



TM

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EDITION 03

SHIRDI SAI ELECTRICALS LTD

NEWSLETTER



SSEL
FROM INNOVATION TO
ENTREPRENEURSHIP

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ADVANCING INDIA'S SOLAR MANUFACTURING VISION WITH INGOT PULLERS INSTALLATION

Indosol Solar Installs 8 Ingot Pullers, Advancing
Integrated Value Chain Manufacturing

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FROM INNOVATION TO ENTREPRENEURSHIP

SSEL takes part in P4 Startup innovation @ Kadapa

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TIME TESTED ME, BUT EFFORT DEFINED ME

“Continuous skill upgradation, not only shapes professional
excellence but also molds life's character.” Says
Mr. A. Krishna Prasad, General Manager – Glass Division.

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Transformer Excellence showcased at Sähkö 2026 in Finland

SSEL Newsline - Helsinki, Finland

Shirdi Sai Electricals Limited (SSEL) has participated in Sähkö 2026, held between April 15 and 17, 2026, at the Helsinki Expo and Convention



Centre in Finland. The premier Nordic trade event brought together leading manufacturers, innovators, and industry experts from across the global electrical sector. Organized in collaboration with Finnish Fair Corporation, the event was developed in close partnership with leading industry players including ABB, Siemens, Onninen, Sonepar, Ahlsell, and Airam. Featuring 319 exhibitors and numerous global brands, the event served as a key platform for industry engagement and innovation.

The three-day exhibition showcased the full spectrum of the electrical industry, including energy, lighting, construction, automation, manufacturing, imports, and wholesale. It provided a dynamic environment for companies, experts, and emerging professionals from both local and international markets to exchange ideas and explore the latest technological advancements. The event emphasized future-oriented

themes such as energy transition and renewable integration, grid resilience and reliability, digitalization (including AI, smart grids, and digital twins), cybersecurity in energy systems, and electrification across industries. It also highlighted solutions spanning the entire lifecycle, from planning and design to optimization and operation. Covering approximately 33,000 m² of exhibition space, the event brought together key Nordic and global players showcasing cutting-edge innovations.

Representing SSEL at the event were Vishnu Dutta, DGM - International Business Development (IBD); Kiran Kumar Gutti, Senior Manager - IBD; and Ashok Kumar MV, Senior Engineer, IBD. Stationed at Stall No. 7C130, the team highlighted SSEL's core product portfolio, with a strong emphasis on its advanced transformer solutions, while engaging with visitors and stakeholders from across the globe.



SSEL Launches 'Blood Donor Day' to Strengthen Community Healthcare



SSEL Group NewsLine

In the honor of the birth anniversary of Late Shri N. Narayana Reddy, father of the Chairman & Managing Director of the SSEL Group of companies, blood donation camps were organized across all Group facilities and offices. Employees across the Group participated wholeheartedly, reflecting strong commitment and enthusiasm towards this noble cause. The camps were successfully conducted at multiple locations, including manufacturing facility of Shirdi Sai Electricals Ltd in Kadapa, the Head Office at Begumpet, Hyderabad, Indosol Solar Corporate Office, Hyderabad,

Indosol Solar Manufacturing Plant at Ramayapatnam, Shuchi Alloys & Conductors Private Limited Manufacturing Plant, Kadapa, SSEL Manufacturing Unit at Naini, and IndoTech Transformers Pvt Ltd in Kancheepuram. The large-scale blood donation drive, conducted simultaneously across all Group locations, resulted in an extraordinary achievement of over 550 units of blood collected in a single day. This significant contribution is expected to support healthcare institutions and play a vital role in saving numerous lives. Observed annually on June 6, Blood Donor Day stands

as a tribute to Late Shri N. Narayana Reddy and reflects the SSEL Group's enduring commitment to supporting meaningful social causes and saving lives through voluntary blood donation initiatives.

SSEL believes that true progress is measured not only by business success but also by the positive difference we make in the lives of others. SSEL will continue such initiatives to create meaningful impact beyond business. The enthusiastic participation of employees across the Group reflects our shared values of compassion, unity, and social responsibility.

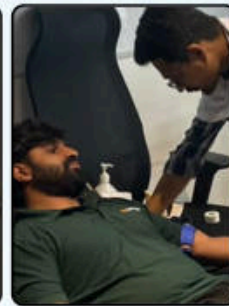


Employees of SSEL Manufacturing Plant Kadapa, Shuchi Alloys & Conductors Pvt. Ltd. donating blood



At SSEL Head Office, Begumpet, Hyderabad

SSEL Launches 'Blood Donor Day' to Strengthen Community Healthcare



At Indosol Solar Corporate office, Hyderabad



At Indosol Solar Manufacturing Plant, Ramayapatnam



At SSEL Manufacturing Unit, Naini



At IndoTech Transformers Pvt Ltd, Kancheepuram

400 kV Class Reactor Tested, Dispatched at SSEL Naini



SSEL Newslines - Naini

Shirdi Sai Electricals Limited (SSEL), Naini plant, has successfully flagged off its first 125 MVAR, 420 kV class reactor, which has now been dispatched to our valued customer, M/s Resonia. This milestone underscores our unwavering commitment to engineering excellence, advanced manufacturing capabilities, and

the delivery of reliable high-voltage power solutions that support India's rapidly expanding energy infrastructure. The successful execution of this critical project reflects the dedication and synergy of our highly skilled teams, adherence to stringent quality standards, and a continuous drive for innovation in the power transmission sector.

125 MVAR, 420 kV Class Reactor Tested at SSEL Naini Plant

Shirdi Sai Electricals Ltd (SSEL) has successfully completed testing a 125 MVAR, 400 kV class reactor at its Naini plant in Prayagraj, Uttar Pradesh. It was executed in close collaboration with Royal Smit Netherlands. The successful testing demonstrated achieving of exceptionally low vibration and noise levels, meeting stringent performance and quality benchmarks, and a strong example of manufacturing excellence through global collaboration. This milestone reflected the dedication of cross-functional teams, strong engineering expertise, and a shared commitment to delivering reliable high-voltage solutions for the power sector.



SSEL Stands Up for Environmental Cause

SSEL - Newsline

On the eve of World Environment Day on June 5, 2026, Shirdi Sai Electricals Limited (SSEL) employees have actively participated in several green initiatives. Theme of this year's initiative is: Inspired by Nature. For Climate. For Our Future.

The initiative reflects SSEL's dedication to protecting nature, reducing environmental impact, and creating a healthy ecosystem for future generations. As part of the initiative, an environmental awareness rally was also conducted to promote sustainability and eco-consciousness. As part of the initiative, employees of SSEL planted saplings and reaffirmed their shared commitment to environmental sustainability and a greener future.



SSEL Manufacturing Unit, Kadapa



Employees of Shirdi Sai Electricals Ltd. (SSEL), Kadapa came together participated in a plantation drive held within the plant premises.

SSEL Fabrication Unit, Kadapa



Employees at fabrication unit of Shirdi Sai Electricals Ltd, Kadapa participated in a plantation drive.

SSEL Naini Unit



Employees of Shirdi Sai Electricals Ltd. (SSEL) Naini plant have participated in plantation drive at the plant premises.

Indosol Solar Strengthens Manufacturing Capabilities with Ingot Puller Installation

Indosol - Newsline, Ramayapatnam

Indosol Solar has initiated construction of a vertically integrated solar manufacturing facility at Ramayapatnam in Prakasam district in Andhra Pradesh. The facility which has already begun operations for the 0.5 GW facility is ready to add another 0.5 GW solar manufacturing capacity by July 2026.

The facility has been currently undergoing several infrastructural additions for implementing value chain for solar modules manufacturing. It has added eight ingot pullers at the plant for solar ingot manufacturing. Ingot pullers are machines meant to be used to grow large, single-crystal ingots from a molten state. This process most commonly the Czochralski (CZ) method is the foundational step for

manufacturing semiconductor wafers used in electronics and photovoltaic cells. The process involves four key stages: melting, seeding, crystal growth, and shaping. High-purity polysilicon is first melted in a quartz crucible at temperatures exceeding $1,410^{\circ}\text{C}$ within a sealed argon-filled chamber to prevent contamination. A precisely oriented, rotating single-crystal silicon seed is then introduced into the molten silicon.

During crystal growth, the seed is slowly and continuously withdrawn while rotating, allowing the molten silicon to cool and solidify onto the seed. This results in the formation of a flawless single-crystal ingot that replicates the seed's crystal structure. The diameter of the ingot is carefully controlled by adjusting the pulling

speed and temperature throughout the process, enabling the production of large, uniform silicon ingots weighing several hundred kilograms.



Ingot Pullers Installation



1 GW Ingot - Module Plant

A New Milestone in Renewable Energy: SSEL–Brookfield Solar Project

Indosol Newsline

On 5 May 2026, Shirdi Sai Electricals Limited (SSEL) and Brookfield marked a significant milestone with the groundbreaking ceremony of their solar manufacturing project at Nandipadu, Nandyal District, Andhra Pradesh. Developed in partnership, the facility will feature two 400 MW solar manufacturing units,

strengthening India's renewable energy manufacturing ecosystem.

A ceremonial Bhoomi Pooja was performed at the site and the ceremony was attended by Shri N. Visweswara Reddy, Chairman & Managing Director (CMD) of SSEL, along with Vignesh Nadakumar

and Ravi, representing Brookfield, and other distinguished guests and dignitaries. This landmark project reflects the shared commitment of SSEL and Brookfield to advancing clean energy manufacturing and supporting India's sustainable growth ambitions.



A ceremonial Bhoomi Pooja Being performed at the proposed project site.



EPC Project at Lower Sileru Moving Ahead in Full Swing

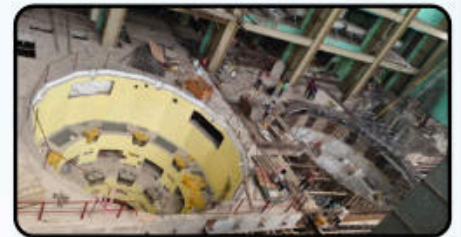
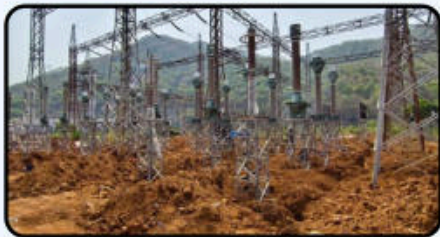
SSEL Newsline – Sileru

Shirdi Sai Electricals Ltd has been selected as the Engineering, Procurement and Commissioning (EPC) partner for the Lower Sileru Hydro Electric Project (LSHES), located across the Alluri Sitharama Raju and East Godavari districts of Andhra Pradesh. The project is planned in two phases, featuring the installation of four generating units of 115 MW each in the first stage, followed by the addition of two more units of 115 MW each in the second stage,

taking the station's total installed capacity to 690 MW. As part of this landmark hydro development, SSEL's Hydro Division is executing the expansion of the powerhouse with 2 × 115 MW generating units, leading the full EPC scope with strong technical and execution capabilities. The project is being implemented in coordination with PES Engineers Pvt. Ltd.

Current Project Progress

- » Civil works for Unit 5 completed
- » Civil works for Unit 6 progressing steadily
- » Penstock installation works underway
- » Transformer erection activities in progress
- » Switchyard equipment erection progressing as per schedule



With multiple critical milestones already achieved, the project continues to progress steadily, reflecting SSEL's commitment to timely execution, engineering excellence, and strengthening hydro power infrastructure in Andhra Pradesh.

SSEL Dispatched 2nd 500 MVA, 400 kV Autotransformer

SSEL Newsline – Naini

Shirdi Sai Electricals Ltd (SSEL) Naini unit has successfully dispatched a second 500 MVA, 400 kV Autotransformer to Resonia Limited in June 2026. This achievement is the result of the dedication, expertise, and seamless collaboration of our talented teams, who continue to deliver world-class power solutions that strengthen India's transmission infrastructure.

This achievement reflects SSEL's commitment and expertise in delivering world-class power solutions that strengthen India's transmission infrastructure. SSEL will remain focused on driving innovation, quality, and reliability while contributing to the nation's evolving energy landscape.



SSEL – A Proud Partner in Advancing Andhra Pradesh’s Entrepreneurial Vision

SSEL Newsline - Kadapa

Shirdi Sai Electricals Limited (SSEL) is proud to support the Startup Kadapa Entrepreneurship Centre, a landmark initiative that is nearing completion under the Andhra Pradesh Government’s Public-Private-People Partnership (P4) model.

The centre is set to become a premier innovation and entrepreneurship hub for the YSR District, providing world-class infrastructure and incubation support to startups,

Located near the Government Arts College in Kadapa, the 25,000 sq. ft. G+3 facility has been built using modern Pre-Engineered Building (PEB) technology. The centre offers state-of-the-art infrastructure, including a 200-seat auditorium, conference and meeting halls, collaborative workspaces and private cabins and idea pods, lounges, and breakout zones. It also offers twin elevators and energy-efficient HVAC systems, high-speed internet connectivity, solar rooftop compatibility and landscaped green spaces.

The Entrepreneurship Centre has been envisioned as a launchpad for innovation and enterprise, strengthening Kadapa’s position as an emerging business and technology destination. It aligns with the Andhra Pradesh Government’s vision of fostering entrepreneurship in every household and empowering young people to become job creators. The initiative also seeks to engage Non-Resident Indians (NRIs) from Kadapa as mentors, helping nurture the region’s growing startup ecosystem.

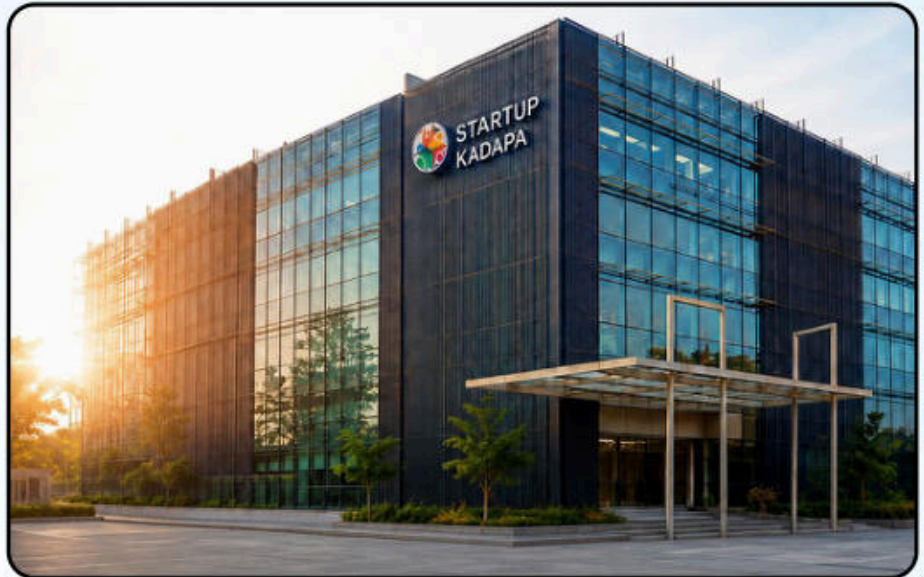
Supported by leading corporate partners, including SSEL, the centre will also be connected with the proposed Ratan Tata Innovation Hub in Amaravati, creating greater opportunities for collaboration and innovation across the state.

Startup Kadapa has set ambitious goals of creating over 500 employment opportunities, attracting ₹500 crore in investments, incubating more than 50 startups, with at least 30% women-led ventures, and reaching 15,000 aspiring entrepreneurs through entrepreneurship development initiatives.

The project complements the rapid industrial development taking place in the Kadapa region, particularly around Kopparthi, where hundreds of industries have already generated employment for more than 10,000 people. With several companies expressing interest in establishing operations in the region, the Entrepreneurship Centre is

freelancers, work-from-home professionals, and MSMEs across the Rayalaseema region.

Demonstrating its commitment to community development and inclusive economic growth, SSEL has contributed ₹4 crore under its Corporate Social Responsibility (CSR) initiative towards the project, which has an estimated total cost of ₹10 crore.



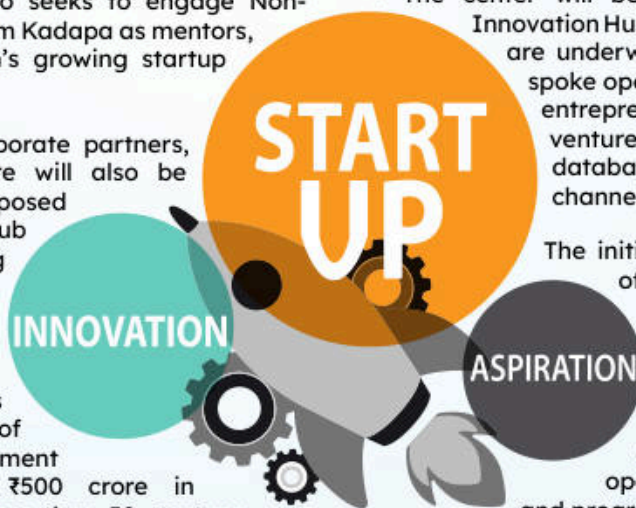
expected to play a vital role in accelerating innovation, investment, and sustainable economic growth.

The center will be linked formally with Ratan Tata Innovation Hub coming up in Amaravati. Discussions are underway to establish a smooth hub-and-spoke operational model. It will grant regional entrepreneurs’ direct access to centralized venture capital networks, global mentorship databases, and intellectual property support channels managed from the state capital.

The initiative will be monitored by a board of directors with representation from government, industry, academia and financial institutions. Strategic inputs will be provided by an advisory committee comprising experts from IT, industry, and startup sectors. The day-to-day operations will be managed by a CEO and program managers.

District Collector Dr Sridhar Cherukuri said the centre is “a platform that gives shape to the dreams of young people,” adding it would serve as a beacon of innovation and economic growth.

SSEL is proud to contribute to this transformative initiative, reaffirming its commitment to creating lasting social impact and supporting the entrepreneurial aspirations of Andhra Pradesh’s future innovators.



Strengthening Identity with Unified Dress Code

Indosol Newsline

As part of its ongoing brand-building and employee engagement initiatives, Indosol Solar has introduced a weekend dress code across its Corporate Office in Hyderabad and Manufacturing Plant at Ramayapatnam.

Effective from April 2026, employees have been wearing green Indosol Solar T-shirts featuring the company logo every weekend on Fridays and Saturdays, reinforcing a shared sense of identity, unity, and pride across the organization.

The green T-shirt symbolizes Indosol Solar's commitment to sustainability, clean energy, and environmental responsibility, values that are at the heart of the company's mission.

Beyond creating a professional and consistent workplace appearance, the initiative fosters team spirit, strengthens the company's brand culture, and enhances the feeling of belonging among employees.

This simple yet meaningful initiative reflects Indosol Solar's belief that a strong organizational culture is built through shared values and collective participation. By wearing the company colors, employees proudly represent the Indosol brand while contributing to a more connected and engaging workplace.

The weekend dress code is another step in Indosol Solar's journey toward creating a vibrant, collaborative, and purpose-driven work environment.



SSEL Enters Oil & Gas Industry with Transformer Supply

SSEL Newsline

Shirdi Sai Electricals Limited (SSEL) has achieved a significant milestone by successfully executing its first transformer supply to the Oil & Gas industry through a prestigious project for Numaligarh Refinery Limited (NRL), one of India's leading refinery organizations. This accomplishment marks SSEL's formal entry into a highly specialized and demanding sector, reinforcing the company's growing presence in India's critical energy infrastructure.

The project involved the design, engineering, manufacturing, procurement of components, assembly, inspection, testing, packaging, and delivery of four oil-filled power transformers. The

supply comprised two 10/12.5 MVA, 33/6.9 kV class power transformers and two 6.3/8 MVA, 33/11.5 kV class power transformers, engineered to deliver high performance, reliability, and seamless integration into critical refinery operations.

Engineers India Limited (EIL), the Engineering, Procurement, Construction, and Management (EPCM) consultant for NRL, approved the transformers, validating SSEL's compliance with stringent industry standards and quality requirements. This approval highlights the company's strong engineering capabilities and its ability to meet the technical and safety demands of mission-critical industrial infrastructure projects.

As part of the execution, the two 10/12.5 MVA transformers have been successfully delivered to Paradip, Odisha, while the remaining two 6.3/8 MVA transformers are scheduled for delivery to Siliguri, West Bengal, supporting NRL's refinery expansion projects.

This landmark achievement reflects SSEL's expertise in manufacturing world-class power transformers and strengthens its position as a trusted partner for complex industrial applications. It also reinforces the company's commitment to delivering reliable, future-ready transformer solutions while expanding its footprint across India's energy and infrastructure sectors.



SSEL Participated at National Level Workshop in AP

SSEL Newslines - Kadapa

Shirdi Sai Electricals Ltd (SSEL) has participated in National Level Workshop "Skilling in Construction Technologies" held at CK Convention, Tadepalli, Andhra Pradesh, on 21st May 2026. The event witnessed active participation from industry experts, professionals, and key stakeholders, engaging in meaningful discussions aimed at enhancing workforce productivity and accelerating the adoption of advanced construction practices across India.

Representing SSEL C Thirumalesu, Manager, Production has participated in the panel discussion, and contributed as a Moderator for the theme "Fabrication Skills: From Manual Processes to Automated and Precision Manufacturing." The session highlighted the importance of industry-driven skilling, modern fabrication technologies, automation, and precision manufacturing in shaping the future-ready workforce.



SSEL Embarks on Digital HR Transformation with Darwinbox

SSEL Newslines - Kadapa

Shirdi Sai Electricals Limited (SSEL) is implementing Darwinbox, an AI-powered cloud-based Human Capital Management (HCM) platform, as part of its ongoing digital transformation journey. The platform is being designed to streamline and enhance HR processes at Shirdi Sai Electricals Limited (SSEL) and Indosol Solar, providing employees with a seamless and user-friendly experience. The Darwinbox Mobile App offers a seamless employee experience with Virtual Employee ID, Touchless Attendance powered by Facial Recognition, Secure OTP-based Mobile Login, Geo-tagged Attendance, enabling employees to manage essential HR activities on the go. It will serve as a comprehensive HR management solution, that supports the complete employee lifecycle from hire to retire encompassing, employee records and onboarding, payroll and benefits administration,

attendance and leave management, performance management, recruitment and applicant tracking, employee engagement, learning and development, and workforce



analytics. The platform will also simplify day-to-day HR activities by enabling digital workflows, including leave approvals by authorized personnel from any location,

through the mobile application, ensuring timely decision-making and seamless continuity of HR processes. Additionally, all HR policies and related information will be centrally accessible, making Darwinbox a one-stop solution for employees' HR needs. The implementation process is already underway and will be completed in two phases. The first phase is expected to go live by October 2026, followed by the second phase in December 2026.

As part of the implementation, SSEL will also introduce the VIBE module, which offers an intuitive and engaging user experience. The platform will further strengthen employee communication and engagement by serving as a centralized hub for company-wide announcements, organizational updates, policy communications, event notifications, employee recognition initiatives, and

new joiner announcements. This will ensure timely dissemination of information and enable all employees to stay informed, engaged, and connected with the organization. The adoption of Darwinbox marks a significant step in SSEL's commitment to leveraging technology to improve operational efficiency, employee experience, and organizational effectiveness.



Indosol Solar's COO at Energetica India Summit & Expo 2026

Indosol Newsline

Indosol Solar's Chief Operating Officer (COO) Dr. Balachander Krishnan has participated in 3rd Edition of the REconnect Annual Flagship Summit & Expo 2026 organized by Energetica India Magazine. The summit was held between 22 and 23 May 2026 at The Grand New Delhi. The two-day Summit and Expo brought together energy leaders, policymakers and industry experts to discuss energy security, solar innovation, storage solutions and sustainable growth. The event has served as major platform for collaboration across the solar, energy storage and sustainability ecosystem, featuring panel discussions, keynote addresses, and technology showcases.

Dr. Balachander Krishnan, while delivering his speech as panel

speaker on "Innovation in Solar Cells & Emerging Technologies," at the summit, shared valuable insights on next-generation solar manufacturing, emerging cell technologies, automation, integrated PV manufacturing, and the future of scalable clean energy solutions.

Eminent organisation including Ministry of New and Renewable Energy (MNRE), Solar Energy Corporation of India (SECI), National Institute of Solar Energy (NISE) have participated in the event. The Energy and Resources Institute (TERI) acted as the knowledge partner for the event. Sustainable Projects Developers Association (SPDA), Gujarat Federation of Solar Industries (GFSI) and India Energy Storage Alliance (IESE) are the industry association partners.

Employee Welfare Officer at Indosol Solar

Mr. Purushottham V, has joined as Welfare Officer at Indosol Solar. As part of continued commitment to employee well-being, Mr. Purushottham will play a key role in fostering a positive work environment by supporting employee welfare initiatives, facilitating grievance resolution, and strengthening communication between employees and management.

One of the first initiatives introduced is the Open Forum, providing employees with a platform to share concerns, suggestions, and feedback in a transparent and constructive manner. Mr. Purushottham in his new role will contribute in enhancing employee welfare and engagement across the organization.



Dr Balchander Krishnan at the Energetica India Summit & Expo 2026.

India's Solar Manufacturing: The Next Chapter of Growth

Dr. Balachander Krishnan also interacted with Mercom India and shared his valuable insights on the growing skills gap in the solar manufacturing sector and its impact on project costs, execution timelines, and overall productivity. Addressing the skills gap he said, "Curriculum revamp is not optional. It has to be co-designed with industry. We need to move beyond legacy content and introduce specializations

in next-generation technologies like TOPCon, HJT, and even emerging areas like perovskites." Beyond theoretical updates, Dr. Balachander Krishnan highlighted the role of digital tools in accelerating learning. Technologies such as virtual and augmented reality can simulate real manufacturing environments, enabling students to train on complex processes safely and efficiently before entering the factory floor.

Building Skilled, Future-Ready Workforce

As part of commitment to building a skilled and future-ready workforce at Indosol Solar, the Learning & Development team has initiated a structured competency development framework across the organization. The Competency Dictionary has been developed and the Skill Assessment process has commenced across functions. These assessments will help establish role-wise Skill Matrices, identify competency gaps, and enable targeted learning interventions.

Based on the assessment outcomes, structured technical training, certification programs, and the annual learning calendar will be rolled out to enhance employee capabilities and support individual as well as organizational growth. Investing in people is investing in future, and learning will continue to remain a key pillar of growth for Indosol Solar's journey.

SSEL Naini Commissions Two 315 MVA Power Transformers for ReNew

SSEL Newslines - Naini

Shirdi Sai Electricals Limited (SSEL) – Naini Unit has successfully commissioned two 315 MVA, 400/33-33 kV Power Transformers for ReNew Power's renewable energy projects located at the Bhadla and Bhola Raja sites. This achievement marks another significant milestone in SSEL's journey of delivering reliable and high-performance power infrastructure solutions that support India's growing renewable energy sector. The commissioned transformers will play a vital role in the efficient evacuation and transmission of clean energy, contributing to the nation's transition toward a sustainable and low-carbon future.

The successful execution of these projects reflects the technical expertise, dedication, and commitment of the SSEL Naini team in meeting the evolving needs of the renewable energy industry.

At SSEL, we take pride in partnering with leading energy companies and contributing to landmark renewable energy projects across the country. Each successful commissioning reinforces our commitment to innovation, quality, and nation-building as we continue to power India's clean energy ambitions.



SSEL Conducts Successful Job Mela at Govt ITI Owk

SSEL Newslines - Nandyal

Shirdi Sai Electricals Ltd conducted a Mega Job Mela / Campus Recruitment Drive at the Government ITI College, Owk in Nandyal district, Andhra Pradesh on June 4, 2026, as part of its ongoing efforts to strengthen industry-academia engagement and promote youth employment opportunities.

The drive witnessed enthusiastic participation from around 80 students, reflecting strong interest in career opportunities with the organization. Out of these, 50 candidates expressed interest in joining SSEL.

Following the evaluation process, offer letters were issued to 20 eligible candidates, marking a key outcome of the recruitment initiative. In addition, 22 candidates who were below 18 years of age were guided about apprenticeship opportunities within the company. They were encouraged to join the structured apprenticeship program, which provides hands-

on industry exposure and potential consideration for future employment based on performance and successful completion.

Students from the ITI Computer Science trade also participated in the drive; however, their interest was primarily in computer-related roles, whereas current recruitment requirements are focused on production and shop-floor operations.

The initiative reflects SSEL's continued commitment to skill development,

employment generation, and strengthening industry-institute collaboration in the region.



SSEL Strengthens Employee Welfare Through PMVBRY Benefits

SSEL Newslines - Kadapa

Shirdi Sai Electricals Limited (SSEL) is pleased to announce that the benefit amount under the Pradhan Mantri Viksit Bharat Rozgar Yojana (PMVBRY) has been successfully credited to the bank accounts of our newly joined employees. This milestone reflects our continued commitment to employee welfare, financial inclusion, and workforce development. Under the PMVBRY scheme, eligible employees receive financial assistance of ₹7,500 every six months for a period of one year, in accordance with the Government of India's guidelines. We are proud to share that more than 50 employees and workers at SSEL have qualified for and benefited from this initiative.

The PMVBRY scheme, announced by the Hon'ble Prime Minister during the Independence Day address on 15 August 2025 and implemented from 1 August 2025, is one of the Government's flagship employment-generation programs. With a

budget allocation of nearly ₹1 lakh crore, the scheme aims to facilitate approximately 3.5 crore formal-sector jobs across the country.

Supporting First-Time Employees

The scheme is designed to encourage first-time entrants into formal employment by providing direct financial support to individuals earning up to ₹1 lakh per month and enrolled under the Employees' Provident Fund Organisation (EPFO). Benefits are transferred directly to beneficiaries through the Aadhaar-enabled Direct Benefit Transfer (DBT) system, promoting financial security and long-term savings habits.

Encouraging Employment Growth

PMVBRY also incentivizes employers to create and sustain new job opportunities. EPFO-registered organizations that hire and retain additional employees are

eligible for financial incentives, helping strengthen the formal workforce ecosystem. The scheme offers extended benefits for the manufacturing sector, supporting long-term employment generation and industrial growth.

SSEL's Commitment to People and Progress

At SSEL, we believe that our employees are the foundation of our success. By facilitating access to government welfare initiatives such as PMVBRY, we aim to empower our workforce, enhance financial well-being, and create a supportive environment for professional growth.

As we continue our journey of excellence, SSEL remains committed to creating meaningful employment opportunities, supporting employee welfare, and contributing to India's vision of inclusive and sustainable economic development.



SSEL Enters into PV Inverters Production

Signs MOU with KSTAR

SSEL Newslines

Shirdi Sai Electricals Limited (SSEL) has signed a strategic Memorandum of Understanding (MoU) with KSTAR Smart Energy, a global leader in power electronics, new energy solutions, and data center critical infrastructure. As part of the pact, KSTAR will provide comprehensive technical licensing, manufacturing process expertise, and standardized quality management support. Under this pact, SSEL will establish state-of-the-art Central PV inverter production lines at its intelligent manufacturing facility in Bengaluru, Karnataka, with a planned production capacity of 3.5 GW.



Public Hearings Successfully Conducted for Indosol Solar's Quartz Mining Projects

Indosol Newslines

Public hearings for Indosol Solar's proposed Quartz and Quartzite mining projects were successfully conducted by the Andhra Pradesh Pollution Control Board (APPCB) in coordination with the State Environmental Committee at four locations—Bandaganipalli (Nellore district), Nagalooti (Nandyal district), Nallagundla (Markapuram district), and Anumoolapalli (Markapuram district). Covering approximately 75 hectares, the hearings represent a key milestone in the State Environmental Clearance process, supporting the development of a reliable domestic raw material supply for Indosol Solar.





Every dream begins with a spark – and when fueled by dedication, perseverance, and vision, it becomes a legacy. Such is the journey of Mr. A. Krishna Prasad, Sr. General Manager – Glass Division, whose life is a testament to how humility, hard work, and continuous learning can shape greatness. Born in Nellore District, Andhra Pradesh, to a Class IV railway employee, Mr. Prasad began his life in simplicity but with ambition. From studying in village schools to earning a Diploma in Ceramic Engineering, followed by AME (equivalent to B. Tech) and an MBA, he built his career brick by brick, driven by determination and perseverance. He started his career at Bharat Electronics Limited (BEL) with a modest salary of ₹500 per month. Over two and a half decades in the manufacturing industry, he

A Journey of Dreams, Determination, and Legacy

The corporate journey of Mr. A. Krishna Prasad, Senior General Manager – Glass Division, is presented below as an inspiring example for young and dynamic professionals entering the solar industry.

has repeatedly demonstrated the leadership mantra he often shares: “If you want to become a leader, first make your employees leaders.” Continuous skill upgradation, he believes, not only shapes professional excellence but also molds life’s character. This philosophy guides his mentoring of teams, colleagues, and even his own son.

In 1992, Mr. Prasad took an entrepreneurial leap by founding Quality Toughened Glass. However, unforeseen tax revisions caused capital costs to soar, making it impossible for the venture to continue. Yet, he never allowed this setback to defeat his dream. Instead, he carried those lessons forward with renewed determination. His perseverance bore fruit at SCHOTT Glass, a 140-year-old global company. There, he introduced European manufacturing culture to India, implemented systematic production practices, and led the manufacture of India’s first FIOLAX brand pharma tubing, a globally recognized product used for vials and ampoules. He played a pivotal

role in establishing the greenfield manufacturing facility at SGD Pharma, driving the successful setup of world-class moulded and tubular glass vial production. His leadership capabilities were further strengthened through advanced leadership training in Singapore, equipping him with a global perspective on operational excellence, team development, and strategic execution. His vision and leadership turned challenges into milestones, leaving a lasting imprint on the industry. Beyond his professional accomplishments, Mr. Prasad finds fulfilment in his family legacy. His son, Mr. A. Pujit Pavan, inspired by his father’s values, founded Adya Energies, a company driving EV charging and solar rooftop solutions. Seeing his son succeed has been a lifelong dream realized, completing a circle of inspiration, leadership, and legacy.

For Mr. Prasad, true success is not measured by titles or wealth – it’s measured by the lives we uplift, the leaders we nurture, and the dreams we fulfil across generations.

“Time tested me, but effort defined me.” – Mr. A. Krishna Prasad

Land Acquisition for Indosol Solar Gains Momentum

At a Cabinet meeting held in April 2026 under the chairmanship of N. Chandrababu Naidu, the Government of Andhra Pradesh took several key decisions aimed at accelerating infrastructure development across the state.

Among the major initiatives, the Cabinet set clear timelines for completing land acquisition for Indosol Solar’s integrated solar manufacturing facility. The Industries and Commerce Department proposed the establishment of one Special Collector unit and five Special Deputy Collector units at Kandukur and Kavali to expedite the process within a stipulated period of two years.

This proposal has received Cabinet approval.

In a related development, Inturi Nageswara Rao, the local MLA, announced during the groundbreaking ceremony of the jetty at Ramayapatnam Port that a skill development centre will be set up at Karlapalem. The initiative aims to equip local youth with industry-relevant skills, enabling employment opportunities in upcoming projects, including BPCL and Indosol Solar units near the port.

Prakasam District Collector Rajababu stated that Centurion University of Technology and Management

has been engaged to deliver skill development programs for the district’s youth. These programs, expected to commence by June 2026, will cover sectors such as electrical, electronics, hydrocarbons, solar energy, drones, and mining. Training will be conducted on temporary sheds built in Ongole’s Government ITI college premises, with course durations ranging from three months to one year. Upon successful completion, participants are expected to be absorbed into nearby industries, supporting both employment generation and regional industrial growth.

SSEL Powers Spirit of Cricket at APL 2026

SSEL Newsline - Kadapa

Shirdi Sai Electricals Limited (SSEL) is proud to be a part of biggest sporting event - Andhra Premier League (APL) 2026. The fifth edition of the Andhra Premier League, organized under the aegis of the Andhra Cricket Association (ACA), was officially inaugurated on June 9, 2026. Ahead of the tournament, a grand launch event

was held on June 1, 2026, at the Indira Gandhi Municipal Stadium, Vijayawada, featuring renowned actor Ram Charan and legendary music composer A.R. Rahman. The event included the unveiling of the APL 2026 teaser and generated tremendous excitement among cricket enthusiasts.

The tournament was conducted from June 9 to June 30, 2026, across three venues:

Visakhapatnam

June 9-14

Kadapa

June 17-21

Mangalagiri

June 24-30

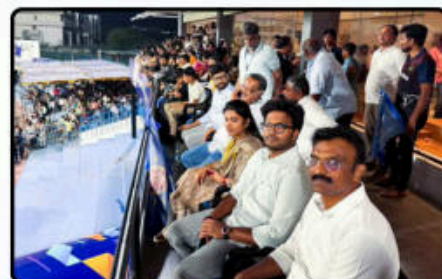


Seven franchise teams competed in 32 matches, including 28 league fixtures and four playoff encounters. The participating teams were Amaravati Royals, Vijayawada SunShiners, Royals of Rayalaseema, Simhadri Vizag Lions, Tungabhadra Warriors, Kakinada Kings, and Bhimavaram Bulls. The tournament commenced with an exciting opening match between Simhadri Vizag Lions and Kakinada Kings at the Dr. Y.S.R. ACA-VDCA International Cricket Stadium, Visakhapatnam and Bhimavaram Bulls Crowned APL 2026 Champions by defeating Simhadri Vizag Lions in the finals.

As the Principal Sponsor of the Vijayawada SunShiners, SSEL played a significant role in supporting one of Andhra Pradesh's premier cricket tournaments. Through this association, the company reinforced its dedication to encouraging sporting excellence and creating opportunities for emerging athletes.

Adding to the excitement, Directors and senior officials from SSEL participated in the post-match presentation ceremonies, presenting awards to outstanding performers throughout the tournament. Their presence highlighted the company's continued support for sporting excellence and community engagement.

SSEL's association with the Andhra Premier League reflects its enduring commitment to youth development, teamwork, and the spirit of healthy competition. Having also supported APL 2025, the company continues to strengthen its association with initiatives that inspire the next generation of sporting talent while fostering meaningful engagement with communities across Andhra Pradesh.



Indo Tech Facilitated vendor partners

IndoTech Newslane

Indo Tech Transformers Limited has facilitated vendor partners who have contributed to its growth. The vendor meet held at Kancheepuram on 25th April 2026 highlighted the synergy between Indo Tech and its vendors in delivering reliable power solutions.

Yash Highvoltage Limited was honored by Indo Tech for their long-standing business contribution. Yash Highvoltage's expertise in transformer bushings contributed to Indo Tech's specialized transformer manufacturing.

The vendor felicitation ceremony was attended by K Sharat Chandra, Chief Executive Officer (CEO), SSEL, Indo Tech Transformers Limited Chief Executive Officer (CEO) M Purushothaman, Dyanand Ramakrishnan, Chief Operating Officer (COO) at Indo Tech Transformers Limited, Sudheer Vennum, Board Member, SSEL, Indo Tech Transformers Limited.



Indo Tech Announces Strategic Capacity Expansion

IndoTech Newslines

In a board meeting held in June 2026, Indo Tech Transformers has given nod to pour in an additional Rs 360 crore capital expenditure to expand its transformer manufacturing capacity from 14,000 MVA to 50,000 MVA (up to 400 KV range) by March 2029. It will take the company's cumulative approved investment for capacity expansion to ₹495 crore. The expansion will be executed over the financial years 2028-2029.

The new approval supplements earlier CAPEX sanctions of Rs 75 Crores, Rs 25 Crores, and Rs 35 Crores, which

were aimed at increasing capacity to 16,000 MVA, 20,000 MVA, and 25,000 MVA respectively. These projects are currently in progress.

The company's existing manufacturing capacity stands at 14,000 MVA, with current capacity utilization ranging between 80-90%. The proposed capacity addition of 25,000 MVA will significantly scale up production capabilities. The project will be financed through a mix of internal accruals and bank borrowings, including term loans.



Indo Tech Reports Strong Financial Performance in FY26

IndoTech Newslines

Indo Tech Transformers Limited delivered a strong financial performance in FY26, reporting a 45.2% increase in net profit to ₹9,277 lakh, compared to ₹6,388 lakh in FY25. Revenue from operations also registered robust growth, rising 27.8% to ₹78,208 lakh from ₹61,178

lakh in the previous financial year. The company's Board of Directors approved the audited financial results at its meeting held on May 20, 2026. The statutory auditors, ASA & Associates LLP, issued an unmodified opinion on the financial statements.

SSEL Strengthens Communities through CSR Initiatives

SSEL NewsLine

As part of Corporate Social Responsibility (CSR) commitment, Shirdi Sai Electricals Limited (SSEL) continues to invest in initiatives that support education, community development, women empowerment, cultural enrichment, and healthcare. Growth at SSEL is not just measured by business success but by the positive and lasting impact we create in communities we serve.

During FY 2025-26, SSEL spent a total of ₹58.92 lakh on various CSR activities aimed at improving the quality of life for individuals and communities across different regions.

CSR Projects undertaken in FY 2025-26

Supporting Cultural Development:

SSEL contributed ₹25 lakh towards the procurement of audio systems for Kalasagaram Cultural Organisation, helping strengthen cultural activities and promote artistic excellence through improved infrastructure.

Empowering Rural Women Leaders:

Recognizing the importance of women's participation in community development, SSEL allocated ₹5 lakh to the Rural Women Leadership Program. The initiative focuses on enhancing leadership skills, confidence, and opportunities for women in rural communities.

Enhancing Educational Infrastructure:

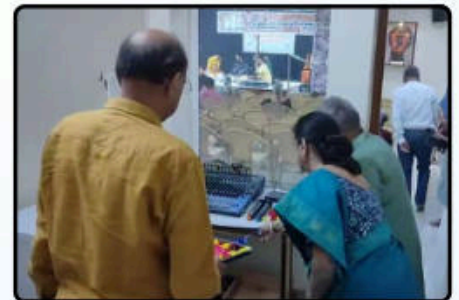
Education remains a key focus area for SSEL's CSR efforts.

- ❖ ZP Primary School, Solapur received ₹14.92 lakh for the development of a playground, creating a safe and engaging environment that supports the physical and overall development of students.
- ❖ Sri Vijnana Vihara High School, Vijayawada was provided ₹12 lakh to strengthen educational facilities and improve the learning experience for students.
- ❖ Educational Support in Tirupati received ₹2 lakh, contributing to initiatives that help students access better educational opportunities.

As part of its future CSR vision, SSEL has proposed the construction of an Eye Hospital during FY 2025-26. The project aims to enhance access to quality eye care services, particularly for underserved communities, and contribute to improved healthcare

outcomes. SSEL remains committed to creating sustainable social impact through focused CSR initiatives. By investing in education, empowerment, culture, and healthcare, the company continues to contribute towards inclusive growth and community well-

being. These initiatives reflect SSEL's belief that responsible business practices and social development go hand in hand, helping build stronger communities and a brighter future for all.



India Set to Emerge as the World's Second-Largest Solar Market by 2026



According to the National Solar Energy Federation of India (NSEFI), India is poised to become the world's second-largest solar market in terms of annual installations by the end of 2026. India has added 50 GW of solar capacity within just 14 months, raising the country's total installed solar base to 150 GW. This marks a dramatic acceleration in deployment, especially when compared with the 11 years it took to achieve the first 50 GW and the nearly three years needed to add the subsequent 50 GW.

Global Scenario

Major markets such as the United States and the European Union are expected to witness a slowdown in renewable energy additions, India continues to accelerate its clean energy transition. NSEFI believes this momentum will enable India to secure the position of the world's second-largest solar market by annual installations in 2026.

Distributed Renewable Energy (DRE) and Commercial & Industrial (C&I) solar are expected to be the key growth engines over the next three years. The C&I segment has already exceeded expectations, crossing

NSEFI estimates that India's solar capacity could reach 280-300 GW over the next few years, supporting the national target of 500 GW of non-fossil fuel-based capacity by 2030. At the current rate, India is steadily moving towards annual solar additions of nearly 50 GW. The next phase of growth is expected to be driven by flagship government initiatives such as PM Surya Ghar, the upcoming PM KUSUM 2.0, floating solar policies, and rising demand generated by the National Green Hydrogen Mission.

nearly 10 GW of annual installations for the first time. Policy measures such as Green Energy Open Access, Virtual Power Purchase Agreements (VPPAs), and the Renewable Consumption Obligation (RCO) framework are unlocking strong demand across industries.

Within the next two years, C&I solar additions are expected to rival capacity additions under utility-led Power Purchase Agreements (PPAs). DRE currently accounts for nearly 20% of India's installed solar capacity and is projected to rise to 35% by 2030.

Strengthening Domestic Manufacturing

India has also significantly strengthened its domestic solar manufacturing ecosystem. Supported by Production-Linked Incentive (PLI) schemes, the Approved List of Models and Manufacturers (ALMM), and Basic Customs Duty (BCD) measures, the country has developed strong module manufacturing capabilities and is rapidly progressing towards self-reliance in solar cells. However, the next phase of growth will depend on expanding upstream supply chains, including wafers, ingots, polysilicon, and quartz.

Energy Storage to Drive the Next Growth Phase

Alongside solar expansion, energy storage is expected to play a critical role in India's clean energy future. NSEFI projects that India will achieve double-digit energy storage capacity within the next 18 months. Recent policy and regulatory interventions, including viability gap funding (VGF) and provisions for non-solar-hour connectivity, have laid a strong foundation for this expansion. Over the next 12-18 months, India is expected to witness a significant acceleration in energy storage deployment, further strengthening the country's transition towards a sustainable and integrated clean energy system.

India's
Solar
Capacity
to Reach

280-300 GW
(Next few Years)

Non-fossil
fuel-based
capacity

500 GW
(2030)

MNRE Decides not to Extend ALMM List-II Beyond June 1, 2026

CC Team Research Article.

The Ministry of New and Renewable Energy (MNRE) has decided not to continue blanket extension of deadline for applicability of Approved List of Models and Manufacturers (ALMM) List-II for solar PV cells beyond June 1, 2026. The government has taken the decision after the detailed examination of representations received from stakeholders and wider consultations.

Under the existing framework for ALMM List-II for solar PV cells, Net-Metering Projects and Open Access Projects commissioned prior to June 1, 2026 are exempt from the applicability of ALMM List-II for solar PV cells. Projects commissioned after this date will be required to comply with the ALMM List-II provisions.

Case-to-Case Relief to Protect Investments Already Made

The Ministry of New and Renewable Energy had received several representations regarding the timeline of 1st June 2026, with some stakeholders seeking extension of the deadline and others seeking that no extension be granted. During the review process, the Ministry also considered the Office Memorandum

dated 29.04.2026 issued by the Department of Expenditure, Ministry of Finance, which, inter alia, advised treatment of the ongoing West Asia situation as war and suggested that time extension for a period of not less than two months and not more than four months may be considered on the basis of specific situations and not through a blanket policy. After detailed examination of the representations received and wider stakeholder consultations, it has been decided that no blanket extension of the deadline for applicability of ALMM List-II for solar PV cells beyond 1st June 2026 is required to be provided.

However, in order to protect investments already made in the larger public interest, certain Net-Metering, Open Access and Renewable Energy power projects will be considered



for appropriate time extension on a case-to-case basis. These include projects where installation of solar modules has been completed but commissioning is pending, or projects

on or before 30th June 2026. Such claims shall be examined by an Expert Committee to be constituted by the Ministry to recommend project-wise, case-to-case claims based on the information provided by the concerned Renewable Energy power developers.

Objective Behind It:

- Solar projects commissioned after June 1, 2026, must use solar PV cells sourced from manufacturers
- Developers whose made substantial investments before June 1, 2026, can apply for time extensions
- Ensuring Solar PV Cells manufacturing ecosystem is aimed at making India self-sufficient

Ministry of New and Renewable Energy has also clarified that residential net-metering consumers participating in the "Give It Up" campaign under the PM Surya

Ghar: Muft Bijli Yojana (PMSG: MBY), who voluntarily forego Government subsidy, will continue to be governed by the existing Scheme Guidelines till the end of the scheme on 31st March 2027. However, such residential net-metering consumers shall mandatorily apply only through the National Portal for PM Surya Ghar: Muft Bijli Yojana.

The Ministry stated that these decisions reflect the Government's commitment towards ensuring policy stability in the solar PV manufacturing ecosystem aimed at making India self-sufficient in solar PV manufacturing. The decision is also intended to safeguard investor confidence and protect investments already made in renewable energy power projects that could not be commissioned despite effective steps having been undertaken by developers.

where effective steps towards implementation have already been undertaken by Renewable Energy power developers. Such effective steps will include land acquisition, financial closure, connectivity arrangements, approval of electrical drawings, and arrival or installation of solar modules. Such cases will be considered for appropriate time extension in respect of applicability of ALMM List-II for solar PV cells after objective assessment of the supporting information and documentary proof submitted by the concerned developers.

Renewable Power Project Developers seeking time extension beyond 1st June 2026 may submit their claims, along with requisite documentary proof, through a dedicated portal developed by the National Institute of Solar Energy (NISE) for this purpose

India Mandating Local Ingots and Wafers for a Self-Reliant Future

CCTeam Research Article

The Ministry of New and Renewable Energy (MNRE) has proposed a landmark policy that would require clean energy developers to use locally manufactured solar ingots and wafers from June 2028. The initiative is designed to strengthen India's solar manufacturing ecosystem by reducing reliance on imported upstream components, particularly from China, while advancing the nation's vision of energy self-reliance.

The proposal marks an important step in building a fully integrated domestic solar value chain. Solar modules are made up of photovoltaic cells, which are manufactured from wafers cut from silicon ingots. Although India has achieved remarkable growth in module and cell manufacturing over the past few years, it continues to depend heavily on imports for wafers and ingots. Recognizing this gap, the government plans to expand the Approved List of Models and Manufacturers (ALMM) framework to include these upstream components, encouraging end-to-end domestic manufacturing. This initiative aligns closely with India's broader objective of achieving 500 GW of non-fossil fuel power capacity by 2030.

The localization roadmap has been designed as a phased transition to allow the industry sufficient time to build capacity and strengthen supply chains. Beginning in June 2026, developers will be required to use domestically manufactured solar cells, followed by the mandatory use of locally produced ingots and wafers from June 2028. This gradual implementation is intended to provide manufacturers with adequate time to scale production, invest in new facilities, and enhance technological capabilities.

Despite India's rapid progress in downstream manufacturing, upstream production remains limited. The country currently has only around 2 GW of ingot and wafer manufacturing capacity, far below the level required to meet the growing demand for solar installations. However, investment momentum is steadily increasing, with several leading manufacturers announcing expansion plans aimed at strengthening domestic production. Industry estimates indicate that



financial support of approximately ₹20,000–25,000 crore will be required to establish nearly 50 GW of upstream manufacturing capacity, highlighting both the scale of the opportunity and the investment needed to realize it.

A major driver behind this policy is the need to reduce dependence on China, which currently dominates the global solar manufacturing supply chain. According to the International Energy Agency (IEA), China's integrated manufacturing ecosystem enables production costs that are approximately 10–35% lower than those of other regions. By encouraging local sourcing of critical solar components, India aims to enhance supply chain resilience, improve energy security, and reduce exposure to global market disruptions and geopolitical uncertainties.

The proposed policy presents significant long-term opportunities for India's renewable energy sector. Expanding domestic manufacturing is expected to create employment, attract substantial private investment, increase value addition within the country, and strengthen India's position as a global solar manufacturing destination. At the same time, the transition is likely to present short-term challenges. Domestic production costs remain higher than international benchmarks, upstream manufacturing capacity is still developing, and project developers may face increased costs during the initial implementation phase. Rising global commodity prices have already contributed to higher renewable energy equipment costs, and the

localization mandate may temporarily add to these pressures before economies of scale are achieved.

The proposed expansion of the ALMM framework represents a significant evolution in India's renewable energy policy from promoting downstream assembly to fostering a fully integrated manufacturing ecosystem. Since its introduction in 2019, the ALMM initiative has played a pivotal role in strengthening domestic manufacturing capabilities. India's solar module manufacturing capacity has grown from 8.2 GW in 2021 to approximately 172 GW, while solar cell manufacturing capacity has expanded to around 27 GW in a relatively short period, demonstrating the effectiveness of targeted policy support.

The proposal to mandate locally manufactured solar ingots and wafers is therefore much more than a regulatory change. It represents a strategic shift toward building a resilient, self-reliant, and globally competitive solar industry. While scaling upstream manufacturing will require sustained investment and coordinated industry efforts, the long-term benefits including enhanced energy security, stronger domestic manufacturing, and reduced import dependence—have the potential to position India as a leading global hub for solar manufacturing. As the nation balances near-term cost considerations with long-term strategic priorities, the policy sends a clear message that the future of India's solar industry will increasingly be built within the country.

Power Infrastructure Expansion Fast-Tracked in Andhra Pradesh

CCTeam Research Article - SSEL

Andhra Pradesh is entering a new phase of power infrastructure development as the Andhra Pradesh Transmission Corporation (APTRANSCO) accelerates one of the state's most ambitious transmission expansion programmes in recent years. Driven by rapid industrialization, urbanization, and the increasing integration of renewable energy into the grid, the initiative is designed to strengthen the state's electricity network, enhance grid reliability, and build a future-ready transmission system capable of supporting sustained economic growth.

To reinforce the state's power infrastructure, the Government of Andhra Pradesh has directed APTRANSCO to complete and commission 24 power transmission projects with a total investment of ₹3,507 crore between June and December 2026. These projects form a key part of the state's long-term strategy to modernize the transmission network, improve power quality, and ensure uninterrupted electricity supply to industries, commercial establishments, and residential consumers.

The expansion programme extends well beyond the projects scheduled for commissioning this year. APTRANSCO is currently fast-tracking the execution of 68 transmission projects, backed by an overall investment of nearly ₹5,000 crore. These projects include the construction of new substations, augmentation of existing transmission infrastructure, and the expansion of high-voltage transmission corridors to accommodate rising electricity

demand and improve operational flexibility across the state.

Looking ahead, the utility has also established a strong pipeline of 100 additional transmission projects, comprising 12 projects at the 400 kV level and 88 projects at the 220 kV and 132 kV levels. Once implemented, these projects will significantly strengthen the state's transmission backbone, enabling seamless power transfer between generation centres and load centres while supporting the evacuation of electricity from upcoming renewable energy projects.

The ongoing expansion is expected to add approximately 15,274 MVA of transformation capacity and 1,822 circuit kilometres of transmission lines to Andhra Pradesh's power network. These additions will play a crucial role in reducing transmission bottlenecks, improving voltage stability, minimizing technical losses, and enhancing overall grid efficiency. The strengthened network will also provide the capacity required to meet the growing electricity needs of industrial corridors, urban centres, manufacturing hubs, and emerging infrastructure developments across the state.

A major highlight of Andhra Pradesh's power sector roadmap is the growing emphasis on grid modernization through advanced energy storage technologies. Recognizing the increasing share of renewable energy in the state's generation mix, the Ministry of Power has approved Viability Gap Funding (VGF) under the Power System Development Fund (PSDF) for the deployment of 30 GWh

of Battery Energy Storage Systems (BESS) across India. Of this, 3 GWh has been allocated to Andhra Pradesh, reinforcing the state's commitment to building a smarter and more resilient electricity grid.

As the designated nodal agency, APTRANSCO has initiated tariff-based competitive bidding under the Build-Own-Operate (BOO) model for the development of 1,000 MW of standalone Battery Energy Storage System projects with a two-hour storage duration. The projects will be implemented across 10 strategically identified locations in two phases and are expected to play a vital role in balancing renewable energy generation, improving grid flexibility, managing peak electricity demand, and ensuring reliable power availability during non-solar hours. The deployment of utility-scale battery storage will also enable better utilization of renewable energy resources while strengthening overall grid resilience.

Together, the transmission expansion programme and the large-scale deployment of Battery Energy Storage Systems represent a significant milestone in Andhra Pradesh's power sector transformation. By investing in high-capacity transmission infrastructure alongside next-generation grid technologies, the state is creating a stronger, more efficient, and future-ready electricity network capable of supporting long-term economic development and accelerating India's clean energy transition.



765 kV Segment Drives India's 18.5 GVA Transformation Capacity Addition

CCTeam Research Article - SSEL

India's power transmission sector has made a strong start to FY27, demonstrating steady progress in strengthening the country's electricity infrastructure. During the first two months of the financial year (April-May 2026), 18,515 MVA of new transformation capacity was commissioned across substations rated 220 kV and above, according to the latest data released by the Central Electricity Authority (CEA).

The achievement significantly surpassed the planned target of 12,564 MVA, reflecting the rapid pace of transmission infrastructure development and the government's continued emphasis

on building a robust, future-ready power grid. The accelerated addition of transformation capacity is expected to improve the grid's ability to accommodate rising electricity demand, enhance system reliability, and support the large-scale integration of renewable energy projects across the country.

A defining feature of this growth was the exceptional performance of the 765 kV voltage segment, which accounted for 10,500 MVA of the total capacity commissioned during the period representing nearly 57% of the overall addition. This reinforces the growing importance of ultra-high-voltage transmission infrastructure in India's evolving power system, where long distance bulk power transfer has become increasingly critical to connect renewable energy generation hubs with demand centres.

A significant portion of the 765 kV capacity 7,500 MVA was commissioned by Power Grid Corporation of India Ltd. (PGCIL), reaffirming its pivotal role in the development of the national transmission network. The remaining 3,000 MVA was contributed by private sector developers, highlighting the increasing participation of private players in India's transmission infrastructure expansion. The

combined efforts of both public and private stakeholders underscore the collaborative approach being adopted to strengthen the country's transmission ecosystem.

The commissioning activity across voltage levels reflects balanced

in resource-rich states, a robust interstate transmission network will play a crucial role in delivering clean energy efficiently to consumption centres across the country.

While the overall performance exceeded expectations, the results across voltage

segments presented a mixed picture. The 765 kV category emerged as the clear outperformer, significantly exceeding planned additions and reinforcing its strategic importance in India's long-term transmission planning. In contrast, the 400 kV segment fell short of expectations. Against a planned target of 4,815 MVA, only 2,815 MVA was commissioned during the period, with both PGCIL and private developers recording lower than target

additions. The shortfall suggests that some planned projects may have experienced execution delays and could be commissioned later in the financial year.

On the other hand, the 220 kV segment delivered an impressive performance, with 5,200 MVA commissioned against a planned target of 3,249 MVA. Notably, the entire capacity addition in this voltage class was achieved by state utilities, reflecting their sustained efforts to reinforce regional transmission networks and improve power evacuation capabilities within their respective states.

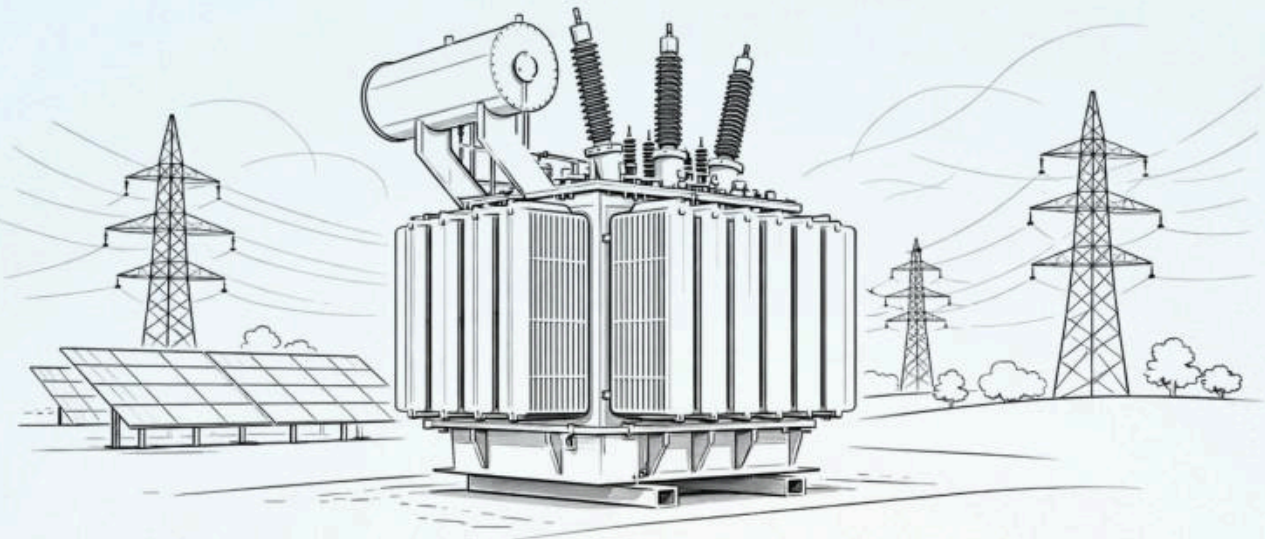
Looking ahead, India has set an ambitious target of commissioning 158,339 MVA of new transformation capacity during FY27 (April 2026–March 2027). Achieving this milestone will require continued momentum in the execution of transmission projects across all voltage levels, particularly within the 765 kV and 400 kV segments, which form the backbone of the national transmission network. The successful delivery of these projects will be instrumental in supporting the country's rapidly growing electricity demand, facilitating the integration of large-scale renewable energy, and enhancing overall grid resilience.



participation from different sectors. The Central sector added 8,000 MVA, comprising 7,500 MVA at the 765 kV level and 500 MVA at 400 kV. State utilities commissioned 7,200 MVA, including 2,000 MVA at 400 kV and 5,200 MVA at 220 kV, demonstrating their continued investment in strengthening regional transmission infrastructure. Meanwhile, the private sector contributed 3,315 MVA, with 3,000 MVA at the 765 kV level and 315 MVA at 400 kV. Together, these additions brought the total transformation capacity commissioned during April-May FY27 to 18,515 MVA.

The rapid expansion of transformation capacity also translated into significant progress for the Interstate Transmission System (ISTS). During the two-month period, 11,315 MVA of new substation capacity was added to the interstate network, accounting for more than 60% of the total transformation capacity commissioned. The continued strengthening of the ISTS is essential for ensuring seamless transfer of electricity between regions, reducing transmission constraints, and improving grid flexibility. As renewable energy projects continue to be developed

For Smart Sustainable Energy



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Editorial

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