

A Significant Milestone in Modernizing Nepal's Electrical Transmission System

The transition from bare to covered conductors marks a significant milestone in Nepal's power transmission journey. Bare conductors, once standard, posed safety risks and were highly vulnerable to environmental challenges. In contrast, covered conductors, insulated with advanced XLPE materials, offer:

- 💡 **Reduced risk of accidental shocks**, ensuring a safer power distribution network.
- 💡 **Minimized power loss**, enhancing overall efficiency and performance.
- 💡 **Lower maintenance requirements**, making them a cost-effective long-term solution.

With the support of local manufacturing by Litmus Industries, Nepal is embracing covered conductors to build a **safer, more efficient, and future-ready energy infrastructure**.

Litmus Medium Voltage (11/33KV) XLPE Covered Conductors

Litmus introduces Nepal's first Medium Voltage XLPE Covered Conductor, setting new standards in durability and reliability. Featuring triple-layer insulation, anti-tracking properties, and fire-resistant XLPE, it ensures superior safety and efficiency, making it ideal for forested and remote areas.

Tested in NABL-accredited labs, with an annual production capacity of 20,000 KM, Litmus is driving sustainable energy independence, delivering innovative solutions for a resilient future.

Standards and References

Manufactured to meet global standards

💡 IEC 61089

💡 IS 398 Part II, IV and VI

💡 BS EN 50182/50397

