

Executive Summary of Preliminary Agreement on Energy Conservation Standards for Refrigerators, Freezers, Other Refrigeration Products, Cooking Products, Clothes Washers, Clothes Dryers, and Dishwashers

Energy Conservation Standards And Their Compliance Dates

The Parties agree to recommend the following energy conservation standards and compliance dates to the Department of Energy (details in attached sheet)

| Product Category | Percent Savings Relative to Currently Applicable DOE Standard | Compliance Date |
|---|---|---|
| Refrigerator/Freezers | 10%-15% energy savings depending on product class | January 31, 2029 for most product types and January 31, 2030 for some product types |
| Miscellaneous Refrigeration Products (e.g., wine coolers) | 30% energy savings | January 31, 2029 |
| Cooking Products | New standard | January 31, 2028 |
| Clothes Washers | 9%-11% energy savings 17-28% water savings | March 1, 2028 |
| Clothes Dryers | up to 40% energy savings | March 1, 2028 |
| Dishwashers | 15% energy savings 34% water savings | 3 years after publication in the Federal Register. Expected compliance date of June 30, 2027. |

Quad Savings

The agreement, if implemented by DOE, is expected to save more than 9 quads over 30 years.

Consumer Benefits

The agreement, if implemented by DOE, makes significant strides in energy efficiency while also allowing manufacturers to continue to provide the performance and features consumers expect.

Expected Signatories

Association of Home Appliance Manufacturers
 American Council for an Energy-Efficient Economy
 Alliance for Water Efficiency
 Appliance Standards Awareness Project
 Consumer Federation of America
 Consumer Reports
 Earthjustice
 National Consumer Law Center
 Natural Resources Defense Council
 Northwest Energy Efficiency Alliance

**Detailed Summary
of Preliminary Agreement on Energy Conservation Standards for Refrigerators,
Freezers, Other Refrigeration Products, Cooking Products, Clothes Washers,
Clothes Dryers, and Dishwashers**

Refrigerator/Freezers

| Product Class | Level | Compliance Date |
|---|---|------------------------|
| Top-Mount: PC 1, 1A, 2, 3, 3A, and 6 | EL 3 (DOE Proposed Level) | January 31, 2030 |
| Bottom-Mount: PC 5 | EL 2 (DOE Proposed Level) | January 31, 2030 |
| Bottom-Mount: PC 5A | EL 2 | January 31, 2029 |
| SxS: PC 4, 7 | EL 3 | January 31, 2030 |
| Upright Freezers: PC 9 | EL 2 | January 31, 2030 |
| Upright, Chest Freezers: PC 8, 10, 10A | No Change (DOE Proposed Level) | January 31, 2029 |
| Compact, Manual Defrost: PC 11, 11A | EL 2 (DOE Proposed Level) | January 31, 2029 |
| Compact, Semi-Auto Defrost: PC 12 | 10% savings relative to current standard | January 31, 2029 |
| Compact Auto-Defrost R/F: PC 13, 13A, 14, 15 | EL 1 (DOE Proposed Level) | January 31, 2029 |
| Compact Upright Freezers: PC 17 | EL 1 (DOE Proposed Level) | January 31, 2029 |
| Compact Upright, Chest Freezers: PC 16,18 | EL 2 (DOE Proposed Level) | January 31, 2029 |
| Top-Mount BI: PC 3-BI and 3A-BI | EL 3 (DOE Proposed Level) | January 31, 2029 |
| Bottom-Mount BI: PC 5-BI | EL 1 (DOE Proposed Level) | January 31, 2029 |
| Bottom-Mount BI: PC 5A-BI | EL 3 (DOE Proposed Level) | January 31, 2029 |
| SxS BI: PC 4-BI, 7-BI | EL 4 (DOE's Proposed Level) | January 31, 2029 |
| Upright Freezers BI with automatic defrost: PC 9-BI | EL 1 (DOE Proposed Level) | January 31, 2029 |
| Propose new class: 9A-BI: Upright built-in freezer w/auto defrost and through-door- ice | 9.86AV+288.9 | January 31, 2029 |

Miscellaneous Refrigeration Products (e.g., Beverage and Wine Chillers)

| Product Class | Level | Compliance Date |
|---|-----------------------------------|------------------|
| Freestanding Compact Cooler (FCC) | EL 3 (DOE Proposed Level) | January 31, 2029 |
| Freestanding Cooler (FC) | EL 3 (DOE Proposed Level) | January 31, 2029 |
| Built-in Compact Cooler (BICC) | EL 3 (DOE Proposed Level) | January 31, 2029 |
| Built-in Cooler (BIC) | EL 2 (DOE Proposed Level) | January 31, 2029 |
| Cooler Auto Defrost: PC C-3A | EL 1 (DOE Proposed Level) | January 31, 2029 |
| Built-in Cooler Auto Defrost: PC C-3A-BI | EL 1 (DOE Proposed Level) | January 31, 2029 |
| Cooler, R/F BI: C-5-BI | EL 1 (DOE Proposed Level) | January 31, 2029 |
| Cooler, Upright Freezer: PC C-9 | No change (DOE Proposed Level) | January 31, 2029 |
| Cooler, Upright Freezer BI: PC C-9-BI | No change (DOE Proposed Level) | January 31, 2029 |
| Compact Cooler: PC C-13A | EL 3 (DOE Proposed Level) | January 31, 2029 |
| Compact Cooler BI PC C-13A-BI | EL 3 (DOE Proposed Level) | January 31, 2029 |

Dishwashers

| Product Class | Standard | Compliance Date |
|---------------|------------------------------|-------------------------|
| Standard | EL 2 (DOE Proposed Level) | 3 years after Fed. Reg. |
| Compact | EL 1 (DOE Proposed Level) | 3 years after Fed. Reg. |

Clothes Washers

| Product Class | Level | Compliance |
|------------------------|------------------------------|---------------|
| Semi-Automatic | EL 1 (DOE Proposed Level) | March 1, 2028 |
| Top-Load Standard | EL 2 | |
| Top-Load Ultra Compact | EL 0 (DOE Proposed Level) | |
| Front-Load Standard | EL 2 | |
| Front-Load Compact | EL 2 (DOE Proposed Level) | |

Clothes Dryers

| Product Class | Level | Compliance Date |
|--------------------------------|------------------------------|-----------------|
| Standard Electric | EL 4 (DOE Proposed Level) | March 1, 2028 |
| Compact Electric 120V | EL 4 (DOE Proposed Level) | |
| Vented Compact Electric 240V | EL 4 (DOE Proposed Level) | |
| Vented Gas Standard | EL 3 (DOE Proposed Level) | |
| Vented Gas Compact | EL 1 (DOE Proposed Level) | |
| Ventless Compact Electric 240V | EL 1 (DOE Proposed Level) | |
| Ventless Electric, combo W/D | EL 1 (DOE Proposed Level) | |

Cooking Product Standards

| Product Class | Level | Compliance Date |
|---|------------------------------|------------------|
| Electric coil | No standard | January 31, 2028 |
| Propose new class: Electric smooth cooktop* | EL 1 (DOE Proposed Level) | January 31, 2028 |
| Propose new Class: Electric smooth range* | EL 1 (DOE Proposed Level) | January 31, 2028 |
| Propose new class: Gas cooktop* | 1770 kBtu/year | January 31, 2028 |
| Propose new class: Gas range* | 1770 kBtu/year | January 31, 2028 |
| Ovens (Electric and Gas)* | EL 1 (DOE Proposed Level) | January 31, 2028 |

***EXCLUDES PORTABLE COOKING PRODUCTS**