13 NSEFI

NATIONAL SOLAR ENERGY FEDERATION OF INDIA

RE-Imagining Sustainable India

Celebrating



Milestone

YEAR IN REVIEW

2025-26

NSEFI Members

TERAWATT MEMBERS



GIGAWATT MEMBERS



About This Publication

The NSEFI YEAR IN REVIEW 2025–26, the federation's flagship publication, captures a year of innovation, collaboration, and impact across India's renewable energy landscape. As NSEFI celebrates 13 years of championing the nation's clean energy transition, this edition reflects the partnerships, ideas, and milestones that continue to shape a more sustainable and energy-secure future.

More than a record of achievements, this publication is a testament to the collective efforts of Government, industry, academia, and the wider renewable energy ecosystem driving India's energy transition.

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NATIONAL SOLAR ENERGY FEDERATION OF INDIA

NSEFI

RE-Imagining Sustainable India

About NSEFI

NSEFI
RE-Imagining Sustainable India

The National Solar Energy Federation of India (NSEFI) serves as a leading platform for research, policy analysis, and strategic thought leadership, supporting India's transition to a sustainable, future-ready energy economy.

NSEFI undertakes evidence-based research, develops policy recommendations, and facilitates dialogue between Government, industry, academia, financial institutions, and international organisations. Through research reports, white papers, policy briefs, market intelligence, strategic studies, and stakeholder consultations, it contributes to informed decision-making and the development of robust policy frameworks for India's clean energy transition.

Its work spans renewable energy, energy storage, green hydrogen, sustainable mobility, climate finance, industrial decarbonisation, domestic manufacturing, circular economy, and emerging clean energy technologies, enabling long-term strategies that support India's vision of Viksit Bharat 2047 and its Net Zero 2070 commitments.

Introducing NSEFI- For a Sustainable भारत

NSEFI
For A Sustainable भारत

The National Solar Energy Federation of India (NSEFI) is happy to announce a significant evolution in its organizational structure with the launch of its new subsidiary, NSEFI Sustainable Energy Federation of Industry. This strategic move marks NSEFI's transition from a primarily solar-focused industry body to a comprehensive platform addressing India's integrated decarbonization agenda.

The new subsidiary will expand NSEFI's engagement beyond Solar, Energy storage (Short and Long Duration), and Renewable Energy manufacturing to include emerging sectors such as Green Hydrogen and other Green Molecules. It will also take on a broader mandate encompassing Industrial and Mobility decarbonization, thereby positioning NSEFI as a key enabler of India's net-zero ambitions.

Decarbonization in India is driven across four key pillars — Electricity, Agriculture, Industry, and Mobility. Over the past 13 years, NSEFI has played a pivotal role in advancing electricity decarbonization in collaboration with its members. In 2023, the Federation launched the India Agrivoltaics Alliance to promote sustainable decarbonization across the Agri-food value chain. This was followed by the establishment of the NSEFI Green Data Center Coalition, addressing the clean energy needs of India's rapidly expanding digital infrastructure.

With the creation of the NSEFI Sustainable Energy Federation of Industry, the organization will now integrate its ongoing efforts in Electricity and Agriculture with new focus areas in Industrial and Mobility decarbonization, creating a unified platform to accelerate India's transition to a Net Zero Economy.

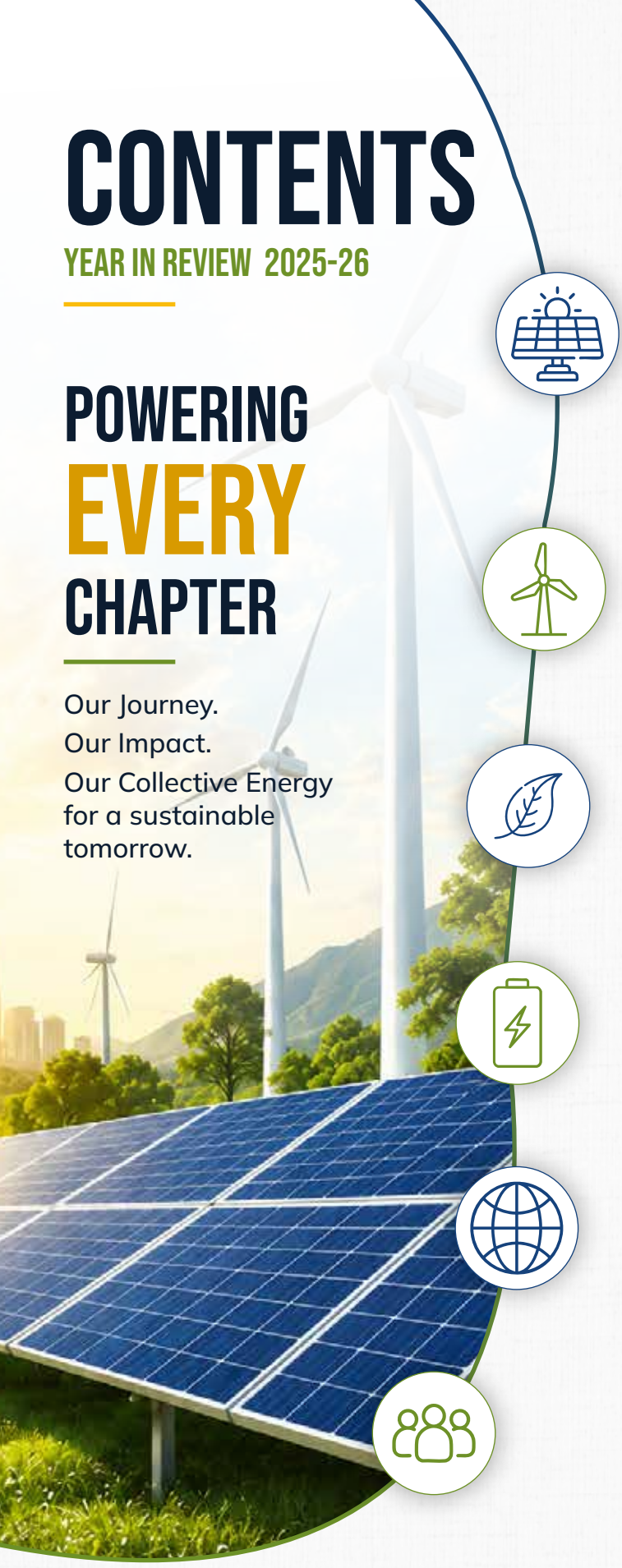
Become a Member

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YEAR IN REVIEW 2025-26

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CLEAN ENERGY SOLUTIONS	SUSTAINABLE GROWTH	STRONGER TOGETHER	INDUSTRY LEADERSHIP	GLOBAL IMPACT
Driving innovation for a brighter future.	Enabling responsible and inclusive growth.	Building a united and collaborative ecosystem.	Shaping policies, standards and the energy transition.	Creating positive change for people and planet.

FOREWORD

India's clean energy transition is no longer a promise; it is a powerful reality in motion. Crossing 150 GW of solar capacity and over 282 GW of total renewable energy, India has firmly established itself as a global force in the energy transition. The pace and scale of this progress signal not just growth, but decisive leadership.

As we advance towards the 500 GW non-fossil fuel target by 2030, the conversation is evolving from energy transition to energy security. In an increasingly uncertain world, a resilient, affordable, and self-reliant energy system has become central to national development and economic competitiveness. Renewable energy, led by solar, is emerging as the foundation of this new paradigm.

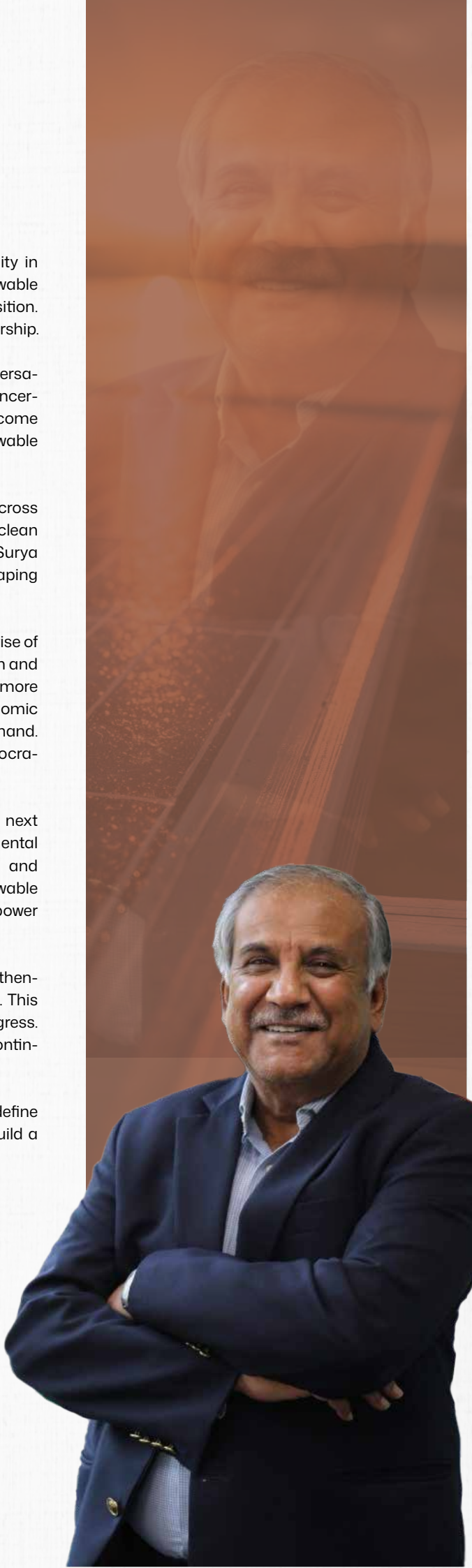
Supported by strong policy momentum and expanding participation across utility-scale, commercial & industrial, and distributed segments, India's clean energy ecosystem continues to gather pace. Flagship initiatives such as PM Surya Ghar: Muft Bijli Yojanaand PM-KUSUM are accelerating adoption and reshaping the country's energy landscape.

Equally significant is the growing role of decentralized renewable energy. The rise of rooftop solar, the promise of agro-voltaics, the potential for feeder solarization and community-centric energy solutions through solar pumping foretell a more inclusive and resilient energy architecture, bringing energy access, economic opportunities, and greater consumer participation closer to the point of demand. This decentralization represents a fundamental shift towards a more democratized and secure energy future.

As renewable energy penetration increases, energy storage will define the next chapter of India's clean energy journey. Storage technologies will be instrumental in enhancing grid flexibility, ensuring round-the-clock renewable power, and enabling deeper integration of variable energy resources. Together, renewable energy and storage will form the backbone of a reliable and future-ready power system.

NSEFI is proud to be driving this momentum, fostering collaboration, strengthening industry dialogue, and enabling the ecosystem to scale with confidence. This YEAR IN REVIEW 2025-26 captures a year of scale, speed, and strategic progress. It is a testament to the collective resolve of our members and partners who continue to power India's clean energy ambitions.

India is not merely participating in the global energy transition; it is helping define it. With clarity of vision and strength of collaboration, we move ahead to build a sustainable, secure, and self-reliant energy future.



Deepak Gupta, IAS (Retd.)

Honorary Director General, NSEFI
Ex-Chairman, UPSC
Ex-Secretary, MNRE

IN PERSPECTIVE

India's renewable energy journey has reached a stage where the focus must shift from capacity creation to system transformation. As installations accelerate, the real test lies in how effectively this growing capacity is integrated, managed, and delivered.

The next phase of the transition will be defined by the strength and flexibility of our power systems. Grid modernisation, transmission expansion, and energy storage are no longer parallel priorities, they are central to sustaining growth. Building an energy system that can reliably absorb both large-scale and distributed renewables will be critical to maintaining momentum.

This is where NSEFI's role becomes pivotal. As a bridge between policy, industry, and implementation, NSEFI is uniquely positioned to enable coordinated action facilitating dialogue, advancing practical solutions, and supporting the evolution of a future-ready energy ecosystem.

India has the opportunity to set new global benchmarks not just in renewable energy deployment, but in how that energy is integrated into a resilient and reliable system. The path ahead demands precision, planning, and partnership.

With the right focus, India can move from scale to strength building an energy future that is not only clean, but also dependable and enduring.

P.C. Garg

Principal Advisor, NSEFI
Ex- COO, CTUIL



The Year in Focus

A snapshot of key milestones, partnerships, and initiatives that shaped our journey towards a sustainable energy future.





3rd National Agro - RE Summit 2025



4th National Agro-RE Summit



City Accelerator Program - Dibrugarh, Assam 2025



State Conclave on Distributed Renewable Energy - Chhattisgarh



City Accelerator Program - Bhopal, Madhya Pradesh



City Accelerator Program - Kanpur, Uttar Pradesh



1st Data Center Summit on Carbon-Free Energy



National Conference on Skill Development for Renewable Energy Workforce



National Roundtable on Solar Manufacturing R&D



11th Pre-Budget Consultation



NSEFI with Hon'ble Union Minister for Power, Housing and Urban Affairs Shri Manohar Lal Khattar



NSEFI with Hon'ble Chief Minister of Andhra Pradesh Nara Chandrababu Naidu



1st Expert Advisory Committee Meeting of the Amaravati Green Hydrogen Valley.



MoU with the National Institute of Solar Energy (NISE)



India Germany CEO Roundtable



Japan–India Solar Cell Manufacturing Workshop & B2B Session



India–Australia Joint Conference on Advancing Manufacturing and the Clean Energy Transition



India–UK Roundtable on Advancing India's Solar Frontier



Launch of EPC Best Practices Guidelines 2.0



NSEFI with Ms. Andrianna Sukova, Deputy Director General



India - Korea Meet



Brandenburg Investor Roundtable

OUR INITIATIVES

SUSTAINABILITY
Building a greener future for people and planet.

INNOVATION
Solving real-world problems through bold ideas.

INCLUSION
Empowering communities through equity and access.

SECURITY
Ensuring a safe, resilient and trusted digital world.

IAA - India Agrivoltaics Alliance

Uniting stakeholders to advance agrivoltaics for food, energy and farmer prosperity.

WISE - Women in Solar Energy

Empowering women leaders and driving inclusion in the solar energy sector.

Ghar ke Upar, Solar is Super

Promoting rooftop solar adoption for a sustainable and energy-independent future.

Khejri Se Kal

An ecological restoration initiative that aims to restore India's arid landscapes by planting and protecting native Khejri trees

NSEFI Green Data Center Coalition

Building green data infrastructure for climate-positive digital transformation.

CH-TAP - Clean Hydrogen Technology Accelerator Platform

Clean Hydrogen Technology Accelerator fostering innovation for a clean hydrogen ecosystem.

Catalyst Connect

Flagship leadership dialogue platform that convenes policymakers, industry leaders, and experts to drive strategic conversations, influence policy, and accelerate India's clean energy transition.

NSEFI Digital & Cybersecurity Council

Strengthening digital resilience and cybersecurity for a secure tomorrow.

NATIONAL SOLAR ENERGY FEDERATION OF INDIA

NSEFI

RE-Imagining Sustainable India

India Agrivoltaics Alliance

The India Agrivoltaics Alliance (IAA) is a multi-stakeholder platform dedicated to advancing agrivoltaics in India by integrating agriculture and solar energy. The initiative promotes research, policy advocacy, knowledge sharing, and innovative business models that enable farmers to generate clean energy while enhancing agricultural productivity and income, supporting a more resilient and sustainable rural economy.












3rd National Agro-RE Summit 2025

3rd National Agro-RE Summit 2025 brought together policymakers, financial institutions, renewable energy developers, researchers, and farmer representatives to accelerate the adoption of renewable energy in India's agricultural sector. Chaired by Shri Shivraj Singh Chouhan, Hon'ble Minister of Agriculture and Farmers' Welfare, the summit underscored the strategic role of clean energy in advancing agricultural growth and rural prosperity. Discussions focused on solar-powered irrigation, agrivoltaics, decentralized energy solutions, and innovative financing models for farmers.















4th National Agro-RE Summit

The 4th National Agro-RE Summit brought together Government representatives, industry leaders, researchers, development partners, and farmers to strengthen India's agri-energy dialogue and connect policy with field realities. The summit also served as a knowledge platform through the launch of six key publications in the presence of Shri Pralhad Joshi and Shri Shripad Yesso Naik, alongside senior Government officials, further reinforcing agrivoltaics as a growing policy priority. The discussions highlighted that while national schemes such as PM-KUSUM provide the framework, State Governments will play a decisive role in scaling renewable energy in agriculture through context-specific policies, stronger interdepartmental coordination, and improved alignment between agricultural and energy priorities. Across sessions on policy, finance, technology, and private sector mobilisation, participants emphasized the need to address financing barriers, simplify procedures, strengthen investment confidence, and develop scalable agrivoltaics models that support both agricultural productivity and energy generation.















Bankers and Investors Conclave on Agrivoltaics 2025

The Bankers' Conclave marked a significant institutional milestone conceptualised and led by IAA–NSEFI as a dedicated platform to mainstream agrivoltaics within India's banking and investment landscape. Structured parallel roundtables examined credit appraisal models, community aggregation pipelines, investor appetite, and long-term capital allocation strategies. Unlike earlier engagements, this conclave moved beyond exploratory dialogue and focused on developing actionable financial pathways for agrivoltaics deployment. The platform featured structured parallel roundtables curated and anchored by NSEFI, TERI, and CSTEP, each leading discussions on banker perspectives, investor-driven market approaches, and community-led deployment frameworks. Sessions examined customised credit appraisal models, aggregation pipelines, blended finance instruments, and long-term capital structuring tailored to agrivoltaics. This edition culminated in the development of a White Paper on Financing Instruments and Bankability, positioning agrivoltaics as an emerging bankable asset class requiring dedicated financial frameworks.







Telangana State Consultation Workshop on Agrivoltaics

The Telangana State Consultation Workshop was convened to evaluate agrivoltaics within the State's agricultural and renewable energy landscape. The event outlined Telangana's agrivoltaics potential and the objectives of the State Task Force convened under IAA. Stakeholders deliberated on whether Telangana should adopt a dedicated agrivoltaics policy or issue enabling guidelines within existing frameworks. The session generated structured recommendations to refine policy suggestions and strengthen State-level implementation readiness. The workshop concluded with consolidation of inputs to support the development of a Telangana-specific agrivoltaics roadmap.









Andhra Pradesh State Consultation Workshop on Agrivoltaics

The Andhra Pradesh Consultation was forward-looking, focused on enabling the implementation of PM-KUSUM Component A in a State with high solar potential convened under NSEFI leadership along with NREDCAP and Shakti Foundation. The Andhra Pradesh State Consultation Workshop marked the formal initiation of Agrivoltaics dialogue within the State's renewable and agricultural framework. The workshop opened with a structured context-setting presentation outlining the potential of agrivoltaics under Integrated Clean Energy Policy of AP & PM-KUSUM Component A and its relevance for Andhra Pradesh's agro-climatic diversity and solar potential.









Andhra Pradesh Clean Energy Expo 2025

At the Andhra Pradesh Clean Energy Expo 2025 in Visakhapatnam, the report “Potential of Agrivoltaics in Andhra Pradesh: Blueprint for Conducive Regulatory Framework and Off-taker Analysis” was launched by Sribharat Mathukumilli. The report presents a comprehensive assessment of the State's agrivoltaic potential, focusing on regulatory pathways, market opportunities, and off-taker demand. It outlines key policy recommendations to enable large-scale deployment while maximizing benefits for farmers and developers. The launch marked an important step toward fostering an enabling ecosystem for agrivoltaics and accelerating the convergence of clean energy and agriculture in Andhra Pradesh.







Madhya Pradesh State Consultation Workshop on Agrivoltaics

The Madhya Pradesh State Consultation Workshop, led by NSEFI–IAA with support from the Shakti Sustainable Energy Foundation, brought together policymakers, developers, researchers, and sector experts to advance agrivoltaics in the State. Building on pilot projects in Tikamgarh and Sagar, the workshop highlighted the potential of agrivoltaics under PM-KUSUM Component A. Discussions focused on implementation pathways, policy support, financing mechanisms, and farmer participation. Developer presentations provided insights into land aggregation, technology deployment, and operational considerations. The workshop reinforced agrivoltaics as a scalable solution for enhancing farmer incomes while accelerating clean energy adoption in rural India.







NITI- IAA Joint Stakeholder Consultation

The NITI–IAA Joint Stakeholder Consultation brought together policymakers, industry representatives, researchers, and development partners to advance the agrivoltaics agenda in India. The consultation focused on the Technical Report, “Assessment of the Potential of Agrivoltaics and its Advantages to Farmers,” aimed at evaluating deployment experiences across States. Discussions examined key implementation challenges, emerging best practices, and policy enablers necessary for scaling agrivoltaics. Stakeholders contributed insights on technology, land-use optimization, farmer benefits, and regulatory frameworks. The consultation laid the foundation for a structured, data-driven roadmap to support the integration of agrivoltaics into future national and State-level policies.



Mainstreaming Agrivoltaics in Gujarat

The Gujarat stakeholder engagement focused on integrating agrivoltaics within the State's well-established renewable energy ecosystem. Discussions brought together key stakeholders to examine DISCOM coordination, land-use compatibility, and opportunities to align clean energy generation with agricultural productivity. Particular emphasis was placed on developing frameworks that support dual land use while ensuring benefits for farmers and developers alike. The engagement highlighted agrivoltaics as a strategic complement to Gujarat's expanding solar sector, reinforcing its potential to contribute to both energy transition and sustainable agricultural development.

Site Visits





Site visit of Adarsh solar farm, Sagar, Madhya Pradesh

The NSEFI - IAA team visited a 16-acre, 4 MW agrivoltaics site in Sagar, Madhya Pradesh, owned by Shri Anand Jain and developed by Khare Energy Private Limited under PM-KUSUM Component A. The visit focused on understanding site-level challenges related to grid connectivity, transmission infrastructure, and the integration of agriculture with solar generation, while also exploring on-site innovations and discussing future policy and regulatory needs for scaling agrivoltaics.







Sunmaster agrivoltaics site visit with students

NSEFI - IAA organized an educational site visit for school students to the Sunmaster Agrivoltaics installation in Najafgarh, offering firsthand exposure to the integration of solar energy generation with agricultural cultivation. Students observed how elevated solar structures enable the simultaneous use of land for both farming and clean energy production. The visit introduced young learners to the concept of agrivoltaics and its potential to support sustainable agriculture and renewable energy goals.

State Representation





SunKranti APV Summit 2025, Odisha

The India Agrivoltaics Alliance participated in SunKranti 2025, Odisha's first State-level agrivoltaics summit, held in Bhubaneswar. Organized by Passing Gifts, Heifer International, and ICRIER, the summit brought together policymakers, industry leaders, researchers, and development organizations to explore the potential of agrivoltaics in Odisha. Discussions focused on policy frameworks, technology adoption, farmer engagement, and pathways for scaling dual land-use models. The event marked an important step in advancing agrivoltaics as a solution for enhancing agricultural productivity while accelerating clean energy deployment in the State.



Agrivoltaics: Stakeholder Discussion cum Training of Trainers

The India Agrivoltaics Alliance participated in the Agrivoltaics Stakeholder Discussion cum Training of Trainers organized by TERI School of Advanced Studies in collaboration with GIZ India in New Delhi. The programme brought together experts, researchers, practitioners, and policymakers to discuss the opportunities and challenges associated with agrivoltaic deployment in India. The sessions focused on knowledge sharing, capacity building, and the dissemination of best practices to support wider adoption of agrivoltaics. The engagement reinforced the importance of stakeholder collaboration and skill development in advancing sustainable, dual land-use solutions across the agricultural sector.





Renewable Energy India Expo 2025

At the Renewable Energy India Expo 2025, the IAA highlighted the growing convergence of agrivoltaics and emerging clean energy technologies. Speaking during the session "Harvesting Crops and Molecules – Green Hydrogen Production with Agrivoltaics," Ms. Shubhashree Chakraborty, Associate Director, emphasized the transformative potential of dual land-use systems in supporting food production, clean energy generation, and rural livelihoods. The discussion explored how the integration of agrivoltaics with green hydrogen could unlock new opportunities for sustainable rural development and contribute to building a more circular and resilient clean energy economy.





Samunnati FPO Conclave 2025, Hyderabad

The India Agrivoltaics Alliance participated in the Samunnati FPO Conclave 2025 in Hyderabad, engaging directly with Farmer Producer Organisations (FPOs), farmers, and sector stakeholders through an interactive exhibition booth. The platform enabled discussions on the role of agrivoltaics in enhancing farm incomes, optimizing land use, and promoting sustainable agricultural practices.



Agrivoltaics Workshop: Understanding Feasibility & Adoption for Smallholder Farmers

At the Agrivoltaics Workshop: Understanding Feasibility & Adoption for Smallholder Farmers, organised by S. P. Jain Institute of Management and Research in collaboration with EarthON Foundation, SwitchON Foundation, and DoCC, the India Agrivoltaics Alliance played a key role in extending agrivoltaics dialogue directly to Farmer Producer Organisations (FPOs) and smallholder farmer collectives. By engaging farmers from Maharashtra and Madhya Pradesh, the session shifted the focus from large-scale deployment toward inclusive rural adoption, highlighting growing grassroots interest in small-scale agrivoltaics, particularly around financing, local energy access, and farm resilience.





Leveraging Synergies to Achieve Climate-Resilient and Carbon-Neutral Food Systems: Policy Dialogue by Tata Cornell Institute

The India Agrivoltaics Alliance participated in the policy dialogue convened by the Tata-Cornell Institute in New Delhi, contributing perspectives on the role of agrivoltaics in building climate-resilient food systems. The discussion brought together policymakers, researchers, and sector practitioners to explore pathways for sustainable agriculture and emissions reduction. IAA highlighted the importance of integrating clean energy solutions with agricultural systems and engaged with leading institutions to foster cross-sector collaboration.







Chhattisgarh Renewable Energy Acceleration Dialogue

The Chhattisgarh Renewable Energy Acceleration Dialogue, convened by iFOREST in Raipur, brought together Government agencies, utilities, industry representatives, financial institutions, and technical experts to advance the State's clean energy transition. The India Agrivoltaics Alliance contributed to discussions on agrivoltaics, highlighting its potential as a decentralized solution that can enhance farmer incomes, optimize land use, and support rural energy needs. The dialogue explored pathways for scaling Agri-PV through enabling policies and effective implementation frameworks. The engagement reinforced the role of agrivoltaics within Chhattisgarh's broader renewable energy strategy alongside technologies such as floating solar, pumped storage, and rooftop solar.







Agri Skills Conclave 2026

At Agri Skills Conclave 2026, under Session- Climate Resilient Skilling to Green Growth – Skills for Renewable, CSR & ESG-Driven Agriculture, the India Agrivoltaics Alliance contributed to the discussion by bringing agrivoltaics into the broader conversation on climate-smart agricultural transformation. IAA's role focused on highlighting how renewable energy integration in agriculture can complement skill development, strengthen rural resilience, and support greener farming systems. The session, which brought together experts from United Nations Development Programme and GIZ India, emphasized practical pathways for linking clean energy, sustainability-driven initiatives, and capacity-building to advance long-term climate-responsive agriculture.



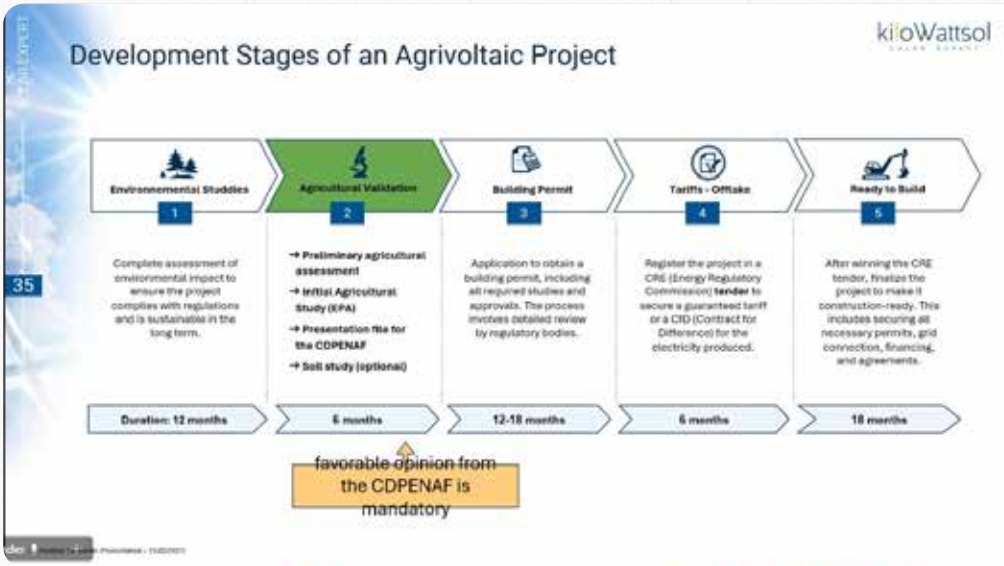


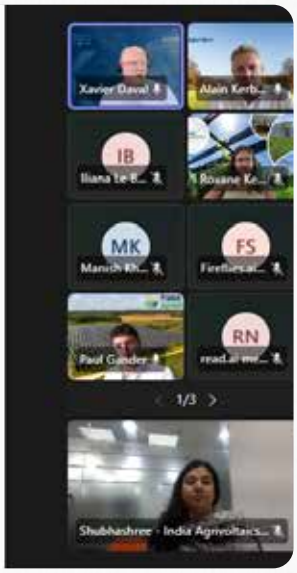


Intersolar Gandhinagar 2026

At Intersolar Gandhinagar – Energy Ka Mahakumbh: Unfolding in Gujarat, the India Agrivoltaics Alliance participated in the session “Agrivoltaics & Floating Solar: Dual-Use Solutions for Land and Water Optimization.” The discussion focused on the growing role of dual-use solar models in enabling resource-efficient renewable energy deployment. IAA highlighted the potential of agrivoltaics to optimize land use, enhance agricultural productivity, and complement water management strategies alongside floating solar technologies. The engagement reinforced the importance of integrated solutions in supporting India's sustainable and resilient energy transition.

Global Representation









India Agrivoltaics Alliance and France Agrivoltaïsme Webinar

The India Agrivoltaics Alliance and France Agrivoltaïsme convened a virtual webinar to foster international collaboration and knowledge exchange on agrivoltaics. Bringing together industry experts, developers, and stakeholders from both countries, the session explored policy frameworks, technological innovations, financing approaches, and implementation experiences. Discussions highlighted lessons from ongoing projects, including India's PM-KUSUM programme and France's evolving agrivoltaics ecosystem. The webinar provided a valuable platform for sharing best practices and identifying opportunities to accelerate the adoption of scalable agrivoltaics models that support both clean energy generation and agricultural productivity.



Strengthening Regional Collaboration: Bangladesh's Agrivoltaics Pilot Launch

The India Agrivoltaics Alliance participated in the launch of Bangladesh's first scientifically designed agrivoltaics pilot project and the National Working Group on Agrivoltaics, marking a significant milestone in the country's clean energy transition. The initiative aims to evaluate technical configurations, crop suitability, shading impacts, business models, and economic viability under local conditions while ensuring the protection of agricultural livelihoods. Representing IAA, the delegation shared India's multi-stakeholder implementation experience and highlighted the importance of coordinated policy frameworks, investment readiness, and capacity building. The engagement underscored the growing regional momentum around agrivoltaics and strengthened cross-border collaboration in advancing sustainable energy and agricultural systems.

WISE (Women in Solar Energy)

WISE (Women in Solar Energy) is an initiative aimed at increasing the participation and leadership of women across the renewable energy sector. Through capacity building, networking, mentorship, skilling opportunities, and policy engagement, WISE works to create a more inclusive ecosystem and empower women professionals and entrepreneurs in India's clean energy transition.

2nd Women in Energy Summit 2025; Catalysing a Just Energy Transition

Designed as a high-level, solutions-oriented roundtable, the 2nd Women in Energy convened senior policymakers, CHROs, industry leaders, financiers, skilling institutions, DRE practitioners, incubators, and women entrepreneurs to collaboratively identify actionable strategies for advancing a just and inclusive energy transition. This Summit enabled stakeholders to collectively shape four priority domains critical to advancing women's participation across the clean energy value chain. The first focus area, Label Consultation with HR Leaders, aimed at refining sector-wide inclusivity and safety benchmarks for the Best Place to Work for Women in RE label, including criteria, audit tools and pilot implementation pathways. The second theme, Women's Skill Development, addressed existing technical, vocational and leadership gaps while laying the foundation for the Women in Energy Fellowship, designed to prepare women for STEM, field and operational roles. Parallelly, the conversation on Women in Entrepreneurship examined persistent financing, incubation and market-access constraints faced by women-led clean-tech start-ups and identified mechanisms to support their scale-up. The fourth domain, Women's Development in DRE, highlighted leadership, enterprise and training opportunities for women in decentralised renewable energy, strengthening last-mile impact and community resilience. By bringing together the renewable energy sector's leading decision-makers, the Summit sought to translate intent into action. The discussions culminated in a shared roadmap of time-bound commitments and practical frameworks designed to strengthen workplace safety, expand opportunities, and advance women's leadership across India's rapidly growing renewable energy sector.









3rd National Women in Energy Summit; Celebrating Women Powering India's Renewable Future

On the occasion of International Women's Day 2026, WISE, an initiative under NSEFI, organised the 3rd National Women in Energy Summit. The Summit celebrated women who have not only excelled individually but who have also redefined workplace norms, championed gender-inclusive structures, and paved the way for others to follow. The Summit stands as a reaffirmation of the commitment to ensuring that India's clean energy transition is not only economically and environmentally sustainable, but also socially just, gender-responsive, and future-ready.











Solar IPL: Powering Women in Solar

Under the aegis of WISE, Solar IPL was launched at RE Expo 2025. The initiative witnessed enthusiastic and large-scale participation by women in the on-ground installation of solar equipment. The winning women's EPC team was felicitated by the NSEFI CEO, reinforcing WISE's commitment to empowering women and encouraging greater participation in the renewable energy sector.









Ghar ke Upar, Solar is Super

Ghar Ke Upar, Solar is Super

Solar Rooftop Awareness Campaign

29
CITIES.
ONE MISSION.
MILLIONS REACHED.

June 2022 - March 2025
Solar Rath Campaign
Rooftop Solar Awareness Initiative


Srinagar


Jammu


Hamirpur




Jaipur


Noida


Patna


Greater Noida


Lucknow


Baroda


Ayodhya


Amritsar


Mehsana


Varanasi


Kanpur


Guwahati


Dwarka


Bhubaneshwar


Cuttack


Bhopal


Nagpur


Dehradun


Amaravati


Bidar


Panjim


Surat


Delhi


Trivandrum


Ghaziabad


Hyderabad

CREATING LASTING IMPACT

GRASSROOTS ENGAGEMENT	PROMOTING ROOFTOP SOLAR	SUPPORTING CLEAN ENERGY GOALS	PARTNERSHIPS FOR IMPACT
Building trust and awareness at the community level	Encouraging households to adopt clean and affordable energy	Advancing India's Transition to a resilient and sustainable future	Collaborating with Government, industry and civil society

"From Jammu to Trivandrum, our Solar Rath has travelled across India, sparking conversations, changing perceptions and inspiring a solar-powered future.

Ghar Ke Upar, Solar is Super.

A movement. A commitment. A better tomorrow.

Maharashtra











City Accelerator Program for Rooftop Solar Adoption under PM Surya Ghar: Muft Bijli Yojana- Chhatrapati Sambhajinagar, Maharashtra

The Solar Surya Rath was flagged off in Chhatrapati Sambhajinagar, Maharashtra, under the Ministry of New and Renewable Energy's (MNRE) City Accelerator Program (CAP), marking a significant step in promoting rooftop solar adoption. Following a symbolic Vriksharopan (tree plantation) ceremony, the Rath began its city-wide outreach to raise awareness about the PM Surya Ghar: Muft Bijli Yojana, facilitate on-the-spot registrations, and encourage citizens to embrace clean, affordable solar energy.






City Accelerator Program for Rooftop Solar Adoption under PM Surya Ghar: Muft Bijli Yojana – Nasik, Maharashtra

As part of the Ministry of New and Renewable Energy's (MNRE) City Accelerator Program (CAP), NSEFI flagged off the Solar Surya Rath in Nashik, Maharashtra. Inaugurated by senior officials from MSEDCL, the initiative was launched to drive grassroots awareness of rooftop solar adoption under the PM Surya Ghar: Muft Bijli Yojana. Through community outreach, door-to-door engagement, and on-the-spot portal registrations, the campaign aims to educate citizens about the benefits of rooftop solar and support India's vision of installing solar systems in one crore households.

Assam








City Accelerator Program for Rooftop Solar Adoption under PM Surya Ghar: Muft Bijli Yojana – Dibrugarh, Assam

The City Accelerator Program was launched in Dibrugarh under the PM Surya Ghar: Muft Bijli Yojana to promote rooftop solar adoption. Organized by National Solar Energy Federation of India and partner organizations, the initiative focuses on citizen awareness, outreach campaigns, and implementation support to improve rooftop solar accessibility and encourage household participation in clean energy adoption.

Madhya Pradesh











City Accelerator Program for Rooftop Solar Adoption under PM Surya Ghar: Muft Bijli Yojana – Bhopal, Madhya Pradesh

The City Accelerator Program (CAP) was launched in **Bhopal,** Madhya Pradesh, as part of the Ministry of New and Renewable Energy's initiative to accelerate the adoption of residential rooftop solar systems under the PM Surya Ghar: Muft Bijli Yojana. The initiative was formally inaugurated by Hon'ble Shri Rakesh Shukla, Minister for New and Renewable Energy, Government of Madhya Pradesh, in the presence of senior State officials and sector stakeholders. The program was jointly organised by the National Solar Energy Federation of India (NSEFI) in collaboration with Shakti Sustainable Energy Foundation, Idam Infrastructure Advisory Pvt. Ltd., and the Government of Madhya Pradesh, with active support from State implementing agencies. The initiative aims to strengthen the deployment ecosystem for rooftop solar through targeted outreach, stakeholder engagement, and facilitation of citizen participation in the national rooftop solar program. A central component of the initiative was the flag-off of the Solar Surya Rath awareness campaign, designed to undertake city-wide outreach and public engagement activities. The campaign seeks to promote awareness about the benefits of rooftop solar adoption and facilitate on-ground assistance for consumer registrations on the PM Surya Ghar portal.











City Accelerator Program for Rooftop Solar Adoption under PM Surya Ghar: Muft Bijli Yojana – Indore, Madhya Pradesh

NSEFI proudly flagged off the Solar Surya Rath in **Indore,** Madhya Pradesh. The initiative, under the Ministry of New and Renewable Energy's (MNRE) City Accelerator Program, was inaugurated in Indore in the esteemed presence of Hon'ble Mayor Shri Pushyamitra Bhargav and Additional Commissioner Shri Navjeevan Pawar.

The campaign is actively accelerating rooftop solar adoption across the city under the PM Surya Ghar: Muft Bijli Yojana, through extensive awareness drives, seamless registration support, and active citizen engagement.



City Accelerator Program for Rooftop Solar Adoption under PM Surya Ghar: Muft Bijli Yojana – Jabalpur, Madhya Pradesh

NSEFI flagged off the Solar Surya Rath in **Jabalpur**, Madhya Pradesh. Following the successful rollouts in Bhopal and Indore, this important initiative under the Ministry of New and Renewable Energy's (MNRE) City Accelerator Program was formally inaugurated in Jabalpur in the distinguished presence of Hon'ble Mayor Shri Jagat Bahadur Singh.

The campaign steadily accelerated rooftop solar adoption across the city under the PM Surya Ghar: Muft Bijli Yojana, by creating widespread awareness, simplifying registrations, and fostering greater citizen participation.



City Accelerator Program for Rooftop Solar Adoption under PM Surya Ghar: Muft Bijli Yojana – Satna, Madhya Pradesh

NSEFI expanded its on-ground outreach under the national rooftop solar mission by the successful flag-off of the Solar Surya Rath in **Satna**. Building on the strong momentum from previous activations in Bhopal, Indore, and Jabalpur, the initiative under the Ministry of New and Renewable Energy's (MNRE) City Accelerator Program was formally inaugurated in Satna in the esteemed presence of Hon'ble Mayor Shri Yogesh Tamrakar Ji.

The Solar Surya Rath campaign adopted a targeted last-mile engagement approach aimed at raising citizen awareness about the benefits of rooftop solar, enabling on-the-spot registrations and facilitating convergence among key stakeholders at the city level. Fully aligned with the PM Surya Ghar: Muft Bijli Yojana, the campaign played a vital role in promoting decentralized solar energy adoption and enhancing urban participation in India's clean energy transition. Through sustained multi-city deployments, NSEFI strengthened a scalable, citizen-centric model that effectively bridged national policy objectives with ground-level implementation, accelerating rooftop solar uptake across urban India.

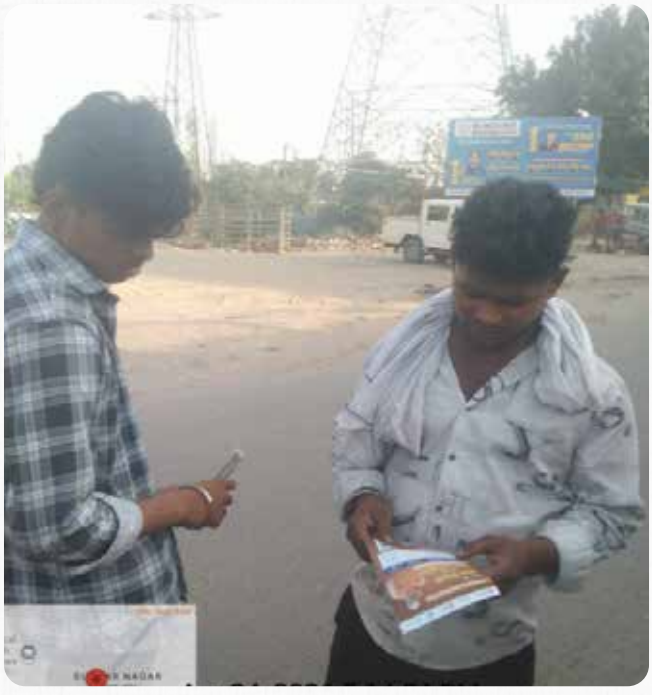
Uttar Pradesh













City Accelerator Program for Rooftop Solar Adoption under PM Surya Ghar: Muft Bijli Yojana – Kanpur, Uttar Pradesh

NSEFI successfully organized the City Accelerator Program in **Kanpur.** The event was graced by the esteemed presence of Hon'ble Neelima Katiyar Ji, MLA, Kalyanpur (Kanpur Nagar) as the Chief Guest, and Ms. Diksha Jain (IAS), Chief Development Officer, Kanpur Nagar, as the Special Guest.

During the program, the Solar Surya Rath was officially flagged off. The vehicle was set to travel across various parts of the city to educate and motivate citizens to adopt rooftop solar systems. The campaign achieved widespread public participation through door-to-door outreach, school engagement programs, local community activities, and digital awareness drives.

State Outreach









Investment Dialogue on Floating Solar & Pumped Storage Projects under Odisha's Clean Energy Vision

NSEFI, in close collaboration with GRIDCO LIMITED and supported by GGGI India , organised an Investment Dialogue on Floating Solar and Pumped Storage Projects under Odisha's Clean Energy Vision. The inaugural session featured Shri Subrahmanyam Pulipaka (CEO, NSEFI), Shri Soumya Garnaik (India country Representative, GGGI) Shri Deepak Gupta IAS (Retd) (DG NSEFI Former MNRE Secretary), Ms. Surbhi Goyal (The World Bank), Dr. Jai Prakash Singh (Dy. DG, National Institute of Solar Energy (NISE)), Shri L. K. Tripathi (NHPC Limited) and Dr. Satya Priya Rath (MD, GRIDCO) and highlighted Odisha's transition from a long-standing powerhouse of conventional energy to an emerging powerhouse of renewable energy. With growing momentum in floating solar and pumped storage, Odisha is increasingly being seen as a benchmark for scalable and system-ready clean energy deployment. It was noted that NSEFI has ranked Odisha among the top three performing States in renewable energy, reflecting strong institutional capacity and utility-led planning. The upcoming Floating Solar Policy was highlighted as a key enabler to strengthen investor confidence and accelerate reservoir-based solar development. The session set the tone for the dialogue ahead focused on moving from intent to implementation, and from potential to projects. This dialogue marks an important step towards strengthening Odisha's renewable energy ecosystem. We thank all stakeholders for their valuable participation and continued commitment to India's clean energy journey.






Punjab State Kick-off Workshop on PM Surya Ghar & PM-KUSUM

The Punjab State Kick-off Workshop on PM Surya Ghar: Muft Bijli Yojana and PM-KUSUM was organised by NSEFI in Zirakpur, Punjab, to facilitate stakeholder engagement and accelerate the implementation of decentralised solar programmes in the State. The workshop brought together representatives from the Solar vendors, academic institutions, financial institutions and industry stakeholders to deliberate on key implementation challenges. Discussions focused on improving residential rooftop solar adoption, streamlining net-metering and subsidy disbursement processes, and addressing issues related to solar pump deployment under PM-KUSUM & Rooftop installations under PM Suryaghar Muft Bijli Yojana. The event provided a platform for addressing implementation challenges and identifying pathways to scale solar adoption across residential and agricultural sectors.






Maharashtra State Workshop on PM-KUSUM & PM Surya Ghar

The Maharashtra State Workshop on PM-KUSUM and PM Surya Ghar: Muft Bijli Yojana was organised by NSEFI in Pune to facilitate stakeholder engagement and improve programme implementation. The workshop brought together vendors, industry representatives, and implementing agencies to discuss operational challenges and opportunities under both flagship schemes. Deliberations focused on streamlining approvals, strengthening vendor participation, enhancing consumer awareness, and improving access to solar energy solutions. The event also highlighted the potential of agrivoltaics and underscored the importance of collaborative action to accelerate the adoption of decentralised renewable energy in Maharashtra.













State Conclave on Distributed Renewable Energy: Advancing Rooftop Solar and Agricultural Solarization in Chhattisgarh

सौर ऊर्जा जागरूकता अभियान एवं प्रोत्साहन समारोह

The Solar Energy Awareness Campaign and Incentive Ceremony, held on 8 September 2025 in Raipur, promoted distributed solar adoption under the PM Surya Ghar: Muft Bijli Yojana and PM-KUSUM Scheme. The event focused on raising awareness among citizens and farmers about rooftop solar systems and solar-powered agricultural infrastructure. Key activities included distribution of State subsidies for residential rooftop solar, issuance of Letters of Award under PM-KUSUM Components A and C, launch of a study report and farmer booklet, and flag-off of the “Surya Rath” awareness vehicle. The program strengthened collaboration among Government bodies, DISCOMs, industry stakeholders, and beneficiaries.

Green Data Center Coalition

About the Green Data Center Coalition

The Green Data Center Coalition (GDCC) is a dedicated platform launched by the National Solar Energy Federation of India (NSEFI) to accelerate the decarbonization of India's rapidly expanding data center sector. It brings together renewable energy developers, data center operators, technology providers, and policymakers to enable carbon-free, energy-efficient, and future-ready digital infrastructure, while strengthening industry–Government collaboration, facilitating renewable energy integration, and addressing policy and market barriers to support sustainable data center growth.













1st Data Center Summit on Carbon-Free Energy

Organized by NSEFI and powered by AWS, the Summit brought together senior officials from MNRE, the Central Electricity Authority (CEA), NISE, and industry leaders to deliberate on 24×7 renewable power procurement, storage-backed models, regulatory stability, and green building standards. The Coalition's logo and website were formally launched, and a Letter of Intent was exchanged with The Energy and Resources Institute (TERI) to support research and energy-efficiency initiatives.











National Dialogue on Data center Infrastructure Building the Backbone of India's AI Future:

Organized by NSEFI and powered by AWS, this high-level dialogue, held as a precursor to the India AI Impact Summit 2026, brought together senior Government and industry leaders to address key networking, regulatory, and infrastructure challenges shaping India's AI-driven data center growth. The discussions focused on networking infrastructure, Right of Way (RoW) reforms, licensing frameworks, and ease of doing business for data centers, generating actionable recommendations on fiber classification, captive network licensing, single-window clearances, expanding infrastructure to Tier 2 and Tier 3 cities, and strengthening transmission, open access, and renewable integration frameworks to support resilient, AI-ready digital growth.

















2nd Artificial Intelligence in Renewable Energy Summit

Organized by NSEFI, the 2nd Artificial Intelligence in Renewable Energy Summit, an official pre-summit event to the India AI Impact Summit 2026, brought together senior Government officials, regulators, industry leaders, and technology experts to advance the integration of AI within India's renewable energy ecosystem. The Summit featured high-level participation from the Ministry of New and Renewable Energy and the Central Electricity Authority, along with focused discussions on AI-enabled grid intelligence, renewable energy planning and operations, and powering AI infrastructure through green data centers, reinforcing the role of digital innovation in accelerating sustainable energy and data center growth in India.

Catalyst Connect

Catalyst Connect is a flagship thought leadership and policy dialogue initiative by the National Solar Energy Federation of India (NSEFI). It is designed as a series of high-level, invitation-only roundtable discussions that bring together policymakers, regulators, industry leaders, developers, investors, DISCOMs, transmission utilities, researchers, and other key stakeholders to address India's most pressing renewable energy challenges.











Catalyst Connect Dialogue 2: Transforming Transmission for Transition

NSEFI successfully hosted the second edition of the Catalyst Connect Dialogue, themed "Transforming Transmission for Transition," powered by Engie under the chairmanship of Principal Advisor Shri P. C. Garg. The high-level roundtable convened senior Government officials, industry leaders, and sector experts to address critical transmission challenges facing India's clean energy expansion. Discussions focused on strengthening grid infrastructure, enhancing planning and coordination, and removing bottlenecks that could impede renewable energy deployment. The dialogue fostered actionable recommendations aimed at improving transmission readiness and enabling seamless integration of renewable power. The event underscored the importance of a robust and future-ready transmission network in supporting India's ambition of achieving 500 GW of non-fossil fuel capacity by 2030.











Catalyst Connect Dialogue 3: Virtual Power Purchase Agreements

NSEFI successfully hosted the third edition of Catalyst Connect, a high-level closed-door dialogue powered by ENGIE India, focused on "Virtual Power Purchase Agreements: Accelerating India's Industrial Renewable Energy Procurement." The discussion brought together key stakeholders from industry and the renewable energy ecosystem to explore innovative approaches to corporate clean energy procurement. Deliberations highlighted the potential of Virtual Power Purchase Agreements (VPPAs) in expanding access to renewable energy and supporting decarbonization efforts across industries. The dialogue provided a platform for exchanging insights on regulatory frameworks, market opportunities, and implementation pathways. Through this initiative, NSEFI reaffirmed its commitment to advancing demand-led clean energy solutions and supporting India's low-carbon transition.

NSEFI
RE-Imagining Sustainable India

The RSA
Rajasthan Solar Association

A flagship initiative by the
Rajasthan Solar Association (RSA)
in collaboration with the
National Solar Energy Federation of India (NSEFI)

KHEJRI se KAL

Restoring Rajasthan's Green Legacy Alongside the Clean Energy Transition

GROW PROTECT SUSTAIN

ABOUT THE INITIATIVE

Khejri Se Kal is a flagship environmental initiative launched during the 4th National Agro RE Summit, reflecting a shared commi ment to ensure that clean energy development progresses in harmony with nature and local communities.

At the heart of the campaign is the **preservation and plantation** of the **Khejri tree (Prosopis cineraria)**-Rajasthan's State tree and a symbol of resilience, biodiversity, and sustainable livelihoods.

Through large-scale plantation drives, awareness campaigns, and the promotion of sustainable agro-renewable energy models, Khejri Se Kal seeks to strengthen the connection between **enviro mental stewardship and energy transition.**

INAUGURAL MOMENTS



OUR FOUR PILLARS OF IMPACT

ROOTED IN RAJASTHAN
Preserving the Khejri tree- a symbol of our land's heritage, resilience and ecological balance.

GREENER ENERGY, STRONGER FUTURE
Integrating native afforestation with renewable energy projects for climate-resilient agriculture, biodiversity conservation and sustainable rural development.

PEOPLE, PARTNERSHIPS, PROGRESS
Encouraging community participation and fostering partnerships across industry and society for a collective green impact.

A LEGACY FOR GENERATIONS
Building a future where renewable energy infrastructure coexists with thriving ecosystems and prosperous communities.



More than a plantation campaign,

Khejri Se Kal

represents a vision for a greener and more resilient Rajasthan-one where ecological preservation and clean energy advancement go hand in hand, ensuring a sustainable legacy for generations to come.

NSEFI
RE-Imagining Sustainable India

Smarter Membership.
Simpler Access.



Everything you need, all in one ecosystem.

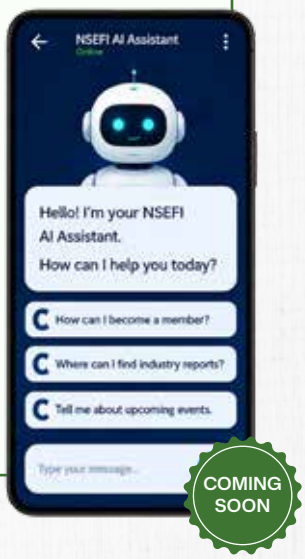
NSEFI's digital tools are designed to help members stay informed, connected, and supported. Access exclusive resources through the Member Portal and get ready for a new level of convenience with our AI-powered chatbot.

MEMBER PORTAL

- Exclusive member resources and industry reports
- Event updates and networking opportunities
- Policy insights and key sector developments
- Centralized access to member benefits

AI CHATBOT (COMING SOON)

- Instant answers to your queries
- Easy navigation across NSEFI resources
- 24×7 support and information access
- Faster, smarter member experience



ONE MEMBERSHIP. UNLIMITED ACCESS.

EXPERIENCE THE FUTURE OF MEMBERSHIP

Secure Access | Stronger Connections | Timely Insights | Maximize Value

International Relations









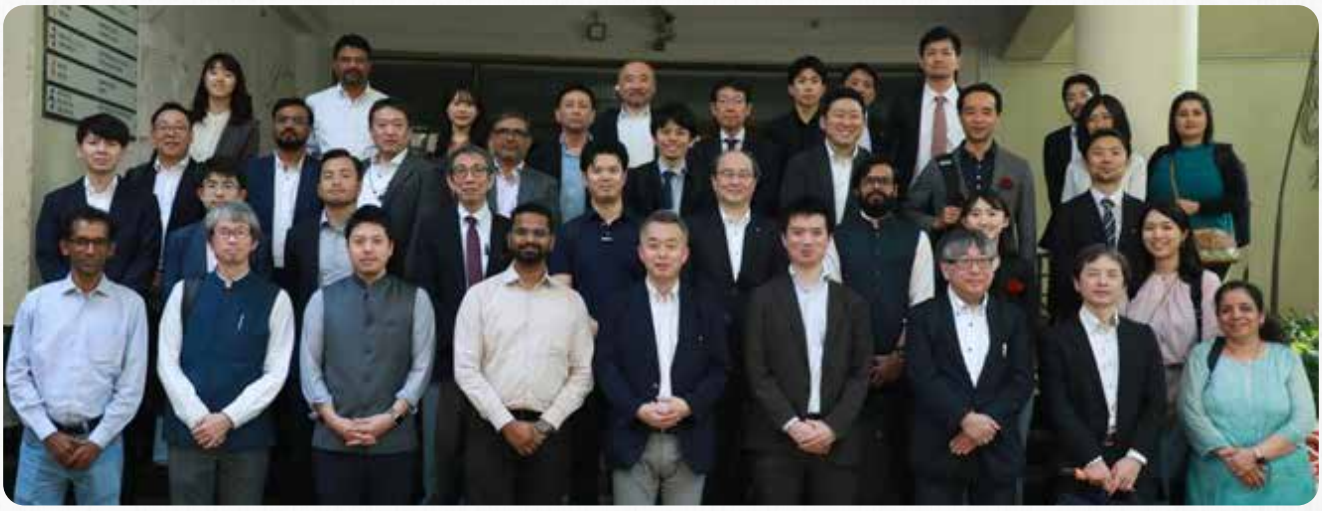
India Germany CEO Roundtable

The India–Germany CEO Roundtable, hosted by NSEFI in collaboration with BSW and GIZ India, brought together leading Indian and German solar and equipment manufacturers for a high-level closed-door dialogue. Chaired by H.E. Johann Saathoff, State Secretary for Economic Development, and Shri Abhay Bakre, Mission Director, MNRE, the discussions focused on strengthening resilient supply chains, deepening industrial collaboration, and accelerating the clean energy transition through strategic partnerships. The roundtable also served as a platform for promoting technology exchange and identifying investment opportunities, reinforcing the shared commitment of both countries to sustainable growth and long-term industrial cooperation.









Japan–India Solar Cell Manufacturing Workshop & B2B Session

NSEFI, in collaboration with the Japan External Trade Organisation (JETRO) and Japan's Ministry of Economy, Trade and Industry (METI), co-organized the Japan–India Solar Cell Manufacturing Workshop and B2B Session in Mumbai. The event brought together Government representatives, industry leaders, financial institutions, and technology providers to strengthen bilateral cooperation in solar manufacturing. Through focused discussions and business interactions, the platform facilitated technology exchange, investment collaboration, and the development of resilient solar supply chains. The initiative reaffirmed NSEFI's commitment to fostering international partnerships and advancing high-quality solar manufacturing to support a secure and sustainable clean energy ecosystem











Advanced Manufacturing Workshop NSEFI& Murdoch University

NSEFI and Murdoch University, organised a Renewable Energy, Energy Transition, and Advanced Manufacturing Workshop in New Delhi under the Maitri Research Grant initiative. The workshop brought together industry leaders, researchers, and policymakers from India and Australia to promote knowledge exchange and explore opportunities for collaboration in renewable energy and advanced manufacturing. Discussions highlighted India's ambitious clean energy targets alongside Australia's strengths in battery storage and critical raw materials, while emphasising the importance of continued dialogue, technology collaboration, and investment to strengthen bilateral partnerships and address emerging global supply chain challenges.











India–Australia Joint Conference on advancing manufacturing and the clean energy transition

The India–Australia Joint Conference on Advancing Manufacturing and the Clean Energy Transition, hosted by NSEFI in collaboration with Murdoch University, brought together stakeholders from both countries to strengthen cooperation across solar, wind, hydrogen, and energy storage sectors. Supported by RMIT University, the Australian Department of Foreign Affairs and Trade, and the Centre for Australia-India Relations, the conference promoted strategic partnerships, joint research and development, and knowledge exchange. The initiative aimed to deepen industrial collaboration, enhance market understanding, and catalyze greater investment in clean energy technologies.







National Roundtable on Financing Solar Manufacturing in India

The National Roundtable on Financing Solar Manufacturing in India, convened by NSEFI in partnership with SolarPower Europe, brought together leading industry players, financial institutions, and technology stakeholders to explore pathways for scaling investments and fostering innovation in solar manufacturing. The discussions focused on strengthening collaboration between Indian and European partners to build resilient solar value chains. By facilitating dialogue between industry and finance, the roundtable aimed to align Europe's technological strengths with India's manufacturing scale and accelerate the clean energy transition.











India–UK Roundtable on Advancing India's Solar Frontier

The India–UK Roundtable on Advancing India's Solar Frontier, convened by NSEFI in collaboration with the British High Commission, brought together industry leaders and global experts to strengthen cooperation in solar manufacturing and next-generation technologies. Discussions focused on advanced PV technologies, Industry 4.0-driven manufacturing, and innovative deployment models such as agrivoltaics, floating solar, and building-integrated photovoltaics (BIPV). The roundtable aimed to enhance collaboration, strengthen resilient supply chains, and catalyze investments to support India's clean energy transition.













Growing Global Demand for Green Skills

NSEFI hosted a panel discussion at the 16th Clean Energy Ministerial (CEM16) in Busan focusing on the growing global demand for green skills and the urgent need for international collaboration to bridge the skilled workforce gap in the clean energy sector. During the session, P. C. Garg highlighted the scale of workforce requirements needed to achieve global renewable energy targets and emphasised the importance of coordinated reskilling, mutual recognition of professional certifications, and enhanced workforce mobility. The discussion underscored the need for stronger global cooperation to address labour shortages, support developing economies with surplus youth talent, and ensure a just and inclusive transition for regions dependent on conventional energy industries.





MoU with the Long Duration Energy Storage Council

On the sidelines of Clean Energy Ministerial 16 (CEM16), NSEFI and the Long Duration Energy Storage Council (LDES Council) signed an MoU to strengthen collaboration in the field of long-duration energy storage. Signed by Shri P. C. Garg and Julia Souder, the partnership aims to advance battery storage technologies, promote innovation, and facilitate industry cooperation through B2B engagements and knowledge exchange. The collaboration marks an important step toward building a more resilient and sustainable power sector while deepening international cooperation in energy storage.

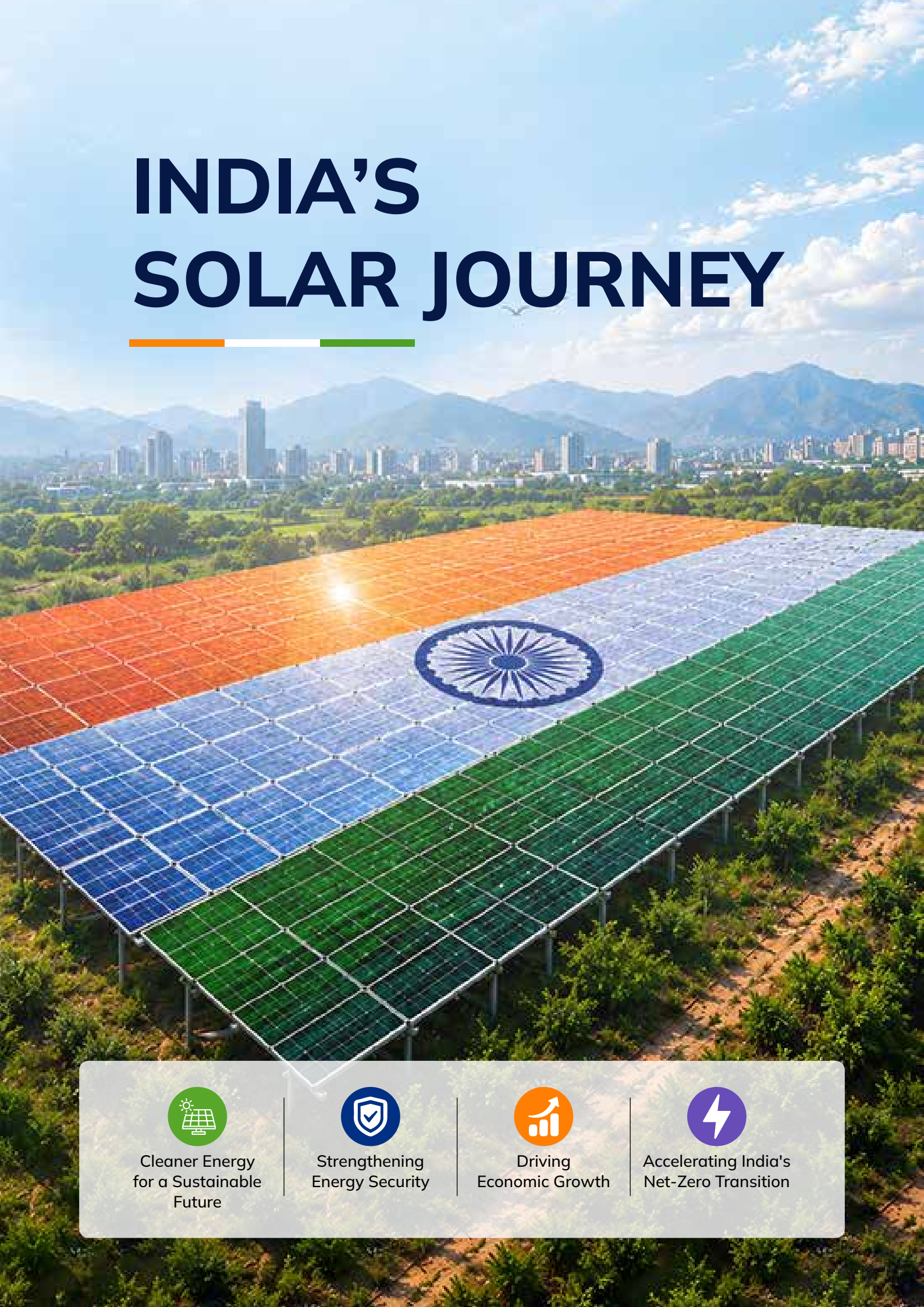
NSEFI participated in “Empowering People: A Roundtable on Clean Energy Workforce Readiness,” organized by the Clean Energy Ministerial Secretariat and Tara Climate Foundation, with Principal Advisor Shri P. C. Garg representing the federation. He emphasized that achieving India’s ambitious clean energy targets will require not only technological progress but also a skilled and adaptable workforce. The discussion underscored the importance of human capital development in enabling a successful energy transition.





NSEFI Principal Advisor Shri P. C. Garg participated in the panel discussion on “Building Resilient and Inclusive Solar PV Supply Chains for a Sustainable Energy Future” at Clean Energy Ministerial 16 in Busan, South Korea. Organized by IRENA, the International Solar Alliance, and Australia's Department of Climate Change, Energy, the Environment and Water, the session focused on strengthening resilient and inclusive solar PV supply chains to support the global energy transition.

INDIA'S SOLAR JOURNEY



Cleaner Energy for a Sustainable Future

Strengthening Energy Security

Driving Economic Growth

Accelerating India's Net-Zero Transition

CROSSING A DEFINING MILESTONE

150+ GW And Rising

India has achieved a historic milestone, supassing 150 GW of cumulative solar installed capacity.*

SOLAR POWER* (CUMULATIVE)

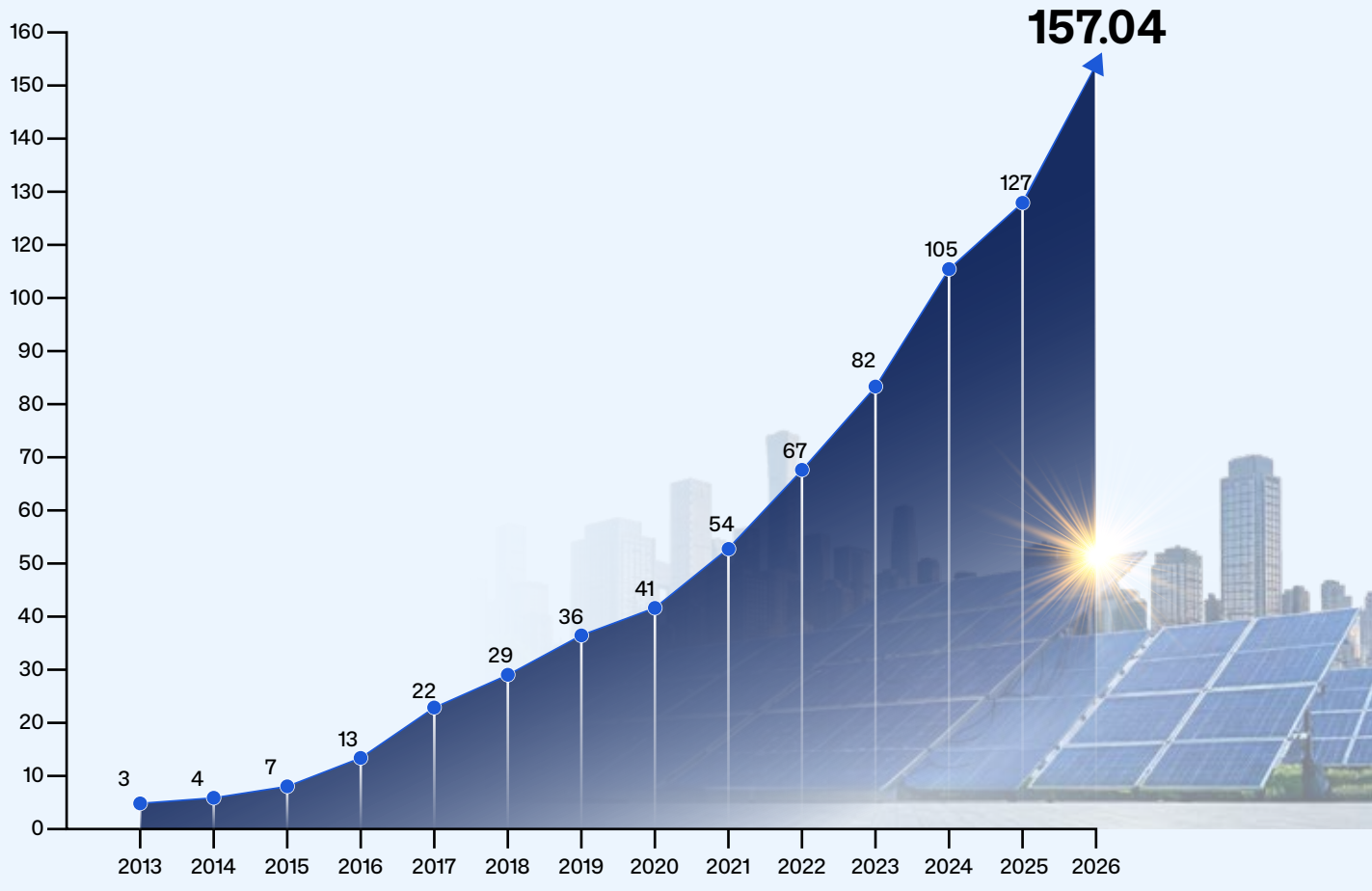
157.04 GW

*As of May 2026

118.79 GW	30.11 GW	4.06 GW	6.43 GW
Ground Mounted Solar Plant	Grid Connected Solar Rooftop	Hybrid Projects (Solar Component)	Off-Grid Solar

THE JOURNEY OF GROWTH

India's installed solar capacity has grow over **50x** in just over a decade.



Shri PC Garg, Principal Advisor, NSEFI - National Solar Energy Federation of India, met with Ms. Andrianna Sukova, Deputy Director General, European Commission Union, during CEM16 for a bilateral discussion. The dialogue focused on skilling, capacity building, and creating new employment opportunities in the clean energy sector, along with fostering pathways to help workers transition into renewable and sustainable industries.





Shri PC Garg, Principal Advisor, NSEFI - National Solar Energy Federation of India, joined the panel discussion on “Driving Grid Resilience – Battery Solutions and V2G Integration in the Era of Electric Mobility” at the 16th Clean Energy Ministerial, organized by India Smart Grid Forum (ISGF) in Busan, South Korea. He highlighted how Battery Energy Storage Systems (BESS) and Vehicle-to-Grid (V2G) technologies are set to play a transformative role in strengthening India’s grid resilience, integrating higher shares of renewable energy, and enabling millions of EVs to act as virtual power plants.

NSEFI Principal Advisor Shri P. C. Garg participated in the session “Mobilizing Green & Sustainable Finance at Scale for the Clean Energy Transition,” organized by the Global Green Growth Institute. His intervention highlighted the role of Viability Gap Funding (VGF) and innovative financing mechanisms in accelerating India's clean energy ambitions while creating scalable models that can be replicated across emerging markets.









India–EU Solar Manufacturing Roundtable

The India–EU Solar Manufacturing Roundtable, organized by NSEFI, SolarPower Europe, BSW, and the Indo-German Energy Forum Support Office (IGEF-SO), brought together industry leaders and policymakers to strengthen cooperation between India and the European Union. The discussions focused on advancing innovation, enhancing policy collaboration, and fostering strategic partnerships to build a resilient and future-ready solar manufacturing ecosystem. The roundtable marked an important step toward deepening clean energy cooperation and strengthening global supply chains.





Launch of EPC Best Practices Guidelines 2.0

The launch of the second edition of the EPC Best Practices Guidelines, developed jointly by NSEFI and SolarPower Europe, marked a significant milestone in strengthening Indo–German cooperation in the solar sector. Unveiled by H.E. Johann Saathoff, State Secretary for Economic Development of Germany, at the Skilled Workers Pavilion, the occasion also highlighted ongoing collaboration between NSEFI and Bundesverband Solarwirtschaft (BSW) on skilled worker exchange between India and Germany. Complementing the launch, NSEFI, BSW, and GIZ India convened a high-level roundtable with leading Indian and German manufacturers to advance industrial cooperation and strengthen bilateral solar supply chains.







Rountable on scaling up the India–Australia partnership for green hydrogen production

The Roundtable on Scaling Up the India–Australia Partnership for Green Hydrogen Production, convened by NSEFI in collaboration with the Smart Energy Council of Australia, brought together key stakeholders from both countries to explore opportunities for deeper cooperation across the green hydrogen value chain. Discussions focused on the evolving landscape of green hydrogen and ammonia production, fostering knowledge exchange and identifying areas for strategic collaboration. The dialogue underscored the growing momentum in India–Australia clean energy ties and their shared commitment to building a resilient and low-carbon hydrogen economy.





India-Australia Industry Roundtable on Renewable Energy

The India–Australia Industry Roundtable on Renewable Energy, held in New Delhi, convened senior Government representatives and industry stakeholders to advance bilateral cooperation in the clean energy sector. The dialogue was jointly chaired by Chris Bowen and Santosh Kumar Sarangi, with participation from the National Solar Energy Federation of India (NSEFI). Discussions focused on strengthening collaboration in priority areas including green hydrogen, grid integration, energy storage, agrivoltaics, skilling, and investment. The engagement highlighted the complementary strengths of India and Australia and underscored the potential for deeper partnerships to accelerate renewable energy deployment and support sustainable development across the Global South.







Brandenburg Investor Roundtable

The Brandenburg Investor Roundtable, held in New Delhi, brought together stakeholders to strengthen Indo–German cooperation in renewable energy and sustainable investment. As a Partner Association, NSEFI reaffirmed its commitment to fostering deeper collaboration with the German State of Brandenburg in areas such as renewable energy, automation, and clean technologies. On the occasion, Shri P. C. Garg extended greetings on behalf of NSEFI and presented a memento to H.E. Daniel Keller, highlighting the growing momentum for bilateral investment and industrial partnerships.



Roundtable on the Role of AI in the Power and Energy Sector

The Roundtable on the Role of AI in the Power and Energy Sector, hosted by NSEFI in collaboration with the U.S.–India Business Council (USIBC), brought together industry experts, researchers, and policy stakeholders to examine the transformative potential of artificial intelligence in the energy ecosystem. Discussions focused on applications in electric mobility, battery technologies and energy storage, predictive maintenance, grid optimization, and renewable energy integration. The dialogue served as a platform to connect global technological innovation with India's clean energy priorities, fostering collaboration to enable an AI-driven and resilient energy transition.









Global Solar Industry Associations Meeting at NYC Climate Week

NSEFI participated in the landmark Global Solar Industry Associations Meeting held during NYC Climate Week, organized by the Global Solar Council (GSC) and Bloomberg Philanthropies. Bringing together solar leaders from around the world, the gathering provided a platform to strengthen collaboration, exchange insights, and build stronger partnerships across the global solar ecosystem. Through its participation, NSEFI contributed perspectives from India's renewable energy sector while advancing international cooperation, capacity building, and shared innovation to accelerate the global clean energy transition.





Global session on Stronger Together: Accelerating Global Solar Deployment Through Cooperation

During the global session “Stronger Together: Accelerating Global Solar Deployment Through Cooperation,” Subrahmanyam Pulipaka, CEO of NSEFI joined international leaders to share insights on key developments shaping India’s solar sector. He highlighted the rapid growth of rooftop solar under the PM Surya Ghar Muft Bijli Yojana, the expansion of domestic photovoltaic manufacturing capacity, and the growing emphasis on storage-backed renewable energy tenders. The discussion reflected India’s evolving solar ecosystem and underscored the importance of innovation, scalability, and international collaboration in accelerating the global clean energy transition.



EU–India Clean Energy and Climate Partnership (CECP) Phase III Launch

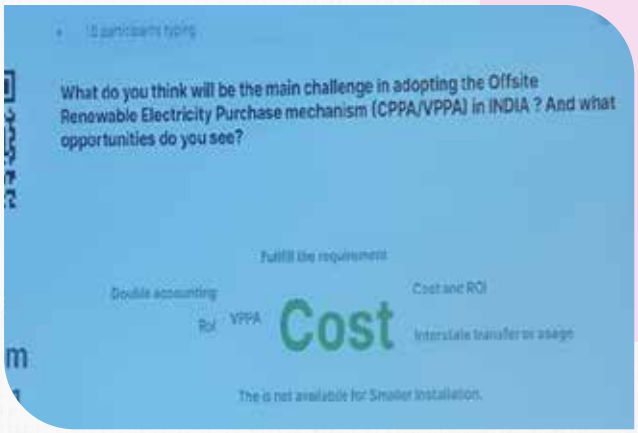
NSEFI, represented by CEO Subrahmanyam Pulipaka, participated in the launch of Phase III of the EU–India Clean Energy and Climate Partnership (CECP), reaffirming its commitment to strengthening industry-led collaboration between India and the European Union. Through its engagement, NSEFI is facilitating partnerships and dialogue across key sectors including solar, wind, green hydrogen, and grid technologies, enabling greater innovation and business cooperation. The initiative supports enhanced technology exchange, investment flows, and resilient supply chains, further advancing India–EU clean energy cooperation.





Ralph Lauren Sustainability Round Table

NSEFI participated in the Ralph Lauren Sustainability Round Table, engaging with industry stakeholders on the growing competitiveness of renewable energy compared to conventional grid power. Discussions focused on PPA and VPPA structures, as well as Open Access models, highlighting their potential to accelerate clean energy adoption in the commercial and industrial (C&I) segment. The session provided a platform for exchanging insights on innovative procurement mechanisms and advancing corporate decarbonization efforts.







India - Korea Meet

NSEFI held a meeting with Lee Seong-ho and Lee Sang Hee at the Embassy of theRepublic of Korea in India to discuss opportunities for strengthening India–Korea cooperation in the clean energy sector. The engagement, was signed to promote collaboration in research and development, manufacturing partnerships, and emerging areas such as green hydrogen. Through such initiatives, NSEFI continues to advance international cooperation and facilitate industry dialogue that supports innovation, technology exchange, and the growth of India's clean energy ecosystem.



EIE GR – Solar and Energy Storage Technology Symposium

NSEFI was the Knowledge Partner for the German Delegation: EIE GR – Solar and Energy Storage Technology Symposium, organized by the Indo-German Chamber of Commerce and co-organized by eclareon GmbH with support from the Federal Ministry for Economic Affairs and Energy. The event provided a platform for meaningful Indo–German dialogue on solar energy, manufacturing, supply chain diversification, and energy storage. NSEFI contributed to key discussions on module manufacturing excellence and the integration of agriculture with solar power, reinforcing the importance of bilateral cooperation in advancing innovation and strengthening clean energy value chains.

The Roundtable Discussion with Selwin Hart, Special Adviser to the Secretary-General and Assistant Secretary-General of the Climate Action Team, held as part of the United Nations–Bharat Climate Forum in New Delhi, brought together experts to deliberate on adaptation, resilience, climate finance, and pathways for green growth. NSEFI stakeholders participated in the discussions, sharing insights on scaling renewable energy while promoting job creation and sustainable economic development. The dialogue reinforced the importance of collaborative approaches to advancing India's energy transition and climate goals.





NSEFI engaged with representatives from the International Energy Agency (IEA) to discuss pathways for advancing renewable energy growth and strengthening policy cooperation. The interaction focused on key market developments, emerging opportunities, and collaborative approaches to support India's clean energy ambitions. The meeting underscored the importance of international partnerships in accelerating the energy transition and fostering a resilient renewable energy ecosystem.

NSEFI engaged in a productive interaction with H.E. Mr. Evag ras Vryonides, High Commissioner of Cyprus to India, to explore opportunities for collaboration in renewable energy. The discussion focused on advancing clean energy innovation, strengthening grid management, and fostering sustainable trade between India and Cyprus. The interaction highlighted the importance of international partnerships in driving climate action and energy resilience, with NSEFI looking forward to translating these discussions into impactful initiatives.





NSEFI participated in the Global Associations Workshop at Intersolar Europe 2025, where SolarPower Europe launched its latest Global Market Outlook with a special focus on India. The session highlighted the remarkable expansion of India's solar sector, driven by rapid growth in domestic manufacturing and a strong national focus on energy security, self-reliance, and resilient supply chains. NSEFI's participation underscored its role in representing India's solar industry on global platforms and fostering international dialogue on the continued growth of the global solar market.

At the Solar Technology Conference India 2025, organized by TaiyangNews, NSEFI and SolarPower Europe signed a landmark MoU to strengthen cooperation in solar manufacturing, innovation, and supply chain resilience. The partnership underscored a shared commitment to deepening India–Europe collaboration and advancing resilient solar value chains. The agreement marked an important step toward supporting expanding renewable energy ambitions and accelerating the global clean energy transition.



PARTNERSHIP WITH

BSREA
BANGLADESH SUSTAINABLE AND RENEWABLE ENERGY ASSOCIATION

NSEFI
RE-imagining Sustainable India

NSEFI and the Bangladesh Sustainable and Renewable Energy Association signed a Memorandum of Understanding (MoU), formalized by Subrahmanyam Pulipaka and Mostafa Al Mahmud, to strengthen regional collaboration in renewable energy across South Asia. The partnership focuses on knowledge exchange, joint research, capacity building, and facilitating business linkages, reflecting a shared commitment to accelerating the clean energy transition through cooperation, innovation, and cross-border initiatives.

NSEFI hosted Michael Steidl from the European Investment Bank for a closed-door interaction with its members to explore financing opportunities for India's solar manufacturing ecosy tem. The discussion focused on long-term financing frameworks, aligning India's manufacturing ambitions with the EIB's climate-focused strategy, and sharing insights on bankability standards and de-risking green investments. The interaction reflected a shared commitment to leveraging European expertise and capital to strengthen India's position as a global solar man facturing hub.





NSEFI visited the Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg (ZSW) in Stuttgart, Germany, to explore advanced R&D initiatives in solar energy, battery storage, and green hydrogen. The visit aimed at fostering Indo-German collaboration in clean energy technologies and scaling innovations for a sustainable future

NSEFI, in collaboration with IGEF-SO, hosted a High-Energy Networking Reception at Intersolar 2025 in Munich, bringing together leading Indian and German stakeholders from the solar and energy storage sectors. The event provided a platform for strengthening bilateral cooperation and fostering new business opportunities. Featuring keynote remarks from Mr. Ashish Khanna, Director General of the International Solar Alliance, the reception catalyzed fresh ideas, strategic partnerships, and deeper collaboration to accelerate the global energy transition.





NSEFI held an insightful interaction with Abigail Ross Hopper and Stacy J. Ettinger of the Solar Energy Industries Association to explore opportunities for deeper Indo–US collaboration in the renewable energy sector. The discussions focused on strengthening partnerships, enhancing supply chain resilience, and fostering greater cooperation to advance shared clean energy objectives.



NSEFI held a cordial meeting with His Excellency, Mr. Shatrughna Sinha, Consul General of India in Munich, Germany to explore avenues for advancing the renewable energy agenda and deepening collaboration between India and Germany. The interaction focused on fostering strategic partnerships and enhancing bilateral cooperation to support the shared goals of clean energy growth and sustainable development.

NSEFI CEO Subrahmanyam Pulipaka held a cordial meeting with Bob Keefe and Rana Pujari to exchange perspectives on India's growing renewable energy potential and the evolving skilling landscape. Discussions focused on workforce development, industry readiness, and collaborative approaches needed to support the country's ambitious clean energy targets. The interaction underscored the importance of international cooperation and human capital development in accelerating India's energy transition.



NSEFI
RE-Imagining Sustainable India

KNOWLEDGE | SKILLS | INNOVATION | SUSTAINABILITY

Powering Innovation and Talent



Driving the future of renewable energy through knowledge and skills.

NSEFI empowers its members with access to cutting-edge research and industry-focused skilling initiatives, helping organizations build capabilities and stay ahead in the evolving energy landscape.

R&D PORTAL

- Research papers and technical publications
- Industry reports and knowledge resources
- Innovation and collaboration opportunities
- Access to emerging technology insights

SKILLING PORTAL



- Training modules and learning resources
- Workforce development programs
- Industry-oriented capacity building
- Skill enhancement for the clean energy sector

Build Capabilities | Drive Innovation | Create Impact | Sustain the Future

LEARN. INNOVATE. LEAD.

STRENGTHENING CAPABILITIES FOR A SUSTAINABLE FUTURE

Nsefi In Action













National Conference on Skill Development for Renewable Energy Workforce

In collaboration with the Ministry of New and Renewable Energy (MNRE), NSEFI successfully organized the National Conference on Skill Development for Renewable Energy Workforce, bringing together policymakers, industry leaders, training institutions, and other key stakeholders. The conference focused on strengthening industry-aligned skilling frameworks to support India's rapidly expanding renewable energy sector. Discussions highlighted the need for enabling policies, demand-driven training systems, and scalable placement mechanisms to bridge workforce gaps. Special emphasis was placed on developing talent pipelines for the solar, wind, and green hydrogen industries. The event reinforced the importance of building a skilled and future-ready workforce to accelerate India's clean energy transition and support its long-term energy ambitions.













National Roundtable on Renewable Energy Capacity-Building Advancement and Planning (RECAP)

NSEFI successfully hosted the National Roundtable on Renewable Energy Capacity-Building Advancement and Planning (RECAP) 2025, bringing together policymakers, industry leaders, academia, and skilling experts to strengthen India's renewable energy talent ecosystem. The conference focused on developing a resilient and inclusive workforce to support the country's clean energy ambitions. Discussions emphasized demand-aligned skilling, stronger industry-academia linkages, and effective talent retention strategies. Special attention was given to enhancing the participation of women and youth in the sector. The event culminated in actionable recommendations aimed at building a future-ready workforce for India's clean energy transition.













National Roundtable on Solar Manufacturing R&D

NSEFI, in collaboration with the National Institute of Solar Energy (NISE), convened the National Roundtable on Solar Manufacturing R&D to address critical gaps in India's solar manufacturing ecosystem. Bringing together representatives from industry, academia, and Government, the dialogue examined challenges across upstream and midstream segments, including polysilicon, wafers, and high-efficiency cells. Discussions highlighted the importance of next-generation technologies, AI-enabled manufacturing, and circular economy solutions to enhance competitiveness. Participants emphasized the need for mission-driven, industry-led research supported by pilot lines, shared testing infrastructure, and Technology Readiness Level (TRL)-linked funding mechanisms. The roundtable concluded with a call to establish an industry-academia working group and develop a long-term roadmap to accelerate the translation of innovation from laboratory to market and strengthen India's position in the global solar manufacturing value chain.













NSEFI RE VIEW: Conversations on Energy, Policy & the Future

NSEFI, in collaboration with Observer Research Foundation America and BlueKraft Digital Foundation, launched the inaugural edition of its flagship platform, NSEFI RE VIEW – Conversations on Energy, Policy & the Future. The event marked the official release of Energy for Billions by Dr. Piyush Verma, followed by a high-impact panel discussion featuring distinguished experts and thought leaders. The dialogue explored critical themes surrounding renewable energy and climate action, with a focus on policy innovation, institutional frameworks, and emerging opportunities for global cooperation. Participants underscored the importance of collaborative approaches in ensuring an inclusive and sustainable energy transition. The inaugural session established NSEFI RE VIEW as a platform for fostering informed discourse on the future of energy and climate policy.













Evolution of Renewable Energy Post-ISTS Waiver in India

NSEFI successfully convened a high-level Member Roundtable on the Evolution of Renewable Energy Post-ISTS Waiver in India, bringing together leading industry stakeholders and policymakers to examine the changing dynamics of the sector. The discussions focused on the evolving policy landscape, regulatory frameworks, and market implications in the post-ISTS waiver era. Participants explored strategic pathways to sustain the momentum of renewable energy deployment while ensuring long-term sectoral growth and competitiveness. The roundtable facilitated constructive dialogue on emerging opportunities and challenges facing developers and investors. The event reaffirmed NSEFI's commitment to fostering industry consensus and supporting policy frameworks that enable India's clean energy ambitions.













1st National Roundtable on Energy Storage and Renewable Energy

NSEFI successfully organized the 1st National Roundtable on Energy Storage and Renewable Energy, bringing together senior representatives from central agencies, State Governments, and leading independent power producers (IPPs) to deliberate on the growing role of energy storage in India's clean energy transition. The high-level dialogue focused on strengthening storage integration, enhancing grid flexibility, and supporting the country's renewable energy expansion. Participants exchanged actionable insights and explored collaborative approaches for developing a unified national roadmap. The discussions emphasized the importance of aligning storage deployment with India's renewable energy ambitions and grid modernization goals. The initiative reinforced the critical role of energy storage in enabling a resilient and future-ready power system.













5th National CEO's Roundtable on Solar Manufacturing

NSEFI successfully convened the 5th National CEO's Roundtable on Solar Manufacturing, its flagship annual gathering of leaders from India's leading solar manufacturing companies. The high-level dialogue provided a strategic platform for discussing the sector's priorities for the 2026–2030 period. Key deliberations focused on strengthening domestic manufacturing capabilities, addressing emerging global trade challenges, and enhancing India's competitiveness across the solar value chain. Participants also explored pathways to accelerate innovation and reduce external dependencies. The roundtable reinforced the shared commitment of industry leaders to advancing India's vision of self-reliance and establishing the country as a global hub for solar manufacturing.













Annual Media Dialogue

NSEFI successfully hosted its Inaugural Annual Media Dialogue, a first-of-its-kind platform designed to foster meaningful engagement between renewable energy leaders and leading climate journalists. The dialogue enabled candid and insightful discussions on the opportunities and challenges shaping India's clean energy landscape. Participants explored practical solutions while strengthening informed and impactful narratives around the sector. As India's renewable energy journey continues to gather momentum, the event highlighted the sector's growing role as a driver of employment, manufacturing, and economic growth. The initiative underscored the importance of informed public discourse in advancing the country's clean energy future.





11th Pre-Budget Consultation

NSEFI had the distinct privilege of participating in the 11th Pre-Budget Consultation chaired by Hon'ble Union Finance Minister Smt. Nirmala Sitharaman. Represented by CEO Subrahmanyam Pulipaka, the federation joined senior Government officials and key stakeholders in deliberations on priorities for the upcoming budget. The high-level engagement reflected the Government of India's continued emphasis on energy security and the accelerated growth of the renewable energy sector. Discussions focused on creating an enabling policy environment to support investments, manufacturing, and infrastructure development. The consultation reinforced the importance of sustained Government-industry collaboration in advancing India's clean energy and economic objectives.

NSEFI Director General Shri Deepak Gupta, IAS (Retd.), and CEO Subrahmanyam Pulipaka met with Hon'ble Union Minister for Power, Housing and Urban Affairs Shri Manohar Lal Khattar to commemorate India's landmark achievement of 100 GW of installed solar capacity. During the meeting, they presented the 100 GW Solar Milestone Memento, symbolizing the remarkable progress and collective success of the Indian solar industry. The interaction underscored the sector's pivotal role in advancing India's clean energy ambitions and energy security goals





NSEFI CEO Subrahmanyam Pulipaka met with Hon'ble Chief Minister of Andhra Pradesh Nara Chandrababu Naidu in Amaravati and extended an invitation to preside over APCEX 2025 in Visakhapatnam. During the meeting, NSEFI presented the 100 GW Solar Milestone Memento, recognizing India's renewable energy achievements and the visionary leadership that helped lay the foundation for the sector's growth. The interaction reaffirmed the importance of continued collaboration in advancing India's clean energy transition.

NSEFI participated in the 1st Expert Advisory Committee Meeting of the Amaravati Green Hydrogen Valley, organized by the New & Renewable Energy Development Corporation of Andhra Pradesh (NREDCAP) in Vijayawada. The meeting brought together key stakeholders to deliberate on strategies for advancing green hydrogen development and supporting Andhra Pradesh's vision of becoming a leading hub for the emerging clean energy sector.





NSEFI signed an MoU with the National Institute of Solar Energy (NISE) to accelerate innovation and entrepreneurship in India's renewable energy sector. The partnership will advance solar, green hydrogen, and emerging technologies, while establishing a Renewable Energy Incubation Center to support clean-tech startups and skill development. The collaboration marks a significant step toward strengthening India's clean energy innovation ecosystem.

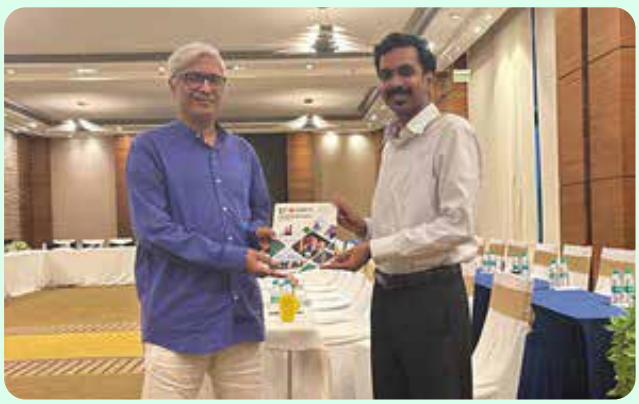
Shri PC Garg, Principal Advisor, NSEFI - National Solar Energy Federation of India met with Shri Dr. M. Kamalakar Babu M.Sc., B.L., Ph.D. IAS, Vice Chairman & Managing Director, NREDCAP in Andhra Pradesh for a courtesy meeting aimed at strengthening cooperation in the renewable energy sector. As India moves forward on its clean energy goals, such dialogues play a key role in building State-level synergies for a sustainable and energy-secure future.





NSEFI called on Dr. Rohit Yadav, Chairman of Chhattisgarh State Power Distribution Company Limited and Energy Secretary, Government of Chhattisgarh, to convey appreciation for his visionary leadership in advancing the State's clean energy agenda. The interaction underscored the importance of collaborative efforts in accelerating sustainable energy development.

During his visit to Raipur NSEFI CEO Subrahmanyam Pulipaka had a cordial meeting with Shri Dr Jawahar Surisetti Vice Chancellor of RISU - Chhattisgarh's first Skills University. They exchanged views of Skill Landscape in the State of Chhattisgarh and potential for Green Jobs.





A delegation from NSEFI met with Shri Akash Tripathi, Managing Director of Solar Energy Corporation of India Limited, to brief him on the federation's ongoing initiatives and discuss key issues impacting the renewable energy sector. The interaction provided a valuable platform for exchanging views and exploring collaborative efforts to accelerate India's clean energy transition and strengthen the growth of the solar industry.

Shri P. C. Garg, Principal Advisor, NSEFI, held a courtesy meeting with Shri Dilip Nagesh Rozekar, Chief Operating Officer of Central Transmission Utility of India Limited. The interaction provided an opportunity to exchange perspectives on issues related to transmission infrastructure and strengthen cooperation in support of India's expanding renewable energy ecosystem.





NSEFI CEO Subrahmanyam Pulipaka graced the valedictory session of the NISE ITEC Programme as Chief Guest, where he shared insights on India's green hydrogen roadmap. He emphasized the importance of global cooperation, innovation, and capacity-building in accelerating the clean energy transition and fostering the development of a sustainable hydrogen ecosystem.

NSEFI CEO Subrahmanyam Pulipaka held a cordial meeting with Shri Musharraf Faruqui, IAS, CMD of Telangana Rythu Power Distribution Company Limited (TGRPDCL), and Smt. Anila Vavilla, Vice Chairman & Managing Director of Telangana State Renewable Energy Development Corporation Limited. The discussions focused on accelerating clean energy adoption and promoting sustainable power solutions in the State. During the interaction, the India Agrivoltaics Alliance (IAA) State Analysis Report was presented, highlighting key opportunities and pathways for scaling agrivoltaics and strengthening Telangana's renewable energy ecosystem.









Emerging Role of Energy Storage in India's Energy Mix

NSEFI hosted a high-level closed-door roundtable in collaboration with IECC–UC Berkeley and NETRA on the "Emerging Role of Energy Storage in India's Energy Mix," focusing on advancing renewable energy and storage integration to support India's 500 GW clean energy target. The discussion brought together key stakeholders to deliberate on policy, technology, and market pathways for large-scale deployment of energy storage solutions. The roundtable was led by NSEFI Director General Shri Deepak Gupta and Principal Advisor Shri P. C. Garg, and moderated by CEO Mr. Subrahmanyam Pulipaka. The deliberations highlighted the critical role of storage in enabling grid flexibility, reliability, and seamless renewable integration. The session reinforced energy storage as a key pillar of India's future-ready power system and energy transition strategy.

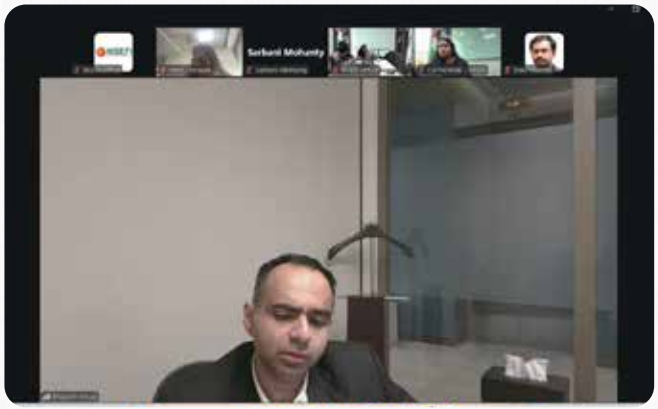




Inaugural Meeting of Nuclear Energy and Renewable Energy Integration Committee

NSEFI convened the inaugural meeting of its Nuclear Energy and Renewable Energy Integration Committee, chaired by Shri Rabindra Kumar Satpathy (Holtec Asia), at its New Delhi office in hybrid mode. The session marked the formal launch of a dedicated platform to explore complementarities between nuclear and renewable energy systems. Discussions focused on strengthening integrated clean energy pathways to support grid stability, reliability, and long-term decarbonization objectives. The initiative reflects NSEFI's expanding advocacy on cross-technology collaboration to accelerate India's transition to a low-carbon energy system. It also underscores the growing importance of nuclear-renewable synergies in advancing India's Net Zero 2070 commitment.





Union Budget 2026–27: Implications for the Renewable Energy Sector

NSEFI, in collaboration with EY India, hosted a focused discussion on the Union Budget 2026–27 and its far-reaching implications for India's renewable energy sector. The session brought together key stakeholders to examine policy priorities, fiscal measures, and regulatory developments shaping the clean energy landscape. Deliberations highlighted opportunities to strengthen investment flows, enhance manufacturing competitiveness, and accelerate project deployment across renewable energy segments. Participants also discussed the budget's potential role in enabling long-term energy transition goals through supportive frameworks and targeted interventions. The dialogue reinforced the importance of continued industry–policy engagement to drive India's sustainable energy growth trajectory.



NSEFI participated in the India Heat Summit 2025, where Principal Advisor Shri P. C. Garg joined the session "The Dual Threats to India's Energy Systems in a Warming Climate." He emphasized the growing risks posed by extreme heat to energy reliability and system stability. The discussion highlighted battery energy storage as a critical solution to ensure uninterrupted power supply during periods of reduced solar generation.

At Bharat Renewable Expo 2026, NSEFI, in partnership with the Rajasthan Solar Association (RSA), convened high-level discussions on Green Hydrogen, Ammonia & Sustainable Aviation Fuel (SAF) pathways, as well as the Domestic Manufacturing Roadmap for PV, Storage & Wind. The deliberations emphasized the need to transition from policy intent to execution through bankable projects, demand-led tenders, and technology readiness. Participants also highlighted the importance of export-grade quality, automation, and globally aligned standards to strengthen India's position as a global clean energy manufacturing hub.





Shri P. C. Garg, Principal Advisor, NSEFI, participated as a speaker at the Clean Hydrogen Summit – Andhra Pradesh, hosted by SRM University, AP, in Amaravati. As the first dedicated hydrogen summit hosted by an Indian State, the event highlighted Andhra Pradesh's commitment to advancing India's green hydrogen ambitions and accelerating the transition to a low-carbon energy future

NSEFI team had the privilege of meeting Dr. W. Selvamurthy, Chancellor, Prof. Dr. Piyush Kant Pandey, Vice Chancellor, and Prof.(Dr.) Sumita Dave, Pro-Vice Chancellor of Amity University Raipur to discuss collaboration opportunities in Renewable Energy skilling and capacity building. As India transitions towards a clean energy future, skilling our youth in RE technologies becomes a critical pillar. We look forward to working together with Amity to build a skilled, future-ready green workforce in Chhattisgarh.





At the Decentralised Renewable Energy (DRE) for Rural Development Workshop organized by the Centre for Science and Environment, Prasoon Anand, Associate Director, NSEFI, delivered a guest lecture on the policy and regulatory landscape for DRE in India. He highlighted the PM-KUSUM scheme, agrivoltaics, and MNRE guidelines, emphasizing the potential of stilted solar systems to enhance energy security and generate additional income for farmers.

NSEFI - National Solar Energy Federation of India CEO Subrahmanyam Pulipaka was featured on SANSAD TV alongside Shri Jagdambika Pal, Former Chief Minister, Uttar Pradesh to unpack the Parliamentary Standing Committee's take on New & Renewable Energy from big wins to bold proposals for the future.





Shri PC Garg, Principal Advisor, NSEFI - National Solar Energy Federation of India, was at the Indian Utility Week's Leadership Panel 2B: Smart Grid Powerplay – Scaling Grid Integration and EV Charging Solutions. The session brought together industry leaders to deliberate on how India's power system can evolve into a smart, resilient, and future-ready grid capable of integrating high levels of renewables while supporting the rapid growth of electric vehicle (EV) charging infrastructure.

Shri P. C. Garg, Principal Advisor, NSEFI, participated in the Indian Utility Week Energy CEO Forum – Powering India's Growth: CEO Insights on Generation Strategy, Risk & Regulation. He emphasized the importance of energy storage solutions, including BESS and pumped storage, along with robust ISTS connectivity, to address India's evening peak demand. He also highlighted supply chain disruptions, trade tensions, and access to critical minerals as key challenges requiring coordinated policy and industry action.





NSEFI Team engaged in a Strategic Communication Training facilitated by Climate Trends, enriched with expert insights from industry and PSU representatives. The session provided valuable tools and strategies that empowered our team to communicate more effectively, strengthen outreach, and amplify the impact of India's renewable energy journey.

NSEFI CEO was a panellist at the India Today Energy Summit 2025. The summit brings together leading policymakers, global industry voices, innovators, and experts to discuss India's clean energy transition, the evolving hydrogen economy, future mobility pathways, and the roadmap to achieving Net Zero.





NSEFI Principal Advisor Shri P. C. Garg participated in the Vibrant Gujarat Regional Conference (Kutch & Saurashtra), where he highlighted the importance of integrated energy corridors in developing climate-resilient and future-ready energy systems. His remarks underscored the need for coordinated infrastructure planning to support India's growing clean energy ambitions and enhance long-term energy security.

NSEFI CEO Subrahmanyam Pulipaka appeared on NewsX Deep Dive, where he shared the solar industry's perspective on policy developments, growth opportunities, and India's clean energy transition. Highlighting the collective voice of the sector, he outlined the key priorities and the road ahead for scaling solar energy and strengthening India's clean energy ecosystem.





NSEFI CEO Subrahmanyam Pulipaka participated in the Solar Technology Conference India 2026, hosted by TaiyangNews, as part of the session “Solar Manufacturing in India – Reflecting on the Strategy to Solar Autonomy.” The discussion explored India's roadmap for building a resilient and self-reliant solar manufacturing ecosystem, with a focus on policy support, technological innovation, and strategies to strengthen globally competitive Made in India solar solutions

NSEFI participated in Mumbai Climate Week 2026, convening leaders and practitioners for the session “DRE for Development: Scalable Models from India for the Global South” in partnership with the Shakti Sustainable Energy Foundation. The discussion showcased scalable decentralized renewable energy solutions from solar irrigation and agrivoltaics to community-based systems that are advancing energy access, rural livelihoods, and climate resilience. Bringing together policymakers, industry leaders, global institutions, and innovators, the session fostered actionable insights and strengthened South–South collaboration on clean energy development.





Shri Deepak Gupta, IAS (Retd.), Director General, NSEFI, delivered the inaugural address at the dissemination workshop on “Tapping the Potential of Agriphotovoltaics in India,” organized by the Power Foundation of India and Climate Policy Initiative–India. Held at the SunMaster SAEV AgriPV farm in Najafgarh, the workshop emphasized the need to move from dialogue to implementation, showcasing agrivoltaics as a transformative solution for sustainable agriculture, energy security, and enhanced rural livelihoods.

NSEFI CEO Subrahmanyam Pulipaka participated in the Responsible Renewable Energy Summit 2026, organized by the Responsible Energy Initiative (REI) India, with NSEFI as the Outreach Partner. Speaking at the session “Building Trust: Embedding Responsible Practice in India's Renewable Energy Projects,” he emphasized the importance of fostering trust between developers and local communities as a cornerstone of a successful energy transition. The discussion highlighted practical approaches and enabling policy frameworks needed to institutionalize responsible practices across the renewable energy sector.



NSEFI
RE-Imagining Sustainable India

CEO Remarks

This edition of NSEFI YEAR IN REVIEW 2025–26 is a special one as it not only chronicles our work over the past year but also celebrates a remarkable milestone of 13 years since formation of National Solar Energy Federation of India (NSEFI). What began in 2013 as a platform to represent India's solar industry has today evolved into one of the country's foremost clean energy policy and industry advocacy organizations, representing the entire sustainable energy ecosystem.

This year has been particularly significant, not only for NSEFI but for India itself. India crossed the historic milestone of 150 GW of installed solar capacity, reaffirming its position as one of the world's fastest-growing renewable energy markets. Solar energy, which contributed only a few megawatts a little over a decade ago, has today become the backbone of India's clean energy transition. This achievement reflects visionary policymaking, industry innovation, and the collective commitment of every stakeholder represented in this room.

The journey, however, is about far more than installed capacity. Renewable energy is increasingly becoming central to India's aspirations for energy security, economic competitiveness, manufacturing leadership, and climate resilience. With the rapid expansion of utility-scale solar, commercial and industrial procurement, rooftop solar, agrivoltaics, energy storage, green hydrogen, and domestic manufacturing, India is now shaping the next chapter of the global energy transition.

Over the last thirteen years, NSEFI has been privileged to contribute to this transformation. We have worked closely with Governments, regulators, industry, financial institutions, academia, and international partners to provide evidence-based policy recommendations, build consensus, and create platforms that accelerate innovation and investment. Whether it is advancing rooftop solar through the Ghar Ke Upar, Solar is Super campaign, promoting women leadership through WISE, mainstreaming agrivoltaics through the India Agrivoltaics Alliance, strengthening manufacturing competitiveness, or launching initiatives on green data centres and clean hydrogen, our objective has always remained the same—to help build a stronger and more sustainable energy ecosystem.

This publication is therefore not merely a compilation of events. It is a reflection of the partnerships we have built, the ideas we have championed, and the confidence that the industry leaders placed in NSEFI over the past thirteen years. Every achievement documented here belongs equally to our members, our Government partners, our knowledge institutions, and the broader renewable energy community.

As India now moves towards its next milestones—500 GW of non-fossil capacity by 2030 and the vision of Viksit Bharat 2047—our challenges will evolve from building capacity to building flexibility, resilience, affordability, and global competitiveness. Storage, digitalisation, market reforms, transmission expansion, and domestic manufacturing will define the next phase of this journey.

On behalf of NSEFI, I extend my heartfelt gratitude to our members, our Governing Council, our Secretariat, our Government partners, and everyone who has been part of this remarkable journey.

Thank you, and I hope you enjoy reading the NSEFI YEAR IN REVIEW 2025–26.

Subrahmanyam Pulipaka
Chief Executive Officer
NSEFI



NSEFI Market Outlook 2026

44.6 GWAC
(~55 GWDC)
Capacity Added

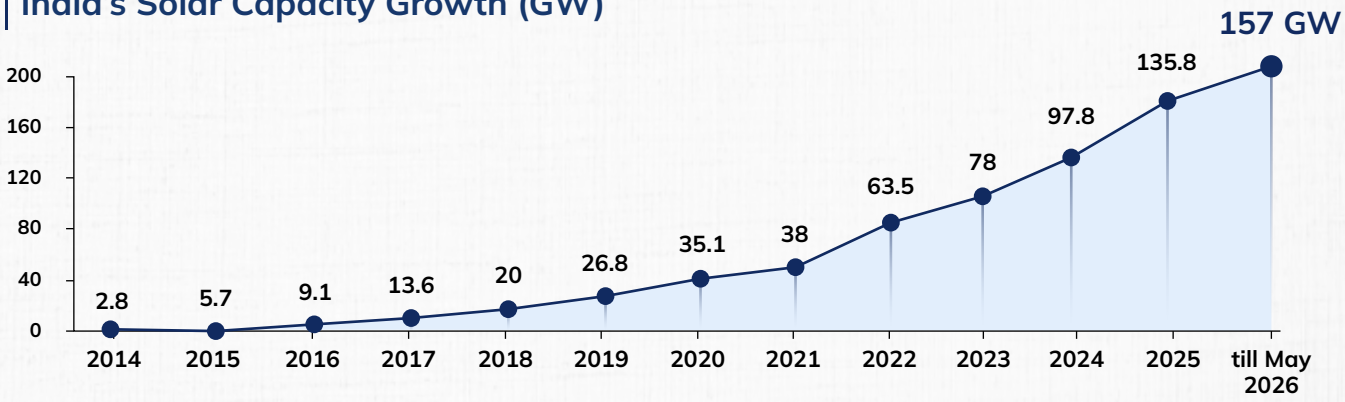
157.05 GW
Total Installed Solar Capacity

29.3639 GW
Total Non-Fossil Fuel Capacity

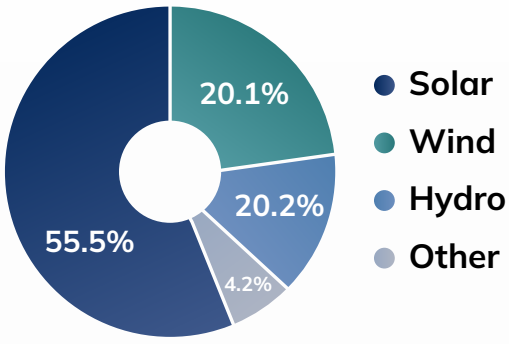
288.58939 GW
RE in non fossil fuel capacity

~172 GW
Module Manufacturing

India's Solar Capacity Growth (GW)



Renewable Energy Composition (2026)



> Solar is now the **anchor technology** in India renewable transition.

Key Market Segments

C&I Solar

~15 GW

(~34% of solar capacity additions)

- Driven by GEOA & VPPA
- Fastest-growing demand segament



Utility-Scale Solar (-23%)

125.61 GW

(~73% of installed capacity)

- ~35 GW added in 2025
- Shift - Hybrid + Storage + RTC power



Distributed Solar (DRE)

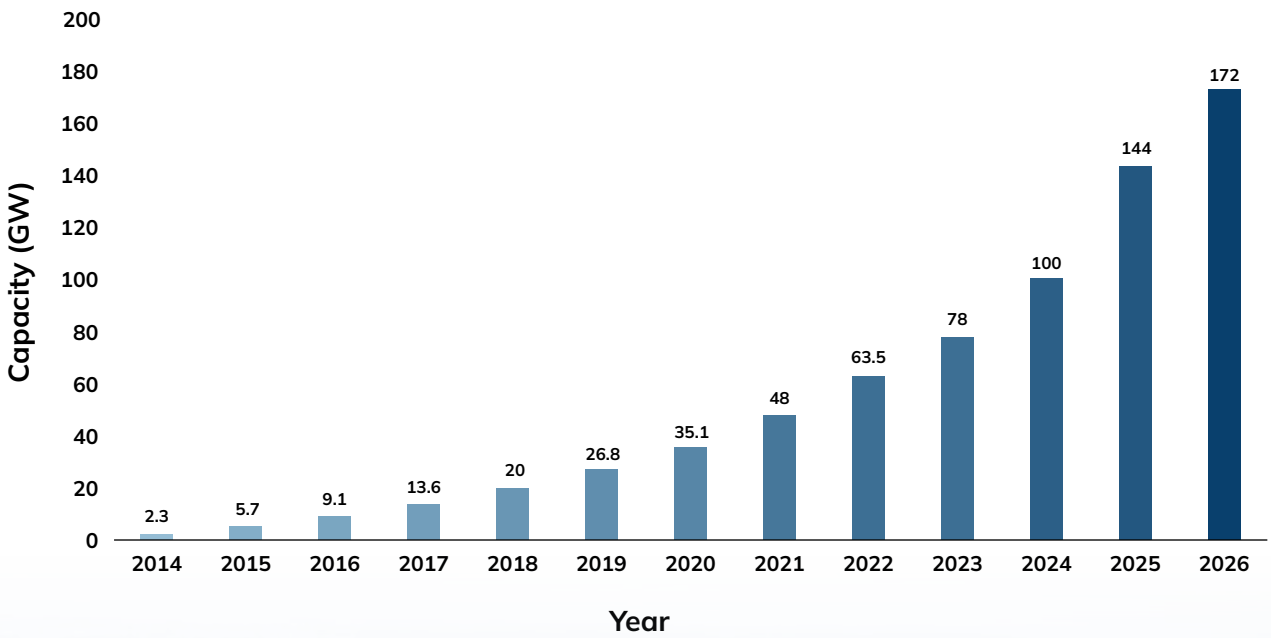
16.31 GW

(~36% of total solar additions)

- Rooftop: 25.73 GW
- Kusum : 14.1 GW
- 40 lakh houesholds impacted

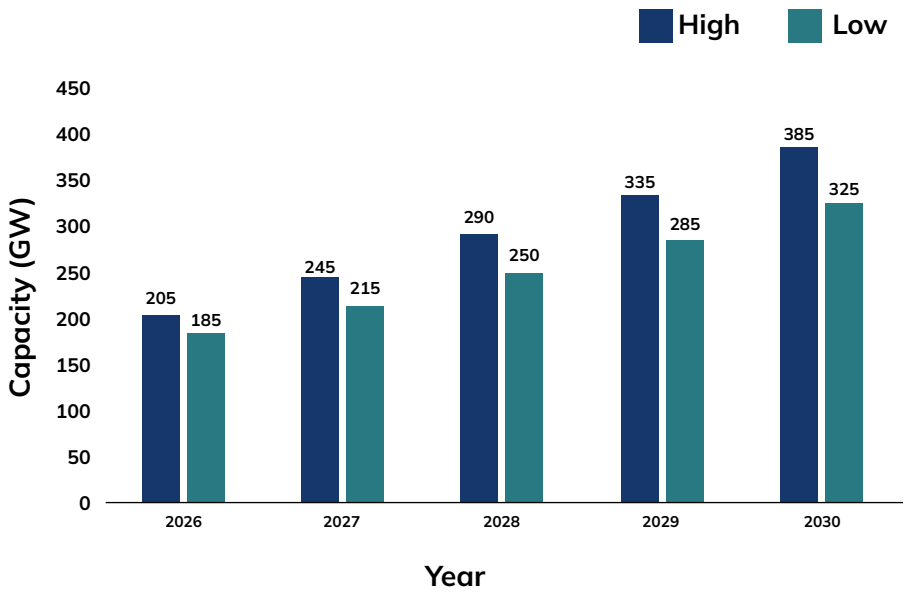


India Solar Manufacturing Capacity over the years



> India's solar capacity is projected to reach approximately **325–385 GW** by 2030, indicating a strong scale-up from current levels. Continued progress in transmission infrastructure expansion, energy storage deployment, and upstream manufacturing development will be critical in sustaining this growth trajectory and ensuring efficient integration of solar capacity into the power system.

Projected growth of Indian Solar Sector for 2030



Policy and Regulations

Central Policy & Regulatory

CEA

- Draft Installation and Operation of Meters (5th Amd) Regulations, 2025
- Draft Technical Standards for Construction of Electrical Plants and Electric Lines (2nd Amd) Regulations, 2025
- Technical Standards for Construction of Electrical Plants and Electric Lines Amdt. Regulations, 2025

CERC

- Draft Connectivity and GNA to the ISTS (4th Amd) Regulations, 2025.
- Draft Power Market (1st Amd) Regulations, 2025- reg.
- Sharing of Inter-State Transmission Charges and Losses (4th Amd) Regulations, 2025.
- Draft Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation (1st Amd) Regulations, 2025
- Connectivity and General Network Access to the ISTS (3rd Amd) Regulations, 2025.
- Cross Border Trade of Electricity (2nd Amd) Regulations, 2025
- Guidelines for Virtual Power Purchase Agreements

FOR

- Model Regulations on Verification of Status of Generating Plants and Captive Users
- Model Regulations for Multi Year Distribution Tariff

Grid-India

- Discussion Paper on Grid-Forming Technology and Possible Applications in the Indian Power System

MoP

- Guidelines for Installation and Operation of Battery Swapping and Charging Stations
- Draft Guidelines for designating a company as REIA
- Supplementary Guidelines for payment of compensation in regard to Right of Way (RoW) for transmission.
- Amendment in Standard Bidding Documents for procurement of Inter-StateTransmission Services through Tariff Based Competitive Bidding (TBCB) process
- Clarification regarding capping of RPO/RCO
- Electricity (Late Payment Surcharge and Related Matters) (Amendment) Rules, 2025-reg.
- Amendment in Standard Bidding Documents for procurement of Inter-StateTransmission Services through Tariff Based Competitive Bidding (TBCB) process
- VGF Scheme for development of BESS supported through PSDF
- Amendment in Standard Bidding Documents for procurement of Inter-StateTransmission Services through Tariff Based Competitive Bidding (TBCB) process
- Electricity (Transmission System Planning, Development and Recovery of Inter-State Transmission Charges) Amendment Rules, 2025
- Operational Guidelines for designating a company as REIA
- Transmission System Planning, Development and Recovery of Inter-State Transmission Charges Amd Rules, 2025
- VGF Scheme for development of BESS supported through PSDF
- URET Mechanism - dissolution of 'Solar power central Pool' and 'solar-wind Hybrid central Pool'
- Draft Gazette Notification on RCO under the Energy Conservation Act,2001
- Clarification on Renewable Generation obligation (RGO)
- Revision of Limit of Capital Expenditure of Hydro Generating Stations for concurrence by CEA
- Electricity (Amendment) Rules, 2025
- Draft amendments proposed in Rule 3 (i.e. Requirements of Captive Generating Plant) of Electricity Rules, 2025
- Revised Gazette Notification on RCO under the Energy Conservation Act, 2001
- Draft Electricity (Amendment) Bill, 2025

MNRE

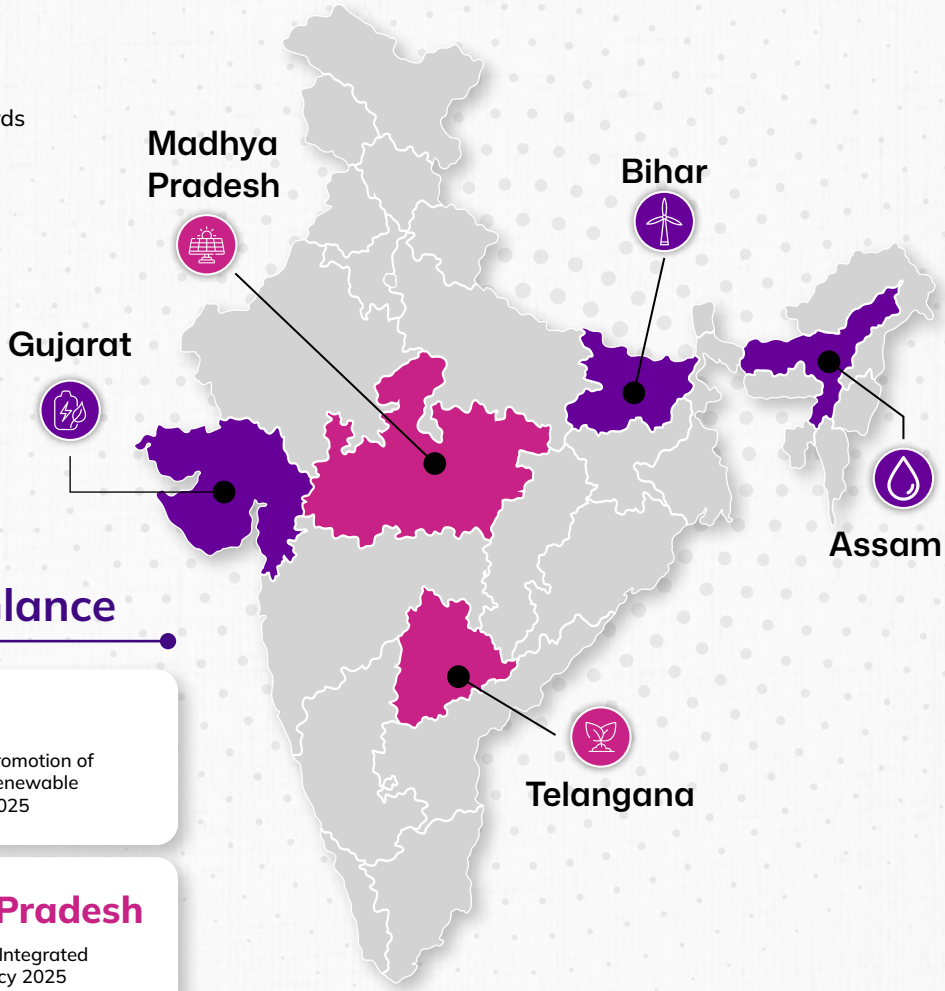
- Updated (06.01.2025) List-I under ALMM order for Solar PV Modules
- Updated (23.01.2025) List-I under ALMM order for Solar PV Modules
- Clarification in the Operational Guidelines for Implementation of PM Surya Ghar Muft Bijli Yojana for the component "CFA to residential consumers".
- Updated (17.02.2025) List-I under ALMM order for Solar PV Modules
- Updated (27.03.2025) List-I under ALMM order for Solar PV Modules
- Updated (21.04.2025) List-I under ALMM order for Solar PV Modules
- Amendment to ALMM Order regarding reduction of module efficiency thresholds for off-grid projects/ applications like solar lamps, solar lights, solar street lights, solar fans, etc.
- Approved List of Models and Manufacturers (ALMM): Clarification – reg.
- Updated (21.05.2025) List-I under ALMM order for Solar PV Modules
- Updated (05.06.2025) List-I under ALMM order for Solar PV Modules
- Waiver of Inter-State Transmission Charges for Energy Storage Systems (ESS)
- Amendment to 'Procedure for inclusion/ updating Wind Turbine Models in the Revised List of Models and Manufacturers of Wind Turbines (RLMM)'
- Revision in Waste to Energy Guidelines dated 02.11.2022, 28.02.2020 and 30.07.2018
- Revised Scheme Guidelines for setting up Hydrogen Valley Innovation Cluster (HVIC) and Green Hydrogen Hubs in India under National Green Hydrogen Mission (NGHM)
- Updated (30.06.2025) List-I under ALMM order for Solar PV Modules
- ALMM – Clarification dated 10.07.2025
- ALMM for Solar PV Cells – Amendment dated 28.07.2025
- ALMM – Clarification dated 28.07.2025
- FAQs on MNRE's O.M. dated 28.07.2025 regarding ALMM for Solar PV cells
- Wind Turbine Models included in the RLMM (i.e. renamed as Approved List of Models and Manufacturer (ALMM) – Wind) as per Amendment to RLMM procedure dated 31.07.2025 (As on 30.12.2025)
- ALMM LIST-II for Solar PV Cells – dated 31.07.2025
- Amendment to 'Procedure for inclusion/ updating Wind Turbine Models in the Revised List of Models and Manufacturers of Wind Turbines (RLMM)'
- Amendment to 'procedure for inclusion/ updating Wind Turbine Model in the Revised List of Models and Manufacturers of Wind Turbines (RLMM)
- Scheme Guidelines for innovative methods/pathways /applications in green hydrogen sector not covered in previous Mission schemes
- Clarification with respect to revised Guidelines for installation of prototype wind turbine models
- Guidelines for enlistment under "Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019": Amendment – reg.
- Approved List of Models and Manufacturers (ALMM): Clarification
- Updated (13.08.2025) List-I under ALMM order for Solar PV Modules
- Clarification to "Amendment to Procedure for inclusion/ updating Wind Turbine Models in the Revised List of Models and Manufacturers of Wind Turbines (RLMM)"
- Updated (12.09.2025) MNRE seeks Stakeholder Comments on Draft for ALMM for Wafers
- Updated (19.09.2025) List-I under ALMM order for Solar PV Modules
- 1st Revision of ALMM List-II for Solar PV Cells – dated 23.09.2025
- Administrative approval for supplementary budget of Rs.140 Crore for implementation of umbrella scheme of National Bioenergy Programme for duration of FY 2021-22 to 2025-26 (Phase-I)
- OM regarding extension in timeline of the Solar Park scheme
- Updated (13.10.2025) List-I under ALMM order for Solar PV Modules
- SOP for Approved List of Models and Manufacturers – Wind (AL.MM-Wind) and Approved List of Models and Manufacturers – Wind Turbine Components (ALMM-WTC)
- 2nd Revision of ALMM List-II for Solar PV Cells – dated 24.11.2025
- Selection Criteria of Projects to be Sanctioned under Supplementary Budget allocation of Rs. 140 Crore under National Bioenergy programme
- Updated (25.11.2025) List-I under ALMM order for Solar PV Modules
- MNRE seeks Stakeholder Comments on Draft for Increasing Threshold Solar PV Module Efficiencies for enlistment in ALMM List-I
- Amendment to 'SOP for Approved List of Models and Manufacturers – Wind (ALMM-Wind) and Approved List of Models and Manufacturers – Wind Turbine Components (ALMM-WTC)'
- 3rd Revision of ALMM List-II for Solar PV Cells – dated 15.12.2025
- Updated (22.12.2025) List-I under ALMM order for Solar PV Modules

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State Policy

Powering a Clean & Sustainable India

Five States leading the way towards a cleaner, greener and self-reliant energy future.



Key Policies at a Glance

Bihar

- Bihar Policy for Promotion of Bihar New and Renewable Energy Sources 2025

Madhya Pradesh

- Madhya Pradesh Integrated Clean Energy Policy 2025

Gujarat

- Gujarat Pumped Storage Project Policy - 2025
- Gujarat Integrated Renewable Energy Policy – 2025
- Gujarat Green Hydrogen Policy - 2025

Telangana

- Telangana Clean and Green Energy Policy 2025

Assam

- Assam Integrated Clean Energy Policy 2025



Our Vision

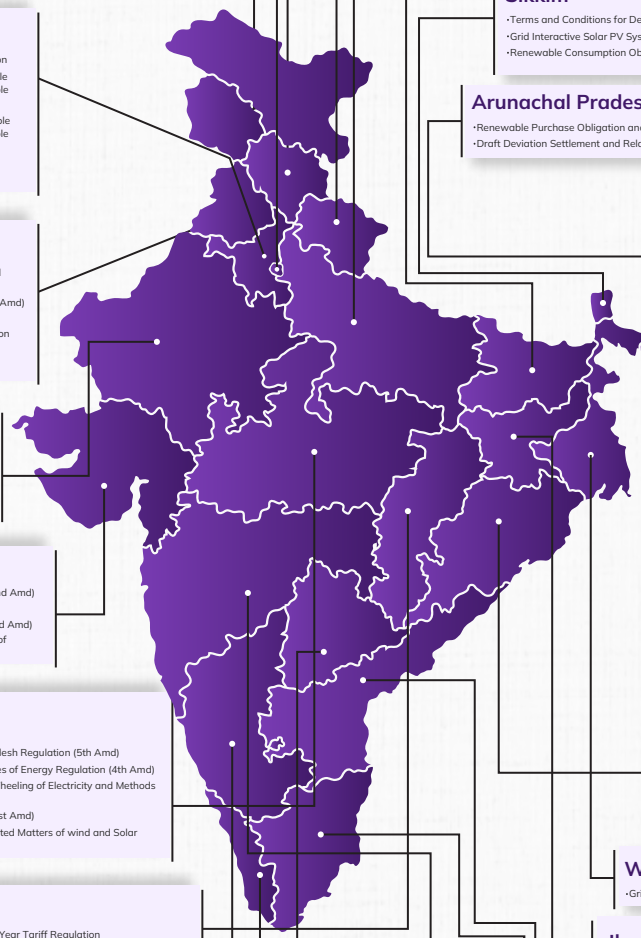
A sustainable energy ecosystem driven by innovation, investment and inclusive growth.

5 States

5 Integrated Policies

1 Sustainable Future

State Regulations



Jammu & Kashmir and Ladakh
- Generation, Transmission and Distribution, Multi Year Tariff Regulation

Himachal Pradesh
- Framework for Resource Adequacy Regulation
- Deviation Settlement Mechanism and Related Matters (2nd Amd) Regulation
- Electricity Grid Code Regulation

Delhi
- Net Metering for Renewable Energy Guidelines (1st Amd)
- Group Net Metering and Virtual Net Metering for Renewable Energy Guidelines (6th Amd)
- Renewable Purchase Obligation and Renewable Energy Certificate Framework Implementation Regulation
- Renewable Purchase Obligation and Renewable Energy Certificate Framework Implementation Regulation
- Group Net Metering and Virtual Net Metering for Renewable Energy Guidelines (7th Amd)

Haryana
- Deviation Settlement Mechanism and related matters Regulation
- Terms and Conditions fordetermination of Tariff from Renewable Energy Sources, Renewable Purchase Obligation and Renewable Energy Certificate Regulation (3rd Amd)
- Terms and Conditions for determination of Tariff from Renewable Energy Sources, Renewable Purchase Obligation and Renewable Energy Certificate Regulation
- Rooftop Solar Grid Interactive Systems Based on Net Metering Gross Metering, Regulation 2nd Amd

Punjab
- Grid Interactive Rooftop Solar Photo Voltaic Systems (2nd amd) Regulation
- Terms and Conditions for Intra- State Open Access (12th Amd)
- Terms and Conditions for Determination of Generation, Transmission, Wheeling and Retail Supply Tariff Regulation
- Deviation Settlement Mechanism and related matters Regulation

Rajasthan
- Terms and Conditions for Determination of Tariff Regulation
- Terms and Conditions for Green Energy Open Access Regulation
- Grid Interactive Distributed Renewable Energy Generating Systems (3rd Amd) Regulation

Gujarat
- Terms and Conditions for Green Energy Open Access Regulation (2nd Amd)
- Procurement of Energy from Renewable Sources Regulation
- Terms and Conditions for Green Energy Open Access Regulation (3rd Amd)
- Forecasting, Scheduling, Deviation Settlement and Related Matters of Solar and Wind Generation Sources Regulation (5th Amd)

Madhya Pradesh
- Power Quality Regulation
- Terms and Conditions for Intra-State Open Access in Madhya Pradesh Regulation (5th Amd)
- Cogeneration and Generation of Electricity from Renewable Sources of Energy Regulation (4th Amd)
- Terms and Conditions for Determination of Tariff for Supply and Wheeling of Electricity and Methods and Principlesfor Fixation of Charges Regulation (3rd Amd)
- Terms And Conditions For Determination Of Transmission Tariff (1st Amd)
- Forecasting, Scheduling, Deviation Settlement Mechanism and related Matters of wind and Solar Generating Stations Regulation (3rd Amd)

Chhattisgarh
- Terms and Conditions for determination of Multi-Year Tariff Regulation
- Terms and conditions for determination of tariff for Renewable Energy sources Regulation

Karnataka
- Procurement of Energy from Renewable Sources Regulation (11th Amd)
- Terms and Conditions for Open Access Regulation
- Regulations on Intra - State Deviations Settlement Mechansim and Related Matters
- Draft Forecasting, Scheduling, Deviation Settlement Mechanism and related matters for Sellers and Buyers of Wind, Solar and RE-Hybrid Generation sources Regulation
- Draft Roadmap for Reducing Cross-Subsidy and Cross Subsidy Surcharge Regulation
- Terms and Conditions for Tariff Determination from Renewable Energy Sources Regulation

Kerala
- Discussion paper on Regulatory Framework for Renewable Energy
- Draft Renewable Energy and Related Matters Regulation
- Draft Terms and Conditions for Determination of Tariff (3rd Amd) Regulation
- Terms and Conditions for Determination of Tariff (3rd Amd) Regulation

Telangana
- Rooftop Solar PV Grid Interactive Systems Regulation
- Draft Terms and Conditions of Open Access (1st Amd) Regulation

Uttrakhand
- Tariff and Other Terms for Supply of Electricity from Renewable Energy Sources and non-fossil fuel based Co-generating Stations (2nd Amd)

Uttar Pradesh
- MYT for Distribution and Transmission Tariff (3rd Amd) Regulation
- Multi Year Tariff for Distribution Regulation
- Terms and Conditions of Generation tariff Regulation
- Rooftop Solar PV Grid Interactive System Gross/ Net Metering) Regulation (3rd Amd)
- MYT for Transmission Regulation
- Captive and Renewable Energy Generating Plants Regulation

Bihar
- Renewable Purchase Obligation, its Compliance and REC Framework Implementation Regulation
- Consultative Paper and Draft Regulations for making Deviation Settlement Mechanism and Related Matters Regulation
- Terms and Conditions for Tariff determination from Renewable Energy Sources Regulation
- Consultative Paper and Draft Regulations for determination of generic levellised Tariff for FY 2025-26 for Power Generated from Renewable Energy Sources

Sikkim
- Terms and Conditions for Determination of Renewable Energy Tariff Regulation
- Grid Interactive Solar PV Systems(2nd Amd) Regulation
- Renewable Consumption Obligation and its Compliance Regulation

Arunachal Pradesh
- Renewable Purchase Obligation and its Compliance Regulation (3rd Amd)
- Draft Deviation Settlement and Related Matters Regulation

Assam
- Renewable Purchase Obligation and its Compliance Regulation
- Grant of Connectivity to the Intra State Transmission System Regulation
- Deviation Settlement Mechanism and Related Matters Regulation
- Terms and Conditions for Open Access Regulation

Nagaland
- RTS Grid Interactive System Net Metering (2nd Amd) Regulation

Tripura
- Draft Fuel and Power Purchase Price Adjustment Regulation
- Draft Grid Interactive Solar Rooftop Photovoltaic System under Gross/ Net Metering (1st Amd)

Meghalaya
- Rooftop Solar Grid Interactive Systems Based on Net Metering (1st Amd) Regulation
- Consultation Paper on the MSERC (Multi Year Tariff) Regulation
- Intra-State Deviation Settlement Mechanism and Related Matters Regulation
- Terms and Conditions for determination of Tariff for Generation from Renewable Energy Sources Regulation

Odisha
- Framework for Resource Adequacy Regulation
- Deviation Settlement Mechanism and Related Matters Regulation
- Amendment to the Order on Net Metering/Bi-Directional Metering & their Connectivity with respect to Solar PV Projects 2016
- Regulations on Implemenatation of Rooftop aero turbine with solar or without solar

West Bengal
- Grid Interactive Rooftop Solar Photovoltaic System for Prosumers Regulation

Jharkhand
- Rooftop Solar PV Grid Interactive System and Net/Gross Metering (6th Amd) Regulation
- Determination of Tariff for Procurement of Power from Solar PV Power Project and Solar Thermal Power Project Regulation
- Terms and Conditions for Determination of Transmission Tariff Regulation
- Terms and Conditions for Determination of Generation Tariff Regulation
- Terms and Conditions for Determination of Distribution Tariff Regulation

Andhra Pradesh
- Terms and Conditions for Tariff Determination from Renewable Energy Sources Regulation (1st Amd)
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- Grid Interactive Solar Rooftop Photovoltaic Systems under Net/Gross Metering Regulation (1st Amd)
- Terms and Conditions of Open Access Regulation. Regulation (2nd Amd)
- Planning Procurement Deployment and Utilisation of Battery Energy Storage Systems BESS Regulation
- Terms and Conditions for Tariff Determination from Renewable Energy Sources Regulation

Tamil Nadu
- Terms and Conditions for Green Energy Open Access Regulation
- Renewable Energy Purchase Obligation (Amd) Regulation

Maharashtra
- Draft Deviation Settlement Mechanism and Related Matters Regulation

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NSEFI continues to be recognised by leading national and international media for its leadership, innovation and impact in driving India's clean energy transition.















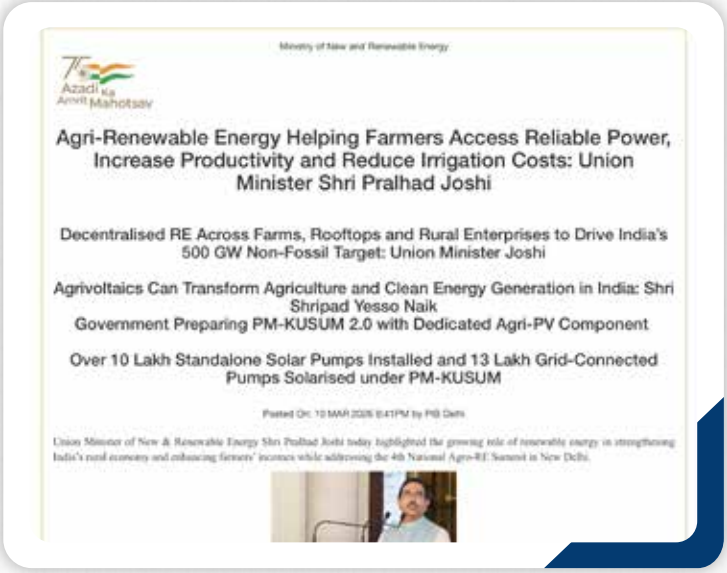







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NSEFI Hails GST Cut on Renewable Energy Equipment to 5%, Backs Faster Clean Energy Transition


Agri-Renewable Energy Helping Farmers Access Reliable Power, Increase Productivity and Reduce Irrigation Costs: Union Minister Shri Pralhad Joshi

Decentralised RE Across Farms, Rooftops and Rural Enterprises to Drive India's 500 GW Non-Fossil Target: Union Minister Joshi

Agrivoltaics Can Transform Agriculture and Clean Energy Generation in India: Shri Shripad Yesso Naik

Government Preparing PM-KUSUM 2.0 with Dedicated Agri-PV Component

Over 10 Lakh Standalone Solar Pumps Installed and 13 Lakh Grid-Connected Pumps Solarised under PM-KUSUM


Business Standard

Solar federation to govt: Extend transmission waiver charges by a year


Key role of agrivoltaics in rural economy stressed


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India: PV Industry Seeks Up To INR 25,000 Cr VGF For 50 GW Upstream Capacity

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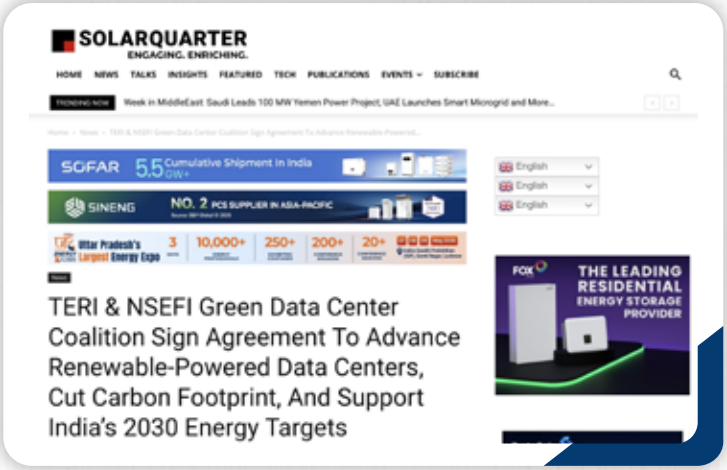
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By PTI


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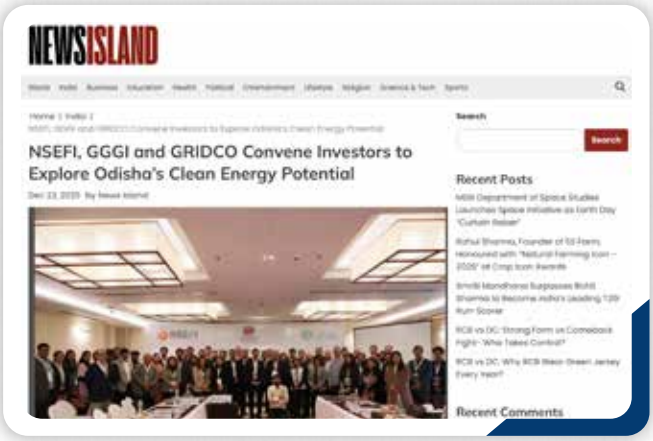

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TERI & NSEFI Green Data Center Coalition Sign Agreement To Advance Renewable-Powered Data Centers, Cut Carbon Footprint, And Support India's 2030 Energy Targets


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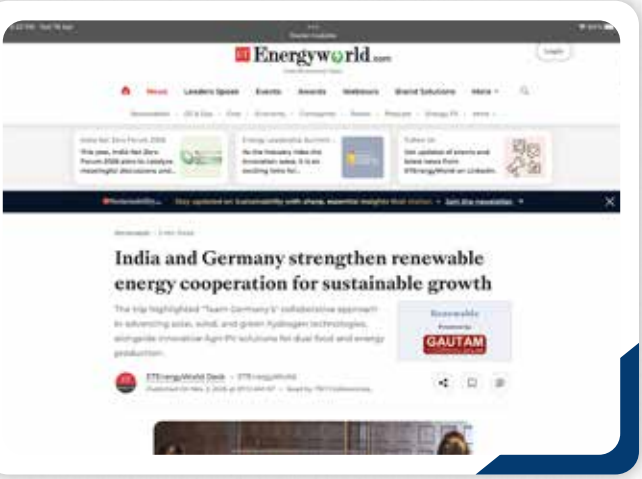

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TAX DEDUCTIONS


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दैनिक जागरण
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JABALPUR TODAY

INDIA WORLD BUSINESS POLITICAL SPORT ENTERTAINMENT HEALTH & LIFESTYLE SCI

NSEFI and Amazon host landmark Carbon-Free Energy Data Center Summit; Minister Shripad Yesso Naik leads inauguration

By Mansi Sharma | September 25, 2025 | India



एनएसईएफआई ने अमेज़न के साथ मिलकर कार्बन-मुक्त ऊर्जा डेटा सेंटर समिट का सफल आयोजन किया

नई दिल्ली, 25 सितम्बर (एजेंसियां) नेशनल सोलर एनर्जी फेडरेशन ऑफ इंडिया (एनएसईएफआई) ने अमेज़न के साथ मिलकर नई दिल्ली के द ललित में भारत के पहले कार्बन-मुक्त ऊर्जा डेटा सेंटर समिट का सफल आयोजन किया। इस ऐतिहासिक आयोजन में वरिष्ठ नीति निर्माता, नवीकरणीय ऊर्जा क्षेत्र और डेटा सेंटर उद्योग की प्रमुख हस्तियों ने भारत की सतत और कार्बन-न्यूट्रल डिजिटल अवसंरचना के लिए मार्ग प्रशस्त करने हेतु विचार-विमर्श किया। दीपक गुप्ता (आईएएस सेवानिवृत्त), माननीय महानिदेशक, एनएसईएफआई ने कहा, 'डेटा सेंटर किसानों के खेतों से सीधे सौर ऊर्जा प्राप्त कर सकते हैं या विकेंद्रीकृत



कृषि-फोटोवोल्टिक परियोजनाओं के माध्यम से हरित गुण प्राप्त कर सकते हैं। यह मॉडल विकास का एक सद्गुण चक्र बनाता है—डेटा सेंटर अपना कार्बन फुटप्रिंट कम करते हैं, किसान ऊर्जा उद्यमी बन जाते हैं, और ग्रामीण भारत डिजिटल अर्थव्यवस्था में हितधारक के रूप में उभरता है। डिजिटल उद्योग उदाहरण प्रस्तुत करके नेतृत्व कर सकता है, जो दर्शाता है कि स्थिरता और विकास हाथ में हाथ डालकर कैसे आगे बढ़ सकते हैं।'

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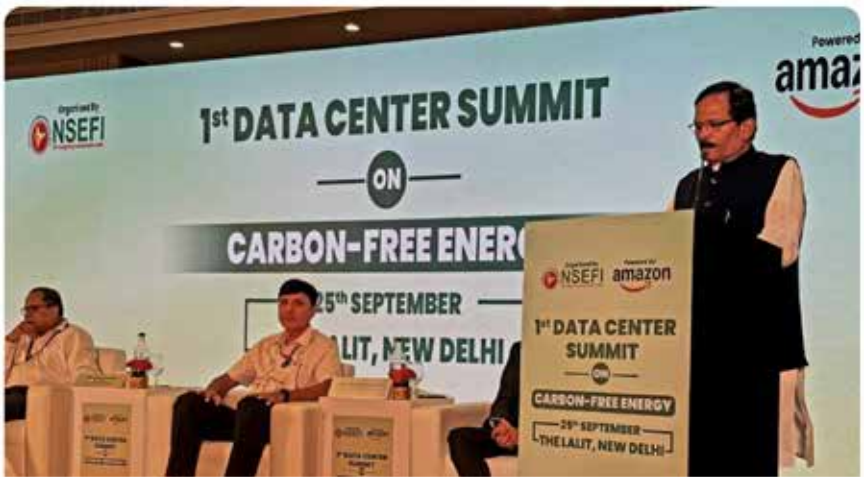
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New solar deployment guidelines to strengthen India's solar growth

At the Renewable Energy India Expo (REI Expo) 2025, SolarPower Europe and the National Solar Energy Federation of India (NSEFI) launched the second edition of their engineering, procurement, and construction (EPC) guidelines for India. The revised guidelines were drafted by over 60 experts from the Indian and European solar industries, and supported by the Indo-German Energy Forum Support Office (GIZ-SO). The report tracks India's solar growth, and outlines best practices to improve the quality of large-scale solar PV projects across the country.

OCTOBER 31, 2025 SOLARPOWER EUROPE

NEWS HEADS

Union Minister of State Shri Shripad Yesso Naik inaugurates "First Data Center Summit on Carbon-Free Energy" organized jointly by NSEFI and Amazon

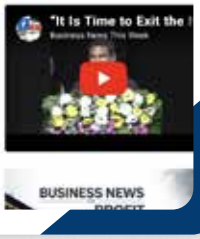


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NSEFI and Amazon Host First Data Center Summit on Carbon-Free Energy





NSEFI, GGGI and GRIDCO host Investor Dialogue on Odisha's Potential in Floating Solar and Pumped Storage Projects





Union Minister of State Shri Shripad Yesso Naik inaugurates "First Data Center Summit on Carbon-Free Energy" organized jointly by NSEFI and Amazon

Solar industry unveils plan to plant 10L Khejri trees by 2028

TIMES NEWS NETWORK



Ajitabh Sharma, additional chief secretary (Energy), at the event

Jaipur: As protests against large solar power projects continue to simmer in parts of Rajasthan, the state govt and the private sector are coming together to plant 10 lakh Khejri trees which are sacred to the local communities in the solar hubs like Jaisalmer, Bikaner and Barmer.

National Solar Energy Federation of India (NSEFI) and Rajasthan Solar Association launched the initiative on Friday, with a target to complete the plantation by 2028 with the help of funds from the private sector. The associations said that they will geo-tag all the trees and put them on the website to verify the authenticity of the initiative. In fact, while inaugurating the Bharat Solar Expo in Jaipur, Heeralal Nagar said that solar development and environment protection should go hand in hand.

While addressing the CEOs of the solar industry, Ajitabh Sharma, additional chief secretary (Energy), said that the govt is keen to support the initiative. "The industry has to come forward, and the department is there to extend all help to ensure that the concerns of the local communities are addressed," he said on the sidelines of the industry.

He said, "Sustainable growth has to be inclusive and include the local communities. As a govt, we are excited to participate and take the initiative to its logical end."

Drawing inspiration from the sacrifice of Amrita Devi Bishnoi, the mission aims to revive Rajasthan's tradition of community-led ecological stewardship, while integrating native afforestation into renewable energy development.

"Measures such as geo-tagged plantations and data-based audit reports are expected to strengthen ESG compliance, improve investor confidence and reduce project risks arising from environmental objections," said Suman Kumar, vice chairman of NSEFI. According to project documents, the plantation drive is designed to complement solar generation rather than compete with it. While a 1 MW solar plant helps avoid 1,200–1,500 tonnes of carbon emissions annually, Khejri plantations can reduce 2–8 tonnes of carbon dioxide per hectare every year over a 30-year period.

Officials and experts say the combined approach could create a net-negative carbon impact while also restoring biodiversity.

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Trade Tensions Flare? Subrahmanyam Pulipaka, Indian National Solar Energy Fed CEO, on What's Next for US-India Solar After 126% Tariffs

The ruling is still preliminary, @SubbuPulipaka told RT India's @osamashaab – noting that he is 'cautiously optimistic' for reduced tariffs.





'India set to be world's second largest solar market in 2026'

New Delhi: India is poised to become the World's second-largest solar market in 2026 in terms of annual installation, the National Solar Energy Federation of India (NSEFI) said on Wednesday. India has achieved its fastest-ever addition of 50GW in just 14 months, it said.

Foreign secy Misri in Berlin, to discuss trade, investment

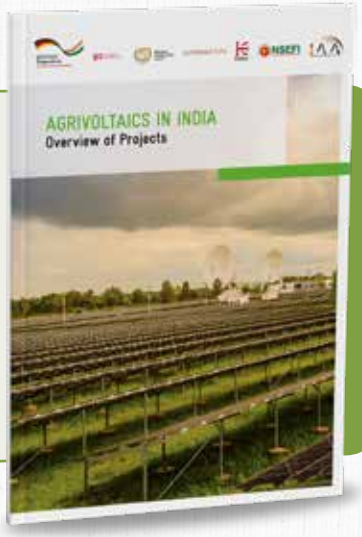
London: Foreign secretary Vikram Misri reached Berl on Tuesday where he will hold talks with German officia on trade, investment, defence, security, technology, gre energy and other key global and regional developmen "Foreign Secretary @VikramMisri arrives in Berlin

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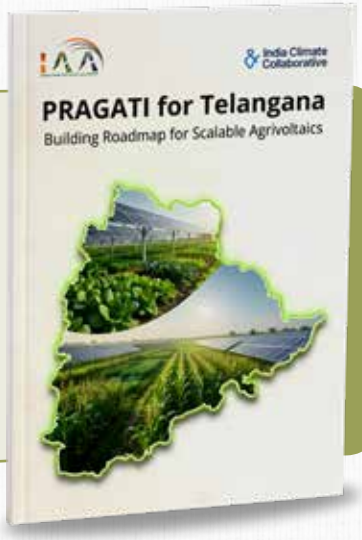
01

Agrivoltaics in India



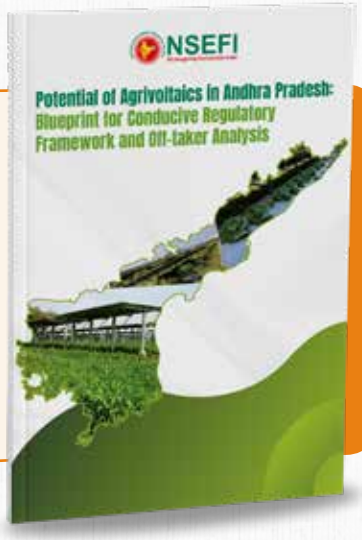
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Pragati for Telangana



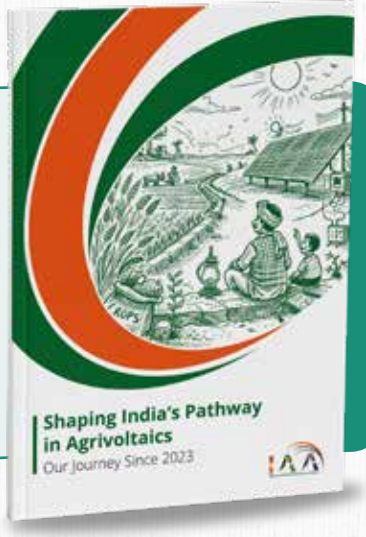
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Potential of Agrivoltaics in Andhra Pradesh



04

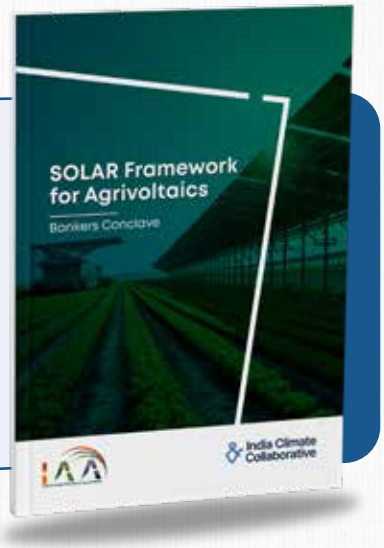
Shaping India's Pathway in Agrivoltaics





05

Solar Framework for Agrivoltaics



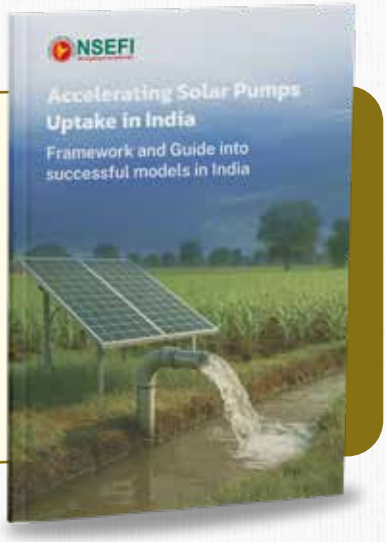
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Engineering Procurement & Construction



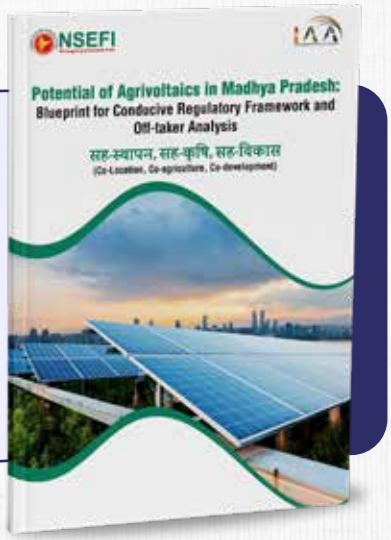
07

Accelerating Solar Pumps Uptake in India



08

Potential of Agrivoltaics in Madhya Pradesh



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