



The Association of Electrical and  
Medical Imaging Equipment Manufacturers



# Manufacturing Solutions for Energy Efficiency in Buildings

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# What is NEMA?





# Which policies encourage energy efficiency in buildings?

- 💡 Energy Savings Performance Contracts
- 💡 Tax Incentives
- 💡 Shaheen-Portman
- 💡 Benchmarking and Disclosure



Bullitt Center

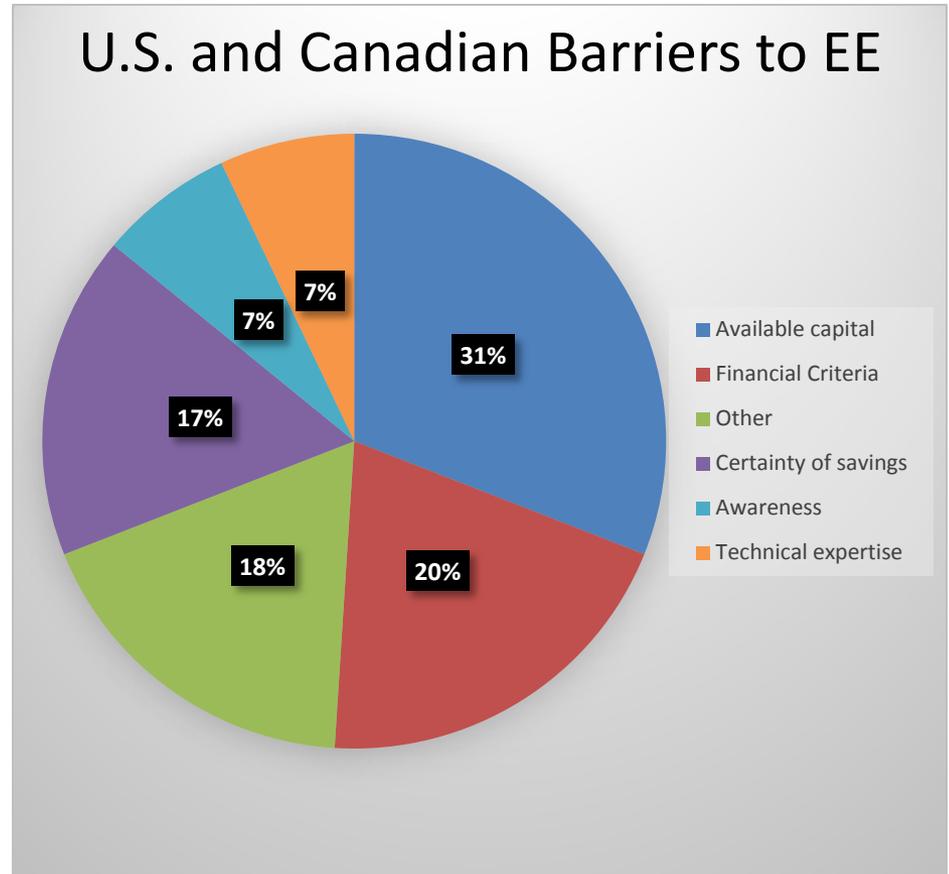
*Seattle, Washington*



# Energy Savings Performance Contracts

 **ESPCs pay for efficiency upgrades with guaranteed savings**

 **Federal ESPC projects have saved \$7.2 billion since 1998**



Data Source: Institute for Building Efficiency  
2013 Energy Efficiency Indicator Survey (June 2013)

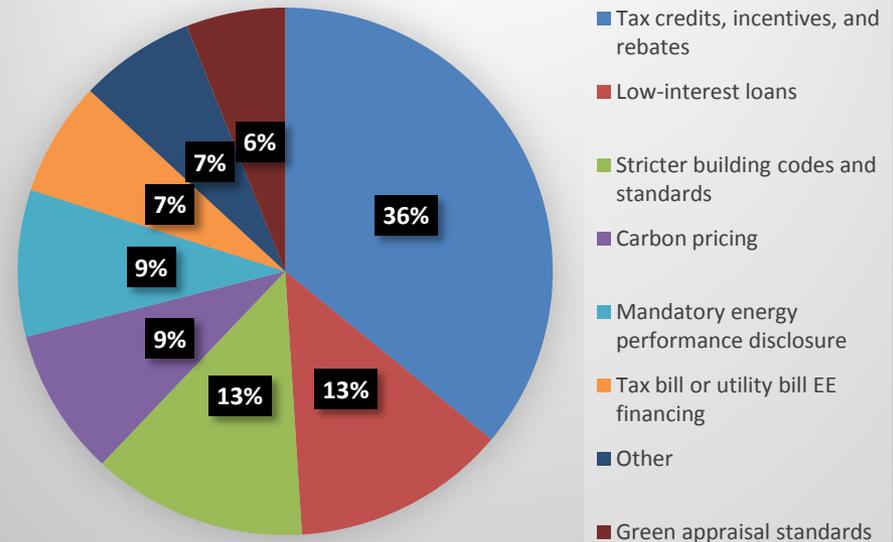


# Tax Incentives

 **179D Energy-Efficient Commercial Buildings Tax Deduction**

 **New, performance-based, technology-neutral tax policies**

## U.S. and Canadian Policy Priorities



Data Source: Institute for Building Efficiency  
2013 Energy Efficiency Indicator Survey (June 2013)



# Energy Savings and Industrial Competitiveness Act (Shaheen-Portman)

-  Building Energy Codes
-  Energy Efficiency Financing for States
-  Federal Agency Energy Efficiency
-  Workforce Training



Source: Alliance to Save Energy



# Benchmarking and Disclosure

- 💡 Mandatory public disclosure of energy ratings (e.g., ENERGY STAR) fixes a market failure and allows the market to value energy efficiency
- 💡 Major cities and states have recently enacted these policies, including: New York, DC, Philadelphia, Boston, Seattle, San Francisco, Austin, and Minneapolis, as well as California and Washington



# Benchmarking and Disclosure

Street Number	Street Name	Borough	Zip	Weather Normalized Source Energy Use Intensity (EUI)	ENERGY STAR Score
29	BROADWAY	MANHATTAN	10006	478	7
39	BROADWAY	MANHATTAN	10006	189.3	79
45	BROADWAY	MANHATTAN	10006	251.5	57
55	BROADWAY	MANHATTAN	10006	248.7	72
61	BROADWAY	MANHATTAN	10006	185.7	88

Data Source: [http://www.nyc.gov/html/dof/downloads/pdf/12pdf/2012\\_nonresidential\\_properties.xls](http://www.nyc.gov/html/dof/downloads/pdf/12pdf/2012_nonresidential_properties.xls)



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