

New Jersey's Clean Energy Program - Refrigerator/Freezer Recycling Program

FACTS

Recycling program facts

- New Jersey's Clean Energy Program™ (NJCEP) has partnered with JACO Environmental to reduce CO2 emissions and save energy by recycling old refrigerators and freezers.
- JACO will pick up, remove and recycle the appliances.
- Refrigerators or freezers must be at least 10 cubic feet in size.
- All refrigerators and freezers must be empty and working at the time of pickup. (The goal is to remove older energy hogs that rack up energy consumption.)
- Customers of Atlantic City Electric, Jersey Central Power & Light, PSE&G, Rockland Electric Company are eligible to receive a \$30 incentive for each unit recycled.
- JACO recycles about 95 percent of the materials used in the manufacturing of each refrigerator or freezer and safely disposes of the toxins and ozone-depleting chlorofluorocarbon gases from foam insulation.
- To schedule a pickup, call NJCEP at 877-270-3520, or visit NJCleanEnergy.com. Energy and environmental facts.



Energy and environmental facts

- Research shows that the majority of older, spare or second refrigerators can use 3 to 4 times the energy of newer models.
- Refrigerators can account for more than 20 percent of a home's energy use.
- A 20-year-old refrigerator or freezer consumes on average 1,500 kilowatt-hours annually.
- A refrigerator or freezer manufactured after 1990 consumes between 400-500 kilowatt-hours annually and costs approximately \$150 to run.
- Proper recycling of the foam insulation and refrigerant in the cooling circuit can prevent the release of the equivalent of as much as five tons of CO2 into the atmosphere for one year.
- The energy savings from recycling 20,000 refrigerators equals the amount of power used in approximately 1,400 homes for one year.
- Recycling 20,000 refrigerators will result in 60,000 lbs. of aluminum that could yield nearly 1.7 million aluminum cans.
- The avoidance of CO2 emissions as a result of recycling 20,000 refrigerators is equal to removing 40,000 cars from the road for a year.
- Recycling 20,000 refrigerators will avoid 200,000 lbs. of foam insulation from ending up in landfills. This would be a pile more than a story high covering an entire football field.



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THE SYSTEM RAIN BARREL

- Conserves municipal water supply and saves energy used in water treatment facilities.
- Cuts household water bills by up to 40%
- 55 gallon (208 liter) capacity
- Unique shape and neutral color blends into any gardenscape
- Made of up to 50% recycled materials
- Incorporated mosquito mesh to keep out bugs & leaf debris
- Easily accommodates existing downspouts
- Overflow capability and can be linked to another SYSTEMN
- Ideal design for stability and ease of use, animal and child proof
- Simple to use storm water management tool, especially in areas prone to runoff flooding or sewer overflowing
- Great for use in communities with water restrictions or bans as well as areas experiencing water erosion
- Accessories included



Rain water, free from chlorine and water treatment chemicals, is an excellent water source for lawns, plants and gardens. SYSTEMN rain barrel use lowers municipal water demand, saves energy at water treatment facilities while reducing water pollution and storm water runoff. In the United States alone, where outdoor water use can make up between 25% to 58% of the overall domestic water demand, rainwater harvesting can drastically reduce this demand preserving municipal water supply for potable drinking water. **As global water supplies diminish, rainwater harvesting will become a crucial water conservation practice.**

ORDER FORM

(Return to Town Hall by February 1, 2010)

Name _____

Address _____

Telephone # _____

You will be called with a pick-up date for April, 2010

Cost: \$40.00 each, limit 4

Quantity wanted _____

Non-resident: \$65.00

Amount of check enclosed _____