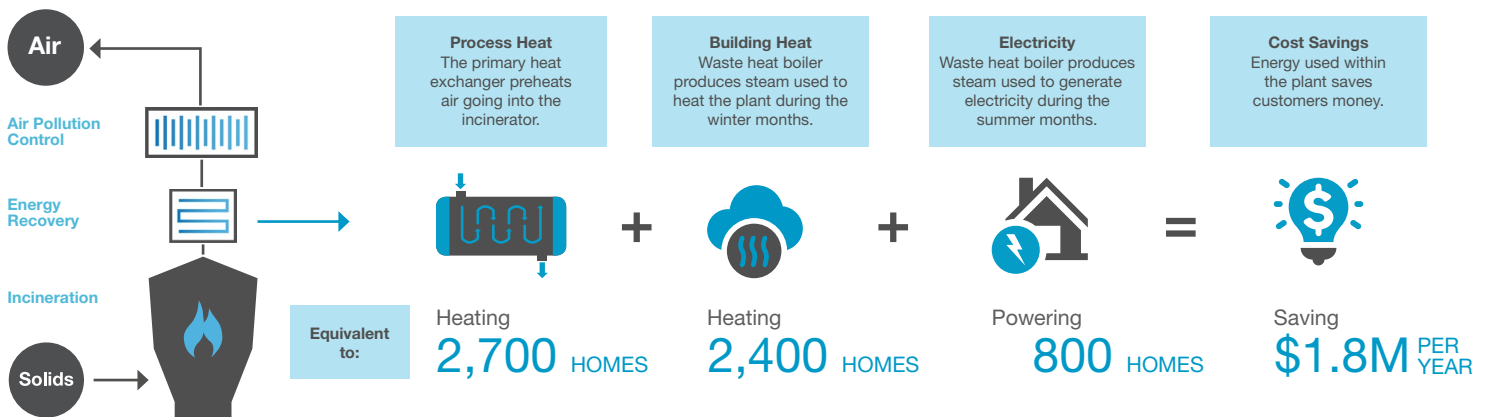




The Metro Plant incineration system is a model for sustainable incineration in the wastewater treatment community.

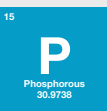
## Energy Recovery

Wastewater solids are a renewable fuel with a heating value similar to wood or low-grade coal. Energy recovered from wastewater solids reduces purchased natural gas and/or electricity.




## Beneficial Use of Ash

The ash remaining after the incineration process is low in metals, high in phosphorus, and has valuable micronutrients. Metropolitan Council Environmental Services is actively exploring potential reuse of the ash as a fertilizer and concrete additive.




Metro Plant ash is 24% total and 14% available phosphorus.




The equivalent phosphorus and micronutrients in the ash would have an estimated value of \$250/ton as a commercial fertilizer.

## Greenhouse Gas Offset

The avoided greenhouse gas emissions from fossil fuel sources is 32,000 metric tons per year, as CO2.



That's equivalent totaking **7,000 passenger cars** off the road each year.



Learn more

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MCES Mission

Provide wastewater services and integrated planning to ensure sustainable water quality and water supply for the region.