Penn Ultra-Low Temperature (ULT) Freezer Efficiency Program

The Ultra-Low Temperature (ULT) Freezer Efficiency Program was established to reduce the number of old and under-utilized freezers and incentivize the purchase of more energy-efficient freezers. This program is funded by the Energy Reduction Fund (ERF) in the Division of Facilities & Real Estate Services. This program only applies to Ultra Low Temperature (ULT) freezers; ordinary refrigerators and freezers are not eligible for this program.

Eligibility

- Only ULT freezers that are or will be installed in University owned and/or operated properties are eligible for this program. Freezers in UPHS facilities are not eligible for this program.

How to Apply

- E-mail the completed ULT Freezer Application and appropriate attachments to Madeline Schuh, Sustainability Analyst, at mschuh@upenn.edu

Program Structure

Applicants can qualify for the Freezer Recycling incentives payments, new freezer purchase incentive, or both incentives at once. Multiple simultaneous applications are encouraged.

Freezer Recycling

- The program provides $500 towards the cost of decommissioning and appropriate recycling of the freezer. The freezer owner is responsible for the removal and proper disposal of all freezer contents.
- Proof of appropriate recycling is required to receive the incentive – this should include both the receipt and certificate of appropriate disposal. Recyclers used for disposal should be certified under Responsible Recycling Practices (R2), e-Stewards® standards, and include:
  - e-Force compliance see: https://cms.business-services.upenn.edu/purchasing/about/strategic-sourcing/information-technology/223-479630.html.
• Elemental Inc. see: https://cms.business-services.upenn.edu/purchasing/about/strategic-sourcing/information-technology/224-193966.html

• Other e-waste recycling vendors can be used but must be certified recyclers, as noted above.

New Freezer Purchase

<table>
<thead>
<tr>
<th>Freezer Energy Usage</th>
<th>Incentive Amount</th>
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<tbody>
<tr>
<td>350Wh/day/cu-ft or less</td>
<td>$2,500</td>
</tr>
<tr>
<td>350 to 600 Wh/day/cu-ft</td>
<td>$1,000</td>
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