



# Sumter Sanitation



**The Villages®**

Community Development Districts

*Hospitality ~ Stewardship ~ Hard Work ~ Innovation & Creativity*

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- North Sumter County Utility Dependent District (NSCUDD) purchased Sumter Sanitation, LLC in December 2012.
- Sumter Sanitation services Marion County, Sumter County, and the Fruitland Park areas of The Villages.
- At the time of purchase, there were 39,700 residential and 200 commercial accounts. Today, Sumter Sanitation services approximately 53,670 residential and 304 commercial accounts.



- We utilize a “Waste-to-Energy” program that diverts waste from landfills to generate energy from the combustion of municipal solid waste. Waste-to-Energy facilities convert waste to power steam turbines which generate electricity for homes and businesses, reducing greenhouse gases and landfill waste. The resulting ash is processed to recover metal for recycling while all gases are collected, filtered and cleaned to minimize environmental impact.
- Waste-to-Energy is widely recognized as a technology that helps mitigate climate change. It is the only form of energy generation that actually reduces greenhouse gases and play an important role in addressing climate change due to avoiding methane from landfills, offsetting emissions from fossil fuel electrical production and recovering metals for recycling.



Powering Today. Protecting Tomorrow.

## The Villages Waste-to-Energy Programs contributes to:

- Powering more than 1 million homes with reliable energy – 24 hours a day, seven days a week;
- Recovering more than 600,000 tons of metal each year for recycling, the equivalent amount of steel to build more than 450,000 automobiles;
- Eliminates transportation of solid waste to landfills including out of state landfills;
- Eliminates emissions from landfills, which are “super-emitters” of methane, a greenhouse gas that is 84 times more potent as a climate-warming gas than CO<sub>2</sub>.



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## The Villages Numbers for Fiscal Year 2022

- NSCUDD has sent 47,682 tons of solid waste to the Covanta Okahumpka Facility. Resulting in:
  - Avoided 47,682 tons of CO<sub>2</sub> equivalent greenhouse gases.
  - Generated 26,225,100 kWh of renewable energy...enough to power 28,693 homes for a month.
  - Reduced the need for 11,921 tons of coal or 2,002,644 gallons of fuel oil.
  - Recycled 2,384,100 pounds of metal that otherwise would have been landfilled.

# Solid Waste Operations in The Villages

## ➤ Amount of material collected in FY22:

- 47,682 tons of Residential & Commercial Solid Waste
- 9,989 Bulk Pickups

## ➤ Equipment:

- 24 Solid Waste Rear Loading Trucks
- 2 Commercial Front Loading Trucks
- 1 Bulk / White Goods Truck



# Thank you!

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