

About the Londonderry, NH Project

PurposeEnergy is proposing a resource recovery facility in Londonderry that converts organic residuals from food and beverage production into renewable energy, clean water, and beneficial soil products.

The facility uses industrial anaerobic digestion, a controlled biological process that breaks down organic materials in sealed tanks to produce renewable natural gas.

What materials will be accepted?

- ✓ Dairy production residuals
- ✓ Beverage production byproducts
- ✓ Food manufacturing process water
- ✓ Past sell-by-date groceries and imperfects

Not accepted:

- ⊘ Household waste or trash
- ⊘ Septage, sewage, or sludge
- ⊘ Hazardous or medical waste

Is the facility safe?

Yes. It will:

- Meet all local, state, and federal regulations
- Operate under permits issued by the New Hampshire Department of Environmental Services
- Use continuous monitoring and automated safety systems
- Be operated by trained staff with continuous system monitoring

Will there be odors?

The facility is designed to prevent odors from leaving the building.

- Fully enclosed receiving areas
- Negative air pressure systems
- Advanced air treatment systems
- Organic residuals handled in covered systems
- Digestion occurring in sealed tanks

What about traffic?

- Truck routes will primarily use major roadways and the industrial park access roads.
- No neighborhood cut-through traffic
- Scheduled delivery hours
- Access through industrial park
- An expert traffic study confirming nearby intersections will maintain the same level of service

Will there be noise?

- All major equipment is indoors and the facility must meet local noise limits.

Environmental benefits

- Diverts organic waste from landfills
- Reduces methane emissions
- Produces renewable energy
- Improves water quality through advanced treatment
- Supports New Hampshire solid waste management goals

What does this mean for the community?

- Local infrastructure investment
- Construction and permanent jobs
- Increased local tax revenue
- Responsible long-term facility operator
- Supports regional food and beverage manufacturing



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QUESTIONS?

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