

ANDHRA PRADESH POWER GENERATION CORPORATION LIMITED
ABSTRACT

APGENCO – Capital Overhaul of Unit No.10 of KTPS –V Stage – Orders – Issued.

G.OO.No.429/Generation-I/2006.

Date :16.11.2006.

Read the following:

Chief Engineer,Elec.,/ Generation-I Note dated :08.11.2006

ORDER :

- 1) Unit No.10 of KTPS V Stage tripped at 19.43 Hrs. on 08.10.2006. On further investigation, it was found that Generator Stator Winding is faulty and requires considerable time for rectification of 'STATOR EARTH FAULT'. As the work orders have already been placed on M/s.BHEL for carrying out capital overhaul of HP, IP, LP Turbines and Generator of the above unit, the same was converted into Capital overhaul.
- 2) During ongoing Capital Overhauls, certain unforeseen exigencies/unexpected damages have been noticed pertaining to Moving Blades of LP Rotor and fixed blades of Guide Blade Carrier of LP Turbine. Also when the Generator was opened for attending to stator earth fault presuming that the damage would be limited to Top Bar. But the subsequent tests revealed that damages occurred to 'R', 'Y' & 'B' Phases also, which may require complete rewinding of the Stator for ensuring healthiness of Generator. The above activities involve procurement of materials and utilization of expert services of M/s.BHEL, and may require the approvals of MD/SPC/BOARD, which take considerable time. Further the Capital Overhaul and Generator Rectification works are scheduled to be completed within 35 days. However in order to complete the works in shortest possible time, the orders for supply of fixed blades and rectification of Guide Blade Carrier of LP Turbine and also Stator Winding Bars and Insulation material for complete rewinding (if required) of Generator Stator are to be placed immediately after receipt of offers.
- 3) In view of the above, the Chief Engineer/Generation-I has submitted a note cited above, for consideration and perusal of the BOARD of APGENCO for authorizing a committee comprising of Director (Thermal), Director (Commercial) & Director (Finance), to take decisions to arrange all necessary material and expert services required to complete the above unit capital overhaul works smoothly and take back the unit into service at the earliest possible, in view of unforeseen emergencies noticed during ongoing capital overhaul works of Unit No.10 of KTPS V.

(Contd..2

- 4) Andhra Pradesh Power Generation Corporation Ltd (APGENCO), after careful consideration, hereby authorize, the committee comprising of Director (Thermal), Director (Commercial) & Director(Finance), to take all decisions including placement of orders, for arranging all necessary material and expert services required to complete the capital overhaul works of Unit No.10 of KTPS V, smoothly so as to take back the unit into service at the earliest possible.
- 5) After completion of the Capital Overhaul works of Unit No.10 of KTPS V Stage , the Chief Engineer / Generation – I is directed to place the consolidated proposals pertaining to the above works, before the BOARD for ratification.
- 6) This order is issued with the concurrence of BOARD of APGENCO at its 62nd meeting held on 08.11.2006 and minutes dt:16.11.2006 as communicated by Company Secretary/APGENCO.

(BY ORDER AND IN THE NAME OF ANDHRA PRADESH POWER GENERATION CORPORATION LIMITED)

AJAY JAIN
MANAGING DIRECTOR

To
The Chief Engineer/Generation-I/
Vidyutsoudha, Hyderabad

Copy to
PS to Chairman/APGENCO/ Vidyut Soudha/Hyderabad.
PS to Managing Director./APGENCO/ Vidyut Soudha/Hyderabad.
OSD /T to Director/Thermal/APGENCO/ Vidyut Soudha/Hyderabad.
Executive Engineer/Tech to Director(Technical)/APGENCO/Vidyutsoudha/Hyderabad.
ADE(T) to Director(Hydel)/APGENCO/ Vidyut Soudha/Hyderabad.
ADE(T) to Director(Projects)/APGENCO/ Vidyut Soudha/Hyderabad.
P.O. to Director/Commercial/APGENCO/ Vidyut Soudha/Hyderabad.
SAO to Director/Finance/ -do-
Company Secretary/APGENCO/ -do-
P.S/ to General Manager (Adm)/ -do- (2 Copies)
Chief Engineer/O&M/KTPS V Stage/Paloncha/Khammam (Dist)

// FORWARDED BY ORDER//

M. Raju
16/11/06

ASST.DIVISIONAL ENGINEER