

MEDRECYCLER

CONVERTING MEDICAL WASTE INTO ENERGY

MedRecycler is a leading-edge medical waste processing facility that will turn waste into renewable energy.

www.medrecycler.com

The facility will:

- Create approximately 40 permanent jobs for local residents once complete.
- Support up to 100 Rhode Island based professional tradesmen, electricians, and construction related jobs during the assembly, build out, and continued maintenance of the facility.
- Create new tax revenue for both the Town and State.
- Generate renewable energy equal to the amount required to power over one thousand homes every year in an environmentally friendly way.
- Use less than 10% of the space in an existing building.
- Serve the needs of Rhode Island's medical community.
- Help extend the life of Rhode Island's Central Landfill, projected to reach capacity in 2030.



Overview:

- The facility will convert waste into clean, renewable electricity.
- Over a 1 year period, the facility is projected to produce 1.2-1.3 MW of clean energy. This is the amount of power used annually by more than 1,000 homes.
- The waste will be converted to energy by a heating process called "pyrolysis". Waste will not be burned or incinerated - rather, it is evaporated.
- MedRecycler will receive no more than four full truckloads of waste daily, or eight trucks in total.
- No waste will ever be stored on-site. It will only be delivered based on a pre-determined, carefully planned schedule determined by the capacity of the facility systems. The waste will be delivered in sealed containers.
- Emissions from the facility will be less than the equivalent of four cars traveling 11,500 miles per year at 55 miles per hour.
- There will be no waste-water discharged into the local waste-water system as a result of facility operations
- MedRecycler has been working with leading experts in the industry along with state and federal regulators for over a year to build a safe, environmentally friendly facility.

