

Steam Elimination and Heat Recovery at Fort Wayne Assembly Plant



General Motors reduced natural gas use and its associated carbon emissions by 30% since 2019 at its Fort Wayne Assembly Plant, through heat recovery from 4 electric generator engines and the use of that heat in building heating and cooling.

- ▶ Achieved savings of over 140,000 MTCO₂e, and project is replicable at other GM sites
- ▶ Steam use completely removed from the site by transitioning from a large, traditional steam system to a Combined Heat and Power solution, harvesting heat from landfill gas powered generators through heat exchangers
- ▶ Recovering heat from the on-site generators provides over 80% of the comfort heat for the site

