

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

- 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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