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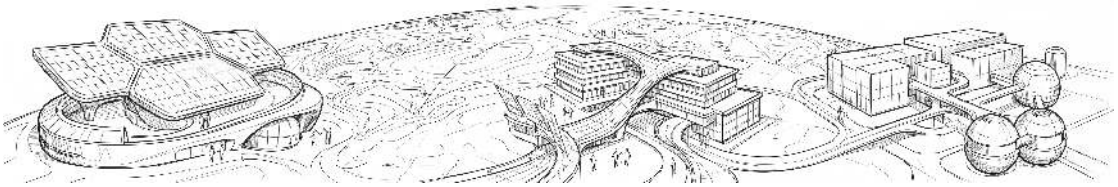
Solar Coverage (India)

- **India and Singapore Explore 2 GW Power Interconnection:** India and Singapore are exploring a **2,000 MW** cross-border link, including a proposed **3,000 km** corridor from Imphal through Myanmar, Thailand, and Malaysia. Singapore targets **6 GW** of low-carbon imports by **2035** (~**15%** of its mix), but none of the **9.25 GW** approved projects has reached financial close. Indonesia holds **37%** of the pipeline, stalled by Clause 37 permit renewals and a **40%** local content rule. Malaysia's **1 GW** HVDC interconnector delivers **900 MW** from Johor, while Vietnam, Cambodia, and Australia (**43%** of the pipeline) await regulatory clarity. Sun Cable's route needs **3,700 km** of its...

Source: Saur Energy, Mercom India (October 9, 2026)



… **4,500 km** cable across Indonesian waters.

- **POWERGRID Commissions 2.5 GW Bidnar Solar Transmission:** POWERGRID commissioned the transmission project for the **2,500 MW** Solar Energy Zone in Bidnar, Karnataka, under the TBCB route, achieving DOCO on **October 5, 2026**. Subsidiary POWERGRID Bidnar Transmission was amalgamated with POWERGRID Khavda II-C Transmission effective **March 1, 2026**. Related updates: Kshema Power won transmission works for a **315 MW** wind project; Jyoti Structures commissioned the **400 kV** Gadag-II line for ReNew Power, evacuating **1,500 MW** from Koppal Solar Zone; Bajel Projects' **70 km** Bellary–Davanagere line integrates **2.75 GW** and **0.25 GW**.

- **Pace Digitek Wins 115 MWh Delhi BESS Project:** Pace Digitek received a LoI from BSES Rajdhani Power for a **57.5 MW/115 MWh** standalone BESS in Delhi, its **fifth** utility-scale BOO/BOOT storage project. The **₹179.4 crore** project spans four substations (Sagarpur **30 MW/60 MWh**, Bindapur **15 MW/30 MWh**, Hari Nagar **7.5 MW/15 MWh**, and G4 **5 MW/10 MWh**) under a **12-year** BOOT model, with execution in **7 months**. At a tariff of **₹47.05 lakh/MW/year**, annual revenue is **₹27.1 crore**. Its utility-scale portfolio now stands at **3.32 GWh**, adding to **₹761 crore** of orders since Q1 FY2027, including a **₹488.6 crore** NTPC GE Power order.

- **Prozeal Signs ₹4.6 Billion Gujarat Solar Divestment Deal:** Prozeal Green Energy signed a framework agreement with a European IPP to divest a **100 MW (AC)** solar project in Gujarat for **~₹4.6 billion**. Completion is expected upon commercial operation, scheduled for **2027**. Prozeal will provide EPC services and long-term O&M,

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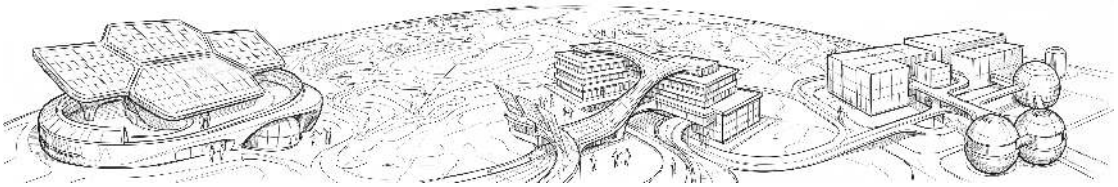

alongside an ongoing **500 MW** IPP portfolio targeted for commissioning by **March 2027**. The French multi-energy partner views this as an expansion into India's solar sector, targeting C&I consumers across steel, chemicals, and pharmaceuticals.

- **Green Stocks Rebound but Weekly Losses Persist:** The green pack rallied on **Oct 9**, led by wind players **Inox Wind** (**up 6.76%**) and **Suzlon** (**up 3.21%**), though weekly losses persisted. Heavyweights **Adani Green** (**up 1.63%**) and **Tata Power** (**up 1.94%**) failed to recover lost ground, while **Acme Solar** slid (**down 0.55%**). Traders flagged U.S. trade pressure and domestic institutional concerns, with Monday expected to confirm a market bottom or continued pain.

- **Green Stock Closing Data (Oct 9): Acme Solar** closed at **₹418.10** (**down 0.55%**, YTD **up 76.68%**); **Adani Green** at **₹1,255.80** (**up 1.63%**, YTD **up 20.45%**); **Alpex Solar** at **₹804.95** (**down 1.14%**, YTD **down 0.41%**); **Borosil Renewables** at **₹430.40** (**up 0.07%**, YTD **down 20.2%**); **Clean Max Enviro** at **₹1,323.00** (**down 1.88%**); **Emmvee Photovoltaic** at **₹300.05** (**down 0.65%**, YTD **up 59.91%**); **Inox Wind** at **₹66.65** (**up 6.76%**, YTD **down 49.18%**); **Insolation Energy** at **₹79.67** (**down 0.08%**, YTD **down 42.13%**); **KPI Green Energy** at **₹325.30** (**up 0.63%**, YTD **down 33.3%**); **NTPC Green** at **₹92.60** (**up 1.98%**, YTD **down 4.62%**); **Oswal Pumps** at **₹254.35** (**down 0.43%**, YTD **down 51.38%**); **Pace Digitek** at **₹165.13** (**up 2.03%**, YTD **down 13.82%**); **Premier Energies** at **₹895.35** (**up 1.21%**, YTD **up 4.56%**); **Shakti Pump** at **₹419.00** (**down 1.79%**, YTD **down 42.45%**); **Solex Energy** at **₹643.65** (**down 1.45%**, YTD **down 51.6%**); **Sterling and Wilson RE** at **₹162.12** (**up 1.27%**, YTD **down 25.54%**); **Suzlon Energy** at **₹37.60** (**up 3.21%**, YTD **down 30.57%**); **Tata Power** at

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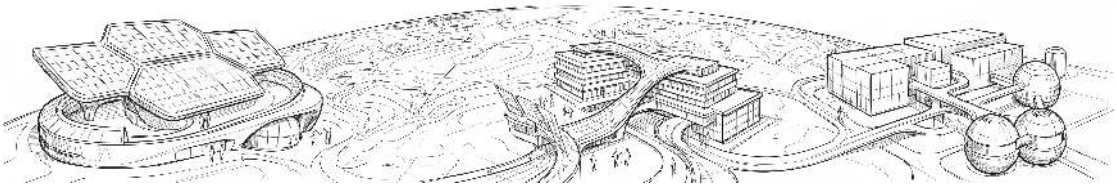

₹342.15 (**up 1.94%**, YTD **down 12.1%**); **Vikram Solar** at **₹142.32** (**down 0.69%**, YTD **down 39.51%**); **Waaree Energies** at **₹2,323.00** (**up 0.26%**, YTD **down 21.6%**); **Waaree Renewable Technologies** at **₹802.45** (**up 0.82%**, YTD **down 17.71%**).

- **UPERC Issues Final RPO Compliance Notice to UPNEDA:** UPERC has directed UPNEDA to issue a final notice to defaulting entities under the RPO Regulations, 2010, warning of proceedings under **Section 142** of the Electricity Act, 2003. Of **472** identified obligated entities, **443** uploaded FY 2025-26 RPO data, with **434** compliance reports verified. For **Q1 FY 2026-27**, **352** entities uploaded data. UPERC also mandated a public, no-login webpage for RPO disclosure, with the next hearing set for **January 5, 2027**.

- **India's Transmission Network Grows, Execution Test Ahead:** India's transmission infrastructure reached **509,603 circuit kilometers** of lines and **1,478 GVA** of transformation capacity as of **June 2026**, per Mercom India Research. Over the decade from **April 2016**, transmission line length grew **50.8%**, while transformation capacity more than doubled, rising **111.7%**, highlighting significant network expansion.

- **PEDA Floats 50 MWp Rooftop Solar Tender:** Punjab Energy Development Agency (PEDA) has issued a tender for **50 MWp** of grid-connected rooftop/ground-mounted solar under the RESCO Model at government buildings, with bids due by **October 29, 2026**. Bidders must apply for a minimum of **1,000 kWp**, pay a non-refundable service charge of **₹1,350/kWp** plus **18%** GST within **30 days** (delay attracts **12%** monthly interest, with **100%** PBG forfeiture

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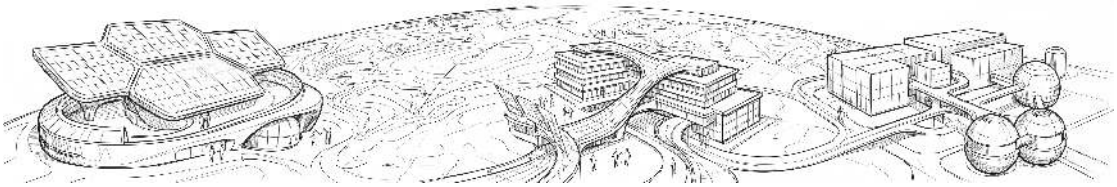

risk). Selected developers will own the systems, quote a levelized tariff in Rs/kWh, and handle O&M for **25 years**.

- **Gopin Semicon Enters ALMM List-II for Solar Cells:** Surat-based Gopin Semicon secured enlistment for its N-type TOPCon solar cell under **ALMM List-II**, with an annual capacity of **402 MW** at its Kamrej facility, valid until **October 7, 2030**. The **GSPL_G12R** model offers **25.57%** average efficiency and **9.78 W** average wattage. The MNRE's 12th revision also updated efficiency ranges for **RenewSys India** and added bifacial mono PERC capacity for **Premier Energies Photovoltaic**.

- **Vayona Unveils 5 MW Onshore Wind Turbine Platform:** Vayona Energy launched the Vayona 5.0/193, a **5 MW** onshore wind turbine platform with a **193-meter** rotor, at Windergy India 2026. Developed with Germany-based Aerovide GmbH, it targets low and ultra-low wind speeds and high-temperature sites, joining the existing 3X platform. The turbine supports standalone, wind-solar hybrid, and C&I projects, featuring digital twin-enabled turbines integrated with the company's in-house Remote Operations Centre for predictive maintenance.

- **ICCT Study Finds E-Tractors Cut Diesel Costs 84%:** A real-world pilot study by the **International Council on Clean Transportation (ICCT)**, released at Urban Adda, found that electric tractors perform farm work in comparable or less time than diesel tractors while cutting energy costs by **64% to 84%** per acre, demonstrating a strong economic case for farm electrification in India.

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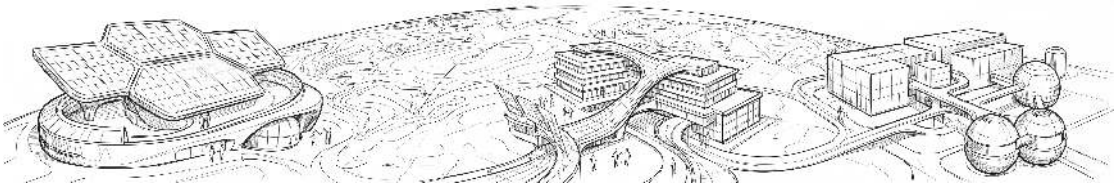

- **AmpereHour and Ampt Partner for DC-Coupled Storage:** Indian BESS provider **AmpereHour Energy** has partnered with DC optimizer company **Ampt** to distribute and service its DC power management products across **India, South Asia, the Middle East, and Africa**. The alliance combines Ampt's String Optimizers and Direct-to-Battery (D2B) DC-coupled architecture with AmpereHour's storage integration, energy management software, and service capabilities to boost project profitability, system efficiency, and grid reliability for utility and commercial customers.

- **Cygni Energy and Indus Towers Explore 1.5 GWh BESS:** Hyderabad-based **Cygni Energy** and telecom infrastructure provider **Indus Towers** have signed an **MoU** to explore sourcing energy storage solutions for telecom infrastructure in India, including setting up up to **1.5 GWh** of Battery Energy Storage System (BESS) manufacturing capacity to address the evolving energy requirements of the sector.

- **Surat Housing Complex Saves ₹5 Million via Rooftop Solar:** Shreepad Park Arena in Surat installed a **612.69 kW** rooftop solar project across eight towers, commissioned by Solnce Energy in **April 2026**. The **₹28.55 million (~$295,000)** project received a **₹12.25 million (~$126,535)** subsidy for **157** eligible systems under PM Surya Ghar, yielding **₹5.05 million (~$52,180)** in annual savings. Generating **919,035 kWh** annually, the system offsets **~100%** of household needs. Nationally, over **5 million** households have adopted rooftop solar since **February 2024**.

Solar Coverage (Global)

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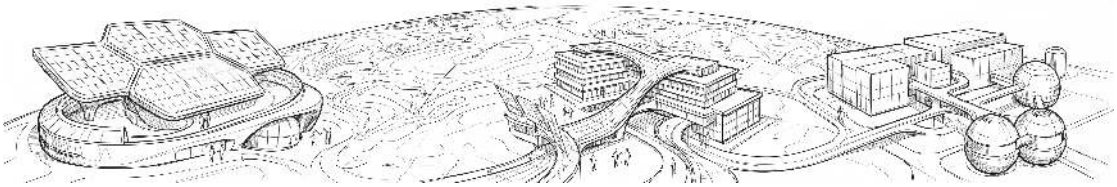

- **South Korea Unveils $747 Billion Green Transformation Plan:** South Korea's K-GX strategy allocates **KRW 1,000 trillion (~US$747 billion)** over ten years—**KRW 200 trillion** in fiscal funds and **KRW 790 trillion** in climate finance—across ten sectors, targeting **100 GW** renewables by **2030**. Grid reforms free **2.6 GW** in Honam, reclaim **9 GW** from stalled projects, and add **20 GW** via dispatch priority, with competitive connection bidding from **January 2027**. India's parallel: **21 GW** (**~9%**) on temporary connections and **INR 1.86 trillion** for the Green Energy Corridor Phase III.

- **PetroGreen Units Secure $20 Million Solar Financing:** PetroGreen Energy Corporation (PGEC), the renewable energy arm of publicly listed PetroEnergy Resources Corporation, has secured project financing for a **40 MW** solar project through its subsidiaries, Rizal Green Energy Corporation (RGEC) and BKS Green Energy (BKS). The entities signed an Omnibus Loan and Security Agreement with Rizal Commercial Banking Corporation (RCBC) for a facility of up to **₱1.24 billion (~$19.7 million)** to support the project's development.

- **EU Solar and Storage Jobs Near 1 Million:** The European Union's solar and battery energy storage sectors supported approximately **982,000** full-time equivalent (FTE) jobs in **2025**, according to SolarPower Europe's Solar Jobs Report **2026**. Growth was driven by continued solar installations and expanding battery storage deployment. However, the report highlights a notable decline in manufacturing employment within the bloc, signaling an imbalance between installation-led job growth and a weakening domestic manufacturing base across the European solar value chain.

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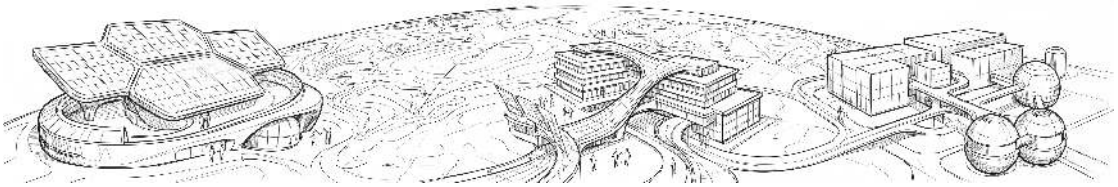

- **Rimac and ECOBLOX to Deploy Modular Data Centers:** Croatian EV technology firm **Rimac Technology** and AI compute infrastructure innovator **ECOBLOX** have entered a **Joint Development Agreement** to deliver a battery-integrated Modular Data Center (MDC) solution in **November**. The compact, integrated architecture is built for high-density workloads, with Rimac contributing its specialization in battery, powertrain, and electronic systems.

- **Somalia Adopts Digital Monitoring for Solar Mini-Grids:** Somalia, under the UNDP-supported **Africa Mini-Grids Program (AMP)**, is developing a digital platform to aggregate operational and financial data from solar mini-grid sites, aiming to reduce reliance on costly diesel generation. A national consultation was held in Mogadishu on **September 3**. A de-risking investment analysis identified **138.7 MWp** of targeted solar PV capacity. The country lacks a national grid, and the platform is expected to enhance transparency, regulation, and investor confidence.

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