

## **ADANI POWER MAHARASHTRA LTD. TIRODA**

### **PROPOSED FOREST LAND FOR ASH UTILIZATION PROMOTION AND RESEARCH PARK:**

Adani Power Limited has entered the power sector to harbing a power full India by generating 20,000 MW of power by 2020. Adani Power Limited has built India's largest and one of the world's top 5 single location thermal power plant at Mundra, Gujarat.

Adani Power Maharashtra Limited (APML) is a subsidiary company of Adani Power Limited. The company has establish a coal based Thermal Power Plant of 3300 (5x660) MW capacity at MIDC, Tiroda, Gondia district. The present proposal is for developing an Ash Utilization Promotion and Research Park, which involves diversion of 141.99 Ha Forest Land for non-forestry purposed. The park will be a Centre of excellence for Ash Utilization Promotion and Research for Adani Group, which will cater to the Thermal Power Sector of the country.

Adani Power Maharashtra Limited (APML) has proposed to develop centralized an Ash Utilization Promotion and Research Park at our Tiroda Thermal Power Plant as a central facility for Adani Group Power Plants and a demonstration centre for the country.

The proposed park will have an integrated facility for research in fly ash utilization for development of new technologies and utilization avenues. The technologies such developed will undergo pilot scale trials. The successful technologies will be tried at full plant scale and will be demonstrated for its adaptation elsewhere in the country.

- Such park needs to be located close to the Thermal Power Plant for pneumatic transfer of fly ash in environment friendly manner.
- Location of Thermal Power Plant in such that State Highway 249 is on the North, while proposed Eco Sensitive Zone is in the South. In the west Tiroda Town & Villages are located in the close proximity.
- This Forest Land is in between the land parcels allotted to APML and is best suitable for such Ash Utilization Promotion and Research Park. Also the Forest Land does not support good vegetation and there is no wild life sighted in the area.

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### Purpose-wise break-up of the required Forest Land

The required land is proposed to be utilised for the following purpose:

Sl. No	Description of Facility	Forest Land being utilised (in Ha)
1	Research Plot for Forestry Application for Fly Ash	24.95 Ha.
2	Research Institute for Fly Ash Utilization Program	3.00 Ha.
3	Fly Ash Utilization Demonstration Park	2.50 Ha.
4	Pilot Scale Trial Facility with Curing & Drying facility	5.00 Ha.
5	Agricultural Application Research Facility	10.00 Ha.
6	Central Laboratory	0.39 Ha.
7	Raw Material Storage Facility	46.85 Ha.
8	Finished Goods Storage Yard	0.50 Ha.
9	Common Utility for Fly Ash Park	0.50 Ha.
10	Cenosphere Beneficiation Centre	1.00 Ha.
11	Roads & Drains	2.50 Ha.
12	Green Belt & Medicinal Plantation	44.80 Ha.
	<b>Total</b>	<b>141.99</b>