

ODISHA RENEWABLE ENERGY INVESTOR CONCLAVE 2026

PROJECTS, PARTNERSHIPS, PROGRESS

12th-13th February, 2026 | 9:30 AM - 5:30 PM

Mayfair, Bhubaneswar



Background Note

Odisha is entering a decisive phase in its clean-energy transition—moving from policy ambition to large-scale project execution. Backed by strong political commitment, a clear policy framework, and one of India's most diverse renewable resource bases, the state is positioning itself as Eastern India's leading destination for renewable energy and energy storage investments, aligned with the *Viksit Odisha 2036* and *Viksit Bharat 2047* vision.

The Odisha Renewable Energy Policy (OREP), 2022 provides the strategic backbone for this transformation, with a target of 10.96 GW of renewable energy capacity by 2030. The policy offers streamlined approvals, single-window facilitation, assured offtake mechanisms, and competitive fiscal incentives—making Odisha one of India's most investment-ready clean-energy markets. GRIDCO Limited, through its Renewable Energy Nodal Agency (RENA) Cell, is driving implementation, investor facilitation, and the operationalisation of a diversified renewable and storage portfolio.

A. Deep, Bankable Project Pipeline

Over the past two years, Odisha has transitioned decisively from planning to execution, with nearly 2 GW of renewable energy projects approved for development across multiple technologies. Building on this momentum, the state has assembled a strong, diversified pipeline of bankable projects, supported by clearly identified sites, defined bidding frameworks, and institutional mechanisms for facilitation and approvals. This pipeline spans floating solar, pumped storage, battery storage, wind, and distributed renewable energy, as outlined below—positioning Odisha for the next phase of large-scale investment and project delivery.

- **Floating Solar Photovoltaic (FSPV):** Odisha hosts one of India's largest floating solar opportunities, with an estimated 33 GW of potential. GRIDCO is advancing a pipeline exceeding 5,000 MW, including the 225 MW Upper Indravati FSPV project and 900 MW of integrated FSPV–BESS projects across six medium reservoirs. Innovative mechanisms—such as premium-based captive bidding at Rengali, reservoir-level allocation committees, and dedicated FSPV guidelines—are enabling transparent, time-bound, and investment-ready project development.
- **Pumped Storage Projects (PSP):** Pumped storage is a central pillar of Odisha's long-duration energy storage strategy, with 18.1 GW of identified potential across 36 sites leveraging favourable topography and existing hydro assets. GRIDCO is advancing 1,200 MW of state-identified PSP capacity through tariff-based competitive bidding, alongside allocation of self-identified sites to private developers, creating a strong near-term investment pipeline. Flagship projects such as Mukhiguda (600 MW), Balimela (500 MW), and Upper Kolab (600 MW) are

at advanced stages, supported by dedicated screening mechanisms, transaction advisory support, and clearly defined bidding timelines—enabling bankable, time-bound, and scalable PSP development in Odisha.

- **Battery Energy Storage Systems (BESS):** Complementing hydro-based storage, Odisha has allocated 500 MWh of BESS capacity supported by Viability Gap Funding (VGF) through the Power System Development Fund. Six grid-scale BESS projects—located at Narendrapur, Tentulikhunti, Padampur, New Bolangir, Basta, and Bhatli—are under progress in partnership with SECI, creating early-stage bankable opportunities in grid-support storage.
- **Wind Energy:** Wind is also emerging as a new growth vertical. Wind Resource Assessments have identified six high-potential zones, with 493.5 MW already approved under Phase I, supported by a power offtake guarantee up to 500 MW—a first-of-its-kind assurance in India. Phase II, proposing an additional 500 MW, is under consideration, positioning Odisha to reach 1 GW of approved wind capacity.
- **Distributed and Demand-led Renewable Energy:** Odisha is also scaling decentralised and market-driven RE. Three cities have been selected under MNRE's City Accelerator Programme for implementation of PM Surya Ghar: Muft Bijli Yojana, accelerating rooftop solar adoption. On the demand side, GRIDCO has already mobilised 600 MW of renewable procurement interest from industrial consumers, with cluster-based demand aggregation underway in Jagatpur and Rourkela to unlock captive and group-captive projects.

In parallel, Odisha is expanding its renewable energy portfolio by advancing 93.95 MW of small hydro projects through a tariff-based competitive bidding (TBCB) process, with tenders currently under implementation. The state is also actively pursuing agrivoltaics (Agri-PV) as a land-efficient growth pathway, supported by recent MoUs with leading national and international academic institutions to develop scalable implementation models. In the biomass and waste-to-energy segment, Odisha has progressed from planning to execution, with a waste-to-energy plant recently commissioned by the Rourkela Municipal Corporation, underscoring the state's commitment to circular-economy-based clean-energy deployment.

Together, these initiatives reflect a comprehensive, future-ready clean-energy ecosystem—spanning generation, storage, transmission readiness, and industrial offtake.

B. Purpose of the Conclave

The **Odisha Renewable Energy Investor Conclave 2026** is being convened at a moment when project pipelines are defined, approvals are advancing, and investment decisions are imminent. Building on the successful Wind Investor Meet (2023) and Solar Investor Conclave (2024), this third edition shifts the focus decisively to integrated renewable energy and storage deployments.

The Conclave is designed as a project-centric, execution-oriented platform to:

- Present investment-ready project pipelines across FSPV, PSP, and BESS. Highlight open and upcoming bids, site-specific opportunities, and evolving business and financing models
- Facilitate focused technology-specific discussions, enabling in-depth engagement on project structuring, risk allocation, and implementation pathways
- Enable direct B2G engagement to address approvals, timelines, transmission readiness, and risk mitigation
- Strengthen partnerships across the value chain—developers, OEMs, financiers, utilities, and industrial offtakers—to accelerate project implementation

With strong institutional leadership, clear policy signals, and visible on-ground progress, Odisha is ready to scale. The Conclave marks a critical step in translating this momentum into large-scale investments, technology partnerships, and timely project execution, reinforcing Odisha's position as Eastern India's clean-energy growth engine.

AGENDA

DAY 1 | 12.02.2026

09:30 AM – 10:30 AM
Registration

10:30 AM – 11:30 AM
Inaugural Session

- ❖ Welcome address and context setting by **Dr. Chandra Bhushan, CEO & President, International Forum for Environment Sustainability and Technology (iFOREST)**
- ❖ Presentation on ‘Scaling Renewable Energy in Odisha: Project Pipeline and Strategic Vision’ by **Dr. Satyapriya Rath, IAS, Managing Director, GRIDCO Limited**
- ❖ Opening address by **Shri Bhaskar Jyoti Sarma, IAS, Chairman-cum-Managing Director, Odisha Power Transmission Corporation Limited**
- ❖ Special address by **Shri Vishal Kumar Dev, IAS, Principal Secretary, Department of Energy**
- ❖ Guest of honour address by **Shri Santosh Kumar Sarangi, IAS, Secretary, Ministry of New and Renewable Energy**
- ❖ Guest of honour address by **Smt. Anu Garg, IAS, Chief Secretary, Government of Odisha**
- ❖ Chief guest address by **Shri Kanak Vardhan Singh Deo, Hon'ble Deputy Chief Minister, Government of Odisha**

Session design:

The inaugural session will set the strategic vision for Odisha’s renewable energy transition, highlighting the State’s journey from policy formulation to large-scale project execution. It will underscore Odisha’s strong political and institutional commitment, its evolving investment-ready project pipeline, and the enabling policy and regulatory framework, while clearly signalling investment opportunities, implementation readiness, and timelines across key renewable energy and energy storage segments—positioning Odisha as a leading destination for clean energy investments in Eastern India.

Key announcements would include:

- *Announcement of all open and upcoming RE tenders*
- *Launch of City Accelerator Programme (PM Surya Ghar)*
- *Release of Odisha RE Project Pipeline Compendium*

11:30 AM – 12:00 PM
Tea Break

12:00 PM – 01:00 PM

Odisha’s Floating Solar PV projects *From Waterbodies to MWs*

Presentation by GRIDCO on FSPV project pipeline

Key speakers:

- Shri Lingaraj Gouda, Engineer-in-Chief, P&D, WR-cum-Chairman of Reservoir Committee
- Roli Agarwal, Investment Officer - International Finance Corporation
- Dr Alok Das, Group CEO, KP Group of Companies
- Mr. Sanjay Banga, CEO and Managing Director, TPREL

- Mr. Rahul Mishra, Country Head, Sungrow FPV
- Mr. Prashant Choubey, President, Avaada Group
- Mr. Deepak Ushadevi, MD & CEO, Ciel & Terre

Moderated by Mr. Pankaj Kumar, Co-founder and Director, Quant Solar

Session design:

Session will focus on reservoir-wise project pipeline; as well as on project development experiences with allocation models, bid structures, timelines; and EPC, OEM, and financing readiness/concerns.

01:00 PM – 02:00 PM (Networking Lunch)

02:00 PM – 03:00 PM

Pumped Storage Projects in Odisha
Unlocking Long-Duration Storage

Presentation by GRIDCO on PSP project pipeline

Key speakers:

- Shri Amaya Kumar Mohanty, Director (Operations), OHPC
- Shri Prasanta Kumar Pattanaik, Director (Operation), OPTCL
- Shri Gurdeep Singh, CMD (additional charge), NEEPCO
- Mr. Naresh Telgu, COO - PSP & Hydro, Adani Green Energy Limited
- Mr. Anil Kumar Chalamalasetty, Chief Executive and MD, Greenko Group
- Mr. Sajjan Jindal, Chairman and Managing Director, JSW Renewables

Moderated by Kaushik, iFOREST

Session design:

Session will focus on Odisha based PSP opportunities; timelines, approvals, and transmission readiness; revenue models and long-duration storage economics.

03:00 PM – 03:45 PM

Battery Storage for Odisha
Bankable Projects & Grid Needs

Presentation by GRIDCO on project pipeline

Key speakers

- Shri Akash Tripathi, IAS, Managing Director, SECI
- Juniper Green Energy
- Mr. Rishi Kumar, Director, Patanjali Renewables
- Mr. Alok Singhal, Senior Vice President, Pace Digitek
- Mr Hitesh Doshi, Chairman and Managing Director, Waaree Energies
- Shri Pradeep Kumar Dash, Director (Projects), OPTCL

Moderated by Mr. Debmalya Sen, President, India Energy Storage Alliance (IESA)

Session design:

Session will focus on BESS project pipelines, technology choices, grid requirements, and bankable bid structures.

03:45 PM – 05:30 PM
One-on-One & Facilitation Clinics

Pre-scheduled B2G meetings by appointment

Focus on project Facilitation & Approvals

- Anchored by Department of Energy and GRIDCO (RENA Cell)

Session design:

Session will focus on prescheduled meeting for

AGENDA

DAY 2 | 13.02.2026

10:30 AM – 11:15 AM

PM Surya Ghar: Muft Bijli Yojana & City Accelerator Program

From Policy to Rooftops: Scaling India's Largest Distributed Solar Programme

Key Speakers

- Mr. Gajanan S. Kale, CEO, TPNODL
- Mr. Mohammad Rihan, Director General, NISE
- Mr. Shuboday Ganta, Director, EY
- State Level Bankers Committee, Odisha
- Shri Aditya Pratap Singh, Director, MNRE
- Mr. Jiginath Pradhan, Senior CPM, REC
- Mr. Managovinda Mishra, MD, Solar Sack
- Mr. Nihar Panda, MD, Genii Engineering & Services Pvt Ltd.
- Mr. Devesh Sharma, CEO, INOX Solar

Moderator: Shakti Sustainable Energy Foundation

Session design

A solution-oriented dialogue focusing on last-mile implementation of PM Surya Ghar, addressing operational challenges, banking and financing bottlenecks, OEM approaches, and perspectives from both consumers and developers to enable rapid and scalable rooftop solar deployment.

11:15 AM – 11:30 AM
Tea Break

11:30 AM – 12:00 PM

Small Hydro Electric Projects (SHEP)

Revitalising a Legacy Renewable Segment

Key Speakers

- M/s Meenakhi Power Ltd.
- M/s Avantika Power Projects Private Limited
- M/s Kakatia Industries Pvt. Ltd.
- Shri Satya Narayan Agrawal, CMD, Bhoruka Power Corporation Ltd
- GRIDCO
- Shri Sagar Mohanty, Engineer-in-Chief, Water Resources
- Engineer-in-Chief (Electricity)-cum-Principal Chief Electrical

Moderator: iFOREST

Session design

Focused discussion on operational and regulatory challenges impacting SHEP development, including financing, approvals, modernization, and developer perspectives, with emphasis on unlocking stalled and future small hydro opportunities.

12:00 PM – 12:30 PM

Biomass & Waste-to-Energy

From Feedstock to Finance

Key Speakers

- Shri Gaurav Mishra, Scientist-F, MNRE
- Ms. Dheenah Dastageer, Commissioner, Rourkela Municipal Corporation
- Housing & Urban Development Department
- Mr. Sunil Dhingra, Managing Director, Bio Trend Energy Pvt. Ltd.

- Mr. Puneet Arya, President, Pallet Manufacturing Association of India
- Dr. Remya Neelancherry, IIT Bhubaneswar

Moderator: Mr. Asutosh Nayak, CEO, Koel Fresh

Session design

The session will focus on scaling biomass and waste-to-energy projects in Odisha, with emphasis on feedstock availability, technology readiness, project bankability, operational challenges, and priority interventions required to catalyse private investment.

12:30 PM – 01:15 PM

Rural Renewable Energy – Agri-PV and PM-KUSUM
Enhancing Farm Incomes through Solar

Key Speakers

- GRIDCO
- Mr. Vivek Saraf, CEO, SunSeed APV
- Mr. Manish Khare, Managing Director, Khare Energy Pvt. Ltd.
- MSEDCL
- GIZ
- TERI

Moderator: Mr. Subrahmanyam Pulipaka, CEO, NSEFI

Session design

A focused dialogue on scaling rural renewable energy through Agri-PV and PM-KUSUM, highlighting bankable project models, farmer aggregation, financing mechanisms, institutional roles, and priority actions required for effective on-ground deployment.

01:15 PM – 02:00 PM

Renewable Energy Procurement by Industrial & Commercial Consumers
Market Signals, Mandates, and Pathways

Format: Roundtable Discussion

Participants (Indicative):

- Captive Power Producers (CPPs)
- Industrial & Commercial (C&I) Consumers

Moderator: GRIDCO (RENA)

Session design

An interactive roundtable with 20–25 major CPPs and C&I consumers focusing on emerging procurement mandates, available procurement pathways, compliance frameworks, and the role of GRIDCO in enabling scalable and cost-effective renewable power procurement.

Participants will be invited to submit written inputs and recommendations.

02:00 PM onwards
Closing Remarks & Networking Lunch
