

TP Western Odisha Distribution Ltd reduces 11KV and 33KV feeder tripping by 20%

- Replaced 16 km old open conductor by AB cables having high current carrying capacity across its distribution network
- Ensured 24x7 power supply by balancing 40 feeders through effective redistribution of DTR loading and thereby reducing the overload tripping of Distribution Transformers
- Successfully completed all the work under Integrated Power Distribution System (IPDS) scheme
- Allocated capex budget provision of Rs.1600 Cr for replacement/overhaul of distribution infrastructure by FY26

Sambalpur, 14th September 2021: Odisha generates power more than the state's requirement from its Hydro, Thermal and Renewable sources of energy. It is therefore important for this power surplus state to be managed by an efficient power distribution company in order to reduce aggregate technical and commercial losses and ensure a reliable and quality power supply. Prompted by this need, **TP Western Odisha Distribution Limited (TPWODL)**, a joint venture between Tata Power and the Government of Odisha, took over the erstwhile distribution of WESCO eight months back on January 1, 2021.

Since its takeover, TPWODL is powering nine districts in Western Odisha and has undertaken several initiatives to improve the power supply infrastructure to provide reliable and stable power to its 2 million consumers. The company has taken a slew of initiatives which has helped it to reduce 11KV and 33KV feeder tripping by 20% (based on the internal operational survey). Some of the key initiative are as follows:

Some of the **key initiatives** implemented by TPWODL are:

- Conducted a detailed ground level survey of all its substations & distribution transformers (DTRs), feeder lines and long transmission cable systems
- Divided the power distribution circle into two parts – A) High revenue substation (18nos.), High revenue 33kV feeder (33nos.) and 11Kv feeder (35 nos.) & B) Urban and Rural area
- Designed a roadmap for the upgradation of Distribution Transformers and converting open conductor into AB cable
- Allocated a capex budget of Rs. 1600 Crore for replacement/overhaul of distribution infrastructure by FY26
- Engaged proactively with the Government to get the substations operational under the Odisha Distribution Strengthening System (ODSSP) so that power supply to rural areas can also be improved

Key results so far:

- Tripping of 11KV and 33KV feeder by 20%
- Detailed ground survey conducted of all substations and distribution transformers
- Power disruption during Kalabaisakhi reduced from 30% to 5%
- Proactive engagement with the State government under Odisha Distribution Strengthening System to get substations operational
- Capex budget of Rs1600 allotted for distribution overhaul
- Reduced timeline of the replacement of 33kV breaker from 5 days to 3 days
- DTR fencing done at more than 120 locations to ensure safety

Commenting on the developments, **Mr Gajanan Kale, Chief Executive Officer, TP Western Odisha Distribution Limited** said,

“Within eight months of taking over the WESCO management, we have brought a positive change in day-to-day operations by implementing several initiatives. It is our constant endeavor to

for immediate use

PRESS RELEASE

ensure a smooth and efficient power distribution for our customers. We are confident of sustaining this by introducing cutting edge technologies as a part of the change management drive.”

Furthermore, in order to achieve service excellence, create value for its customers and modernise its power infrastructure, TPWODL implemented the following initiatives:

- Reduced timeline of the replacement of 33 KV breaker from 5 days to 3 days by joining hand with Chiplima Grid which is maintained by OHPC
- Successfully completed all the pending work under Integrated Power Distribution System (IPDS) scheme
- Completed DTR fencing of more than 120 locations at circle for public and animal safety. The team has planned another 500 DTR fencing to be done in the current financial year
- Completion of pre-monsoon maintenance

Because of all the above timely measures executed by TPWODL’s Operation Team, the power supply parameters has shown a substantial improvement in the last few months.

About Tata Power:

Tata Power together with its subsidiaries and jointly controlled entities, has an installed / managed capacity of 13,061 MW. The Company has presence across the entire power value chain - generation of renewable as well as conventional power including hydro and thermal energy, transmission & distribution, coal & freight, logistics and power trading. With 4.2 GW of clean generation capacity from solar, wind, hydro and waste heat recovery accounting for 32% of the overall portfolio the company is committed to clean energy generation. It has successful public-private partnerships in generation, transmission & distribution in India viz: Powerlinks Transmission Ltd. with Power Grid Corporation of India Ltd. for evacuation of Power from Tala hydro plant in Bhutan to Delhi, Maithon Power Ltd. with Damodar Valley Corporation for a 1,050 MW Mega Power Project at Jharkhand. Tata Power is currently serving around 12 million consumers via its Discoms viz Tata Power Delhi Distribution Ltd. with Government of Delhi for distribution in North Delhi; TP Northern Odisha Distribution Limited, TP Central Odisha Distribution Limited, TP Western Odisha Distribution Limited and TP Southern Odisha Distribution Limited with Government of Odisha. With a focus on sustainable and clean energy development, Tata Power is steering the transformation into integrated solutions providers by looking at new business growth in distributed generation through rooftop solar and micro grids, storage solutions, EV charging infrastructure, ESCO, home automation & smart meters et al. For more information visit us at: www.tatapower.com

For further information, please contact:

Jyoti Kumar Bansal
Chief-Branding, Corporate Communications, CSR,
Sustainability
The Tata Power Company Limited
Email: jyotikumar.bansal@tatapower.com

Siddharth Gaur – Head PR
siddharth.gaur@tatapower.com

Rakesh Patnaik
Adfactors PR
+91 97780 33722
Email: rakesh.patnaik@adfactorspr.com