

Camargo Waste to Energy Power Plant

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The Camargo Waste to Energy Power plant project is being proposed to dispose of Municipal Solid Waste (MSW) produced in Mexico. Currently, most urban Municipal Solid Wastes in Mexico are discarded in landfills. The Camargo Waste to Energy (WTE) power station is an opportunity to continue a green path of human ingenuity and technical advancement. The goal of this plant is to achieve a solution that can efficiently deal with the substantial percentages of solid waste, while also creating energy.

The facility will be designed to handle 600 pound per hour of MSW collected from Camargo, Monterrey, and other Mexican municipalities. This facility has additional recycling capability by separating glass, ferrous, and non-ferrous metals from raw MSW feedstock. The pyrolytic thermal conversion (PTC) process uses pyrolysis technology to convert organic-based wastes into valuable products like pyro-gas, pyro-oil, and char. Over 99 percent of waste processed by PTC will convert to energy and other saleable and usable products. This facility provides a nearly zero-landfill carbon neutral solution to the waste management field.