

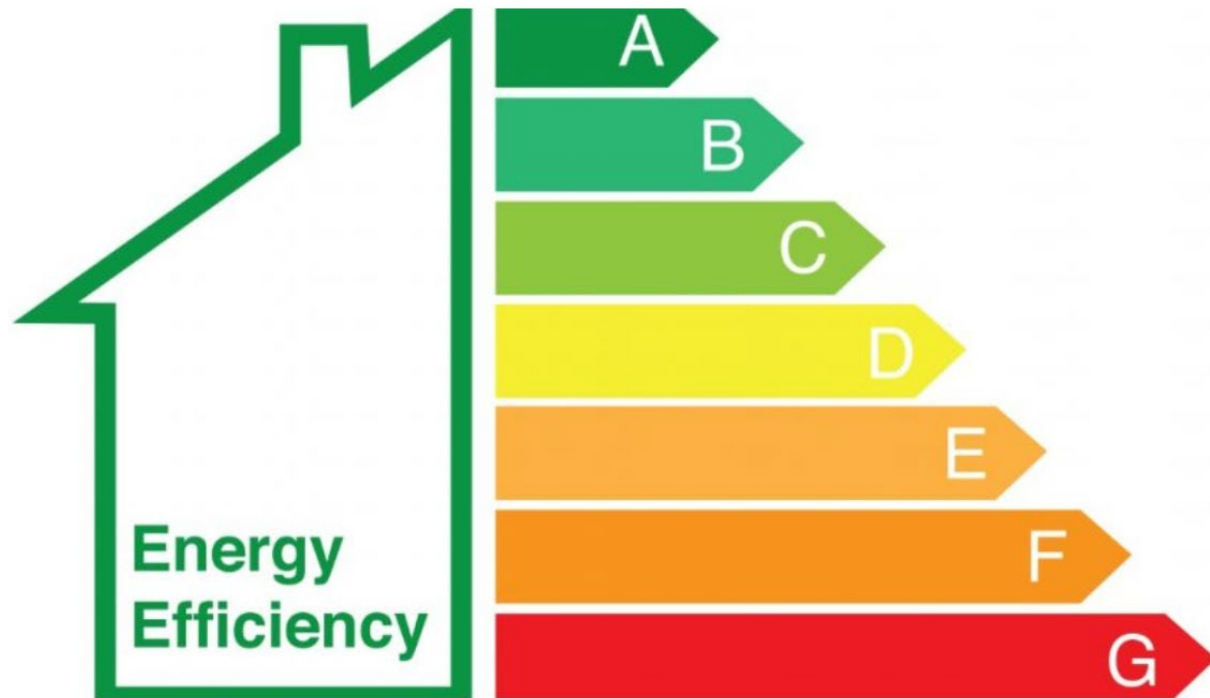
The Potential of Energy Efficiency in Delaware

Delaware Energy Conference

October 24, 2019

Wilmington, DE





- What is a Potential Study?
- Key Findings: 2014 DE Potential Study
- Key Findings: 2019 DE Potential Study Update

Overview



Why Measure the
Potential of
Energy Efficiency?

What is a
Potential
Study?



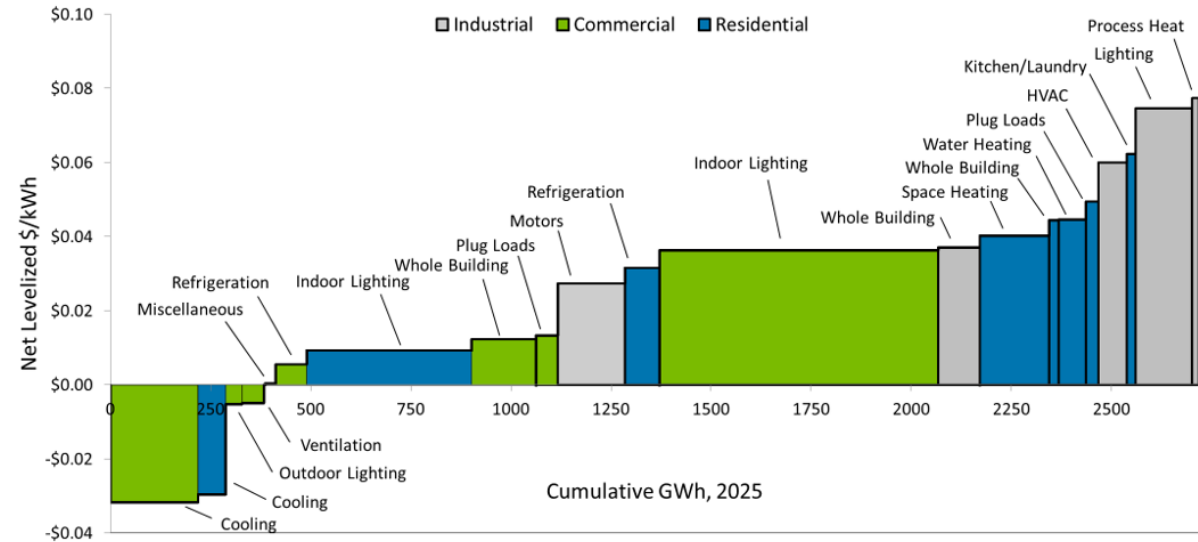


An analysis showing the amount of energy savings that

- Exists
- Is cost-effective, or
- Could be realized by implementing specific energy efficiency programs

Is most often used by legislators and regulators to inform energy efficiency policy and programs

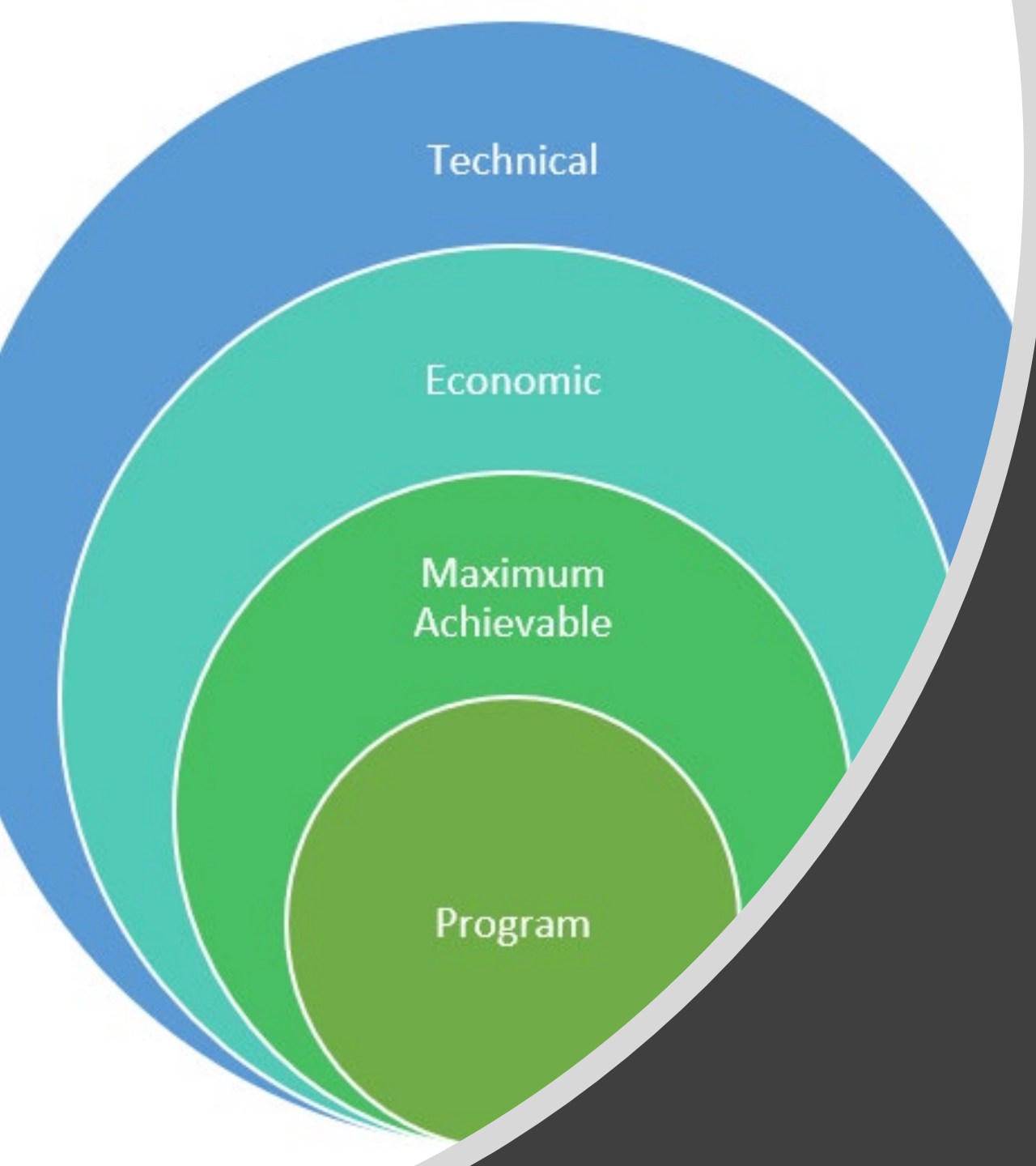
What Value Does a Potential Study Provide?



"Electric Energy Supply Curve", 2014 DE Potential Study

- Build a case for energy efficiency investment
- Identify alternatives to supply-side investments
- Detailed planning and program design





Types of
Efficiency
Potential

Technical Potential

- The theoretical maximum

Economic Potential

- Economically cost-effective potential compared to conventional supply-side energy resources

Achievable Potential

- Considers real-world constraints, non-measures costs (administrative, marketing, monitoring systems, etc.), and the capability of program administrators to ramp up program activity

Program Potential

- Efficiency potential of specific programs

2014 Delaware Energy Efficiency Potential Study

Study of Potential for Energy Savings in Delaware

September 4, 2014

Prepared for



by



with



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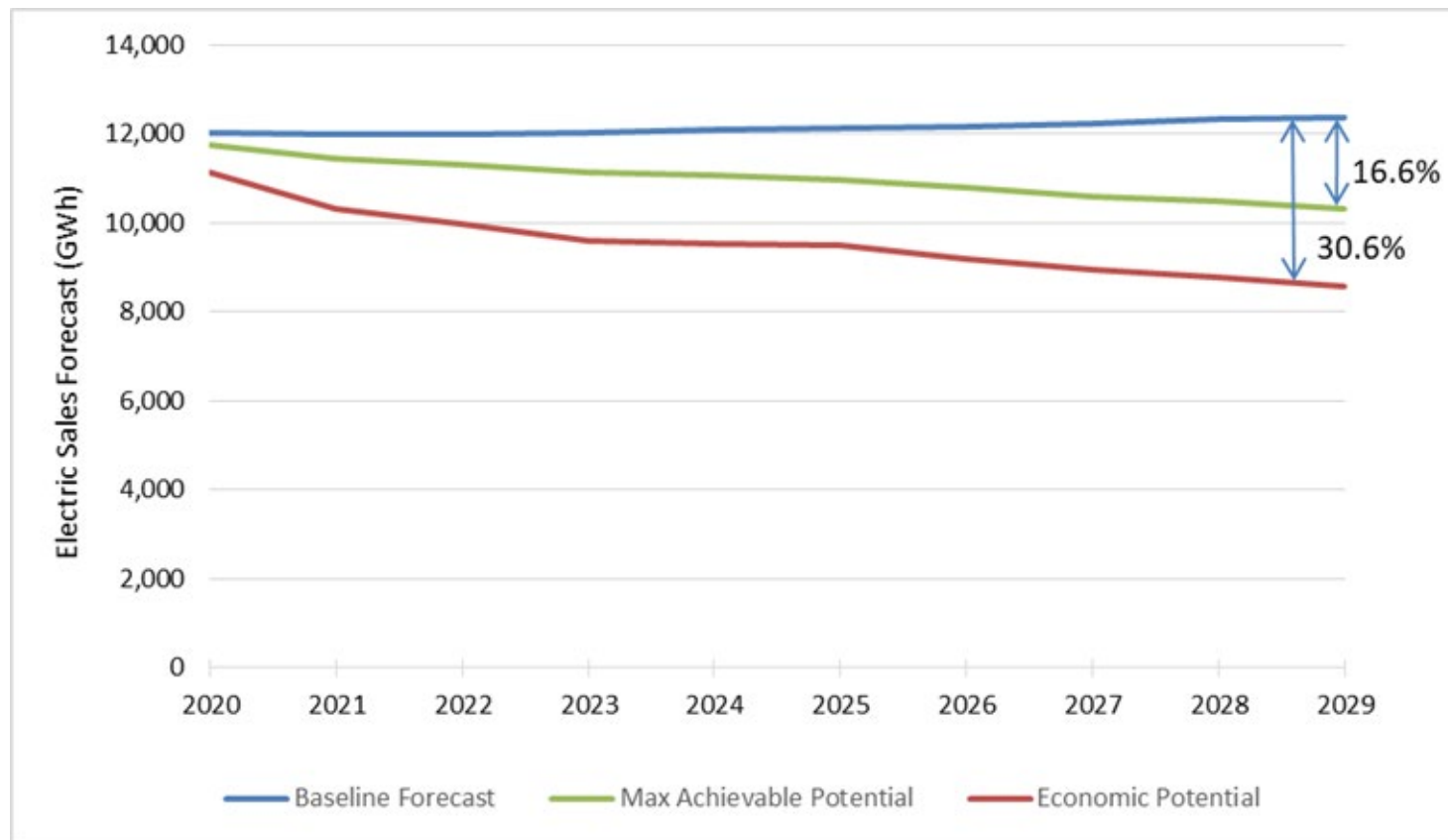
10600 Route 116, Suite 3
Hinesburg, VT 05461

2014 and 2019 Compared

	Electric Cumulative Max Achievable Savings (% 10th-year Sales)	Gas Cumulative Max Achievable Savings (% 10th-year Sales)
2014 Study	19.8%	10.1%
2019 Update	16.6%	10.8%
Change (2014 to 2019)	-3.20%	+0.70%

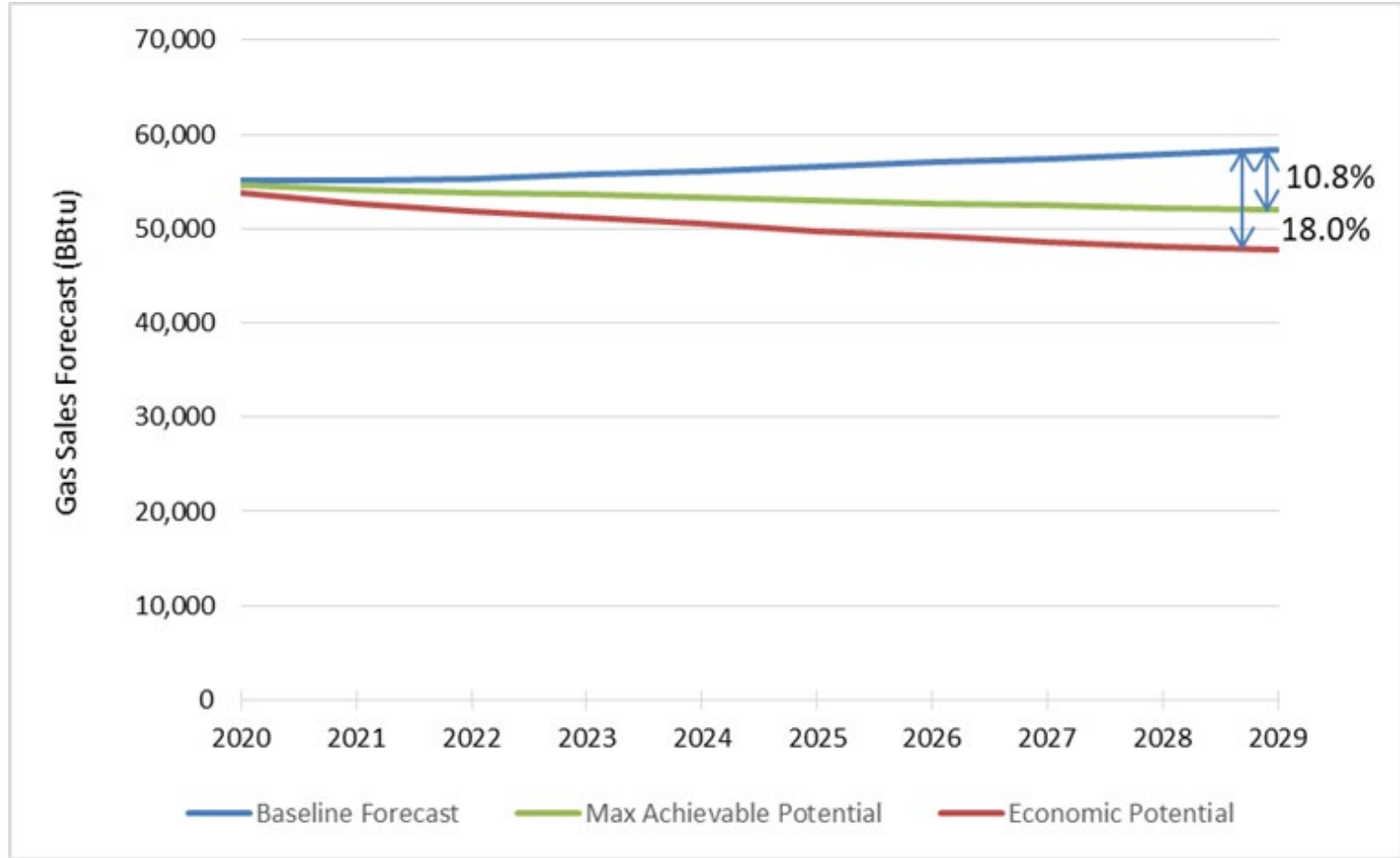
Delaware's Cumulative Electric Efficiency Potential

2019 DE Potential Study Update



Delaware's Cumulative Natural Gas Efficiency Potential

2019 DE Potential Study Update



In Conclusion

- There are large amounts of highly cost-effective electricity and natural gas efficiency savings in Delaware.
- Efficiency program activity to date has not captured a significant portion of the potential for energy efficiency in Delaware.
- Electric and gas capacity needs can be positively impacted by efficiency programs in the state.



Thank you

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