

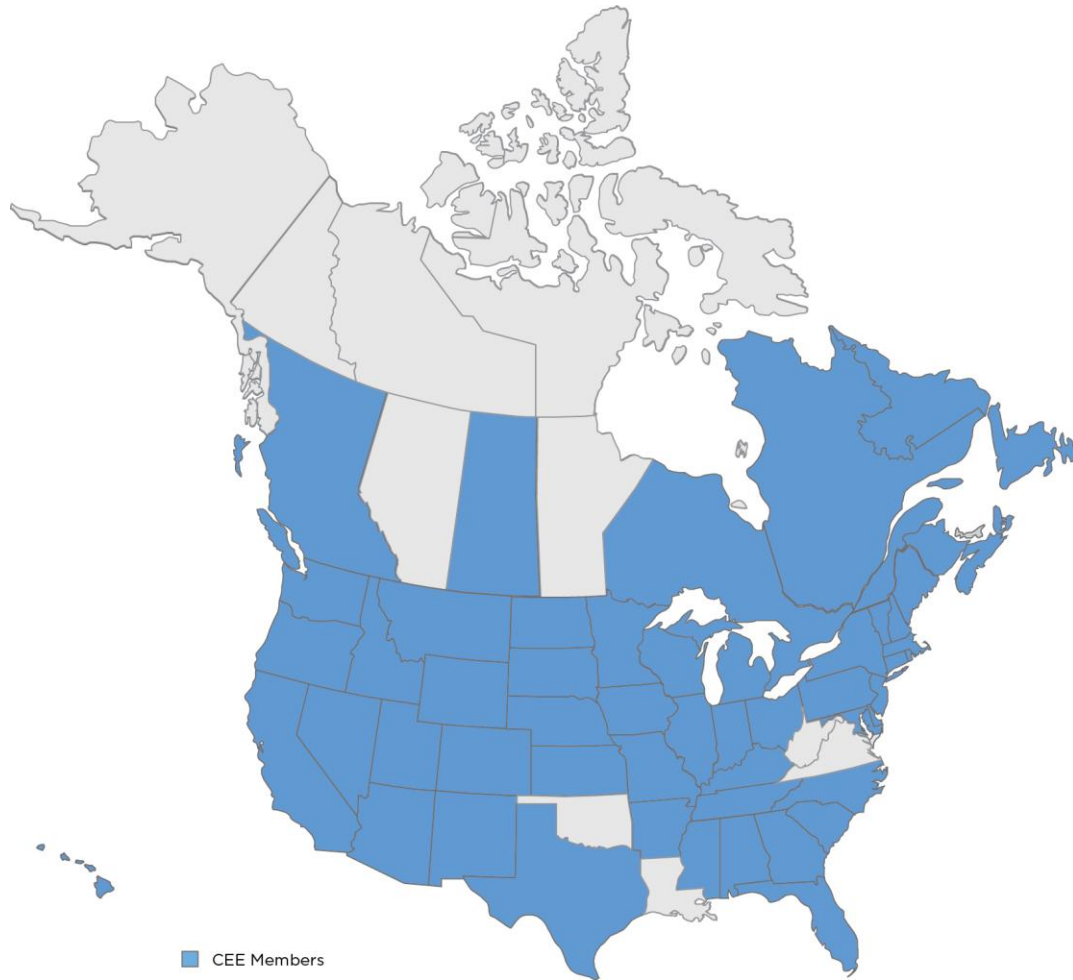



Consortium for Energy Efficiency

ACEEE Plenary Session

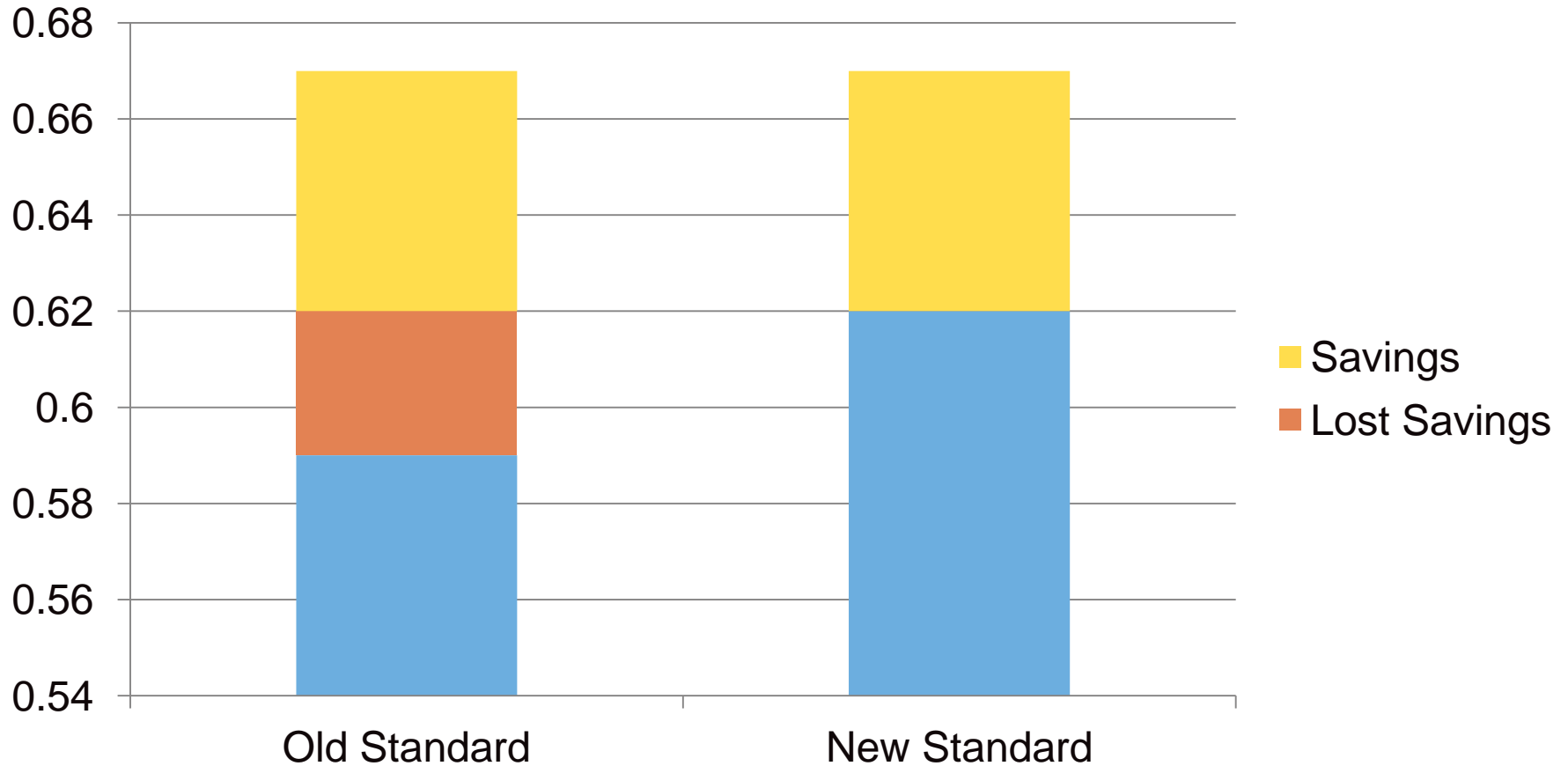
George M. Chapman
Senior Program Manager
February 27, 2017
ACEEE Hot Water Forum

CEE Today



- ▼ CEE brings together 100 program administrators serving all or part of 45 states and 7 provinces
- ▼ CEE program model was recognized by the EPA with the 2009 Climate Protection Award 
- ▼ CEE is a member-driven nonprofit, governed by a Board of Directors from member organizations

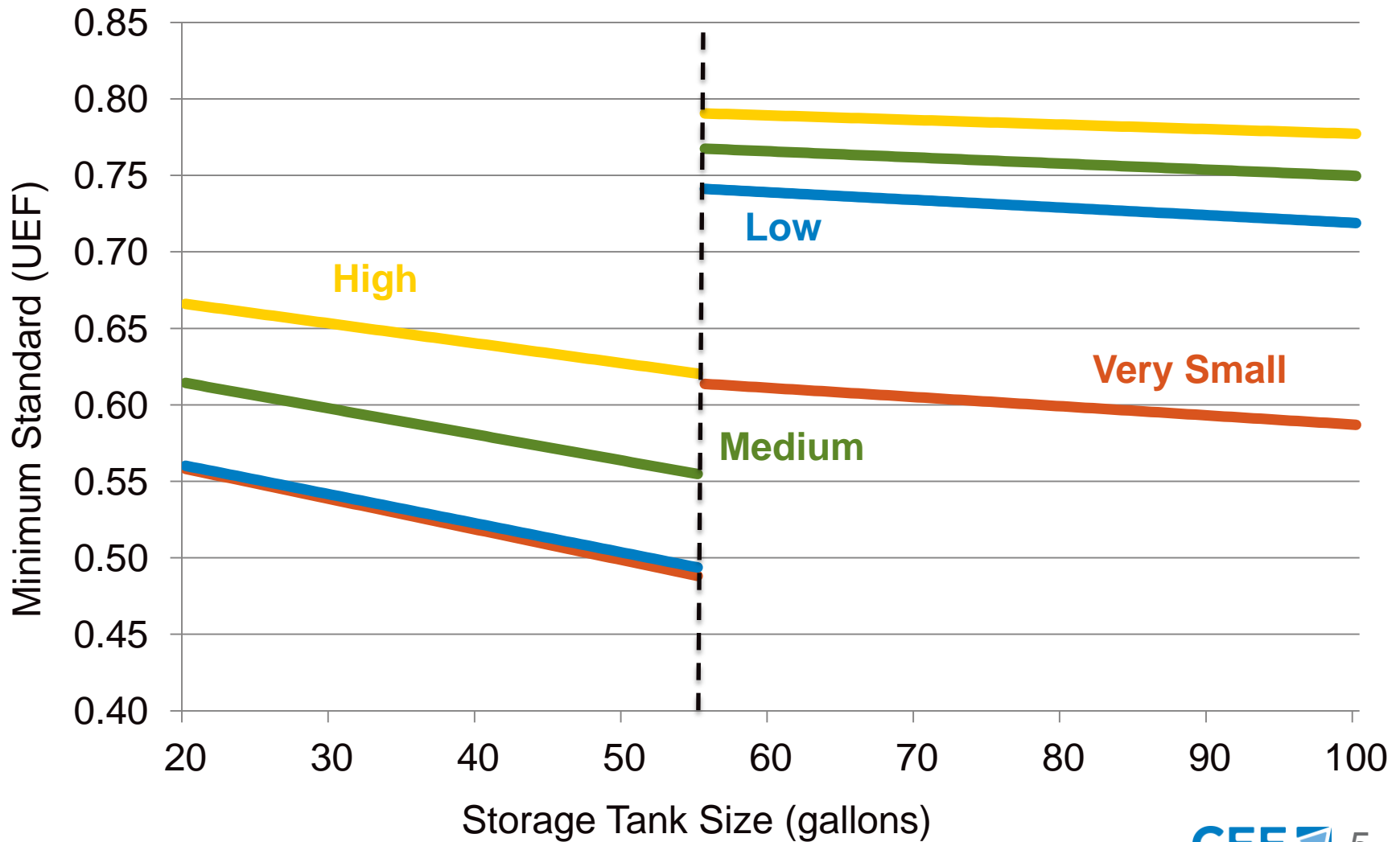
Rising Baselines = Decreased Member Savings



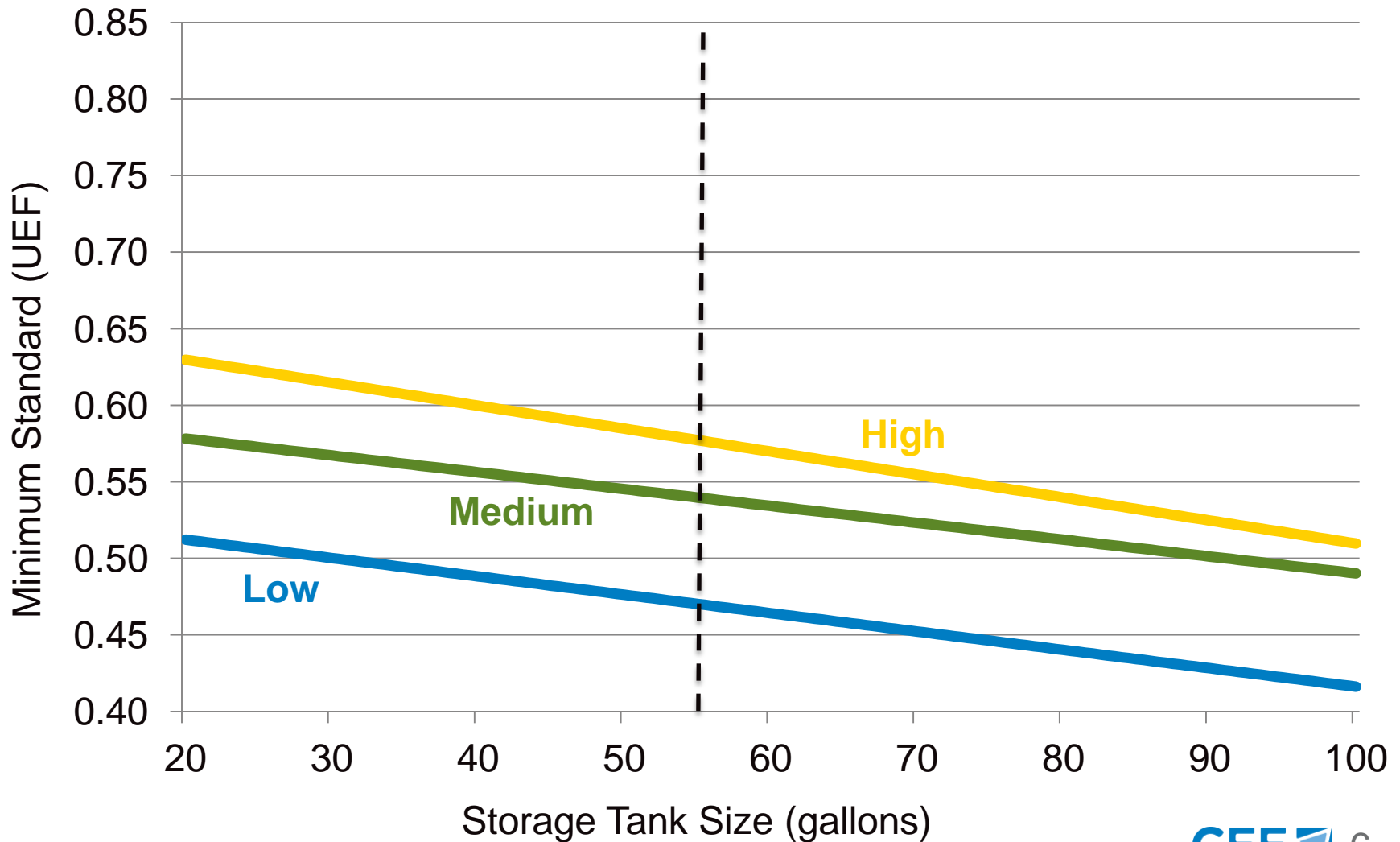
Decreased Savings Over Baseline = Challenging Cost Effectiveness

$$\frac{B}{C} > 1 \quad \rightarrow \quad \frac{B - n}{C} > 1$$

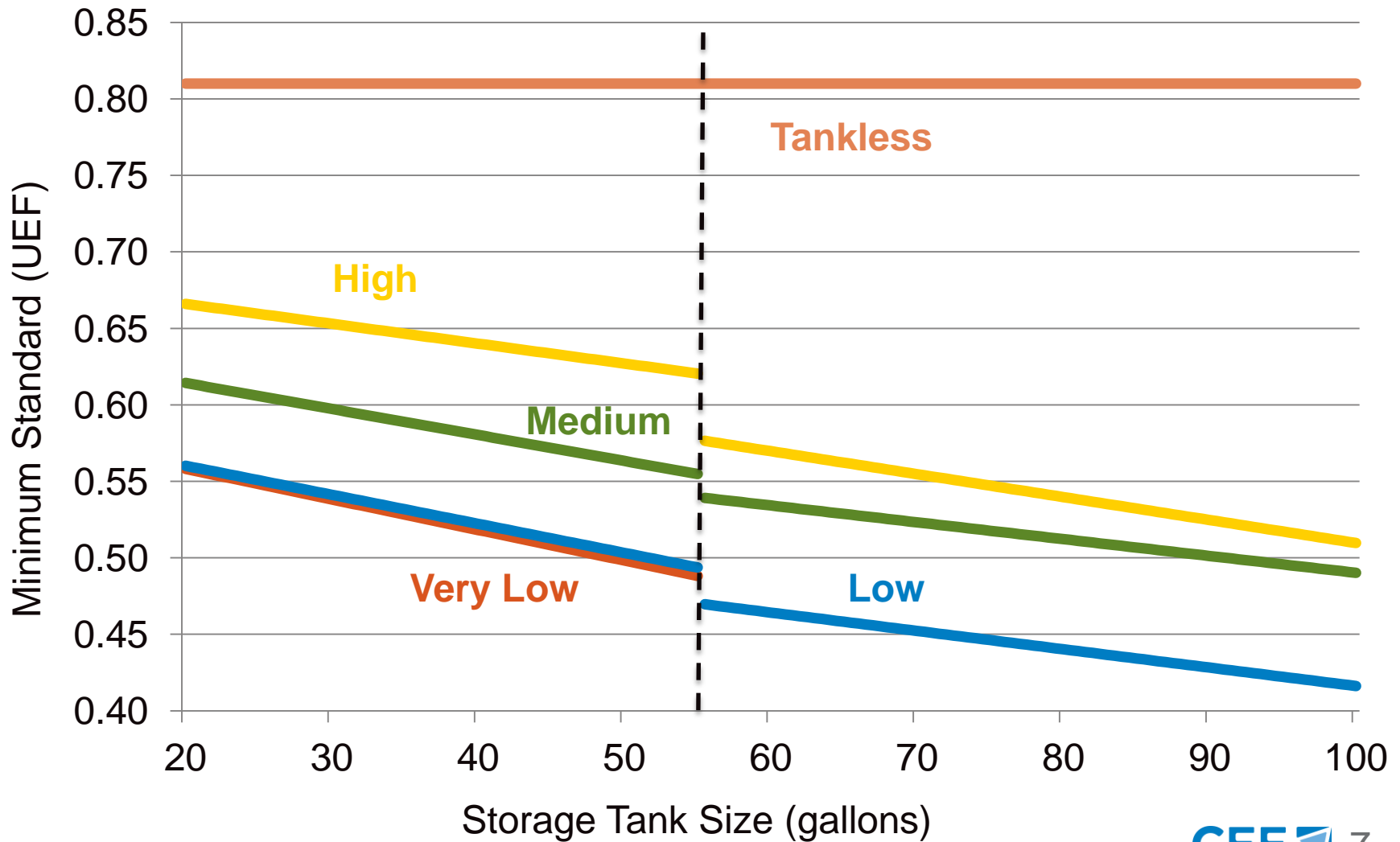
Minimum Standards for Gas Storage Water Heaters in UEF



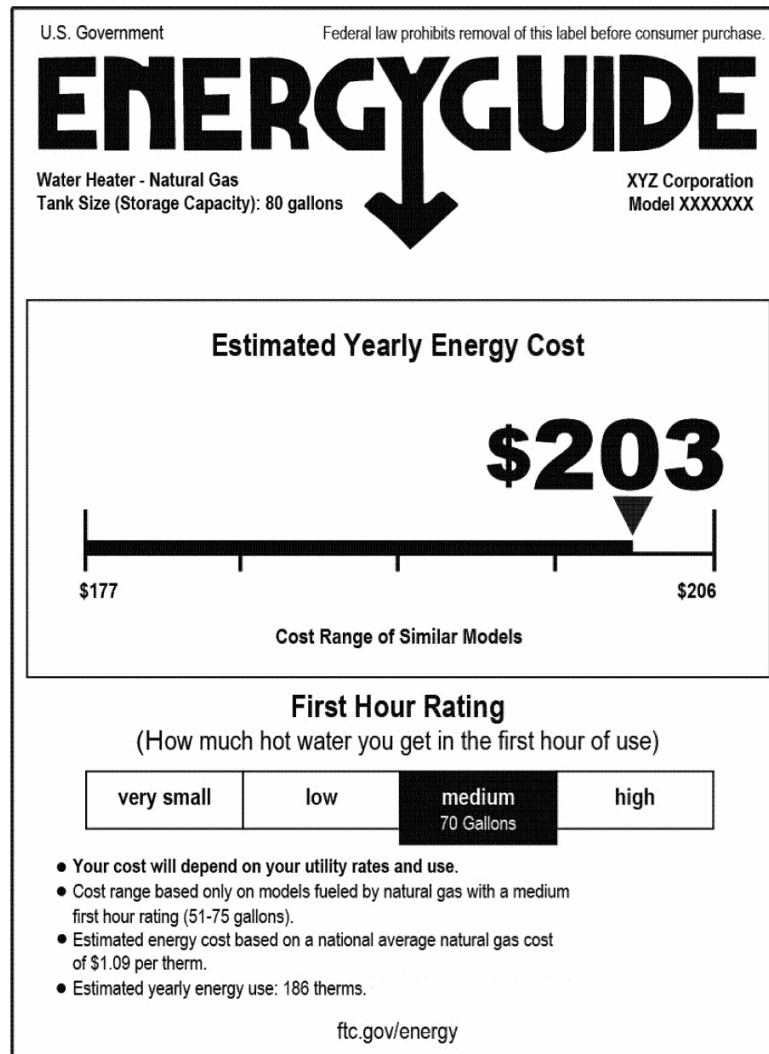
Minimum Standards for Residential Duty Gas Water Heaters in UEF



Combined Minimum Standards for Gas Water Heaters in UEF



Helping Consumers Understand Recent Changes



Challenges Go Far Beyond Specifications

Telephony	3,818	19%	
<i>Analog</i> ¹⁷	2,796	22%	
<i>VOIP</i>	1,021	14%	
Televisions	33,879	89%	Version 7.0 – October 30, 2015
<i>LCD</i>	33,827	89%	
<i>LCD < 40</i>	12,691	81%	
<i>LCD ≥ 40</i>	21,135	94%	
<i>OLED</i>	53	73%	
Uninterruptible Power Supply	9,194	N/A	
Vending Machines	52	21%	
Ventilating Fans	9,288	N/A	
Water Coolers	1,474	2%	Revision Planned 2017
Water Heaters ¹⁸	330	4%	Version 3.0 – April 16, 2015
<i>Gas Storage</i>	275	6%	
<i>Gas Tankless</i>	297	N/A	
<i>Heat Pump</i>	55	1%	
<i>Solar</i>	8	N/A	
Windows, Doors and Skylights ¹⁹	48,681	82%	Version 6.0 – January 1, 2015 January 1, 2016 (for northern zone windows)

Contact



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