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

The graduated incentives below are based on freezer performance and the ERF program requirement that the School and/or Center fund at least 20% of efficiency measures.

<table>
<thead>
<tr>
<th>Freezer Energy Usage</th>
<th>Incentive Amount</th>
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<tbody>
<tr>
<td>500Wh/day/cu-ft or less</td>
<td>$2,500</td>
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<tr>
<td>500 to 750 Wh/day/cu-ft*</td>
<td>$1,500</td>
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*Please note, beginning July 1, 2019 the freezer energy standards will increase in stringency; 750 Wh/day/cu-ft freezers will no longer qualify for a rebate.