WEEKLY NEWSLETTER

13 to 19 October 2025

Power Regulatory & Policy :

Supreme Court Caps Regulatory Assets at 3% of ARR, Orders Time-Bound Clearance to Strengthen Power Sector Discipline
In a landmark judgment, the Supreme Court has directed electricity regulatory commissions to cap regulatory assets at 3% of the annual revenue requirement (ARR) and liquidate them within three to four years. The order, responding to petitions by Delhi's discoms, aims to curb decades of unchecked cost deferrals that have strained utilities' finances—estimated nationally at ₹1.7 trillion. The court emphasized cost-reflective tariffs, transparency, and strict accountability, mandating APTEL to monitor compliance under Section 121 of the Electricity Act, 2003.

India to Tighten Renewable Energy Rules, Align Grid Compliance for Renewables with Conventional Power
The Central Electricity Regulatory Commission (CERC) plans to impose stricter grid discipline on renewable energy producers from April 2026, tightening deviation limits annually until 2031. The new framework will penalize solar and wind generators for mismatches between scheduled and actual supply, aligning them with coal and gas plants. Studies suggest wind projects could lose up to 48% of revenue and solar 11% under the new formula. The move aims to improve grid stability but is expected to raise project costs as developers invest in better forecasting tools and battery storage systems.

SEBI Cracks Down on CERC Officials for Insider Trading in IEX Shares
SEBI has accused two Central Electricity Regulatory Commission (CERC) officials and associates of insider trading in Indian Energy Exchange (IEX) shares and derivatives before the July 2025 "market coupling" policy announcement that caused a 29.6% price crash. The regulator ordered 13 individuals to return ₹1.73 billion in illicit gains and banned them from trading.

India's CEA Targets 100 GW Nuclear Power by 2047 for Net-Zero Goal
The Central Electricity Authority (CEA) released a roadmap for 100 GW of nuclear power capacity by 2047, which is essential for enabling large-scale renewable integration, boosting grid security, and supporting India's commitment to achieve Net-Zero by 2070.

RERC Opens Solar Access Beyond Rooftops with Virtual and Group Net Metering
RERC's new regulations introduce Virtual and Group Net Metering, enabling shared solar use without rooftops, faster approvals, and exemptions from surcharges to boost decentralized renewable adoption.

Goa Electricity Dept Halts Power Connections to Unauthorized Buildings
The Goa Electricity Department has banned new power connections for unauthorized structures, enforcing a Bombay High Court directive requiring valid construction and technical clearance to curb illegal building electricity misuse.

Renewable

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Major Indian Ports Designated as Green Hydrogen Hubs to Boost Clean Energy Mission
India formally recognized Deendayal (Gujarat), V.O. Chidambaranar (Tamil Nadu), and Paradip (Odisha) Ports as Green Hydrogen Hubs under the National Green Hydrogen Mission, a key step to establish an integrated hydrogen ecosystem and achieve the nation's 2070 net-zero goal.

Avaada to Invest ₹36,000 Crore in Gujarat's Renewable Energy Projects
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Sailing toward sustainability: IIT Madras explores floating wind farms
IIT Madras is seeking bids from consultants for a techno-commercial feasibility study on floating offshore wind farms in India, assessing potential and economic viability. The bidding process closes October 28, 2025.

Insolation Energy Expands Solar Portfolio with Two New SPVs
Insolation Energy's subsidiary incorporated two new SPVs—DJEM Green Infra and NRGE Green Infra—to handle solar power development, installation, and O&M, reinforcing the company's expansion strategy in India's growing renewable energy sector.

JSW Energy Targets 14–20 GW Capacity by FY30 with 70% Renewable Share
JSW Energy plans to expand its capacity to 14–20 GW by FY30, aiming for a 70% renewable portfolio through projects like O2 Power integration, battery storage, and strategic thermal optimization.

Bondada Engineering commissions 78.3 MW solar projects across multiple states
Bondada Engineering commissioned 78.3 MW of solar projects in Tamil Nadu and Maharashtra for NLC, Paradigm IT, and Mahagenco, overcoming monsoon challenges and supporting India's renewable energy goals.

GAIL to Set Up CBG Plant in Bengaluru Under 25-Year Concession Agreement
GAIL signed a 25-year tripartite agreement with GBA and BSWML to establish a CBG plant in Haralakunte, Bengaluru. The project will process 300 tons of waste daily, producing 12.6 tons of CBG.

NHPC Commissions 300 MW Karnisar Solar Project in Rajasthan
NHPC has fully commissioned its 300 MW Karnisar Solar Project in Bikaner, Rajasthan, supplying power to Punjab under a 25-year agreement, boosting India's renewable energy capacity.

India Installs Record 29.5 GW Solar Capacity in Jan-Sept 2025
India installed 29.5 GW solar and 4.96 GW wind capacity in first nine months of 2025, with utility-scale solar growing 70.3% YoY, rooftop solar 81.6%, amid 247.3 GW total renewables.

ACME Solar commissions first phase of 100 MW wind project in Gujarat
ACME Solar commissioned the first 28 MW phase of its 100 MW wind project in Surendranagar, Gujarat, boosting its total operational capacity to 2,918 MW.

Insolation Energy Expands Solar Portfolio with New Subsidiary JHVG Green Infra
Insolation Energy's subsidiary has launched JHVG Green Infra Pvt. Ltd. to focus on solar project development, installation, and consultancy—enhancing its presence in India's rapidly growing renewable energy market.

UPRVUNL, Coal India to Set Up ₹2,500-Crore, 500 MW Solar Plant in Jalaun
UPRVUNL and Coal India will jointly develop a 500 MW solar plant in Jalaun with ₹2,500 crore investment under Uttar Pradesh's Solar Energy Policy 2022

BC Jindal Group Secures ₹6,500 Crore Renewable Projects in FY26
BC Jindal Group's renewable arm, JIRE, has secured ₹6,500 crore in renewable projects totaling 750 MW for FY26, targeting 5 GW capacity by 2030 through solar, wind, hybrid, and FDRE projects

DRDO, SECI Sign MoU to Develop 300 MW Solar Projects Across Defence Establishments
DRDO and SECI signed an MoU to develop 300 MW of solar projects across DRDO campuses, aiming for Net-Zero, self-reliant facilities by 2027 under the Defence and Renewable Energy ministries.

Sterling & Wilson RE Secures ₹1,772 Crore in New Solar EPC Projects Across India and South Africa
Sterling & Wilson Renewable Energy bagged three major solar EPC projects—363 MWp in Rajasthan, 580 MWp in Uttar Pradesh, and 115 MWp in South Africa—totaling ₹1,772 crore and boosting FY26 order inflows to ₹3,775 crore.

Punjab Launches $77M Hybrid Power Project
Punjab Launches Green Revolution with $77 Million Nabha Power Hybrid Project, Creating 500 Jobs. The L&T subsidiary will convert its Rajpura thermal plant to a hybrid solar model by 2026, reducing pollution by 15% and anchoring the state's push for clean energy and industrial growth.

Power & Generation :

Fuel loading at India's first fast breeder reactor in Kalpakkam to begin next week
Fuel loading at India's first prototype fast-breeder reactor in Kalpakkam is set to begin next week. This marks a significant step for India's nuclear program. The 500 MWe reactor, developed by BHAVINI, will be the second of its kind globally. Once operational, it will advance India's three-stage nuclear strategy, utilizing spent fuel to power future thorium-based reactors.

RECPDCL Transfers SR WR Power Transmission SPV to Power Grid Corporation of India Ltd.
Power Grid Corporation acquired SR WR Power Transmission Ltd from RECPDCL after winning the TBCB bid. The ₹1,007 crore project links Maharashtra and Karnataka through a 765 kV double-circuit ISTS line.

Power Utilities Prepare To Meet Rising Demand In Telangana
Telangana's power utilities (TGSPDCL/Transco) are preparing for a 20,000 MW peak demand by installing 3,866 new distribution transformers and upgrading existing units. This extensive drive aims to ensure an uninterrupted supply before the upcoming summer.

India unveils $77 billion hydro plan as China builds upstream dam
India is set to invest 6.4 trillion rupees in a massive transmission plan. This initiative aims to harness over 76 gigawatts of hydroelectric power from the Brahmaputra basin by 2047. The plan focuses on developing numerous projects in the northeastern states. This move is crucial for meeting India's growing electricity demand and reducing reliance on fossil fuels.

Jindal Power to acquire 1,350 MW Jhajjar thermal plant from Apraava Energy
JPL acquires Apraava Energy's 1,350 MW Jhajjar thermal plant in Haryana for ₹4,000 crore. This strategic deal also covers Apraava's renewable and transmission subsidiaries. strengthens JPL's base-load electricity generation portfolio.

India panel urges faster nuclear approvals, fuel security to meet 100 GW goal
A government panel has urged India to accelerate nuclear project timelines, secure long-term uranium supplies, and expand reprocessing capacity to meet its ambitious 100 GW nuclear target by 2047. Recommendations include faster approvals, domestic and foreign uranium sourcing, and utilizing advanced foreign reactor designs alongside indigenous ones.

PVUNL's First 800 MW Unit Clears Load Test, Nears Commercial Operation
Patratu Vidyut Utpadan Nigam Ltd's first 800 MW unit has cleared its 72-hour load test, marking a key milestone toward commercial power generation and boosting Jharkhand's power infrastructure.

Mahesh Sharma Takes Charge as NHPC Director (Finance)
Mahesh Kumar Sharma has assumed the role of Director (Finance) at NHPC. With over 25 years in the company, he brings extensive experience in finance, corporate accounts, treasury, and regulatory frameworks, including leadership roles at NHPC Renewable Energy Ltd.

Tripura govt to improve power transmission system
Tripura has upgraded its transmission network, expanded substations, and extended underground cabling. The Rokhia Gas Plant is being converted to combined cycle, while an 800 MW pumped storage project and rooftop solar initiatives aim to strengthen supply and renewables.

International :

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Australian Minister Chriss Bowen to Hold High-Level Energy Talks in India, Building on Recent Defence Accords.
Australian Energy Minister Chris Bowen is visiting India this week for the inaugural Renewable Energy Partnership Ministers Meeting and the 5th Energy Dialogue, following a recent defence agreement. This trip aims to strengthen bilateral collaboration in clean energy, power, and strategic Indo-Pacific partnership.

India-Africa Summit Deepens Green Energy Ties, Focus on Solar & Green Hydrogen
India and Africa are strengthening a strategic partnership for clean energy transition, leveraging Indian expertise in solar, wind, and green hydrogen technology, backed by significant investments, to boost Africa's energy security and drive global decarbonisation.

India-Egypt Strategic Dialogue Strengthens Cooperation in Renewables, EVs, and Technology
India and Egypt held their first strategic dialogue to enhance cooperation in renewable energy, electric vehicles, fintech, and defence, with Egypt inviting Indian investments in the Suez Canal Economic Zone.

Norwegian Fund Invests $20 Million in IPO-Bound SAEL
EIB Global commits $60 million to India Energy Transition Fund targeting $300 million for renewable energy, efficiency, storage, EVs, and circular economy, supporting India’s decarbonization goals.

New Investor Guide on Indigenous Lands Launches to De-Risk Energy Transition Projects
The US Sustainable Investment Forum launched a new investor guide on Indigenous Peoples' Day (Oct 13) in Washington, D.C., to help global investors manage financial risks from energy transition projects on Indigenous lands.

KEC International Secures ₹1,174 Crore T&D Orders Across India and Saudi Arabia
KEC International bagged ₹1,174 crore in new Transmission & Distribution orders, including ±800 kV HVDC and 765 kV lines in India and 380 kV projects in Saudi Arabia, raising its year-to-date order book to ₹14,000 crore.

Virgin Media O2 Signs 10-year PPA for UK Wind Power
Virgin Media O2 has agreed to a long-term Power Purchase Agreement (PPA) with The Renewables Infrastructure Group (TRIG) to source about 15% of its electricity from UK wind farms (Earlseat in Scotland and Garreg Lwyd in Wales).

Australia Floats Tender for 5 GW Renewable Energy Projects
Australia has invited bids for 5 GW of renewable energy projects in the National Electricity Market as part of the seventh tender under the Capacity Investment Scheme (CIS)

Indian Solar Firms Restructure Supply Chains to Offset US Tariffs
Vikram Solar and Waaree Energies are adjusting supply chains to bypass high US tariffs, sourcing solar cells from low-duty countries and ensuring compliance as trade investigations and tariff challenges intensify.

Bidding & PPA :

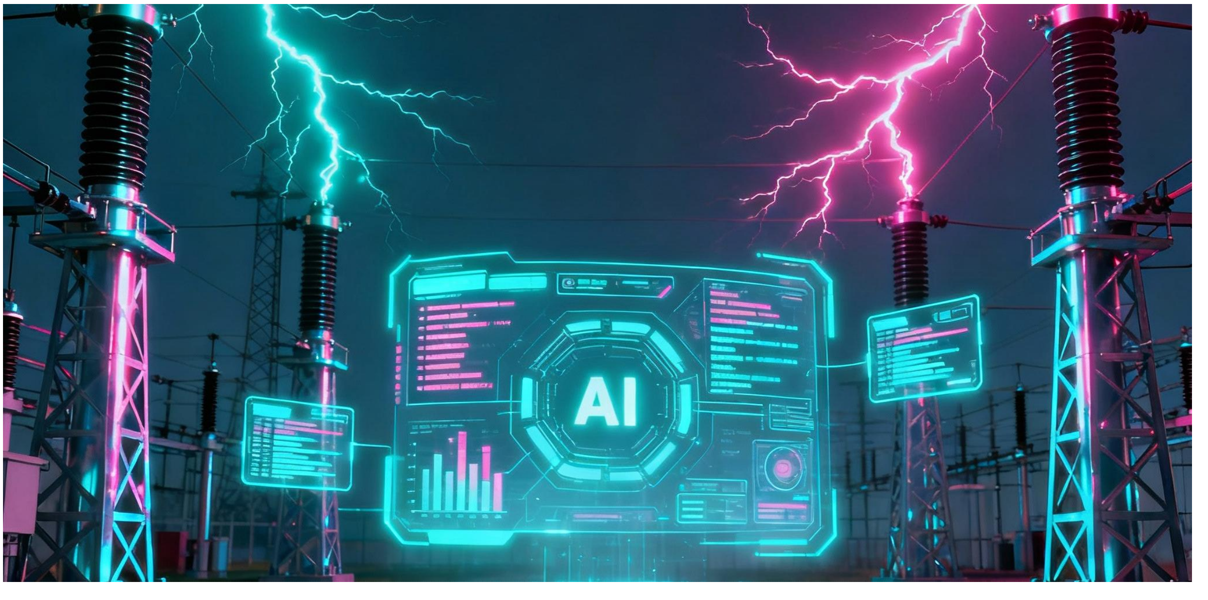
DMRC Invites Bids for 500 MU Renewable Power with Co-located Battery Storage
The Delhi Metro Rail Corporation (DMRC) has issued a tender for 500 million units of renewable power from an ISTS-connected captive generating plant that must include a Battery Energy Storage System (BESS).

Bridge and Roof Floats E-Tender for 600 MW Solar Project in Gujarat
Bridge and Roof Co. (India) Ltd has invited bids for a 600 MW solar PV project at NTPC’s Renewable Energy Park, Rann of Kutch, Gujarat, including EPC and 3-year O&M support.

SAIL to Auction Over 12,000 Tons of Crude Coal Tar
SAIL subsidiaries will auction 12,486 tons of crude coal tar in October 2025, including a rescheduled Rourkela Steel Plant auction with increased quantity of 9,500 tons.

Serentica Renewables signs PPA to develop 170 MW hybrid project for MRF
Serentica Renewables signed a long-term PPA with MRF Limited to develop a 170 MW hybrid renewable energy project under the captive model. The project will supply round-the-clock solar and wind power to MRF’s manufacturing units via the inter-state transmission system, with both firms sharing equity through a special purpose vehicle.

ACME Solar Signs 25-Year PPA with Tata Power for 50 MW FDRE Project
ACME Solar secured a 25-year PPA with Tata Power for a 50 MW firm and dispatchable renewable project, integrating solar with BESS at ₹4.43/unit. The deal ensures reliable peak-hour supply and strengthens ACME’s 2,890 MW renewable portfolio.



Technology, Research & Development :

DMRC Invites Bids for 500 MU Renewable Power with Co-located Battery Storage
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Transforming India with AI: ₹10,300 Crore Investment & 38,000 GPUs
IndiaAI Mission invests ₹10,300+ crore over five years, deploying 38,000 GPUs, powering innovation with 6 million tech jobs and expected $1.7 trillion AI economic boost by 2035.

Andhra Pradesh Taps Cheap Renewables and River-Linking to Power Data Centre Expansion: Nara Lokesh
Andhra Pradesh is leveraging low-cost renewable energy, thermal power optimization, and Godavari river-linking to cut power prices by 13%, positioning the state as a competitive hub for data centre growth.

Investment & Funding :

EnerGrid Plans $500M Fundraise for Greenfield Transmission and BESS Projects in India
Enerica Regrid Infra Pvt Ltd (EnerGrid), a platform launched by IndiGrid, BII, and Norfund, is seeking to raise $450–500 million ($3,992-4,436 crore). The funds will be used to bid for and develop new greenfield transmission and Battery Energy Storage System (BESS) projects across India, which will eventually be acquired by IndiGrid.

J&K Hydro Projects Face ₹5,738 Cr Cost Overrun and Major Delays, MoSPI Report Flags Slow Progress
A MoSPI Flash Report found four J&K hydroelectric projects—Pakal Dul, Kiru, Rattle, and Kwar—are facing a combined cost overrun of ₹5,738 crore. All four NHIDCL projects have missed deadlines, with Pakal Dul's cost surging by ₹4,616 crore and completion pushed to late 2026.

Kosol Energie signs MoU for Rs 520 billion for renewable energy projects in Gujarat
Kosol Energie signed a ₹520 billion MoU at the Vibrant Gujarat Regional Conference to develop solar, green hydrogen, and green ammonia projects. The investment will fund large-scale renewable energy parks, advanced manufacturing units, and R&D centers, boosting Gujarat’s clean energy infrastructure and innovation.

EIB Global Invests in India's Energy Transition Fund
EIB Global commits $60 million to India Energy Transition Fund targeting $300 million for renewable energy, efficiency, storage, EVs, and circular economy, supporting India’s decarbonization goals.

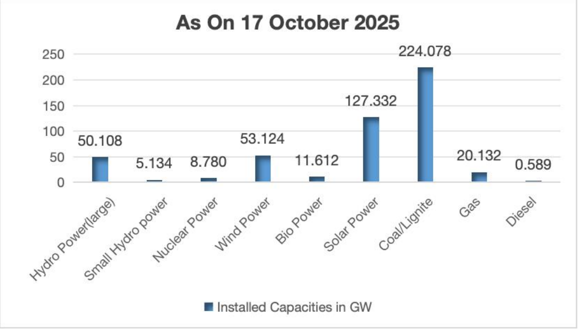
EAAA Alternatives Plans ₹400 Billion Investment in India’s Clean Energy by 2030
EAAA Alternatives aims to invest ₹400 billion in India’s clean energy by 2030, targeting 8 GW projects. Backed by $60 million from EIB, its Transition Fund eyes $300–500 million total.

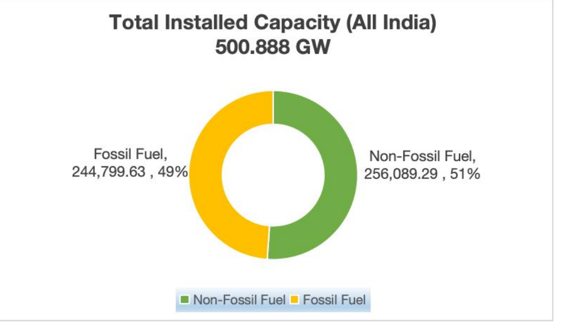
Power Trading :

Andhra Pradesh Taps Cheap Tripura Explores Power Exports to Nepal Amid Ongoing Supply to Bangladesh
Tripura, an electricity-surplus state, plans to export power to Nepal, pending Central government approval. The state currently supplies over 100 MW to Bangladesh, with potential to increase to 250 MW, reinforcing its regional power trading role.The state is investing ₹935 crore (with World Bank support) in energy projects focused on efficiency and capacity building.This includes upgrading the Rokhia power project with advanced Combined Cycle Gas Turbine (CCGT) technology. This upgrade aims to double power generation using the same amount of natural gas, addressing concerns over depleting gas reserves.

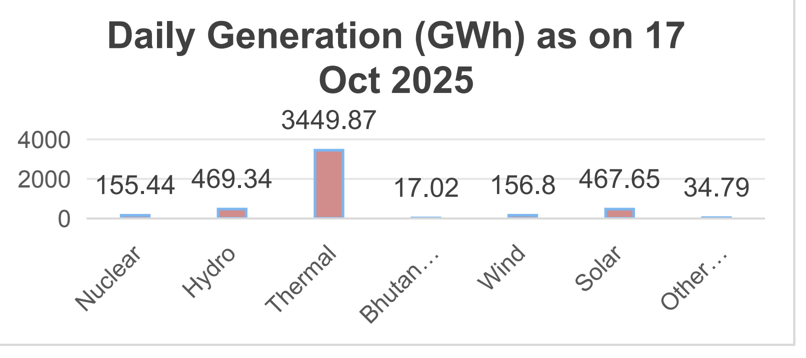
Facts and Figures :

Installed Capacities (GW)



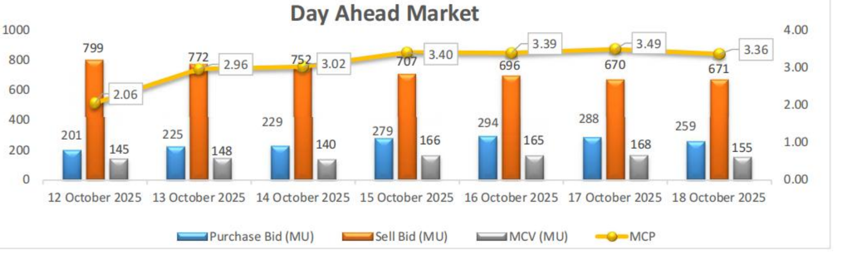


Generation (GW)



Power Exchange Market Snapshot (18-10-2025)

Day Ahead Market(DAM)



Green Day Ahead Market(GDAM)