



**SYNAGRO ADVANTAGE**

Renewable energy is a rapidly evolving territory, and Synagro is your guide for transforming existing natural waste challenges into sustainable power resources.

Our unequalled experience using proven technologies distinguish us as leaders in the green energy market intent on fostering:

- Production of low-cost renewable energy;
- Economic, environmental and social sustainability;
- Improved energy efficiency;
- Decreased dependence on foreign oil;
- Environmental stewardship; and
- Reduction in carbon footprint.


**RENEW YOUR KNOWLEDGE**

Every year Synagro produces 30,000 tons of renewable biosolid fuel pellets which offsets 10,000 tons of coal fossil fuels.

Biosolids energy = 100% renewable

**15,000** homes can be lit by electricity generated from Synagro's biosolid transforming process in Woonsocket, Rhode Island.



 = 1,000 homes

**REVITALIZE. REDEDICATE. RENEW.**

Business is changing. As the nature of global commerce evolves, diverse constituencies – from municipalities to corporations to consumers – are recognizing the need to identify innovative sources for sustainable power. They're focused on developing targeted strategies that harness the potential of our natural environment. And they're dedicated to investing in next-generation technologies capable of revitalizing our planet and renewing our commitment to a smart-energy future.

**A STEP AHEAD**

At Synagro, helping customers strike a balance between short-term value and long-term vision is both a passion and a professional promise. We do it by engineering products and services that emphasize renewable energy as the cornerstone of any essential environmental solution. We're proud of our heritage and experience converting the natural waste challenges created from civic and commercial progress into beneficial renewable energy sources.

Our expertise covers a broad range of applications including:

- Biosolids drying to create renewable fuel;
- Utilization of anaerobic digester gas;
- Fats, oils and greases (FOG) utilization to displace fossil fuels;
- Synthesis gas, or syngas, and biogenic fuel production from biomass/biosolid gasification for power generation;
- Industrial waste-heat recovery and utilization
- Landfill gas recovery and utilization; and
- Combined heat and power (cogeneration) systems for high efficiency power generation.

**OUR FACILITIES BASED SOLUTIONS INCLUDE:**

- Complete project financing
- Appropriate technology selection
- Design build services
- Expert operations and maintenance
- Facility permitting
- Access to tax credits and grant money
- Highest standards of environmental, health and safety compliance



## **PARTNER WITH SYNAGRO**

When you are looking for the best biosolids and residuals solutions to serve your business and your community, Synagro has the proven solutions to help you succeed. Municipalities and industrial organizations like yours that want to make the best use of organic waste turn to Synagro. Across the United States, Synagro applies expertise and innovative technology to provide resource recovery solutions that meet the unique needs of customers and communities.

## **WHO WE ARE**

Synagro is the country's preeminent provider of biosolids and residuals solutions services since 1986.

Headquartered in Baltimore, Maryland, we employ over 800 people in 34 states and service more than 600 municipal and industrial water and wastewater facilities.

## **HOW WE CAN HELP**

Our professional and experienced staff members provide solutions for all aspects of biosolids and residuals management needs, from land permitting and soil analysis by our nationwide technical services team to facilities development by our in-house engineering staff. Synagro provides a comprehensive scope of customer focused solutions.



## **CONTACT US**

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