

Muscatine  
Area  
Resource  
Recovery for  
Vehicles &  
Energy

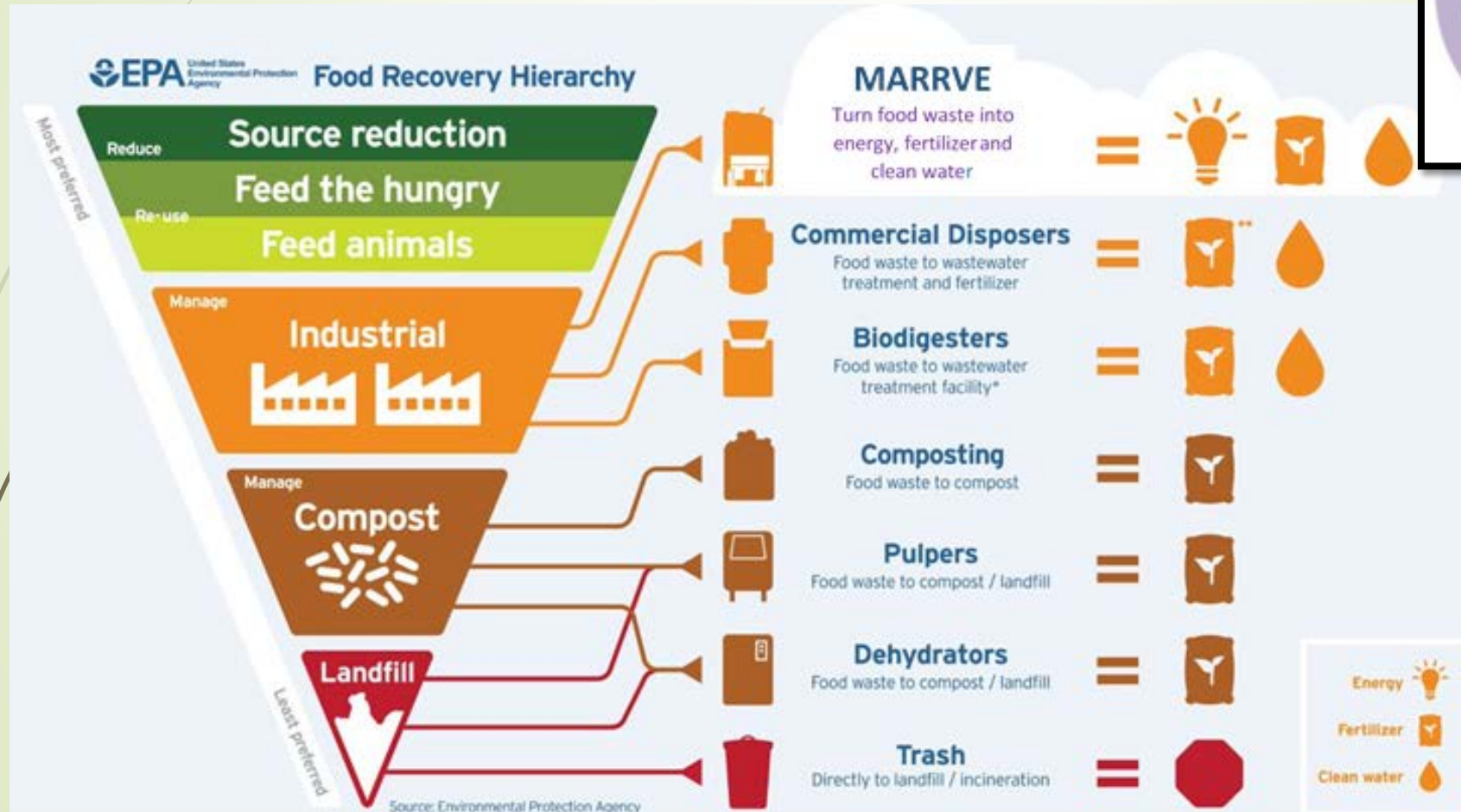
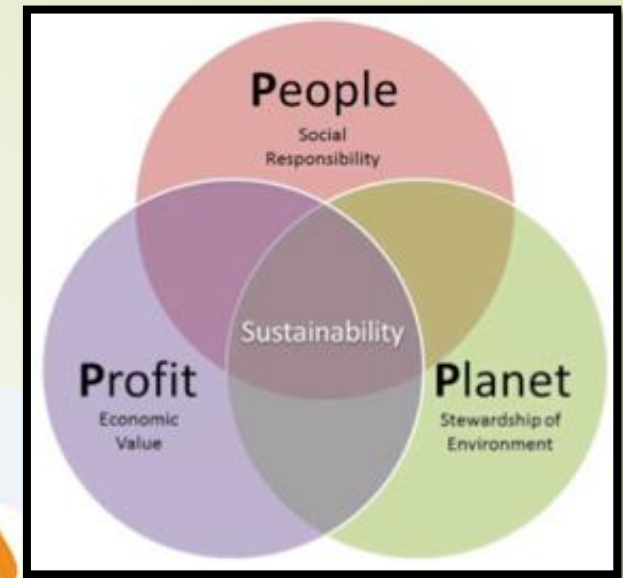
Building a food waste recovery facility



Midwest Food Recovery Summit Des Moines, IA

Sept. 11-13, 2018

# Our Philosophy



# Why did we want to work this hard?



Watching energy waste off into the air

Watching 10 tons/day go to landfill



# Food Waste Receiving Is Fun!

So why isn't everyone doing it?

Travelling the country to find a facility trying to do what we plant to do, only Hermitage came close but without refuse truck receiving.

## San Diego, CA Food Bank



## Janesville, WI WWTP



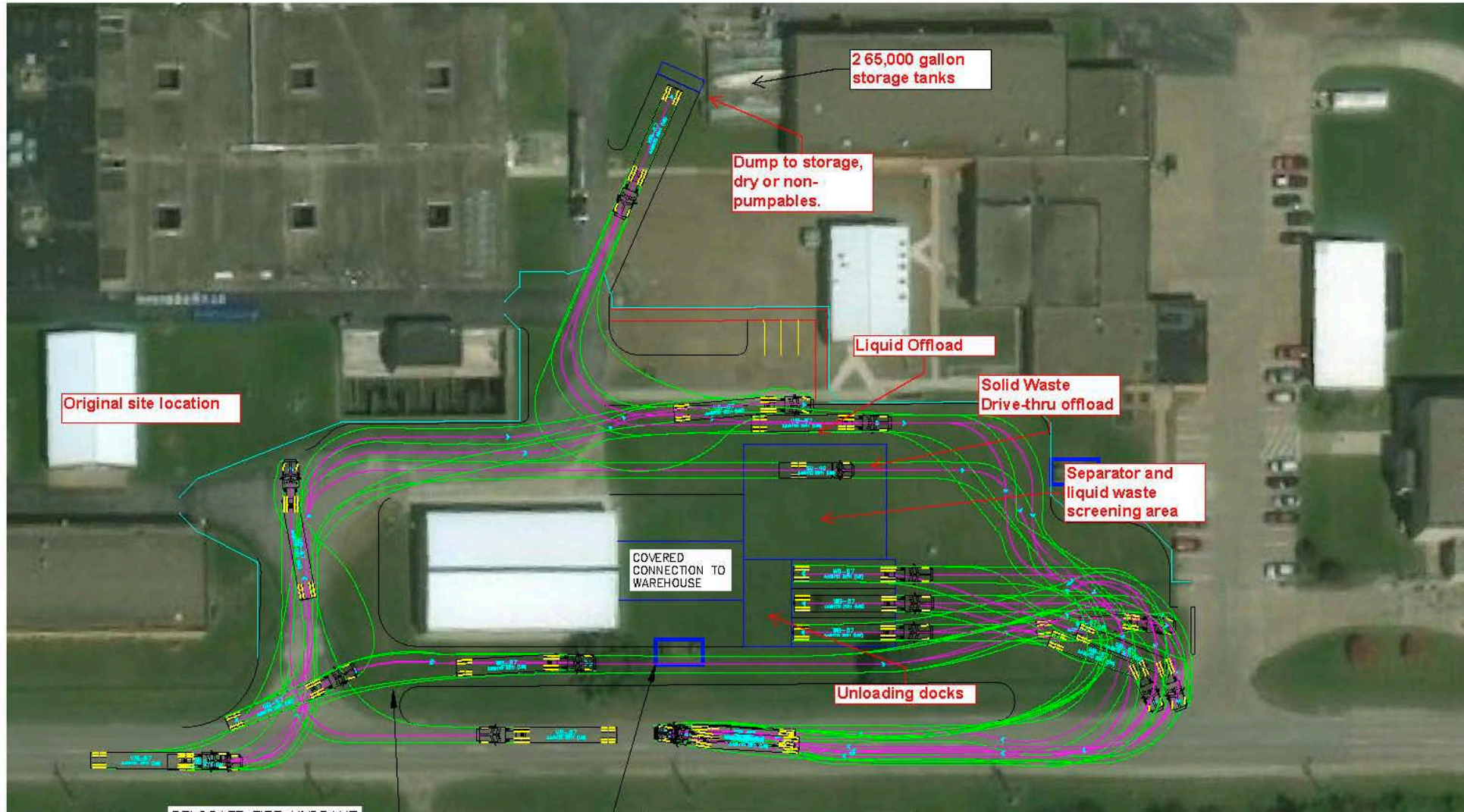
## Hermitage, PA Food Waste to Energy and Wastewater Reclamation Facility



## Kansas City, MO WWTP

# Water & Resource Recovery Facilities

► We are made for this kind of work

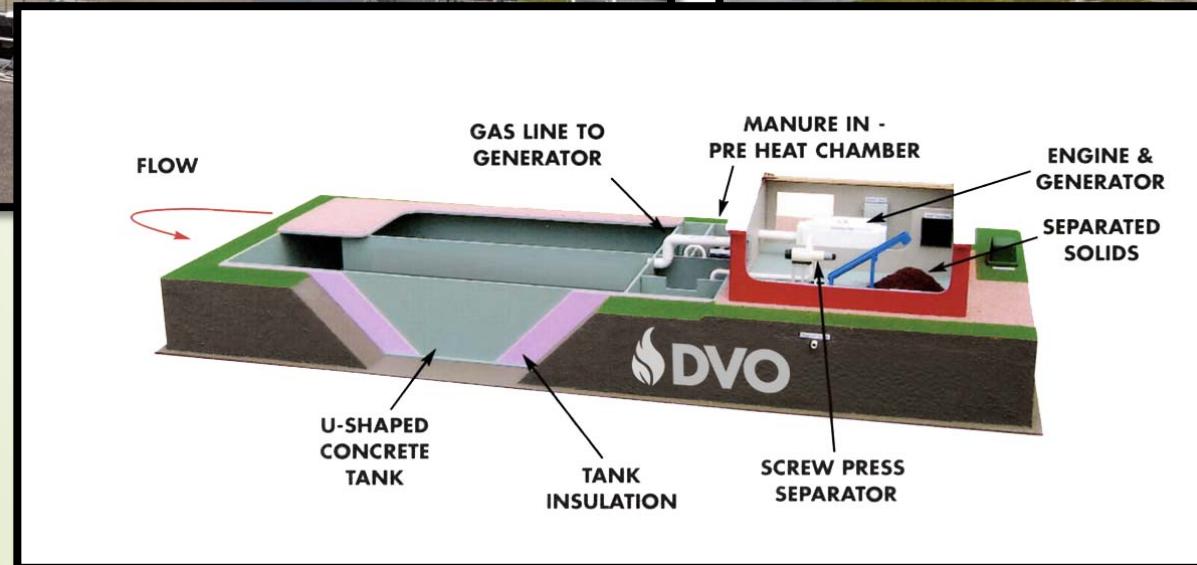


# Anaerobic Digesters

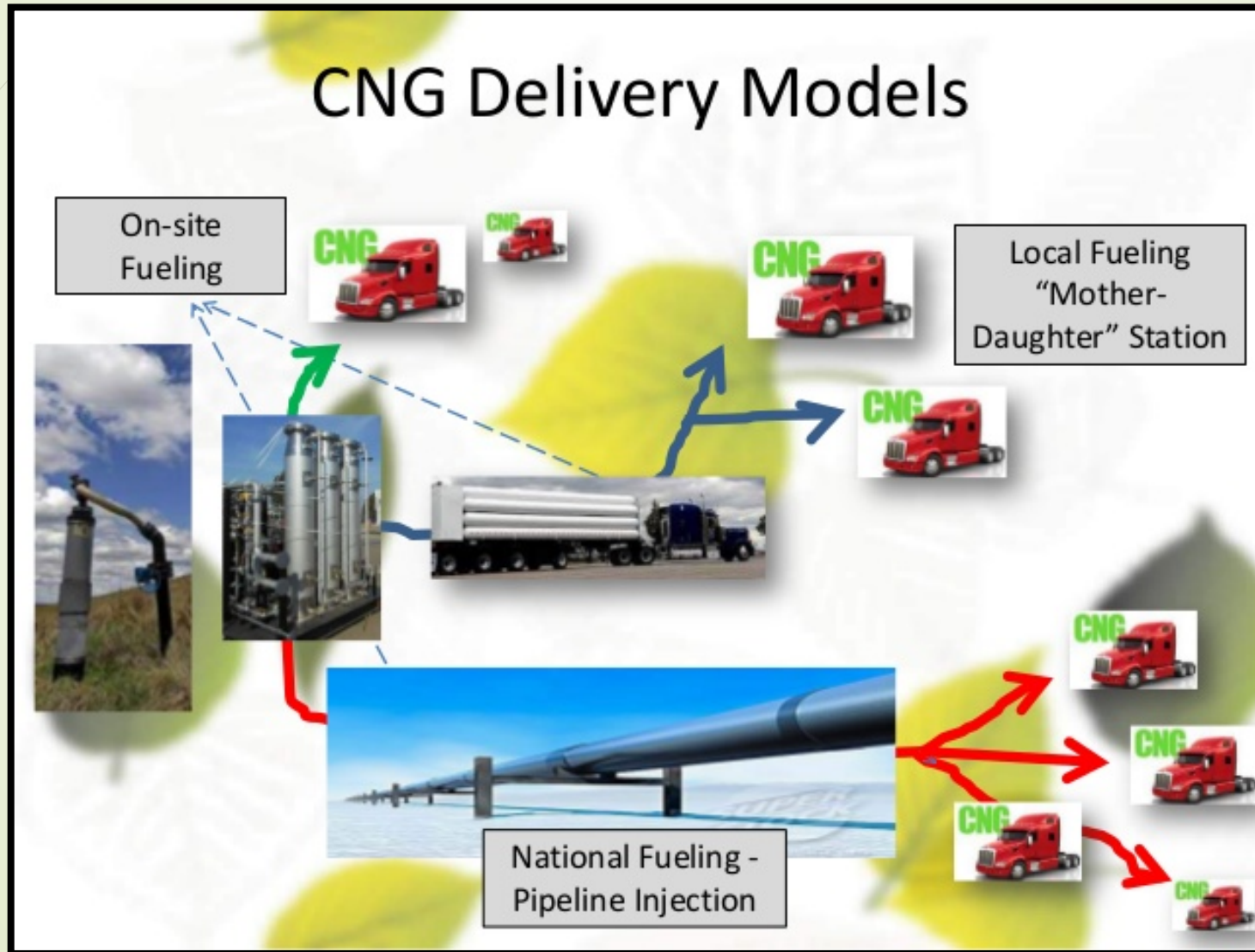
Existing and available



New Digesters

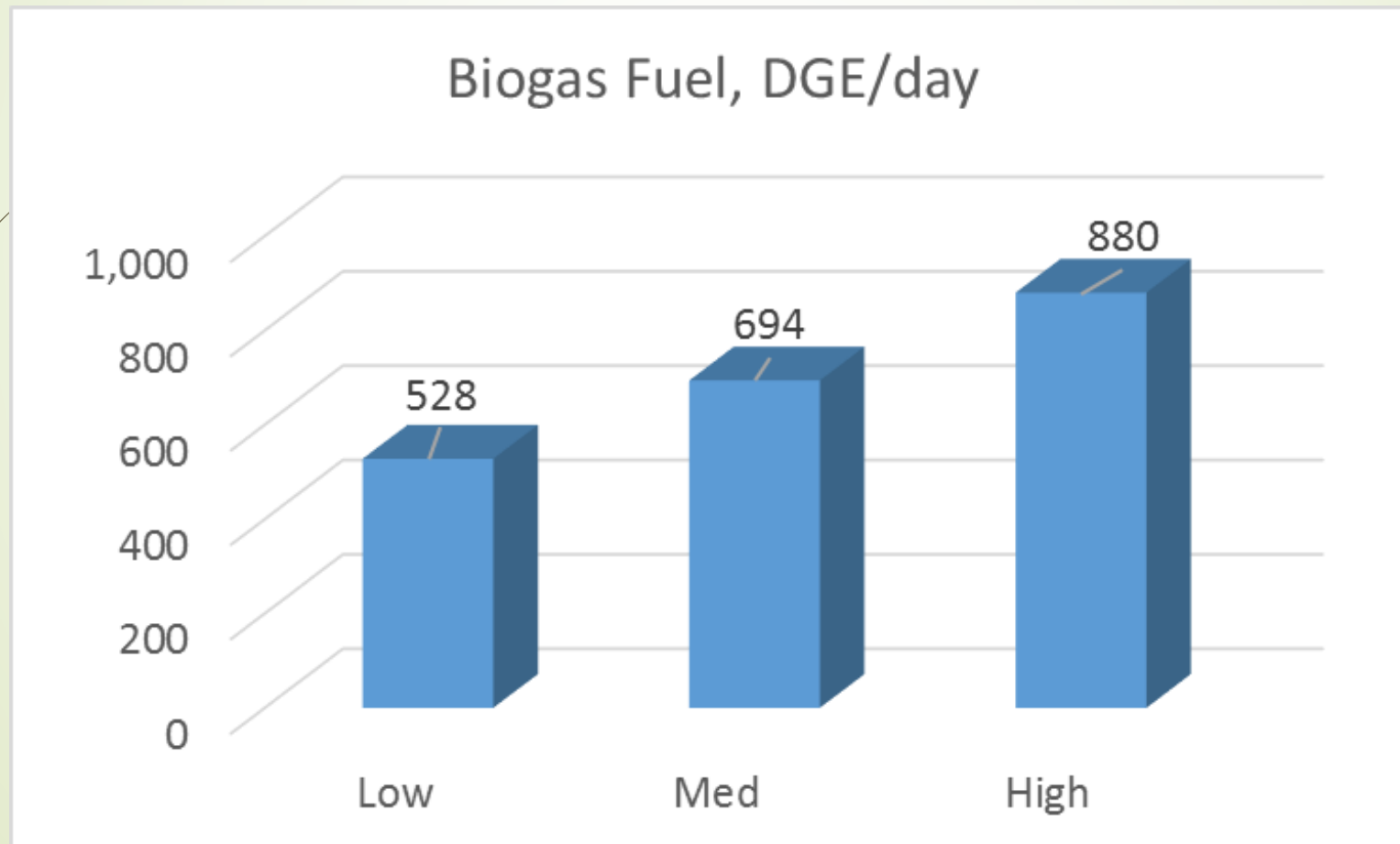


# MARR for Vehicles and Energy



# Free Fuel!!

- How many gallons would you add?







# Conclusion

- ▶ It is time for more facilities to start planning, 3-5 years out from production
- ▶ There needs to be incentives, grants, etc.
- ▶ Ag producers need mandates to make the move
- ▶ Waste has always been with us, now we make it work for us

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