

**TPSØDL**

**TP SOUTHERN ODISHA  
DISTRIBUTION LIMITED**

(A Joint Venture of Tata Power and Government of Odisha)

# RELIABILITY IMPROVEMENT EFFORTS





## Gearing up for the Summer season



### 24X7 PSCC

for real-time monitoring  
of 33 kV and 11 kV feeders



### 205 Tree Pruners

for effective tree trimming



**6** mobile distribution  
substations and  
**16** transit stores for swift  
emergency response

### 814 fuse Call Centers

deployed for rapid response



### 5000 personnel

deployed for  
efficient customer  
service



### Call Back option, SMS alerts

for effective  
communication



TPSODL has deployed approximately 5000 personnel to meet the increasing power demand. The integration of PSS with SCADA has enabled us to monitor the entire distribution network in real-time through a centralized Power System Control Center (PSCC) and Area Power System Control Center (APSCC). To ensure a reliable power supply to our consumers, our combat and flexible mobile sub-stations are stationed across 6 circles, providing backup during emergencies. Additionally, we have enhanced our 24X7 call center, social media desk, and fuse call center to provide prompt solutions to any consumer queries or problems. TPSODL is investing in strengthening its network infrastructure through continuous proactive measures, to deliver uninterrupted power supply and services to our consumers.



## Reliability Improvement Efforts



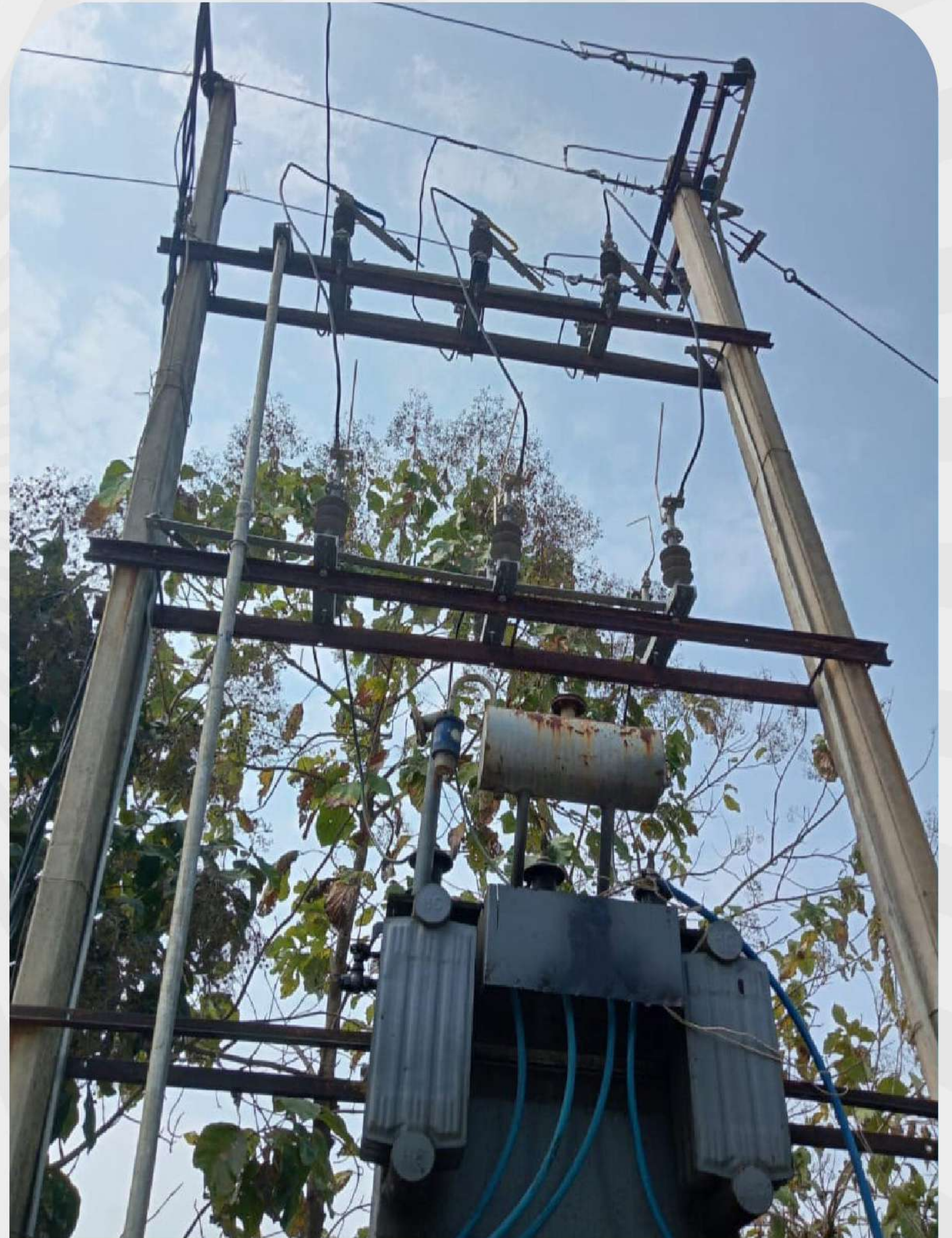
### **Kantamal, Boudh**

A new 16 kVA DTR is installed.



### **Balimela, Malkangiri**

To cater increasing demand a new 16 kVA DTR has been installed.



### **Thuranali, Boudh**

A series of refurbishment activities took place at 100 kVA Distribution Sub Station (DSS).



### **Boipariguda, Koraput**

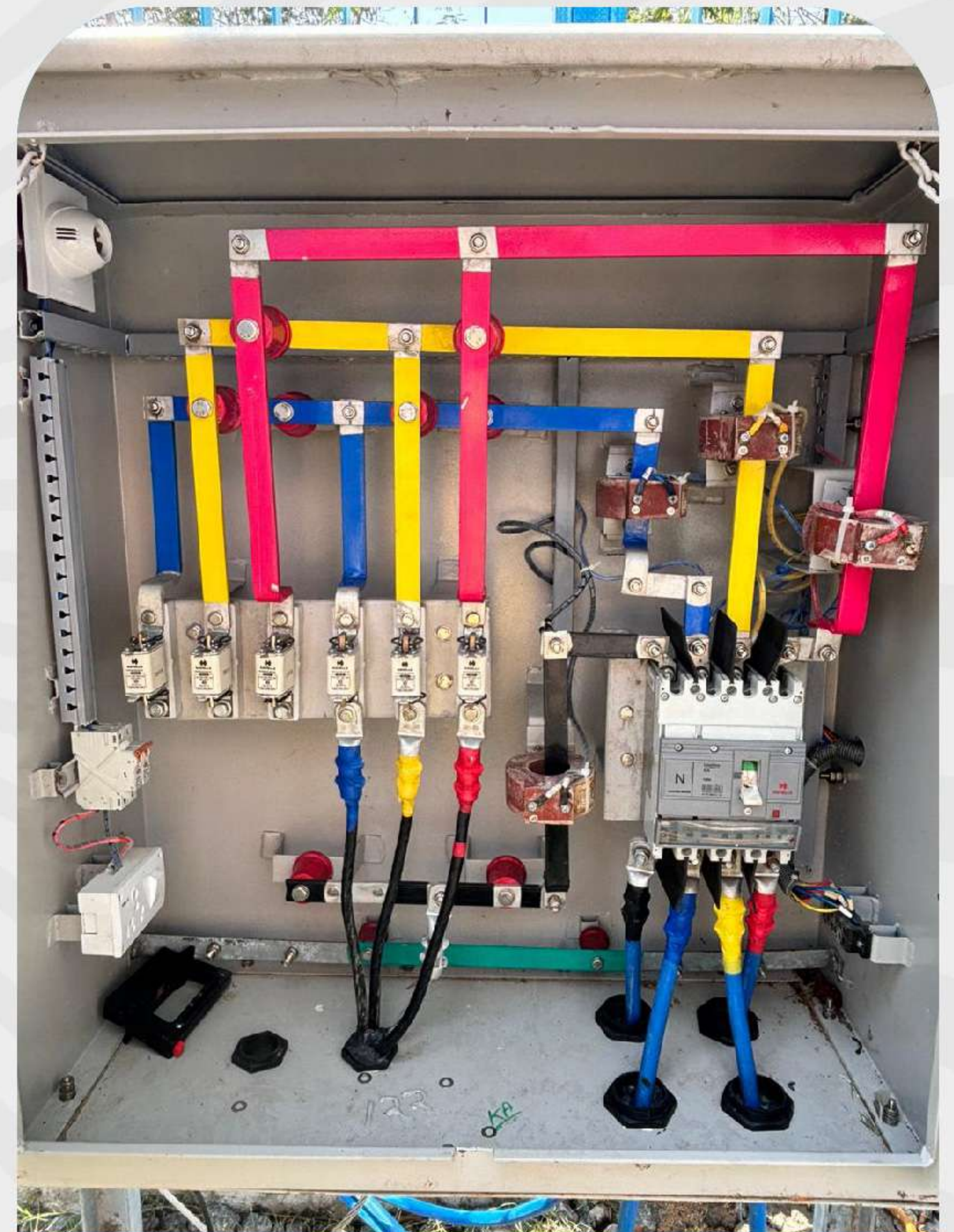
A new 100 kVA transformer is installed to cater the increasing load.





### **Gobindapur Village, Ganjam**

A additional 100 kVA transformer is installed to improve the quality of power supply and mitigate low voltage issues.

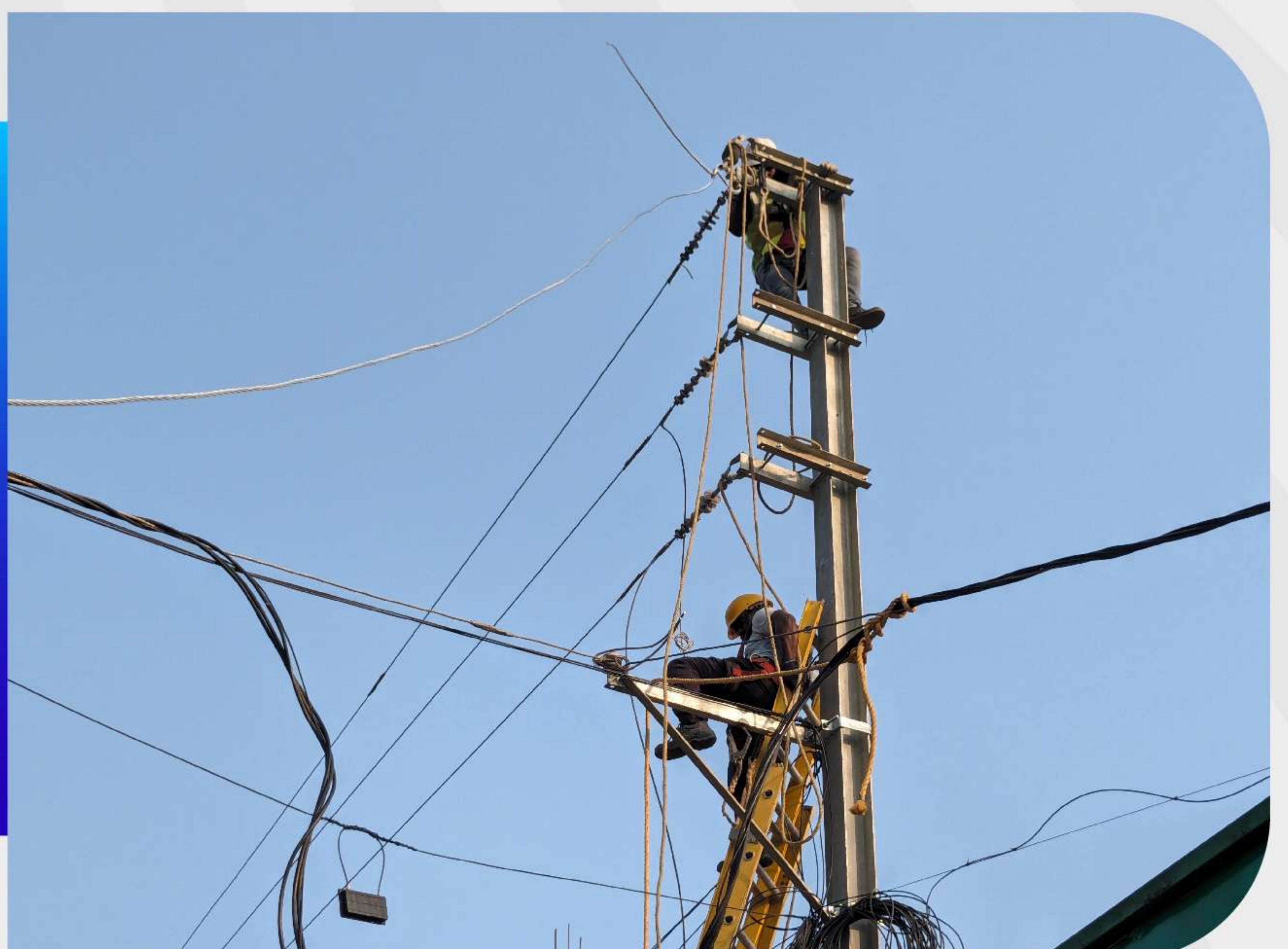


### **Medical Section, Berhampur**

A series of maintenance activities, including installation of 160 Amp MCCB and HRC fuse LTDB in 100 kVA transformer.

### **Gosaninuagaon, Berhampur**

To avoid any breakdown during the summer season and Kalabaisakhi, conductor upgradation work has been carried out.



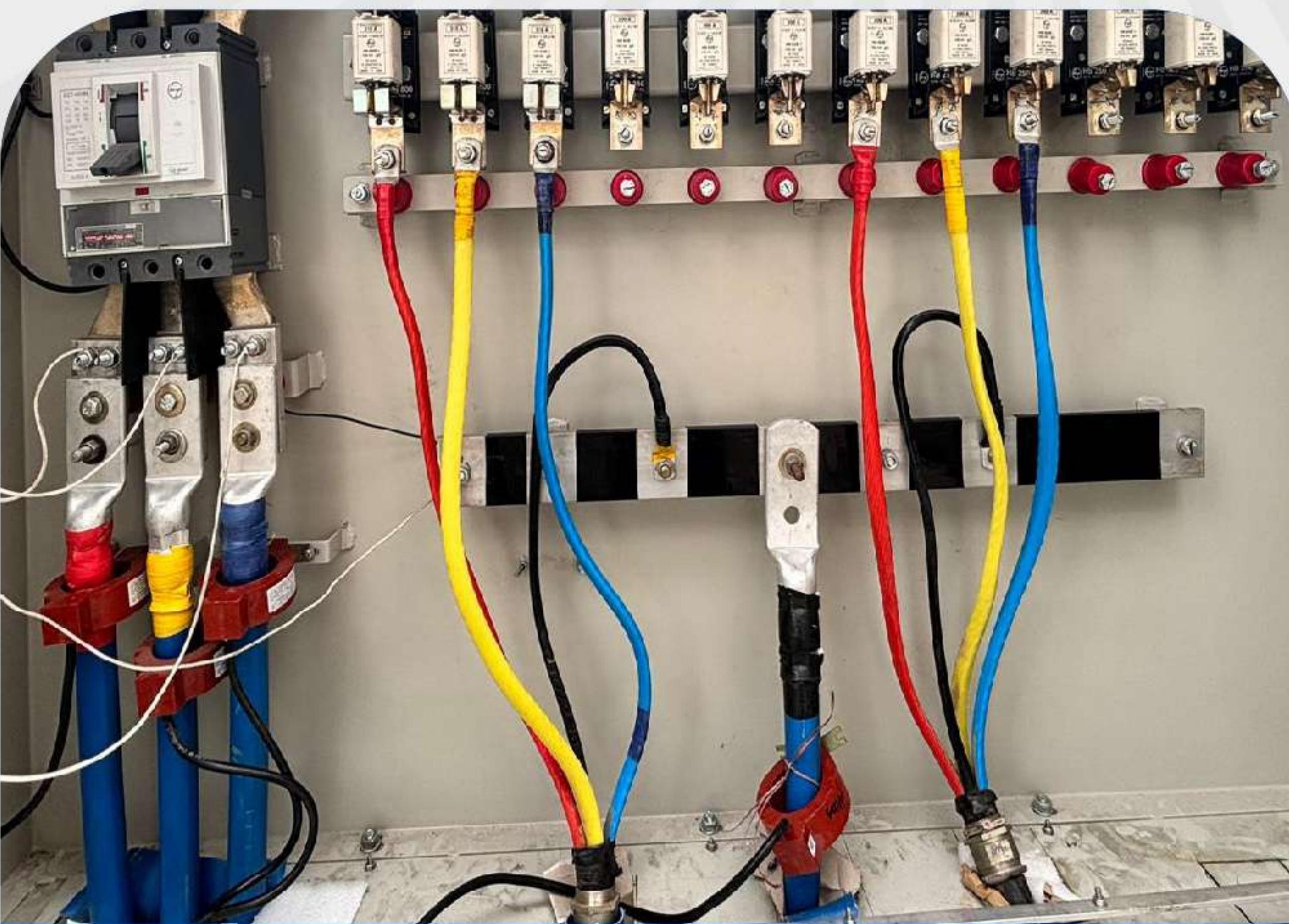


## Reliability Improvement Efforts



### **Digapahandi, Ganjam**

To meet the peak demand of the summer season, a new 63 kVA DTR has been installed.



### **Gosaninuagaon, Berhampur**

A series of maintenance activities including equipments inspection and installation of new electrical equipments took place.



### **Mayapuri, Aska Ganjam**

A series of refurbishment activities took place at 100 kVA Distribution Sub Station (DSS).



### **Biswanath Nagar, Berhampur**

A new 100 kVA transformer is installed to cater the increasing load.





**Balimela PSS,  
Malkangiri**

Augmentation of PTR from 1.6  
MVA to 5 MVA.



**Chakapada,  
Kandhamal**

A new 100 kVA DTR has  
been installed.

**Chandahandi,  
Nabarangpur**

5 MVA PTR installed in  
Chandahandi, Nabarangpur  
under SACI scheme to  
mitigate the over load  
condition during peak  
summer.





## Reliability Improvement Efforts



### **Beguniapada, Ganjam**

A new 25 kVA DTR is installed.



### **Ramgarh, Boudh**

A new 25 kVA DTR has been placed to cater to the peak demand and provide a reliable power supply.



### **Gauranga Vihar, Berhampur**

Transformer upgradation is to ensure an uninterrupted power supply during the peak summer demand.



### **Golanthra, Ganjam**

Maintenance of 33 kV DTR at Golanthara structure has been carried out for reliable power supply during peak summer.





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