

Workshop on Live line Maintenance in Utilities

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Introduction

- Maintenance techniques
- Conventional and option that we can change to
- Safety



- Safety
- Improve operating efficiency
- Options to increase the business from the capacity created
- Need for higher availability of power
- Improved reliability

Relevance

- Achieve high uptime of the network
- Reduce interruption to services even if it is momentary
- Safe option to achieve both uptime and interruptions



Presentation on the Topic

- Existing procedure in majority of the DISCOMs requires the line to be de-energized for maintenance



Presentation on the Topic

- Live line work helps in
 - Increased electrical insulation – **Hazards due to reverse feeding eliminated**
 - Line workers are secured in buckets – **Avoids mechanical accidents**
 - Working personnel are obligated to wear all safety equipment
 - Products are designed to adhere to high degree of safety standards
 - Working personnel is focused on the job with no pressure to restore the supply within a time frame

Presentation on the Topic



GLOVE & BARRIER



HOT STICK



BAREHAND

Use Case/Case Study

- Demonstration on a live network in Bengaluru
- Positive feedback from the powermen

Key Takeaways/ Recommendations

- Key Takeaways/Recommendations: 5-6 Bullet Points (1 Min)
- Safety
- Live line maintenance for high availability
- Capacity building
- Enhances business
- Key driver for improving operational efficiency



Thank You

*For discussions/suggestions/queries email: www.indiasmartgrid.org
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[Links/References \(If any\)](#)

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