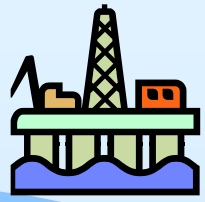
Miami Dade County
4th Quarter 2015
Residential Single Stream Program

WASTE MANAGEMENT
Recycle America

WASTE MANAGEMENT
Think Green.

111,348 Mature Trees

This represents enough saved timber resources to produce more than 1.379 Billion sheets of newspaper!



18,899 Barrels of Oil

This provides enough energy to heat and cool more than 47,173 homes for one month!

In the 4th Quarter 2015, Miami Dade County recycled:

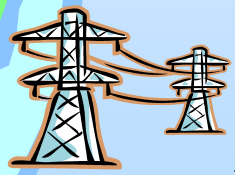
1,776 tons of cardboard/paper;
4,401 tons of Newspaper; 1,551 tons of mixed paper; 206 tons of tin cans; 1,199 tons of plastics;
95 tons of aluminum;
and 1,473 tons of glass.
We also managed 5,153 tons of residue at
Waste-to-energy (WTE) facilities.

Avoided 14,790 Metric Tons (MTCO2E) of GHG Emissions

The recycling of these materials prevented these GHG emissions!

42.05 million Kw-Hrs of Electricity from Recycling

This is enough power to fulfill the monthly electricity needs of more than 42,056 homes!



13.6 Million Kw-Hrs of Electricity from Waste-to-Energy

This is enough power to fulfill the monthly electricity needs of more than 13,588 homes!

39,706 Cubic Yards Of Landfill Airspace

This represents enough airspace to fulfill the municipal waste disposal needs for 620,407 people for one month!

Recycling these materials avoided their manufacturing from virgin materials thereby conserving these natural resources. Use of WTE also generated electricity as noted.

54.09 Million Gallons of Water

This represents enough fresh water to meet the daily fresh water needs of more than 721,280 people!

1 The environmental benefits shown here represent the difference in natural resource consumption and GHG emissions that result from using recycled inputs versus virgin inputs. MTCO2E = metric tons of carbon dioxide equivalent. Sources: U.S. Environmental Protection Agency, International Aluminum Institute, National Association for PET Container Resources, Institute of Scrap Recycling Industries, Earth Works Group Recycler's Handbook, One Earth Recycle, Bring Recycling.org, National Recycling Coalition, US Forest Products Laboratory, Wheelabrator Technologies, and Waste Management.

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