

## Facility Profile: Noble Hill Landfill

### PROJECT LOCATION

Springfield, MO  
(Greene County)

### RENEWABLE TYPE

Landfill Gas

### COMMERCIAL ON-LINE DATE (COD)

May 2006

### TOTAL CAPACITY

3.2 MW

### ANNUAL ENERGY PRODUCTION

25000 MWh

### DEVELOPER/OWNER/ POWER OFFTAKER

City Utilities of Springfield &  
City of Springfield

### PROJECT SITE

- The generators pump out electricity directly into City Utilities of Springfield power lines — enough to power about 3,000 homes annually.

### PROJECT DEVELOPMENT

- Project was developed through a Memorandum of Understanding developed between the City of Springfield and City Utilities of Springfield which would displace base load energy from two coal fired facilities.

### TECHNOLOGY DETAILS

- Two Fabick Caterpillar 1.6 MW engine generators.
- Installed blower flare system furnished by Perennial Energy.
- 46 gas collection wells installed.



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