



*Your renewable energy team*

# **“Red Hot in Decatur” The Morgan County – Decatur Landfill Gas Utilization Project**



## *Granger's History*

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Granger, a comprehensive solid waste management organization, is based in Lansing, MI:

- ⊕ Knows and understands the landfill business – a landfill owner and operator for over thirty (30) years;
- ⊕ Successful development of thirteen (13) landfill gas utilization projects in the States of MI, IN, OH, AL, and PA – totaling twenty (20) years experience producing, processing and utilizing landfill gas.

*Morgan County – Decatur Landfill*  
**Decatur, AL**

*Morgan County*  
**REGIONAL  
LANDFILL**

OPERATED BY: THE CITY OF DECATUR



## ***Morgan County LFG Project – Decatur, AL***

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### **PROJECT DEFINITION**

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- ⊕ Morgan County Landfill – 2.7 tons in place
  
- ⊕ Project partners:
  - Morgan County
  - City of Decatur
  - Granger Energy
  - Nucor Steel Decatur, LLC
  
- ⊕ 720 SCFM

# Morgan County LFG Project – Decatur, AL



## ***Morgan County LFG Project – Decatur, AL***

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***Gas Processing Facility***



## ***Morgan County LFG Project – Decatur, AL***

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### ***Granger installed 100 shallow wells***



## ***Morgan County LFG Project – Decatur, AL***

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***Gas Processing Facility***



## ***Morgan County LFG Project – Decatur, AL***



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***Continuous Caster Mold***

## ***Morgan County LFG Project – Decatur, AL***

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## ***Morgan County LFG Project – Decatur, AL***

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***Slab from caster entering  
tunnel furnace***

## ***Morgan County LFG Project – Decatur, AL***

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### **SUMMARY – UNIQUE ATTRIBUTES OF THE PROJECT**

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- ⊕ Small projects do work!
- ⊕ Proximity to Nucor (very few ROW's)
- ⊕ Complete collaboration between all parties (“win-win-win”)
- ⊕ Keep it simple – mixing station
- ⊕ Nucor’s commitment to environmental stewardship  
(Nucor is the largest steel recycler in the world)



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