



Item 6: Information Item – Appliance Efficiency Enforcement Wasted Energy and Water Calculator

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Benefit to Californians

Appliance efficiency standards are a successful policy tool that **save** energy and water.

1970



Source: omegacinemaprops.com

2020



Source: homedepot.com

Non-compliant appliances sold in California **waste** energy and rob the consumer.



Overview

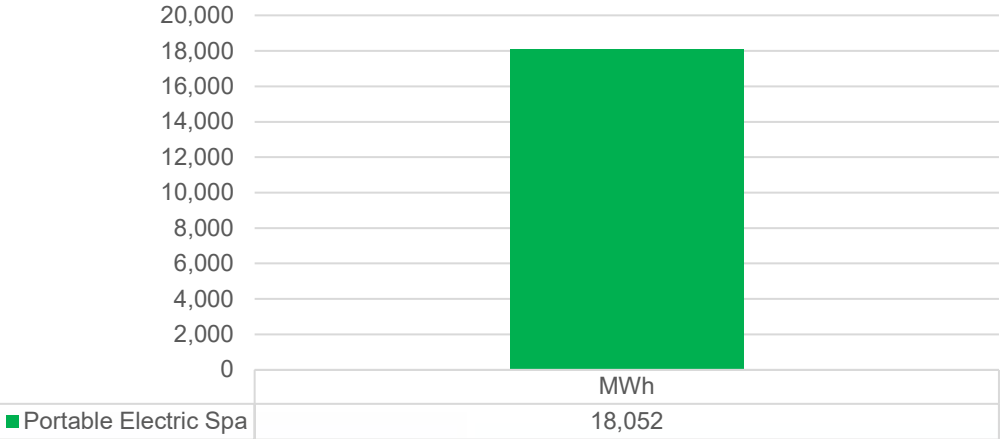
The energy and water waste calculator estimates the amount of energy and water wasted in California from non-compliant product sales.

- Appliances: showerheads, bath faucets, and spas
- Data from enforcement cases closed beginning in 2023
- Estimates actual waste, future prevented waste, and associated cost
- Inputs, outputs and assumptions

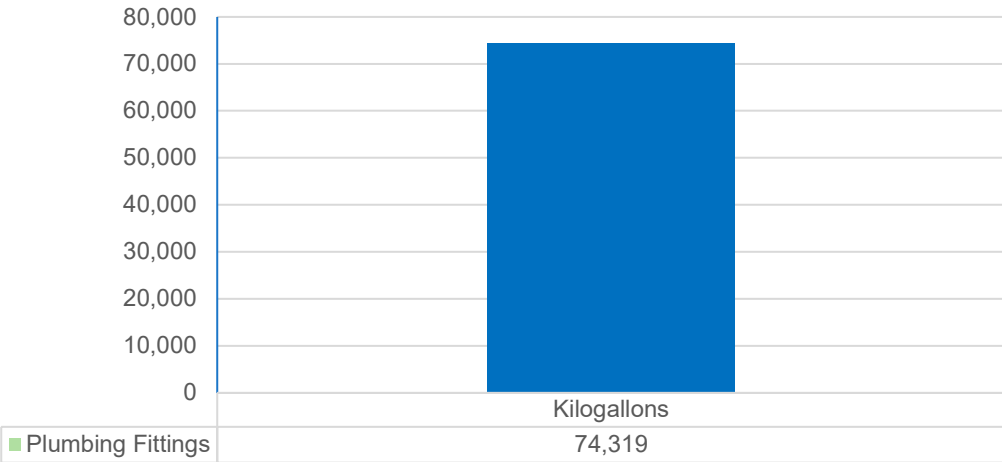


Energy & Water Waste

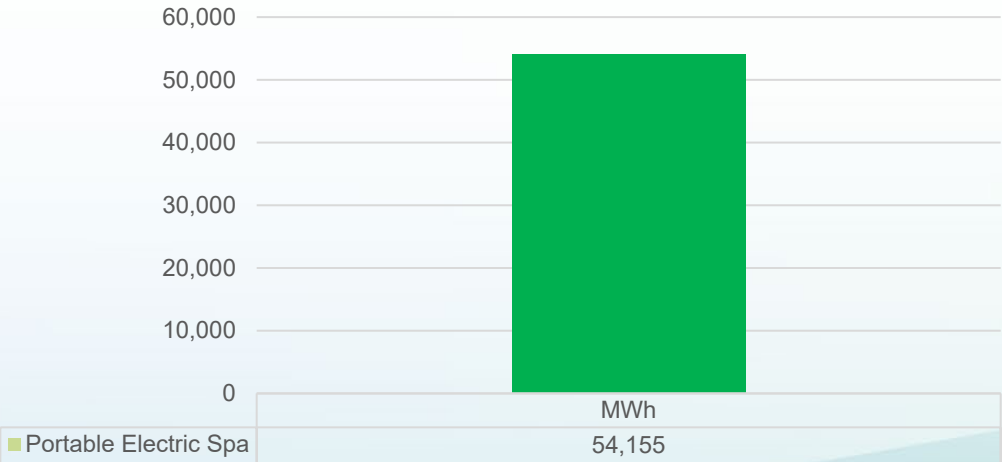
Annual Energy Waste (MWh)



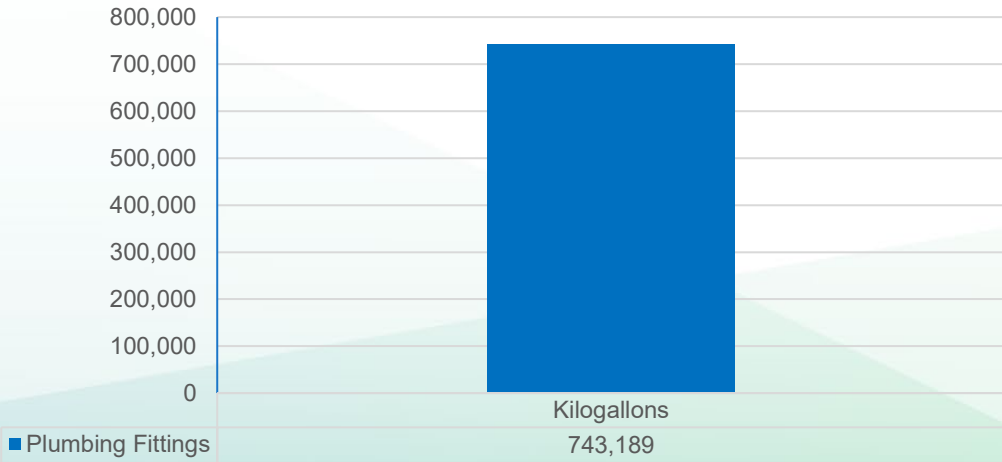
Annual Water Waste (Kilogallons)



Total Energy Waste (MWh)



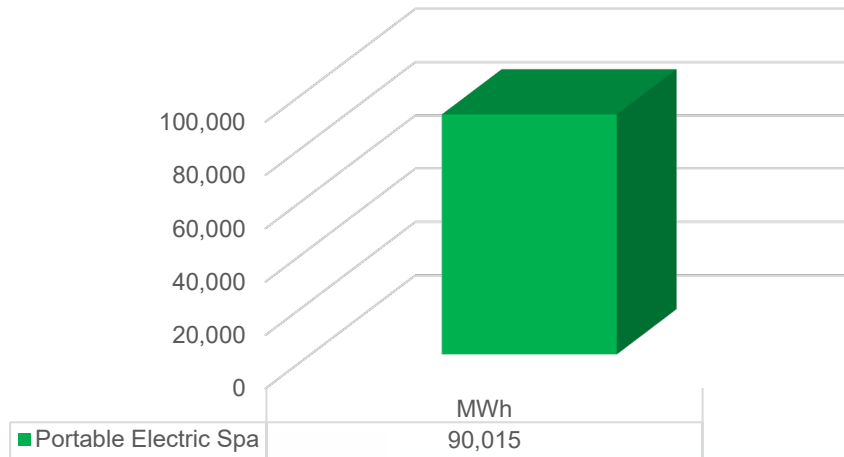
Total Water Waste (Kilogallons)



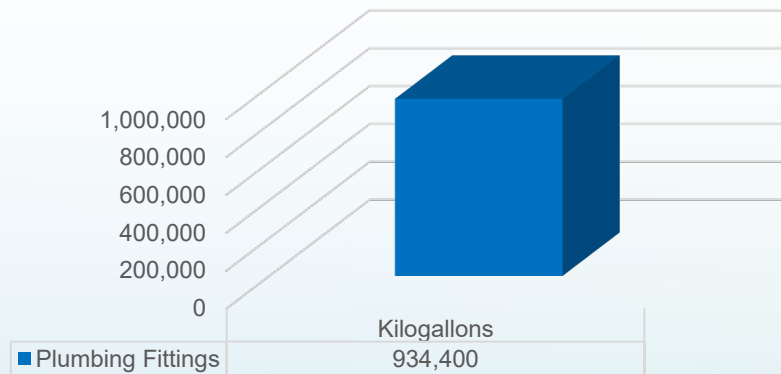


Prevented Energy & Water Waste

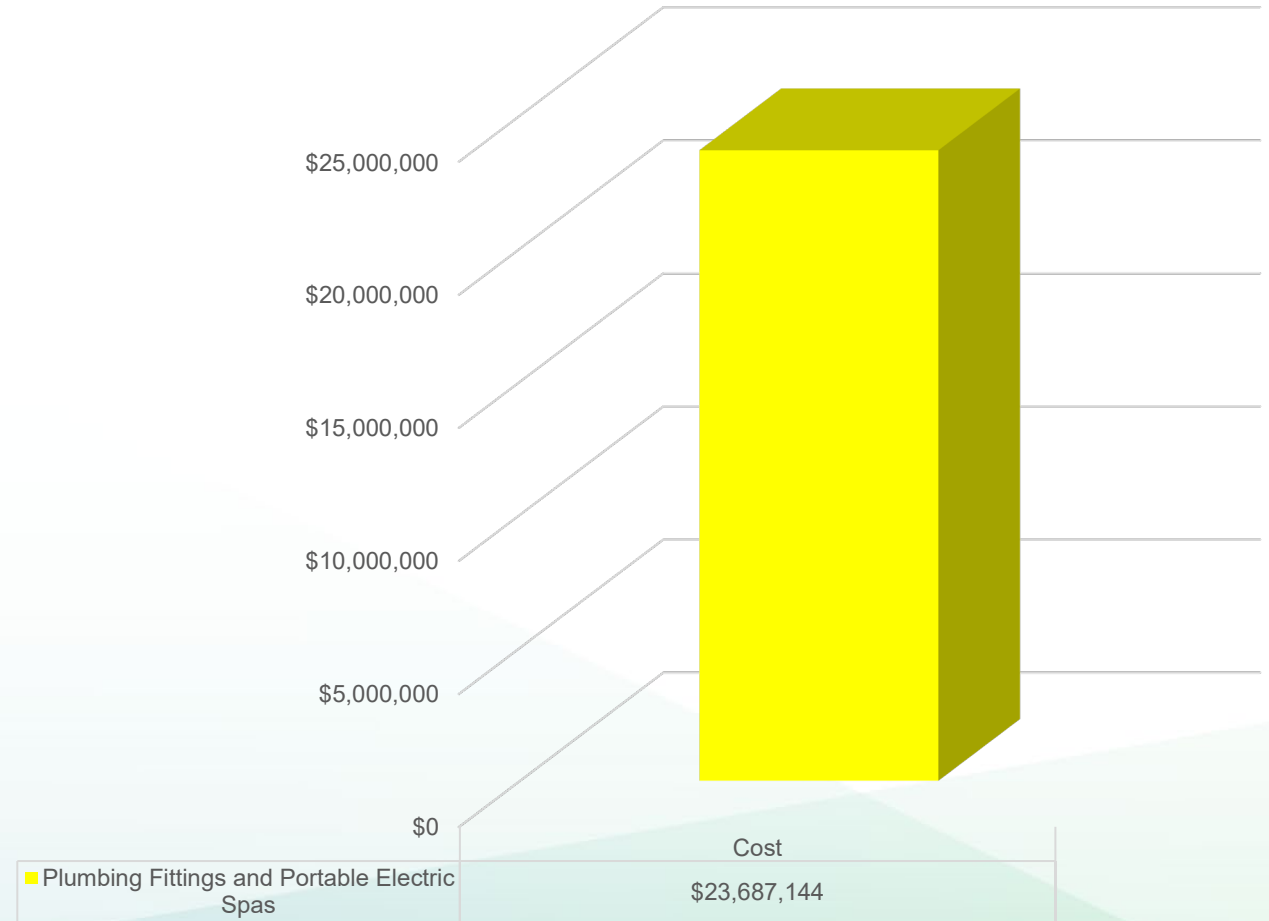
Predicted Total Energy Waste Savings (MWh)



Predicted Total Water Waste Savings (Kilogallons)



Predicted Total \$\$ Savings





Moving Forward

- Continue to generate energy/water waste data associated with enforcement actions
- Work with industry experts to refine the calculator
- Incorporate new appliance types as feasible