

Adani Power introduces Vermicomposting technology in Tirora

■ District Correspondent

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ADANI Power Ltd, a subsidiary of Adani Enterprises Ltd and part of the Adani Group, a global integrated infrastructure player, announced that it has introduced a new sustainable livelihood development programme of vermicomposting in 18 villages in Tirora, Maharashtra. This will support the livelihoods of locals, especially farmers of the region, where it is setting up a 3,300 megawatts power project.

The vermicomposting programme is part of the Adani Power's conscious efforts towards safe removal and environment friendly management of fly ash, released during electricity generation in its power plants in Tirora, Mundra in Gujarat and Kawai in Rajasthan.

"We have always been a firm believer in operating our power plants in an environment friendly manner. After the success of this pilot project of vermicomposting in Mundra, we have now introduced this successfully at Tirora. At Adani

Power we believe in promoting sustainable knowledge and skill development in an environment friendly manner amongst the communities around which we oper-

ing," said Vineet Jain, CEO, Adani Power.

As per the programme, farmers of the region have been imparted technical training in the making of

tonnes of flyash in two month period.

Nearly 400 locals, including farmers have been trained in this programme across the villages of

Adani Power mixes fly ash with organic matter, in the form of cow dung, on a 1:1 ratio and incubates it with anecic earthworms for 50 days. The concentration of phos-

amounts of insoluble minerals from fly ash into more soluble forms and thus results in increased bio-availability of the nutrients in the Vermicomposted series.

only protects and conserves the environment but also supports the recovery of the important nutrients present in it. This makes Vermicomposting a viable, cost-effective and rapid technique for the efficient management and disposal of agricultural as well as industrial wastes.

Pertinently, Adani Foundation has collaborated with the Environment Department of the state government to conduct training for farmers for using fly ash as a source of plant nutrient in agriculture.

Adani Power's Tirora plant, which is the central India's largest private power station, contributes 2,640 MW to the company's total generation capacity of 8,620 MW. The plant is currently operating four units of 660 MW and will soon commission its fifth unit, also of 660 MW, thus achieving its full capacity of 3,300 MW.

All 660 MW units are designed as per the energy efficient and environment friendly supercritical technology.



(R) The villagers being given training in vermicomposting. (C) A woman at her home with vermicompost. (L) The Adani officials inspecting vermicomposting at plant.

ate. The main idea for promoting the vermicomposting programme is to make farmers of the Tirora region self-reliant as well as to reduce the dependency on inorganic farm-

vermicompost and are supplied with earth worms as well. It is assumed that more than 1,000 farmers can produce vermicompost by consuming 1000 metric

Kawalewada, Dhamnewada, Garada, Churdi, Kachewani, Jamuniya, Barbaspura, Thanegoan, Bhivapur, Chirekhani, Chikhali and Khamari.

In its Vermicomposting unit,

phate-solubilising bacteria (PSB) is found to increase manifold in the earthworm-treated series of fly ash and organic matter combination. This helps transform considerable

Cattle dung is available in abundance from villages near the project. Therefore, appropriate coal fly ash and cattle dung management technology was desired, which not