

The City of Denison Energy Initiative

City of Denison and Schneider Electric have partnered to implement a citywide energy and infrastructure improvement project, which will:

- Generate over \$3.2 million in guaranteed dollar savings over 15 years
- Reduce utility costs by 20%
- Garner over \$200,000 in total collective utility rebates
- Provide process enhancements and improved system maintenance capability at wastewater treatment plant

Paw Paw Wastewater Treatment Plant Seeing Results

- Savings dollars for the initial performance period (3 months) were nearly \$200,000
- Monthly average kWh consumption moved from 325,000 kWh to below 150,000 kWh
- Monthly kW(Demand) decreased by 55%
- There have been no reported comfort or performance issues with lighting, mechanical or controls upgrades

Project benefits:

- Budget-friendly approach to major facility improvements
- Maximizing operational efficiency of wastewater treatment plant
- Making environment cleaner, healthier
- Shows energy and sustainability leadership in the region

An energy performance contract acts as a mini-stimulus. For example, Denison's \$7.9M project can be expected to:

- Create over 75 jobs
- Drive an additional \$11M in business sales
- Lower operational costs – saving the taxpayer money
- Address deferred maintenance in city facilities



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What's new in city facilities:

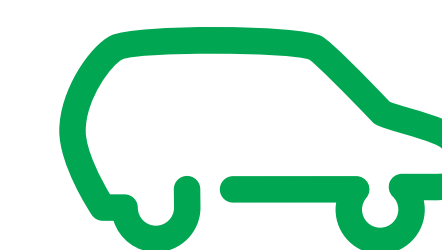
- Extensive renovations to wastewater treatment plant
- Energy management system (EMS)
- Major HVAC replacements
- Comprehensive lighting retrofit

Once completed, the project will provide utility savings equivalent to:



removing over **958,000 tons of carbon dioxide** from the atmosphere

— OR —



removing **295 cars** from the roads

— OR —



planting **435 acres of new trees**

"Schneider Electric worked closely with us to identify a cost-effective way to make upgrades in our municipal buildings through the creative and low-risk funding mechanism of an energy savings performance contract."

- Jared Johnson, Mayor, City of Denison

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