

INSTITUTE FOR
Electric Efficiency

Energy Efficiency Spending and Savings Nationwide – Update

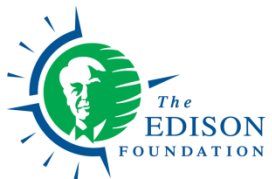
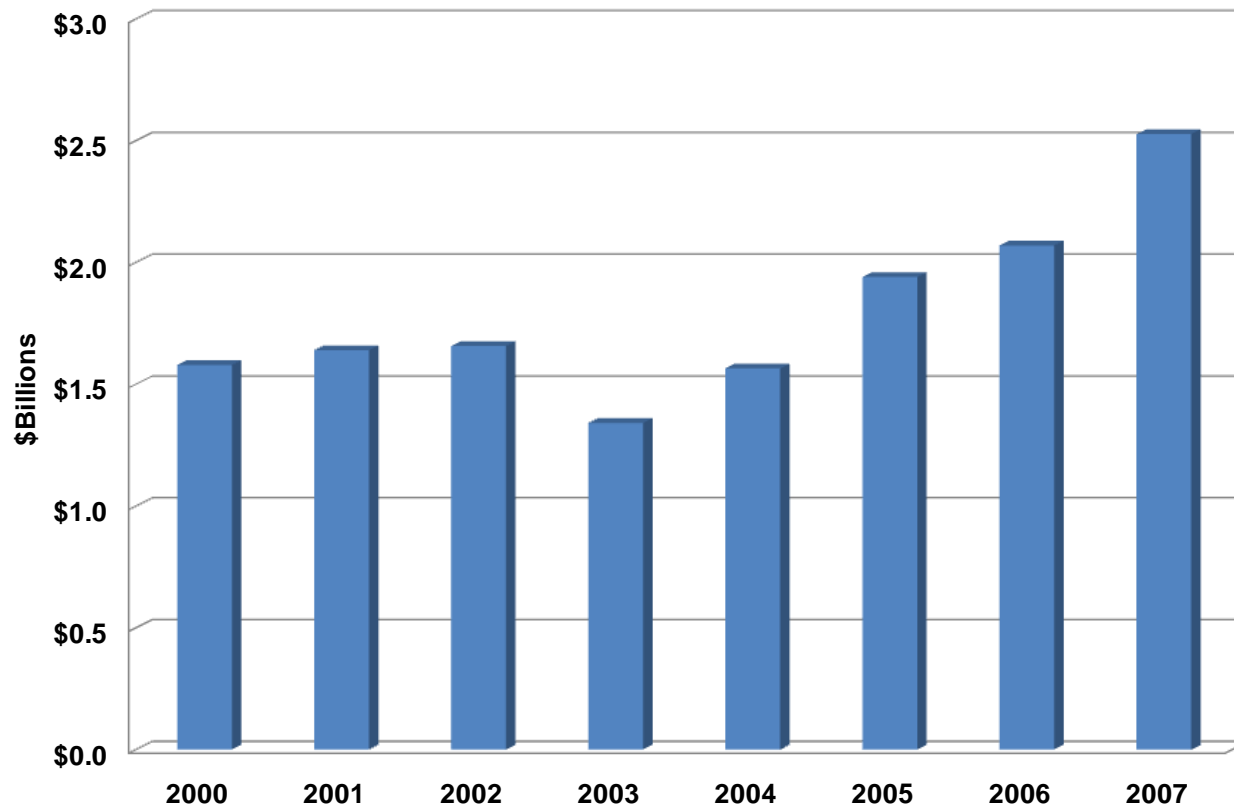
Lisa Wood
Executive Director

April 2009

Total U.S. utility spending on energy efficiency: \$2.5 billion in 2007

Total Utility Spending on EE & LM (2000 - 2007)

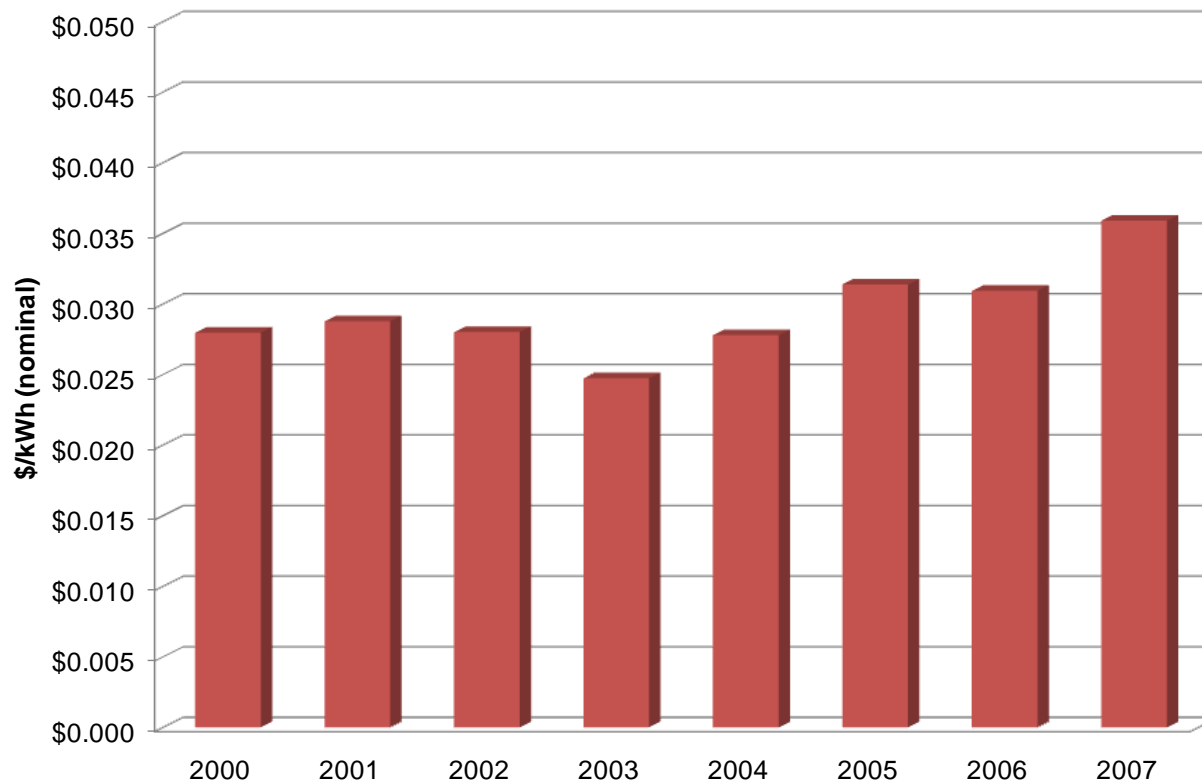
Source: EIA Form 861



Average cost per kWh saved: 3.5 cents per kWh (2007)

Total Utility EE Costs per kWh Saved

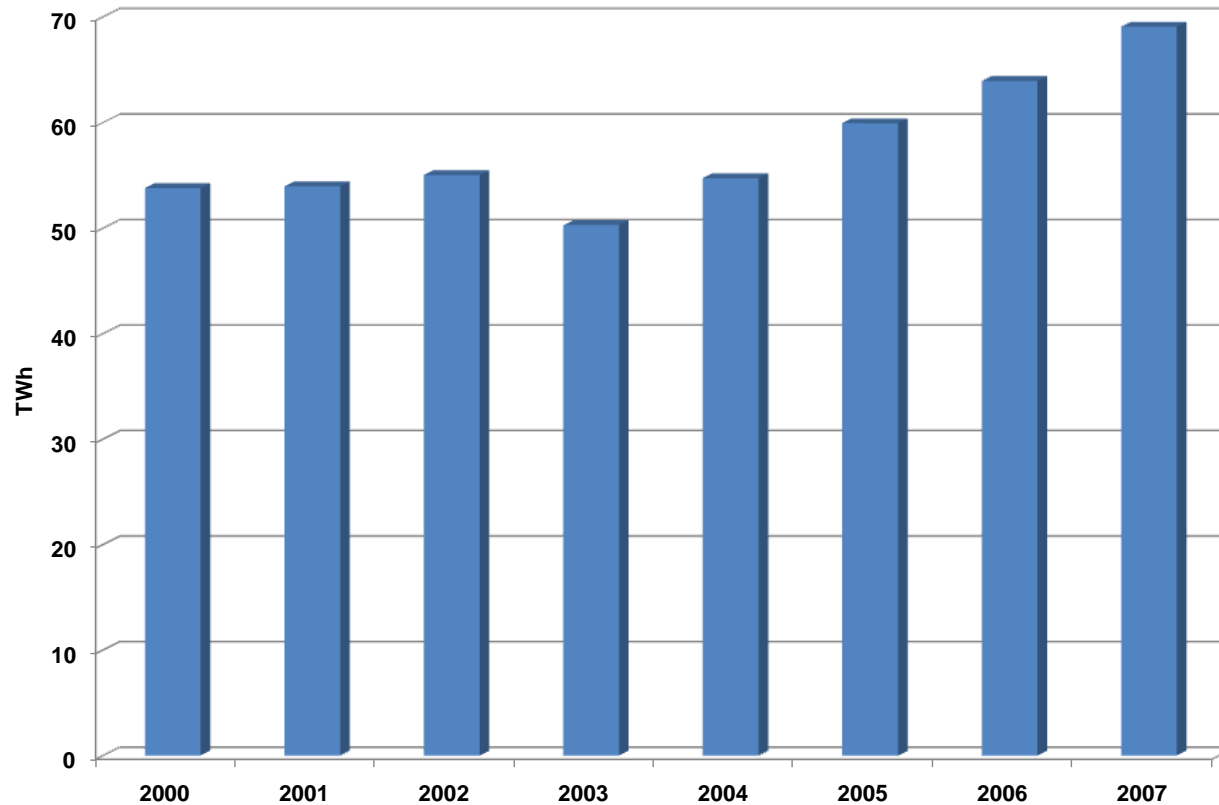
Source: EIA Form 861



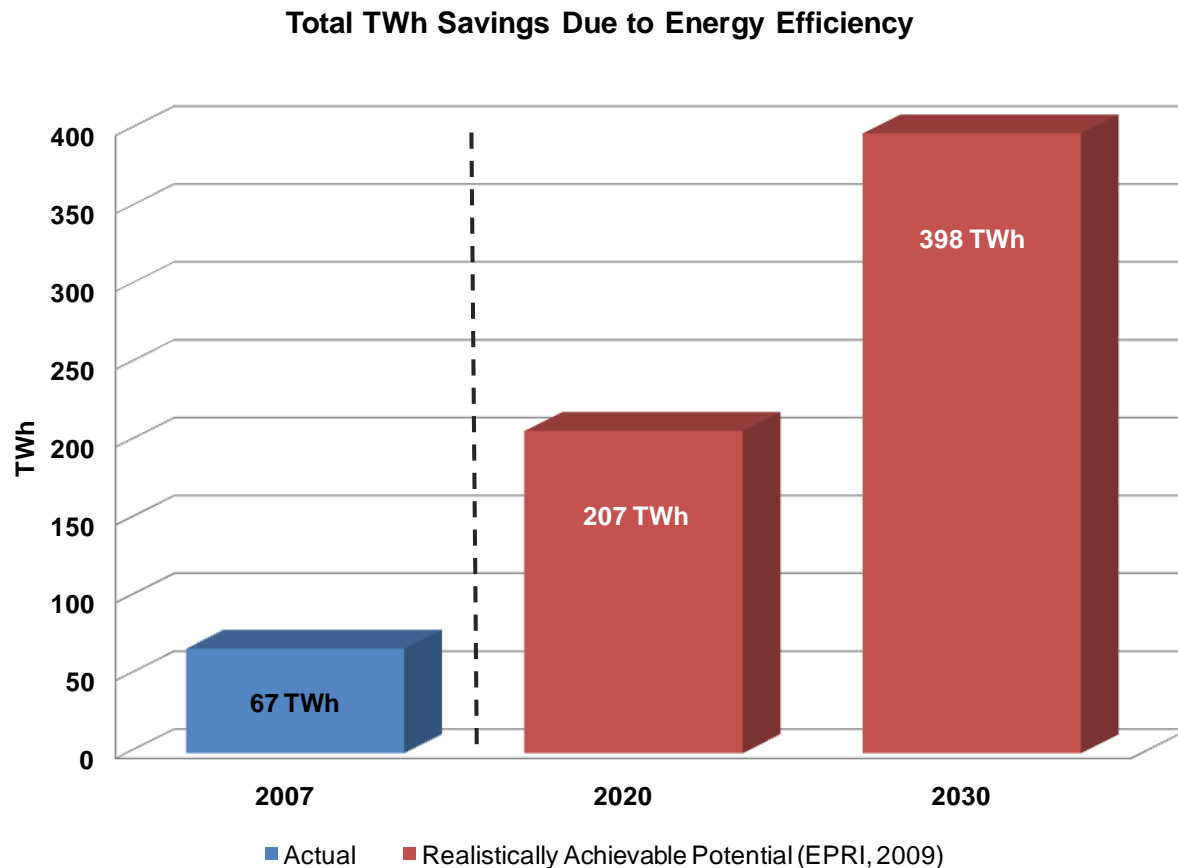
U.S. energy savings due to EE and DR: 69 TWh in 2007

Total EE & LM Savings

Source: EIA Form 861



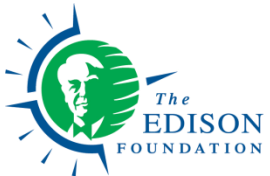
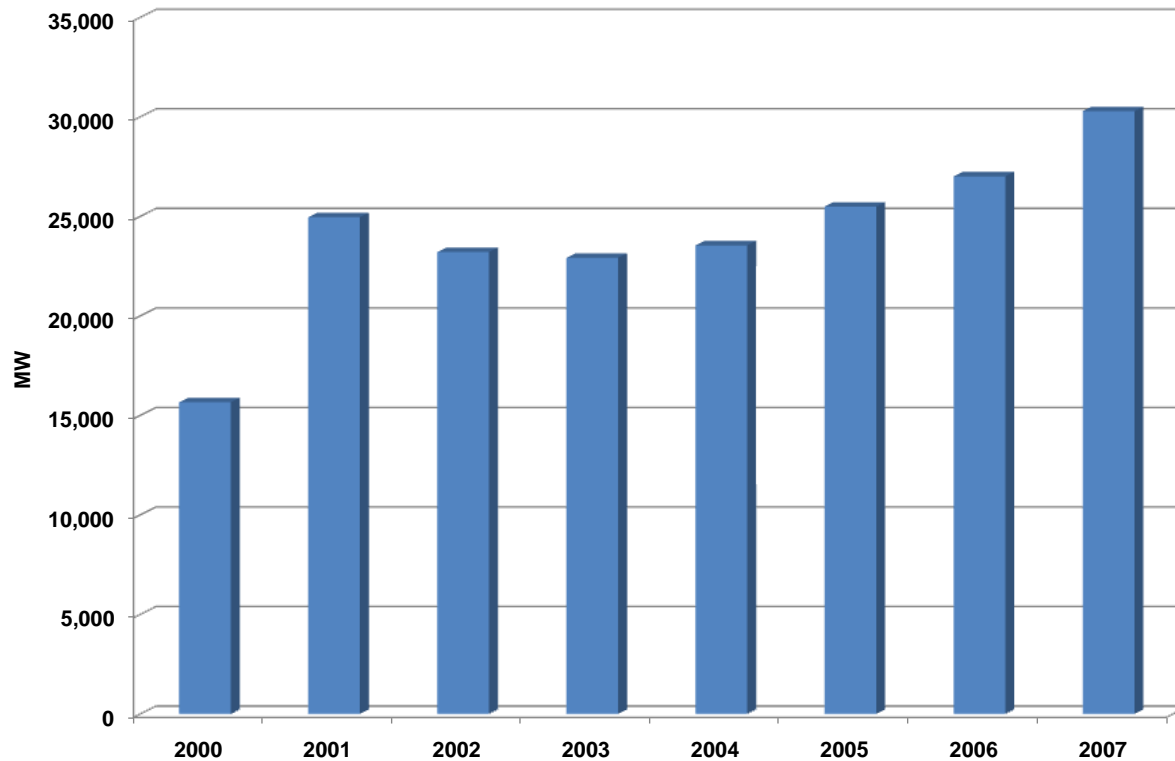
Historical vs. projected U.S. energy savings due to energy efficiency only (sources: EIA and EPRI Report #1016987)



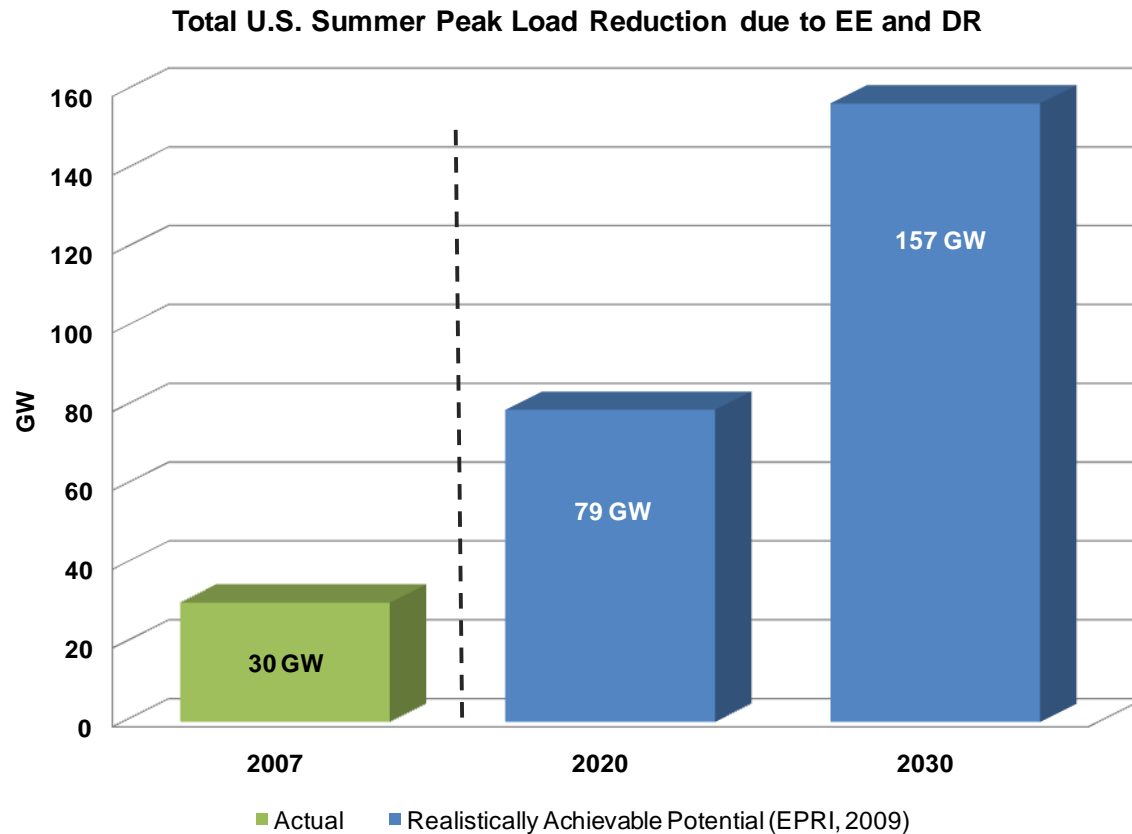
Total peak load reduction due to EE and DR: 30 GW in 2007

Total EE & LM Peak Load Reduction

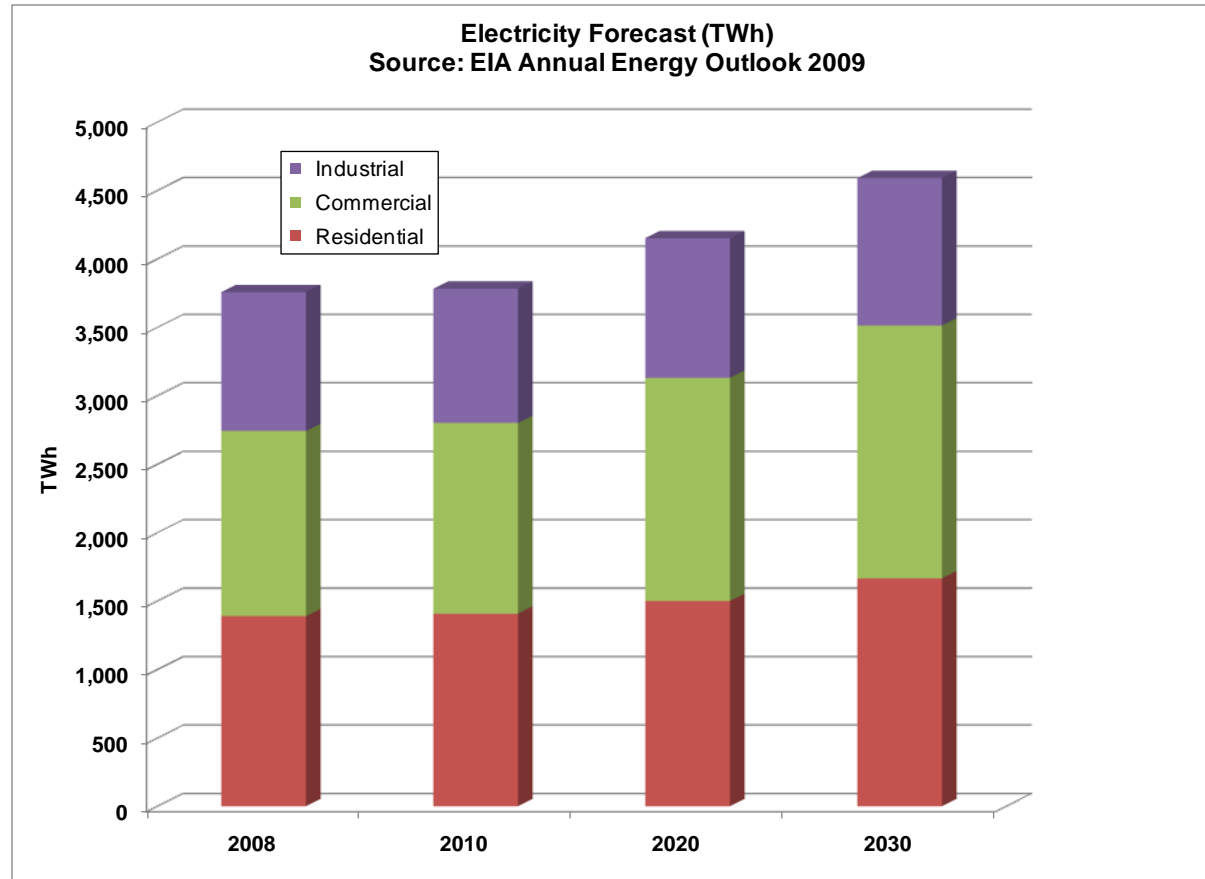
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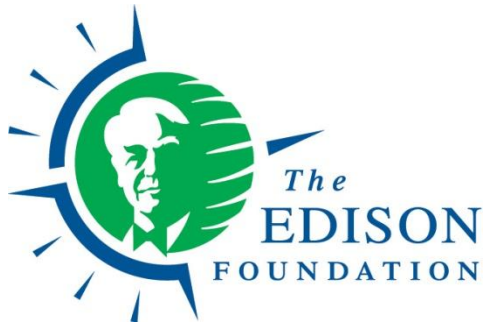


Historical vs. projected U.S. peak load reduction (GW) due to energy efficiency and demand response (sources: EIA and EPRI Report #1016987)



EIA annual energy outlook 2009 – U.S. electricity forecast (TWh)





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For more information, contact:

Lisa Wood

Executive Director

Institute for Electric Efficiency

The Edison Foundation

701 Pennsylvania Ave., N.W.

Washington, D.C. 20004-2696

202.508.5550

lwood@edisonfoundation.net

www.edisonfoundation.net/IEE