



**Thermostat Recycling™**  
CORPORATION

## 2018 ENERGY STAR Products Partner Meeting 9/5/2018





# Who is the Thermostat Recycling Corporation?

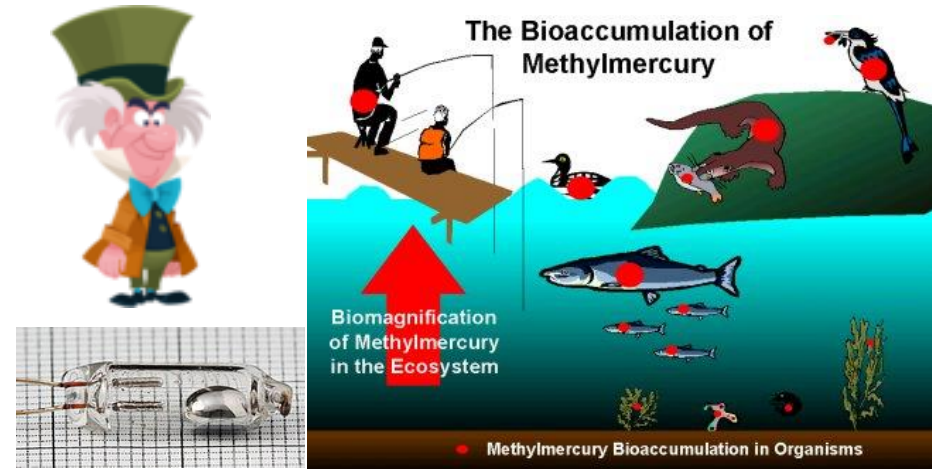
- The Thermostat Recycling Corporation (TRC) is a free recycling program for mercury-containing thermostats.
- TRC is a non-profit organization, funded totally by thermostat manufacturers.
- TRC operates in the 48 contiguous states.

## TRC MEMBERS

HONEYWELL CORPORATION  
NEST  
ECOBEE  
BARD MANUFACTURING CORPORATION  
BURNHAM HOLDINGS, INC.  
CARRIER CORPORATION  
CHROMALOX  
CLIMATE MASTER, INC.  
CRANE COMPANY  
DAIKAN APPLIED  
EMERSON ELECTRIC CORPORATION / WHITE-RODGERS  
EMPIRE COMFORT SYSTEMS  
GENERAL ELECTRIC CORPORATION  
GOODMAN GLOBAL  
HUNTER FAN COMPANY  
ITT CORPORATION  
LEAR SIEGLER (ORIGINAL CHARTER CORPORATION)  
LENNOX INTERNATIONAL INC.  
LUX PRODUCTS CORPORATION  
MARLEY-WYLAIN COMPANY  
NORTEK GLOBAL HVAC  
RHEEM MANUFACTURING COMPANY  
SCHNEIDER ELECTRIC SYSTEMS USA  
SEARS HOLDINGS  
TPI CORPORATION  
TACO COMFORT SOLUTIONS  
TRANE RESIDENTIAL SYSTEMS  
UPONOR, INC.  
VAILLANT CORPORATION  
W. W. GRAINGER, INC.  
YORK/JOHNSON CONTROLS

# Why is this Important?

- Mercury is a toxic substance that affects the nervous system.
- 21 States mandate mercury thermostat recycling.
- Recycling mercury enhances non-energy benefits such as health and safety for your customers.
- Smart thermostat utility rebates/programs send a **good** message.
- Finishing the job and recycling old mercury-containing thermostats sends a **great** message.





# The Program is Free!



1. Remove the Mercury thermostats



2. Take the mercury thermostats to the closest collection point site



3. When bin is full or after one year's accumulation, affix a free mailing label and ship it to TRC's processing facility



4. After processing, the empty bin is returned to start the collection process again







# Using TRC is Simple and Effective

- ▶ Collection bins are located at sites around the United States.
- ▶ If there is not a collection site nearby, we will send you a collection bin at no charge.
- ▶ We take care of the mercury and tabulate collection results, so you don't have to.
- ▶ To date, 2.4 million units have been collected removing 11 tons of mercury from the environment.

<https://www.thermostat-recycle.org/>  
to find a collection site near you





## Low to Moderate Income Households

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- ▶ 43% of Americans live in Median Household Incomes of Lower Middle Class, Low Income, and Poverty representing 54.4 Million Households.
- ▶ Utilities and TRC have a vested and connected interest in these households
- ▶ Energy efficiency, economic benefit and environmental improvements are all part of the Sustainability corporate message.



## What We Can Do Together?

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- ▶ As part of your thermostat change-out programs, require installers to remove mercury-containing thermostats and drop them off at a TRC collection site.
- ▶ Inform your installers that replaced mercury-containing thermostats should never be left behind with the customer and never tossed in the trash. It is a safety and liability issue.
- ▶ TRC will take care of recycling the mercury.
- ▶ To your positive message about energy-efficiency and economic benefit, enjoy the addition of a positive environmental message.
- ▶ Work with us and others to align interests and keep the sustainability message strong and relevant.



# Opening a Dialogue

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- ▶ The USEPA Smart Sectors Program is a partnership program that provides a platform to collaborate with regulated sectors and develop sensible approaches that better protect the environment and public health.
- ▶ A key focus of the USEPA Smart Sectors Program is the Utilities and Power Generation Sector.
- ▶ EPA has opened dialogue with the Thermostat Recycling Corporation and other trade association partners and will focus attention initially on thermostats and low-income areas.
- ▶ EPA is looking for organizations who represent the utilities and power generation sector to engage in the dialogue.
- ▶ Contact Nena Shaw at [shaw.nena@epa.gov](mailto:shaw.nena@epa.gov) and 202-564-5106





# Thank you!

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