



# APPLIANCE EFFICIENCY STANDARDS ACT HB19-1231

## KEY POINTS

### **SAVES MONEY FOR COLORADO CONSUMERS AND BUSINESSES.**

The net economic benefits in Colorado are estimated to be about \$1 billion. The value of the energy and water savings far outweigh any increase in product cost.

### **SAVES A WHOLE LOT OF ENERGY.**

3,984 gigawatt-hours of electricity & 18 trillion Btu of natural gas cumulatively by 2035.

### **SAVES A WHOLE LOT OF WATER.**

More than 4 billion gallons per year by 2025 and 8 billion gallons per year by 2035, not including water savings from less operation of power plants.

### **IMPROVES PERFORMANCE.**

Appliance standards remove the least-efficient from the market, and promote technological innovation.

### **BENEFITS LOW-INCOME HOUSEHOLDS.**

Cuts costs for households most burdened by high utility bills.

### **GOOD RETURN-ON-INVESTMENT FOR COLORADO.**

These standards save \$6.40 for every \$1 spent.

### **PROVEN SUCCESSFUL.**

Colorado households today are already saving \$500 per year from previous federal appliance standards, while product options and performance have increased. At the state level, 13 states already have some form of additional appliance standards.

### **PROTECTION FROM PRODUCT DUMPING.**

As more and more states adopt appliance standards, this bill protects against manufacturers and distributors dumping the least-efficient and non-compliant products onto Colorado consumers.

### **PROTECTION FROM FEDERAL ROLLBACKS.**

The bill safeguards against the rollback of federal standards, including important lighting standards. It also enacts several widely-supported standards that have stalled in the current administration.

### **EFFECTIVE CLIMATE POLICY.**

Appliance standards cut climate pollution while saving money at the same time. Cumulative CO2 emissions reductions could reach three million tons per year by 2035, equivalent to taking 60,000 cars off the road that year. The bill will help Colorado's utilities meet the state's climate goals.

## ABOUT THE BILL

This bill sets up-to-date energy and water efficiency standards for 15 commercial and residential products not already regulated by the federal government.

Efficiency standards ensure that the products we purchase use less energy and water while preserving quality and affordability.

The Colorado Legislature has the authority to set standards on products for which there are no existing federal standards, to protect Colorado consumers and businesses and to improve economic development.

## THE BEST ENERGY- AND WATER- SAVING POLICY YOU'VE NEVER HEARD OF

SAVES ENERGY



SAVES WATER



CUTS CLIMATE  
EMISSIONS



SAVES MONEY



# COVERED PRODUCTS

AIR COMPRESSORS  
COMMERCIAL DISHWASHERS  
COMMERCIAL FRYERS  
COMMERCIAL HOT-FOOD HOLDING CABINETS  
COMMERCIAL STEAM COOKERS  
COMMERCIAL FLUSHOMETER WATER CLOSETS  
COMPUTERS AND COMPUTER MONITORS  
GENERAL SERVICE LAMPS  
HIGH CRI FLUORESCENT LAMPS  
PORTABLE AIR CONDITIONERS  
PORTABLE ELECTRIC SPAS  
RESIDENTIAL VENTILATING FANS  
SPRAY SPRINKLER BODIES  
UNINTERRUPTIBLE POWER SUPPLIES  
WATER COOLERS

**WITH THESE STANDARDS, COLORADO  
RESIDENTS, BUSINESSES, & COMMUNITIES SAVE:**

**\$ 78 MILLION ANNUALLY BY 2025**

**\$ 168 MILLION ANNUALLY BY 2035**

**OVER \$1 BILLION IN TOTAL SAVINGS; 640% RETURN ON INVESTMENT**

**PROTECTION FROM LIGHTING ROLLBACK COULD SAVE AN ADDITIONAL:**

**\$ 281 MILLION ANNUALLY BY 2025**



## ALL PROPOSED STANDARDS ARE:

- Already adopted in other states, ENERGY STAR, or WaterSense
- Available in multiple models from multiple manufacturers
- Cost-effective for consumers and businesses (with paybacks ranging from immediate to just a few years)
- Good at reducing climate emissions
- Effective starting in 2021 (except air compressors and portable air conditioners which are 2022)

## PROTECTION FROM LIGHTING ROLLBACKS

The Trump Administration has proposed rolling back lightbulb efficiency standards that were set to take effect in 2020. These standards would affect specialty lightbulbs like reflectors, globe-shaped, and candelabras, and would save each Colorado household \$134 on average. HB19-1231 protects Colorado from these harmful rollbacks and prevents dumping of inefficient bulbs here.

Colorado-specific data on electricity, natural gas, emissions, and money savings by product: [https://appliance-standards.org/sites/default/files/state\\_savings\\_state\\_standards/Colorado.pdf](https://appliance-standards.org/sites/default/files/state_savings_state_standards/Colorado.pdf)  
Lighting analysis: [http://appliance-standards.org/sites/default/files/light\\_bulb\\_brief\\_appendices\\_0.pdf](http://appliance-standards.org/sites/default/files/light_bulb_brief_appendices_0.pdf)



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