

SHAKTI SAMACHAR

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Building a Resilient Transmission Infrastructure...

Odisha's power transmission network has witnessed significant upgrades, ensuring reliable and efficient electricity delivery across the state. OPTCL currently operates with a transformation capacity of 27,864 MVA and a vast network of 16,916 circuit kilometres, supported by 198 grid substations. With rising industrialization and growing domestic power demand, OPTCL has planned major infrastructure expansion. This includes increasing the number of substations, enhancing transformation capacity, and integrating advanced technologies. A key initiative is the establishment of Odisha's first 765kV Grid Substation, alongside development of 400kV and 220kV ring networks. OPTCL is also working to strengthen interstate connectivity through the Inter-State Transmission System (ISTS). These initiatives are designed to meet the future energy demand while addressing key challenges like renewable energy integration, power quality, system contingencies, and disaster management. A major milestone is the conceptualization of a Green Energy Transmission Corridor integrated with ISTS connectivity, reinforcing OPTCL's commitment to sustainability and energy transition. To enhance reliability, especially in urban areas, OPTCL is implementing Underground (UG) cabling. Additionally, the State Transmission Asset Monitoring System (STAMS) is being rolled out to enable remote, unmanned operation of grid substations. For voltage stability and reactive power management during peak demand, STATCOMs and reactors are being installed at critical grid points. Looking ahead, OPTCL is also exploring Artificial Intelligence (AI) and Machine Learning (ML) for predictive maintenance, system optimization, and intelligent fault detection. These initiatives reflect OPTCL's vision to develop a smart, sustainable, and resilient transmission system. With a clear strategic roadmap, OPTCL is moving toward becoming one of India's most advanced and efficient power transmission utilities.



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CMD's MESSAGE

Odisha's aspiration to occupy its legitimate position in India's industrial landscape has always been fuelled by OPTCL's commitment to provide reliable power. However, to meet the projected need of 21000 MW in the next 5 years, we probably need to reengineer ourselves. We will soon up a 765KV ring, expand the 400 KV network and create several 220 KV rings in its urban centres. OPTCL is already in the forefront of transmission corporations in using SAP, setting up digital substations, use of monopole towers and innovation in line maintenance. Looking ahead to a year of team work and organizational growth.

Sri Bhaskar Sarma, IAS
Chairman-cum-Managing Director



OPTCL Crowned Champions in 47th AIESCB Cricket Showdown



In a thrilling display of teamwork and sporting excellence, Odisha Power Transmission Corporation Limited (OPTCL) emerged victorious for the first time in the 47th AIESCB Cricket Tournament, lifting the coveted championship trophy. Held under the aegis of the All India Electricity Sports Control Board (AIESCB), the tournament held at Venkatgiri, Nellore, AP witnessed fierce competition among power sector teams from across the country. OPTCL showcased dominant form throughout the tournament, culminating in a commanding win in the final match against the star studded team of CESC, Kolkata. Batting first, CESC managed to score only 127/9 in 20 overs. In a nail-biting finish, OPTCL chased down the target in 18.3 overs and winning by 5 wickets.

Towards a Culture of Dignity: OPTCL Leads with POSH Training



Bhubaneswar/26.07.25: Empowering minds and shaping respectful workplaces, OPTCL's HRD Department organized a 2-day Gender Sensitisation & POSH training in collaboration with Tanvi Consultancy Pvt. Ltd. at the Power Training Centre, Chandaka. The non-residential training for executives and non-executives from Headquarters and Central Zone was led by Mr. Ram Kishore Sharma and Ms. Arunima Patra, who facilitated insightful discussions. This initiative highlights OPTCL's commitment to fostering a culture of dignity, respect, and equality—transforming workplace norms beyond compliance into lasting change.



Balasore/18.07.25: OPTCL's Northern Zone, Balasore, organized a POSH Awareness Programme to promote a safe and respectful workplace. Focused on the Prevention of Sexual Harassment at the Workplace, the event saw participation from over 70 employees. Hon'ble Senior Civil Judge Sri Suman Kumar Jena, Sr. Advocate Sri N.G. Panda, and other legal experts shared valuable insights on legal rights and workplace dignity. The programme reflected OPTCL's commitment to employee welfare. Special thanks to Sri Anadi Charan Jena, Zonal Head, for leading the initiative.

OPTCL Hosts Cyber Security Workshop for Regional Power Sector

Bhubaneswar/17.07.25: Cyber Security Awareness Workshop for Eastern & North-Eastern Region Power Utilities organized by CSIRT-Power, Ministry of Power, in association with OPTCL on **17th July, 2025** at OPTCL Power Training Centre, Bhubaneswar.

Sh. L.K.S. Rathore, Director, CSIRT-Power, extended invitations to **Sh. B B Mehta**, Director, SLDC Odisha; **Sh. Prashant Aatrey**, ED, NHPC; and other officials from power utilities. The workshop focused on strengthening cyber security preparedness in the Eastern and North-Eastern Region Power Utilities.



Seva with Devotion: OPTCL Employees Serve Devotees at Rath Yatra



Puri/24.06.25: In a heartfelt gesture of devotion and community service, employees of OPTCL actively participated in the Puri Rath Yatra by organizing and managing a food distribution camp for devotees. Braving the crowds and the heat, the team served meals and refreshments with compassion and dedication, reflecting the spirit of selfless service that defines this sacred festival.

This initiative by OPTCL not only ensured nourishment to thousands of pilgrims but also showcased the organization's deep-rooted values of empathy, social responsibility, and collective harmony. OPTCL salutes the spirit of seva that connects us all through faith and service.



OPTCL Power Hospital Extends Care at Rath Yatra Health Camp

Puri/03.07.25: OPTCL Power Hospital doctors extended their healing touch at the Puri Rath Yatra by organizing a dedicated health camp for the devotees. Their selfless efforts ensured care and comfort amidst the divine celebration.

National Doctor's Day



Bhubaneswar/01.07.25: On this National Doctor's Day, we extend our heartfelt gratitude to the dedicated doctors of OPTCL Power Hospital. Your relentless service, care, and commitment ensure the well-being of our power family.

OPTCL Celebrates International Yoga Day with Unity and Wellness



Bhubaneswar/21.06.25: On the occasion of International Yoga Day 2025, OPTCL organised a rejuvenating yoga session at the Power Community Centre, Headquarters. The event witnessed enthusiastic participation from employees and their families. Sri Chandra Sekhar Pradhan, CGM(HRD), Smt Madhumita Swain, Land Officer, along with other senior officers and their family members, joined the session and embraced the essence of yoga for a healthier, calmer, and more balanced life.

OPTCL Welcomes newly joined Directors



Bhubaneswar/03.12.24: Shri Prasanta Kumar Pattanaik assumed charge as Director (Operation), OPTCL on 3rd December 2024. With vast experience in the power sector, he aims to boost operational efficiency, grid reliability, and service delivery across Odisha's transmission network through strategic leadership.



Bhubaneswar/15.05.25: Shri Pradeep Kumar Dash assumes charge as Director (Projects), OPTCL, effective 14.05.2025. With over 35 years of experience in electrical operations, project execution, and strategic leadership across Odisha, he is set to bolster infrastructure development, accelerate regional progress, and uphold operational excellence at OPTCL.



Bhubaneswar/16.05.25: Shri Srikant Kumar Sahoo assumes charge as Director (Finance), OPTCL, effective 16.05.2025. With over 28 years of expertise in financial strategy, corporate finance & power sector operations, he is poised to enhance fiscal stewardship and drive performance excellence at OPTCL.

Hon'ble Standing Committee-X Chairman Reviews Grid Operations at SLDC



Bhubaneswar/09.05.25: Sri Ranendra Pratap Swain, Hon'ble Chairman of Standing Committee-X (2025-26), chaired the meeting with senior officials of OPTCL, GRIDCO, and SLDC, followed by a visit to the SLDC along with other Hon'ble members of the Committee to review real-time grid operations on 9th May, 2025 at Mancheswar campus.

During his interaction in the grid control room, the Chairman commended Team SLDC for their efficient operations and advised them to continue their spirit of commitment and dedication.

Hon'ble Governor of Odisha Visits SLDC, Commends Grid Operations

Bhubaneswar/06.05.25: His excellency Hon'ble Governor of Odisha Dr. Hari Babu Kambhampati had maiden interaction with Shri Bhaskar Jyoti Sarma, IAS, CMD, OPTCL & SLDC officials on 6th May, 2025 at Mancheswar campus.

The overview of grid operation and intricacy therein was deliberated apart from power system market operation & inter / intra-state transactions. Hon'ble Governor opined to move forward for RE harnessing and adopting storage solutions.

His excellency complemented Team SLDC while interacting in grid control room and advised to continue spirit of commitment & dedication.



OPTCL at the forefront of power innovation!



Bhubaneswar/24.04.25: One-day exhibition hosted by Madhav Engineers Pvt. Ltd., exploring the latest testing & measuring solutions for transmission lines and substations. Each new tool we adopt means a safer, smarter, and more reliable grid for Odisha.

OPTCL Collaborates with HCG for Cancer Awareness Session

Bhubaneswar/24.04.25: OPTCL organised an insightful Cancer Awareness Health Talk at its HQ in association with HCG Day-care Centre, Bhubaneswar. Let's spread awareness and protect our OPTCL family and the community together!



24th April 2025



Twin City gets power boost with new 45 km transmission line

EXPRESS NEWS SERVICE @ Bhubaneswar

A new 45-km-long transmission line from Nuapada to Pratapsasan was energised on Friday giving a boost to power supply infrastructure in the Bhubaneswar-Cuttack region.

The line was energised by OPTCL chairman and MD Bhaskar Sarma in presence of director projects BB Mehta, director operations PK Patnaik, ED central zone PK Dash and AK Das Associates Limited MD Amiyakanta Das.



The 220 KV transmission line is a strategic project aimed at strengthening power supply network of Bhubaneswar, Cuttack and their periphery

Amiyakanta Das, MD
AK Das Associates

Executed by AK Das Associates, the 220 KV transmission line is a strategic project aimed at strengthening power supply network of Bhubaneswar, Cuttack and their periphery. It will meet the growing demand of electricity in the region.

This power was earlier being sourced through the 400 KV Meramundali grid sub station. With the commissioning of the new line, the connection is now established through the PGCIL Padibahal grid substation, significantly improving the quality and reliability of power.

"Execution of this project involved overcoming of severe right of way challenges and resistance from some locals. However, the project was delivered on time with full adherence to safety and quality standards," said Amiyakanta Das.

Das, however, thanked the OPTCL, local administration, residents and other stakeholders for their support and cooperation in implementation of the challenging project.

OPTCL energizes 45 km, 220 KV line from Nuapada to Pratapsasan, boosting power for Bhubaneswar-Cuttack.

Our Dress, Our Identity: OPTCL Celebrates Odia Attire Day



3rd April 2025

Bhubaneswar/03.04.25: On the vibrant occasion of the observance of Odia Party, employees of OPTCL came together in a colourful celebration of Odisha's cultural identity. Donning elegant traditional attire, the staff wholeheartedly participated in the 'Our Dress, Our Identity' campaign, showcasing the timeless beauty and pride of Odia heritage. The event was not just a display of clothing but a powerful reflection of unity, cultural pride, and a deep-rooted connection to our traditions. By embracing ethnic wear, OPTCL employees reinforced the message that culture is not only to be remembered but proudly lived and celebrated every day.

OPTCL Celebrates 20 Glorious Years of Powering Progress



Bhubaneswar/01.04.25: OPTCL celebrated its 20th Foundation Day on 1st April at the Power Community Center. Sri Vishal Kumar Dev, IAS, Principal Secretary, Energy Department graced the occasion as the Chief Guest, and the meeting was presided over by Sri Bhaskar Sarma, IAS, CMD, OPTCL. Sri Raghunath Pratihari, Director (HRD), delivered the welcome address, while Sri P.K. Pattnaik, Director (Operation), extended the vote of thanks. Sri Umakanta Sahoo, Director (T&BD) GRIDCO and Sri Pradeep Kumar Dash, ED (Central Zone), were also present on the occasion.


Glimpse of Foundation Day









(A Government of Odisha Undertaking)

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