



CASE STUDY

MEAD JOHNSON & COMPANY, IN

TECHNOLOGY TYPE

LANDFILL TO GAS ENERGY
POWER PURCHASE AGREEMENT
RENEWABLE ENERGY

BLOWER STATION CAPACITY

2,000
STANDARD CUBIC FEET PER MINUTE

PIPELINE LENGTH

5
MILES

ANNUAL CO₂ REDUCTION

24,000
TONS

CAPACITY:

3.8 MW

SUMMARY

Mead Johnson & Company selected Ameresco to design, build, and implement a 5-mile pipeline to use landfill gas to meet a significant portion of energy needs at the company's manufacturing facility in Evansville, IN.

SERVICES PROVIDED

Landfill gas used at Mead Johnson displaces natural gas in their steam boilers. Mead Johnson installed new burners in their boilers to use the landfill gas.

- Designed and built five-mile pipeline
- Pipeline installed using horizontal directional drilling
- Two-stage blower stations designed for capacity of 2,000 SCFM



“...Evansville is dedicated to supporting projects and initiatives that improve the environmental, social and economic health of our community... This is a great example of how we can partner with businesses to... Achieve positive results.”

Jonathan Weinzapfel
Mayor, City of Evansville

CUSTOMER BENEFITS

The project with Ameresco, which was the first of its kind for Mead Johnson and the City of Evansville, uses a green technology proven to be safe and reliable. The system uses gas occurring naturally from the decomposition of organic materials in a city landfill.

- Pipeline route created without disruption to traffic or private property
- Project rapidly completed and fully operational
- Reduce annual net CO₂ greenhouse gas emissions in area by 24,000 tons
- Reduced need for energy from traditional power plants fueled by fossil fuels
- Utilizing local renewable resources
- Improved quality of life for community

For the full story, visit: ameresco.com