

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

APTRANSCO - Implementation of Substation Automation System with IEC 61850 protocol in 220 kV and 132 kV substations – Orders - issued.

T.O.O (Construction-I) Ms. No.220,

Dated: 18-10-2012

**ORDER:**

APTRANSCO decided to implement the substation automation system in 220 kV and 132 kV substations as below.

- a) In all 220 kV Sub stations, automation system will be continued with the Bay kiosks approach as per the existing practice.
- b) In 132 kV Substations, automation system will be implemented for future works with following proposals.
  - i) Automation system will be implemented selectively i.e., Urban areas, Industrial, Power evacuation schemes etc. and also based on recommendations by the Technical Committee. The remaining 132 kV Sub stations will be with Conventional System.
  - ii) Bay kiosk in the switchyard will be avoided and Control & Relay Panels will be installed in the control room with suitable modifications.

This order is issued with the concurrence of Chairman and Managing Director/ APTRANSCO vide Reg. No. 2950, Dated.16/10/2012.

This order will come into effect from the date issue of T.O.O.

By order and in the name of Transmission Corporation of Andhra Pradesh Limited.

Sd/-  
DIRECTOR / TRANSMISSION

To,  
The Chief Engineer/Construction-I/Vidyut Soudha/Hyderabad.

**Copy to:**

✓ The Chief Engineer/EA, RE, Opn., IT/APTRANSCO/VS/Hyd – With a request to place the above orders in APTRANSCO Website.

The Chief Engineer/Construction-II/Vidyut Soudha/Hyderabad.

The Superintending Engineer-PM-I, O/o. Chief Engineer/Construction-I

The Superintending Engineer-PM-II, O/o. Chief Engineer/Construction-II

The Divisional Engineer-I, II, III, IV, O/o. Chief Engineer/Construction-I

The Divisional Engineer-I, II, III, O/o. Chief Engineer/Construction-II

Chief Engineer (EA, RE, Opn., IT)  
APTRANSCO, VS, Hyderabad

Inward No.....5403.....

(P.T.O.)

18 OCT 2012

SE  
DE/RE  
DE/EA  
DE/O&M  
DE/LMC  
DE/IT  
DE/DBA  
ADE (T)

DE/TL&SS/ERP  
DE/TLCC/ERP  
DE/Telecom/ERP  
DE/APDRP  
AO/ERP-1  
AO/ERP-2

(CE/EA, OPN, RE, IT)

DE-6 for me  
19/10/12