Stanford Graduate School of Business, Ms. Sindoor blends global insight with grounded execution. Her leadership has been instrumental in securing investments from marquee global institutions including Brookfield Renewable, Asian Development Bank, Proparco, and Thailand's PTT Group – affirming Avaada's position as a trusted partner in global climate solutions.

Before co-founding Avaada, Ms. Sindoor led the solar vertical at one of the leading Renewable Energy developer, where she oversaw the development and eventual exit of a ~1140 MW portfolio in a landmark transaction with Tata Power – one of India's largest renewable energy deals at the time.

Ms. Sindoor is equally passionate about social impact. Through the Avaada Foundation, she champions initiatives in girls' education, community upliftment, and inclusive development – believing that true progress must empower both people and the planet.

Beyond the boardroom, Sindoor is a national-level pickleball champion, representing India on international platforms, and is deeply invested in wellness, longevity, and peak performance.

At her core, Sindoor believes in purpose-driven leadership. For her, Avaada is not just an energy company – it is a catalyst for change, where sustainability, digital innovation, and human progress come together to shape a better, greener future.

Sindoor Mittal

Vice Chairperson - Avaada Group

Mr. Kishor Nair, the CEO of Avaada Energy, the renewable energy arm of the Avaada group, is a veteran in the energy sector with more than four decades of unparalleled experience in **implementation of various kinds of large infrastructure projects in the Energy sector, both Domestic and International sector.**

Mr. Nair has been with Avaada Group since its inception and was spearheading the development of RE projects covering Business Development & strategic planning, Project Management and EPC execution, Operation and Maintenance of Operational assets of RE projects ensuring profitability and value creation for the investors.

Under his leadership, Avaada Energy has grown significantly and achieved an operational capacity of ~ 5.6 GW. Avaada Energy is well poised to achieve its target of 30 GWp by 2030.

Kishor Nair

CEO - IPP Business



Avaada's Unparalleled Energy

► Renewable Energy



Avaada's flagship IPP business has been at the vanguard of India's clean energy revolution. From commissioning the country's first 15 MWp utility-scale solar plant in Gujarat (2011) to developing a 1.25 GWp single-site solar power project in 2022—one of the world's largest by an IPP—Avaada has consistently set new benchmarks in renewable energy development.

With a diversified portfolio spanning solar, wind, hybrid, FDRE, and solar-plus-storage projects, Avaada is uniquely positioned to deliver clean, reliable power solutions tailored to the evolving needs of India's energy landscape. By integrating solar and wind generation with advanced storage systems, the company is driving the transition toward Round-the-Clock renewable energy, ensuring dependable and competitively priced green electricity.

Avaada Energy's execution-focused culture and long-term partnerships with global investors and stakeholders make it a partner of preference for India's clean energy journey.

► Solar PV Manufacturing



Avaada is building a world-class automated, green energy-powered and AI-enabled integrated solar manufacturing ecosystem. The company manufactures high-efficiency N-Type TOPCon solar modules, certified under both ALMM and BIS standards—delivering performance, cost competitiveness, and adaptability across diverse geographies.

The company currently operates with 8.5 GW of PV module manufacturing capacity and is planning further expansion, supported by manufacturing facilities in Uttar Pradesh and Maharashtra, which are designed for scalability and flexibility.

The flagship Nagpur facility, equipped with advanced production lines and a smart energy management system, operates with a Takt time of just 16 seconds.

Backed by cutting-edge infrastructure, a culture of innovation, and globally recognized certifications including BIS, IEC, and UL.

As per ALMM list, Avaada also became the first in India to manufacture 720 Wp TOPCon solar modules, reaffirming its leadership in advanced solar technology.

► Green Fuels



In a remarkable stride toward the "Sand-to-Molecule" ideology, Avaada has achieved a historic milestone in green fuels production. With the successful closure of a monumental \$1.3 billion funding round.

Aligned with India's National Green Hydrogen Mission, Avaada is executing a 0.5 MTPA green ammonia facility in Odisha, which received India's first design-stage certification and state-level grid banking approval. Collaborations with leading Swiss global technology provider M/s Casale S.A. for the ammonia synthesis loop have further strengthened Avaada's position in the green molecule ecosystem. Beyond its economic significance, the project will make a substantial environmental contribution by reducing carbon dioxide emissions at scale.

Building on this momentum, Avaada is actively pursuing additional green ammonia capacities to serve both domestic demand and global markets for green fuels.

► Energy Storage Solutions



As a leading integrated energy group, Avaada is harnessing the potential of Energy Storage Solutions such as Pumped Hydro Storage Projects by committing significant Capacity additions to present round-the-clock energy solutions through renewable energy sources. This is backed by an experienced team specializing in engineering, procurement, and construction (EPC), coupled with extensive experience in establishing some of India's largest renewable energy projects. Avaada pledges to deliver sustainable energy storage solutions with highest standards of safety, reliability, and efficiency.

We are developing ~11 GW of Pumped Storage Projects which are under various stages of development across key Indian states.



BESS: Battery Energy Storage Solutions



As a key player in renewable energy, Avaada is advancing in Battery Energy Storage Systems (BESS). BESS is used to store electricity from renewable sources and other power plants for later use, helping to stabilize power grids, reduce carbon emissions, and improve the reliability of energy supplies.

Avaada has secured a pipeline of ~16 GWh of battery energy storage capacity as part of Firm and Dispatchable Renewable Energy (FDRE) projects for implementation.

We are currently executing a 2.5 GWh, 4-hour backup BESS project led by Avaada's experienced EPC team, which has delivered some of India's largest solar and wind projects. The system will integrate advanced, fully safe, reliable, efficient, AI-driven technology that can be monitored and controlled remotely.

In addition, Avaada plans to establish a 6 GWh BESS manufacturing facility at our flagship Nagpur campus.

Our Strengths



Exponential Growth Draws in Global Equity



Brookfield

PTT Group, via its power generation arm GPSC, became a strategic investor in Avaada by investing \$453 Mn in July 2021. PTT is Thailand's largest conglomerate active across the entire energy value chain. Cumulatively, till date they have invested \$651 Mn.

Brookfield Renewable, through its Brookfield Global Transition Fund (BGTF), had invested \$1 Bn in Avaada Group to power its Green Fuels, Solar PV modules and Renewable Energy businesses. BGTF is Brookfield's inaugural impact fund focusing on investments that accelerate the global transition to a net-zero carbon economy while delivering strong risk-adjusted returns to investors

Sustainability at Avaada

Contribution to All 17 SDGs



Corporate Social Responsibility



Transforming Communities



1 Lakh

*Youth and
Community
engagement*



1,14,315

*Saplings Planted
& Nurtured*



20,000

*Women
Empowered*



2 Lakhs

*Health Services
Accessed*



3 Lakhs

*Education
Access
Enabled*





Accolades

- Best C&I Project (Ground-Mount) Mercom India Awards
- Golden Peacock Environment Management Award 2025
- CII Performance Excellence Award 2025
- Maharashtra Annual Solar Awards 2025 by Solar Quarter
- Project Developer Company of the Year in C&I Open Access Projects for Karnataka (GOLD) - 2025
- CII Performance Excellence Awards for Solar, Wind & Hybrid Plants in 2024
- Most Admired Company in Renewable Energy Sector by ET Infra Focus for 2024
- Tech & Innovation HR Awards for SME HR Practices 2024
- Amazing Workplaces Certified Organization for 2024
- 10th Edition Corporate Social Responsibility Summit & Awards-Best NGO of the Year in Education Sector for 2024
- Golden Peacock Occupational Health & Safety Award 2023
- Solar Developer of the Year – Platinum
- Solar Engineering team of the Year 2022
- Mahatma Award for "Climate Change Category" 2021
- Mahatma Award for "Gender Equality" 2021
- CII-ITC Sustainability Award 2020
- CII-ITC Environment Management Award 2020
- Times Ascent - Best HR Organization to Work For 2018
- ASSOCHAM Green Entrepreneur Award 2018
- ET NOW - Best Green Excellence & Energy Award 2018
- Indian Excellence - Best Solar Energy Company 2018
- RE Finance Awards - Best Project Finance Deal 2017
- Global Green Future Leadership Award for Sustainable 2016
- Excellence in Renewable Energy 2016
- Porter Prize IFC Mint Strategy Award 2015
- ASSOCHAM Global CSR Excellence Award 2012



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