

# **NOBLE HILL LANDFILL RENEWABLE ENERGY CENTER**

## **Project at a Glance**

Feasibility study completed by Shaw Environmental Inc. (Columbia, MO)

Memorandum of Understanding developed between City of Springfield  
and City Utilities of Springfield

Approved by the Board of Public Utilities

Approved by the Springfield City Council

Power Project contract preparation, bidding, and evaluation  
by City Utilities Staff

Power Project design/furnish/erect contract awarded to  
Landfill Energy Systems (Wixom, MI)

- Major equipment supplier Fabick Caterpillar (Springfield)  
two 1.6 MW engine generators
- Field construction contract by Carson-Mitchell (Springfield)
  - ✓ Subcontractors: A-1 Electric Service (Springfield)  
Springfield Engineering Company (Springfield)

Gas collection system project designed for the City of Springfield  
by Shaw Environmental Inc. (Columbia, MO)

Gas collection and blower/flare system contract awarded to  
Landmarc Environmental Systems LLC (Naperville, IL)

- Installed 46 gas collection wells
- Installed 18,000 feet of gas collection piping
- Installed blower flare system furnished by  
Perennial Energy (West Plains, MO)

Net project generating capacity: 3.2 Megawatts

Budgeted project cost: \$7 million