



Case Study –Infosys(Pochharam campus), Hyderabad

This case study represents how a corporate establishment (IT firm) can depend on the BioUrja as a better alternative to composters where the former delivers low cost and high quality fuel in the form of BioCNG and thereby replacing a significant portion of their fuel needs.

Infosys Ltd is an Indian multinational corporation that provides business consulting, information technology, software engineering and outsourcing services.



Project Details

Waste Processing Capacity	Max. of 1000 kg per day
Total expected gas generation	70 Kgs of LPG equivalent
Water Intake	NIL
Main Reactor Base Area	10 sq m
Total area covered by the system	49 sq m
Annual Waste Processing Capacity	365 tons
Annual GHG mitigation	More than 400 tons of carbon dioxide equivalent
Operational since	June 14

Performance

The current level of waste addition is 1000 kg/day. The waste stream includes both food preparation waste (uncut vegetables, etc) and cooked food waste from the cafeteria and the kitchen.

Current Waste Input	1000 Kgs
Daily Raw Gas Production	140 m ³



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Daily LPG equivalent production	70 Kgs
Gas Productivity	140 Ltrs/Kg

Financial Returns

Operational Cost of generating 1 kg LPG equivalent Gas	INR 8/-
Net Present Value of the Project	INR 1.7 Cr
Payback Period	<2 years