Sustainable Development Plan 2013-14 Activities

S. No.	Activity
1.	**Energy Mgmt. and Promotion of Renewable Energy**
a.	Installation of Magna Drive with Crusher Motor & Conveyor Motor in CHP at one Station
b.	Installation of Roof Top Solar PV Plant at five Stations
c.	Installation of Solar Water heater at one Station
d.	Implementation of variable frequency drive in NOx injection pump and Raw water Pump at one Station
e.	CDM validation and verification at one Station
f.	Replacement of street light(alternate) with solar light at two Stations
g.	Replacement of Sodium Vapour Lamps with LED lamps at three Stations
h.	Procurement of 100 Nos of RECs
2.	**Biodiversity Conservation**
a.	Plantation of 30000 No of trees in & around NTPC plants
b.	Rehabilitation of water body in nearby village at one Station
c.	Study on Bio-Productivity of Gangetic Dolphins at one Station
3.	**Waste Management**
a.	Installation of a facility for conversion of Domestic Waste to Organic Fertilizer at one Station
b.	Vermi Composting for Plant Canteen waste at one Station
c.	Replacement of insulation of Turbine of Unit #2 with eco friendly material at one Station
d.	Waste Management Study at one Station
4.	**Water Management**
a.	Sewage treatment by Soil Biotechnology at one Station
b.	Rain Water Harvesting at one Station
5.	**Others (Reduction of Air emission)**
	Reduction in Stack SPM using Flue Gas Conditioning Technology at one Station
6.	**Life cycle environmental impact**
	Initiation of Environmental studies at five Stations