Annex – 6
(Long Term Measures)

Measures Implemented

Sl. No	Name of CPRI Recommendation	Location	Benefits
1	Change over from AVR to DVR (U2 & 3)	Turbine Floor area U 2 & 3	Implemented during AOH of U#2 :01/03/2003 by M/s ABB & by M/s BHEL for (U#3) : 9/4/2008. Due to fast response, stability of entire system is achieved during abnormal condition of grid.
2	Installation of DCS	PCR of unit 2	This scheme was implemented during COH of Unit2 in Oct 2011. Schemes covered in DCS are : Main C&I, FSSS, HP/LP bypass, PRDS, TRP, Soot Blower, Turbovisory system & interfacing of generator. ***We are the first to implement DCS with all above schemes in MAHAGENCO as far as retrofitting is concerned within a short span of 55 days and with economical cost.***
3	Replacement of HRH/CRH coils (U2)	Furnace Zone	HRH coils replaced during AOH in Sept 09. HRH tube leakages minimized, efficiency improved, oxides scales removed, heat transfer efficiency improved. P.O for procurement of U2/3 CRH coils is placed in Dec 2011.
4	Replacement of LTSH coils (U2) Replacement of ECO coils	 Second Pass of Boiler	Implemented during COH of U2 in Sept -Oct 2011. Since replacement , no BTL on LTSH & ECO zone are observed. Heat gain of ~ 8.75 kcal / kWh is expected.
5	Central air compressors system (U2)	PCR of unit 2	Previously, Room temp was in the range of 26-28 °C, After implementation of the scheme, temp. is now maintained below 24 Deg C. So life of instruments is increased.