

WEEKLY NEWSLETTER

Power Regulatory & Policy:



30 November to 06 December 2025

RERC notifies 3rd amendment to its Distributed RE Generating Regulations, 2025, introduces VNM and GNM

Amendment adds Virtual and Group Net Metering, simplifies approvals, waives charges, supports up to 1 MW; domestic systems ≤10 kW exempt from feasibility study.

UPERC Clears Tariffs for 129.2 MW PM-KUSUM C-2 Solar Projects

UPERC approved PPAs and tariffs for 129.2 MW decentralized solar under PM-KUSUM C-2 at ₹2.48–₹2.99/kWh. The order validates 46 PPAs by UPPCL and stresses timely feeder-level solarization.

Noida adding 2.2k connections each month, 120 MW power demand annually

Noida adds 2,200 new connections monthly, increasing demand by 120 MW yearly. With 4.5 lakh consumers and expanding use, over ₹1,000 crore is invested through 2027 to upgrade power infrastructure.

KSEB reduces fuel surcharge: Kerala electricity consumers to pay less in December.

KSEB cut December 2025 fuel surcharge to 5 paise/unit (monthly) and 8 paise/unit (bimonthly), down from 10 paise, reducing statewide electricity bills and addressing concerns after the surcharge cap revision.

Green Power to Play Major Role in India's Energy Mix by 2047: MNRE Secretary

MNRE Secretary S.K. Sarangi said green power will be central to India's 2047 energy mix, supported by floating solar, agri-PV, and Green Energy Corridors. India's capacity exceeds 500 GW, with 51% non-fossil sources.

UPERC Clears Tariffs for 129.2 MW PM-KUSUM C-2 Solar Projects

UPERC approves PPAs and tariffs for 129.2 MW decentralized solar under PM-KUSUM C-2 at ₹2.48–₹2.99/kWh, validating 46 PPAs and urging faster feeder-level solarization.

MNRE Plans VGF-Backed Floating Solar + Storage Scheme on Reservoirs

MNRE plans a floating solar plus battery storage scheme on reservoirs, seeking ₹7,000–8,000 crore VGF. With 300 GW potential, the concept was presented by Secretary S.K. Sarangi on December 4, 2025.

Andhra Pradesh Announces Major Clean Energy Push with Solar Rollout and 5,000 EV Charging Stations

Andhra Pradesh announced a major energy reform plan including solar rollout on government buildings, 5,000 EV chargers, 1,000 e-buses, reduced transmission losses, and 4,792 MW under PM-KUSUM, 150 MW from rooftops encouraging consumer participation and subsidies.

MERC directs Indian Railways to meet cumulative RPO Shortfall by end of FY 2025-26

MERC ordered Indian Railways to meet cumulative RPO shortfalls, including solar, non-solar, and mini/micro hydro by FY 2025-26, aligning with extended deadlines given to other obligated entities

MNRE, Finance Ministry Discuss New Scheme for Floating Solar and Agrivoltaics

MNRE is discussing a new scheme with the Finance Ministry to promote floating solar and agrivoltaic projects. These land-efficient technologies will help meet India's renewable targets of 500 GW by 2030 and 1,800 GW by 2047.

India Advances Atomic Energy Bill 2025; SMR Development Moves Into High Gear

India finalizes the Atomic Energy Bill 2025 while accelerating SMR development with ₹20,000 crore support. BARC is designing three SMR types, with demo units targeted within 60–72 months after approval.

RVNL Secures ₹145 Crore Traction Power Contract from Southern Railway

Rail Vikas Nigam (RVNL) received a Letter of Award for a ₹145.35 crore project for Scott-connected traction substations, power quality equipment, and switching posts for a 2x25 kV system in the Jolarpettai Junction-Salem Junction section of Southern Railway's Salem Division. The 18-month initiative includes SCADA and automatic fault locators to support Mission 3000 MT loading targets, enhancing railway power infrastructure

MNRE Urges States to Use Vacant Government Rooftops for Solar Under PM Surya Ghar Scheme

MNRE instructed states to install rooftop solar on unused government buildings under PM Surya Ghar. Government buildings get no CFA, while households receive up to ₹30,000/kWp to promote clean energy access.

MERC directs MSEDCL to refund INR 60.96 lakh and restore net metering for Kolhapur.

MERC ordered MSEDCL to refund ₹60.96 lakh and reinstate net metering in Kolhapur after wrongful gross metering bills. It mandates corrections, credit for solar generation, and strict compliance.

UERC Issues 2nd Amendment to Electricity Supply Regulations, 2025

UERC's Second Amendment expands renewable tariff rules to include BESS, updates canal-based solar benchmark costs, and allows scheme-specific tariffs, reflecting declining solar module prices now at USD 0.066/Wp.

Rajasthan Cabinet approves construction of 2,300 MW power projects jointly with SCCL

Rajasthan cleared 2,300 MW of new power projects—1,500 MW solar and 800 MW thermal—in partnership with SCCL and RRVUNL. The deal boosts energy security for Rajasthan and Telangana and marks SCCL's first green venture outside Telangana.

West Bengal to Commission 660 MW Supercritical Unit at Sagardighi on December 10

West Bengal will commission its 660 MW supercritical thermal unit at Sagardighi on December 10, 2025. Built for over ₹4,567 crore, it will power 1.67 million families and create roughly 26,000 jobs.

RVNL Secures ₹145 Crore Traction Power Contract from Southern Railway

Rail Vikas Nigam (RVNL) received a Letter of Award for a ₹145.35 crore project involving design, supply, erection, testing, and commissioning of Scott-connected traction substations, power quality equipment, and switching posts for a 2x25 kV system in the Jolarpettai Junction-Salem Junction section of Southern Railway's Salem Division. The 18-month initiative includes SCADA and automatic fault locators to support Mission 3000 MT loading targets, enhancing railway power infrastructure

"Noida adding 2.2k connections each month, 120 MW power demand annually"

Noida's electricity demand is rising by about 120 MW a year, driven by 2,200 new monthly connections and expanding residential, commercial, and industrial use. With 4.5 lakh consumers and ongoing infrastructure upgrades, over ₹1,000 crore is being invested through 2027 to meet the city's growing power needs.



Technology :

AP Clears India's First 6 GW Solar Ingot-Wafer Manufacturing Plant by ReNew

Andhra Pradesh has approved ReNew Photovoltaics' ₹3,990-crore, 6 GW solar ingot-wafer plant in Rambilli—India's first integrated facility of its kind. Built under the PLI scheme, it aims to cut import dependence, create 1,200 jobs, and begin operations by early 2028, growing demand.

US DOE to fund small modular reactors

The US Department of Energy will provide up to \$800 million to support development of two small modular reactor projects by TVA and Holtec, aiming to advance cleaner, flexible nuclear power.

MSEDCL accelerates smart metering, HT billing meters to be upgraded within three days

Maharashtra State Electricity Distribution Company Limited (MSEDCL) is pushing a fast-track upgrade of metering infrastructure, with a specific focus on accelerating smart metering and quickly replacing existing high-tension (HT) billing meters.

Defence Minister Rajnath Singh Inaugurates NTPC's 3.7 MW Solar-Hydrogen Plant at Chushul, Ladakh

Rajnath Singh inaugurated NTPC's 3.7 MW solar-hydrogen microgrid at Chushul, Ladakh, providing 200 kW continuous clean power to remote Army posts. Built in eight months, it replaces diesel generators, cuts fuel transport, lowers emissions, and strengthens energy security in extreme high-altitude conditions.

MNRE issues draft proposal to raise minimum efficiency threshold for solar PV modules

The Ministry of New and Renewable Energy (MNRE) issued a draft proposal on November 28, 2025, seeking stakeholder comments by December 27, 2025, to raise minimum efficiency thresholds for solar PV modules in the ALMM List-I, aiming to reflect manufacturing advancements and exclude obsolete tech.

Odisha Explores Wind and Tidal Energy Potential Ahead of GELS 2025

Odisha is assessing coastal wind and tidal energy opportunities. NIWE estimates over 12 GW wind potential across key districts, while tidal sites are being reviewed. Officials also highlighted rare earth resources and investment prospects.

India's Rooftop Solar Capacity Set to Reach 25–30 GW by FY27

India's rooftop solar capacity is projected to hit 25–30 GW by FY27, supported by incentives and PM Surya Ghar. Installations reached 22 lakh homes, with a record 4.9 GW added in Jan–Sep 2025.

India Launches Major Push for Solar Irrigation with Up to 90% Subsidy

India launched a major solar irrigation initiative under PM-KUSUM Component-B and state schemes, offering farmers up to 90% subsidy on field-based solar systems to replace diesel and reduce grid dependence.

India Targets 60–80 GW RE from C&I Developers by 2030

MNRE Secretary Santosh Kumar Sarangi stated C&I developers are expected to contribute 60–80 GW renewable capacity by 2030, supported by rising demand and state-driven RE initiatives.

Karnataka Crosses 25.6 GW RE Capacity; 14,000+ Rooftop Systems Installed

Karnataka has reached 25.7 GW renewable capacity, over 10% of India's total. More than 14,000 PM Surya Ghar rooftop systems have provided subsidised solar power to 22,000+ households as part of nationwide adoption efforts.

India's Renewable Manufacturing Capacity Surges; Solar Output Exceeds 116 GW

India's renewable sector is growing strongly, with solar PV module manufacturing capacity surpassing 116 GW as of October 31, 2025, supported by PLI schemes and government-led incentives.

Bondada Engineering Commissions 48.47 MWp Solar Projects Across India

Bondada Engineering commissioned 48.47 MWp solar projects for Paradigm IT, MAHAGENCO, and NLC India across Maharashtra and Tamil Nadu, demonstrating strong technical capability, timely delivery, and adherence to strict safety and performance standards.

KPI Green Energy Secures ₹489 Crore Floating Solar EPC Order from GSECL

KPI Green Energy won a ₹489.17 crore EPC contract to build a 142 MW floating solar project at Kadana Dam, with 10-year O&M. The order boosts KPI's floating solar entry and aligns with its strong FY26 revenue and profit growth.

Southern States Lag in Rooftop Solar on Government Buildings: MNRE

Despite large renewable portfolios, Tamil Nadu and Karnataka installed only 13.64 MW and 33.68 MW rooftop solar on government buildings. MNRE cites budget, coordination, and procurement gaps despite strong solar viability for public institutions.

GreenH2 INDIA Expands in Southern India via Partnership with Champak Investments

GreenH2 INDIA partnered with Champak Investments to expand clean energy and hydrogen solutions across southern India. The collaboration supports India's 2030 green hydrogen goals and builds on GreenH2's global clean energy project portfolio.

India Plans New Scheme to Boost Floating Solar and Agrivoltaics

India is designing a new MNRE-led scheme to accelerate floating solar and agrivoltaic deployment, reducing land dependence and supporting national targets of 500 GW by 2030 and 1,800 GW by 2047 through grid upgrades and emerging low-cost technology.

Senvion India & KP Group to Develop 2,000 MW Wind and Hybrid Projects

Senvion India and KP Group formed a partnership to develop 2,000 MW of wind and wind-solar hybrid projects over three years. KP handles land and permits, while Senvion provides turbines to speed execution and support renewable targets.

Sterling & Wilson Renewable Energy Secures Rs 1,381 Crore Order from Adani Green

Sterling & Wilson Renewable Energy has secured a ₹1,381 crore BOS order from Adani Green for three solar projects at Khavda, along with a new 5-year strategic partnership. With this 1 GW award, the company's FY26 order inflows now exceed ₹6,450 crore. Its stock rose over 5% following the announcement.

Telangana State to Procure 3,000 MW Solar Power for Five Years

Telangana has approved procurement of 3,000 MW of solar power through competitive bidding over five years to meet RCO targets. The phased plan will integrate solar via ISTS/InSTS networks, with TGREDCO coordinating and SBICAPS advising, supporting the state's clean energy and carbon reduction goals.

International:

ACWA Power closes \$5.9 billion renewables financing

ACWA Power and partners have closed \$5.9 billion in debt financing for seven large-scale renewable projects totaling 15 GW in Saudi Arabia, with power offtake by the Saudi Power Procurement Company.

Bangladesh to boost power imports from Nepal to 60MW

Bangladesh will raise hydropower imports from Nepal to 60MW via Indian transmission lines at 6.40cents/unit. Both nations plan further cooperation on renewables, including rooftop solar, EV charging, and alternate cross-border routes.



Investment and Funding

Apraava Energy Raises ₹801 Crore to Deploy 2 Million Smart Meters Under RDSS

Apraava Energy has obtained ₹801 crore in financing from BII and Standard Chartered to install about 2 million smart meters across multiple states under RDSS. The project aims to reduce distribution losses, improve grid reliability, and support renewable integration.

Insolation Green Energy Wins ₹516 Crore Solar Module Supply Orders

Insolation Green Energy has secured solar PV module supply orders worth ₹516.05 crore, including a ₹357 crore N-Type TOPCon order from a major IPP and ₹159.05 crore in PM-KUSUM project orders in Andhra Pradesh. Deliveries are planned for FY 2025-27, strengthening its market position.

IndiGrid to Acquire Gadag Transmission ISTS Project from ReNew for ₹372 Crore

IndiGrid will acquire 100% of Gadag Transmission, a BOOM ISTS asset in Karnataka, from ReNew and partners for ₹372 crore. The 187 ckm line and 1,000 MVA substation evacuate ~2,500 MW solar power, funded via equity, accruals, and debt.

ADB Clears \$650 Million Loan to Expand India's Rooftop Solar

ADB has approved a \$650 million loan to support the PM Surya Ghar rooftop solar scheme, helping 10 million households adopt solar through subsidies, low-interest loans, and uniform standards, boosting India's clean energy transition.

TG aims to generate one lakh MW power

Telangana's government is advancing ambitious power generation plans under its Vision 2047 document, targeting 139 GW capacity by 2047 to support a \$3 trillion economy, with a strong emphasis on renewables like solar, wind, and hydel to meet rising demand projected at eightfold growth. Recent approvals include a Rs 4,051 crore underground cabling project for Hyderabad's metro zone to modernize distribution and enhance reliability.

Power Trading :

IEX Power Trade Volume Rises Over 17 Percent to 11,409 Million Units in November

Indian Energy Exchange (IEX) recorded electricity traded volume of 11,409 million units (MU) in November 2025, up 17.7% year-over-year, driven by a 40.2% rise in Real-Time Market volume to 4,233 MU and strong Term-Ahead Market growth. Day-Ahead Market volume edged up 0.3% to 5,668 MU, while 4.74 lakh Renewable Energy Certificates were traded.



Research and development :

Advanced Nuclear Could Supply 28% of India's Power Demand by 2050: Study

A Rockefeller Foundation-backed study finds India could add 168–328 GW of next-generation nuclear by 2050, meeting up to 28% of demand. Advanced reactors would provide firm zero-carbon power, easing grid stress and lowering system costs by 10–21%.



Stocks and Shares

NLC India Adds 106 MW in Barsingsar Solar Project, Advances Toward 10 GW Goal

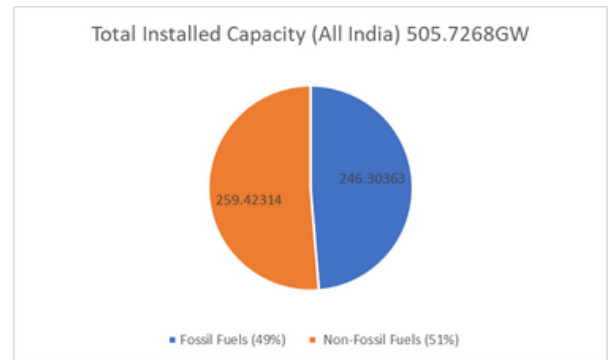
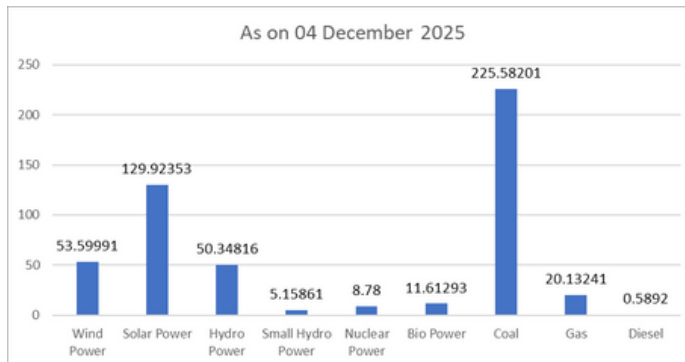
NLC India commissioned 106 MW of its 300 MW Barsingsar solar project, taking operational capacity to 158.83 MW. Its renewable arm plans a ₹4,000 crore IPO to fund expansion toward a 10 GW target by 2030.

JK Cement Raises Stake in Wind SPV to 28.97% for Captive Green Power

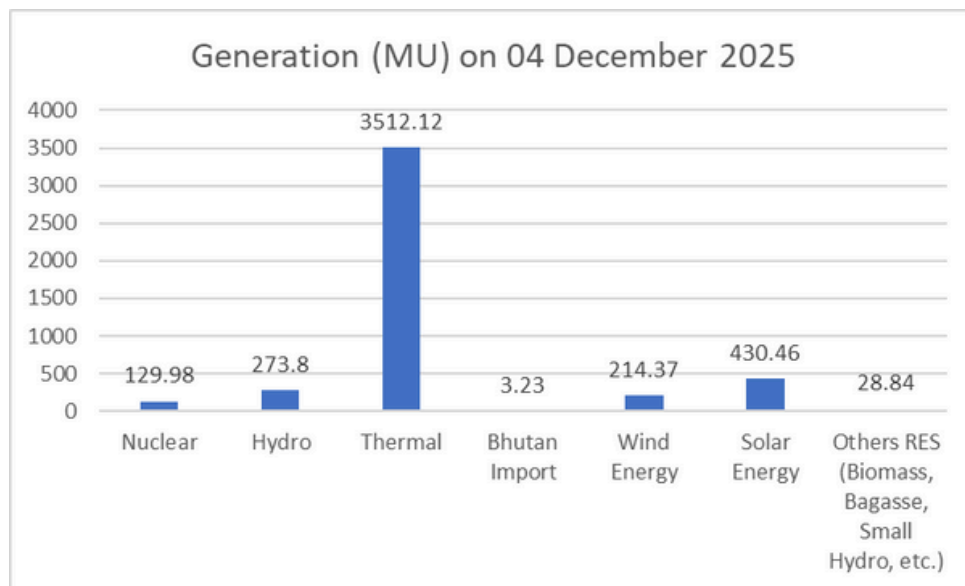
JK Cement increased its stake in O2 Renewable Energy V to 28.97% by acquiring 12.21% from JSW Neo Energy for ₹51.93 million. The investment supports a 22 MW group-captive wind project in Karnataka, advancing JK Cement's green-power targets.

Facts & Figures:

Installed Capacity (GW)



Generation (GWh) on 04 December 2025



Power Exchange Market Snapshot

(30 November to 06 December 2025)

Day Ahead Market (DAM)

Day Ahead Market Snapshot: Avg. MCP (06 December'25):
Rs. 4.04/kWh



Green Day Ahead Market (GDAM)

Green Day Ahead Market Snapshot: Avg. MCP (06 December'25): Rs. 4.55/kWh

