



# Clayton Installs Solar Trash Compactor



duce | reuse | recycle | reduce | reuse | recycle | reduce | reuse | recycle | reduce | reuse | recycle |

**Operates for a week  
on the amount of energy  
it takes to make a pot of coffee**

**Operates for eight years  
on as much energy as it takes to  
drive a garbage truck one mile**

**Has the same footprint as an  
ordinary trash receptacle,  
but holds up to five times more**

**Compaction mechanism  
exerts 1,200 pounds of force**

**Needs only 1/5 the number of  
trash truck pickups**

On Tuesday, April 27 Clayton's Public Works Department installed two BigBelly Solar Trash Compactors at Bemiston and Forsyth -- some of the first to be installed in the region.

## **How They Work**

The receptacles are completely self-powered. The solar panel on the top of each compactor collects and stores energy from the sun. When the trash inside reaches a certain level, it is automatically compacted. The bin holds five times the amount of compacted trash and soiled paper than a regular bin holds.

## **Economic and Environmental Benefits of the Solar-Powered Trash Compactors**

- Five times more capacity than regular bins
- Saves money by:
  - requiring fewer trash collections
  - lowering truck fuel costs
  - conserving landfill space
- Reduces greenhouse gas emissions
- Sealed to keep trash and odor in, pests out
- Sturdy and practically maintenance free

## **On-The-Go Recycling Stations**

- Lets you recycle on the go
- Single Stream  
(paper, cans, plastic bottles, glass all go in this one bin)
- Helps create a greener, cleaner Clayton