



Metropolitan Council Environmental Services will increase its energy efficiency and generate and recover energy at its facilities, when economically feasible.

Since 2006, we've **reduced our energy usage** by 160,000 million BTU. That's about 1,800 households and **\$3.5 million** in **annual savings**.

Manhole



## MCES Sewer Interceptor

Our treatment process removes pollutants and returns clean water to the environment.

We treat wastewater from bathing, laundry, toilets, kitchens, commercial and industrial uses.



## SOLAR

Through public private partnerships, we contribute to the advancement of renewable energy.

**Community Solar Gardens**  
Solar gardens at our facilities generate 9 MW of energy, enough to power nearly 600 homes.



## 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.

### REDUCE RELIANCE ON COAL AND NATURAL GAS

- Gas and steam recovery from solids treatment processes
- Effluent heat recovery



## ENERGY REDUCTION

### ENERGY EFFICIENT EQUIPMENT

- New/retrofit motors, pumps, and motor controls
- Gravity belt thickener

### PROCESS OPTIMIZATION

- Aeration management & maintenance
- Efficient boilers

### BUILDING EFFICIENCY

- Follow energy-saving practices
- LED lighting and occupancy sensors

### 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.