



EE R&D AT CENTERPOINT ENERGY

FEBRUARY 28, 2020



- Limited by statute
 - Maximum spending level
 - For CenterPoint, maximum is about ~\$400k (~1% of portfolio budget)
- Rely on state-funded R&D for a lot of things
 - Competitive grant process (CARD)
 - Utilities may submit letters of support for proposals
- Own funds primarily go to:
 - Collaborative efforts with others
 - Localized pilots with potential for expansion
 - Field tests of new technologies
- Forced to think carefully about R&D vs Pilot Program

EXAMPLES

- Collaboration
 - ACEEE (multi-funder studies)
 - Center for Energy and Environment
- Pilots
 - Residential Engagement Pilot – local test of new program design, demonstrated feasibility and cost-effectiveness
- Field Testing
 - Gas Technology Institute – gas heat pump field testing
 - GTI – condensing RTU testing
 - CleanO2

CLEAN O2



- Currently being field tested in BC (Fortis BC)
- First US installations should occur in 2020
 - Initial locations identified, ready to install
 - Permitting can be challenging
- Hope to validate energy savings, establish cost-effectiveness
 - Potential EE rebate