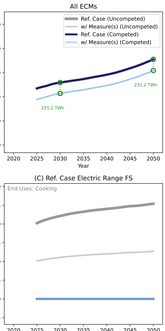
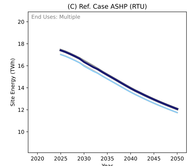
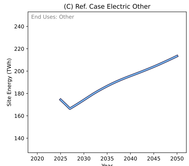
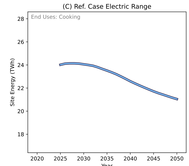
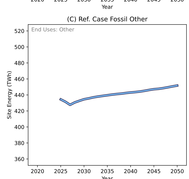

All ECMs
Ref. Case (Uncompeted)
w/ Measure(s) (Uncompeted)
Ref. Case (Competed)
w/ Measure(s) (Competed)
231.2 TWh
225.2 TWh
Site Energy (TWh)
Year

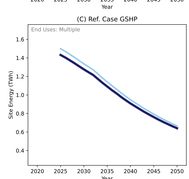

(C) Ref. Case ASHP (RTU)
End Uses: Multiple
Site Energy (TWh)
Year

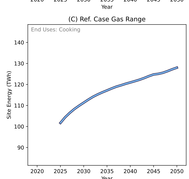

(C) Ref. Case Electric Other
End Uses: Other
Site Energy (TWh)
Year

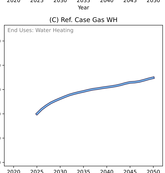

(C) Ref. Case Electric Range
End Uses: Cooking
Site Energy (TWh)
Year

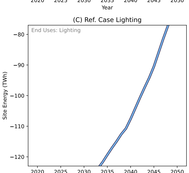
(C) Ref. Case Electric Range FS
End Uses: Cooking
Site Energy (TWh)
Year

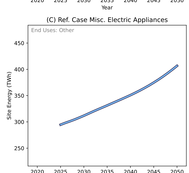

(C) Ref. Case Fossil Other
End Uses: Other
Site Energy (TWh)
Year

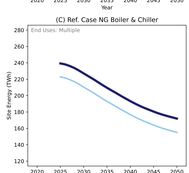

(C) Ref. Case GSHP
End Uses: Multiple
Site Energy (TWh)
Year

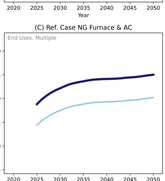

(C) Ref. Case Gas Range
End Uses: Cooking
Site Energy (TWh)
Year

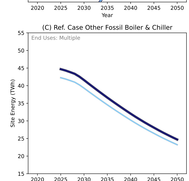

(C) Ref. Case Gas WH
End Uses: Water Heating
Site Energy (TWh)
Year

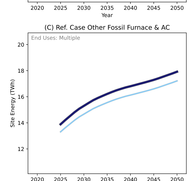

(C) Ref. Case Lighting
End Uses: Lighting
Site Energy (TWh)
Year

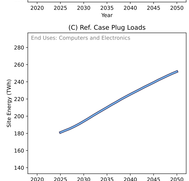

(C) Ref. Case Misc. Electric Appliances
End Uses: Other
Site Energy (TWh)
Year

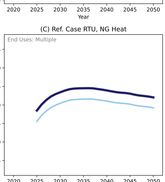

(C) Ref. Case NG Boiler & Chiller
End Uses: Multiple
Site Energy (TWh)
Year

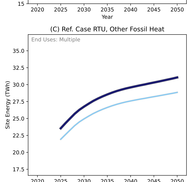

(C) Ref. Case NG Furnace & AC
End Uses: Multiple
Site Energy (TWh)
Year

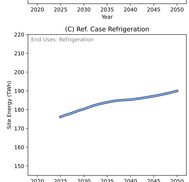

(C) Ref. Case Other Fossil Boiler & Chiller
End Uses: Multiple
Site Energy (TWh)
Year

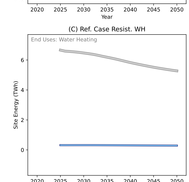

(C) Ref. Case Other Fossil Furnace & AC
End Uses: Multiple
Site Energy (TWh)
Year

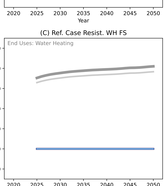

(C) Ref. Case Plug Loads
End Uses: Computers and Electronics
Site Energy (TWh)
Year

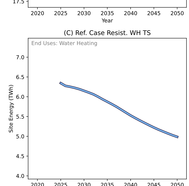

(C) Ref. Case RTU, NG Heat
End Uses: Multiple
Site Energy (TWh)
Year

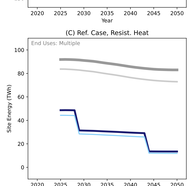

(C) Ref. Case RTU, Other Fossil Heat
End Uses: Multiple
Site Energy (TWh)
Year

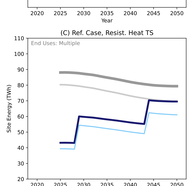

(C) Ref. Case Refrigeration
End Uses: Refrigeration
Site Energy (TWh)
Year

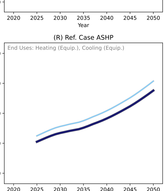

(C) Ref. Case Resist. WH
End Uses: Water Heating
Site Energy (TWh)
Year

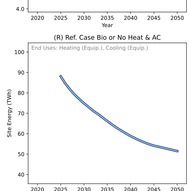

(C) Ref. Case Resist. WH FS
End Uses: Water Heating
Site Energy (TWh)
Year

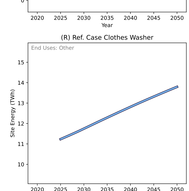

(C) Ref. Case Resist. WH TS
End Uses: Water Heating
Site Energy (TWh)
Year

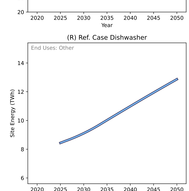

(C) Ref. Case, Resist. Heat
End Uses: Multiple
Site Energy (TWh)
Year

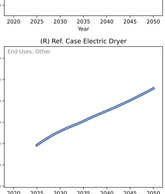

(C) Ref. Case, Resist. Heat TS
End Uses: Multiple
Site Energy (TWh)
Year

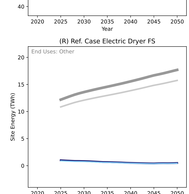

(R) Ref. Case ASHP
End Uses: Heating (Equip.), Cooling (Equip.)
Site Energy (TWh)
Year

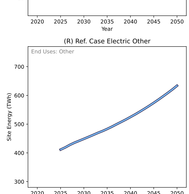

(R) Ref. Case Bio or No Heat & AC
End Uses: Heating (Equip.), Cooling (Equip.)
Site Energy (TWh)
Year

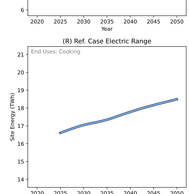

(R) Ref. Case Clothes Washer
End Uses: Other
Site Energy (TWh)
Year

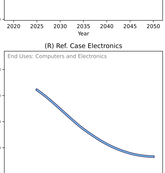

(R) Ref. Case Dishwasher
End Uses: Other
Site Energy (TWh)
Year

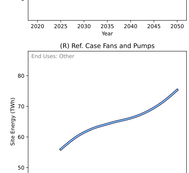

(R) Ref. Case Electric Dryer
End Uses: Other
Site Energy (TWh)
Year

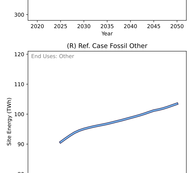

(R) Ref. Case Electric Dryer FS
End Uses: Other
Site Energy (TWh)
Year

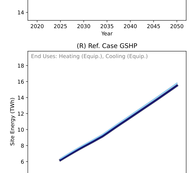

(R) Ref. Case Electric Other
End Uses: Other
Site Energy (TWh)
Year

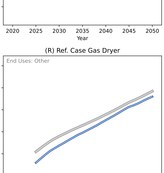

(R) Ref. Case Electric Range
End Uses: Cooking
Site Energy (TWh)
Year

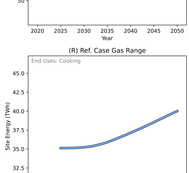

(R) Ref. Case Electronics
End Uses: Computers and Electronics
Site Energy (TWh)
Year

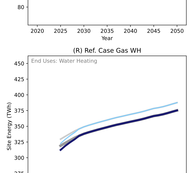

(R) Ref. Case Fans and Pumps
End Uses: Other
Site Energy (TWh)
Year

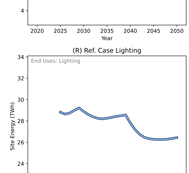

(R) Ref. Case Fossil Other
End Uses: Other
Site Energy (TWh)
Year

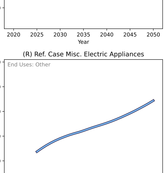

(R) Ref. Case GSHP
End Uses: Heating (Equip.), Cooling (Equip.)
Site Energy (TWh)
Year

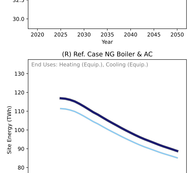

(R) Ref. Case Gas Dryer
End Uses: Other
Site Energy (TWh)
Year

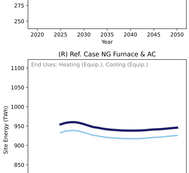

(R) Ref. Case Gas Range
End Uses: Cooking
Site Energy (TWh)
Year

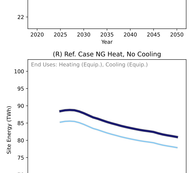

(R) Ref. Case Gas WH
End Uses: Water Heating
Site Energy (TWh)
Year

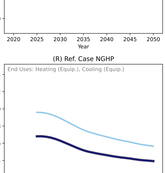

(R) Ref. Case Lighting
End Uses: Lighting
Site Energy (TWh)
Year

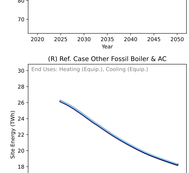

(R) Ref. Case Misc. Electric Appliances
End Uses: Other
Site Energy (TWh)
Year

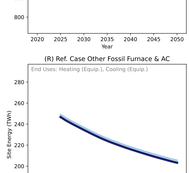

(R) Ref. Case NG Boiler & AC
End Uses: Heating (Equip.), Cooling (Equip.)
Site Energy (TWh)
Year

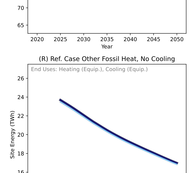

(R) Ref. Case NG Furnace & AC
End Uses: Heating (Equip.), Cooling (Equip.)
Site Energy (TWh)
Year

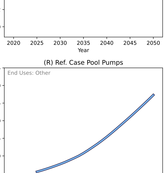

(R) Ref. Case NG Heat, No Cooling
End Uses: Heating (Equip.), Cooling (Equip.)
Site Energy (TWh)
Year

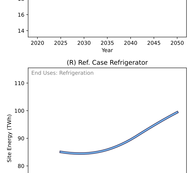

(R) Ref. Case NGHP
End Uses: Heating (Equip.), Cooling (Equip.)
Site Energy (TWh)
Year

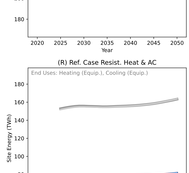

(R) Ref. Case Other Fossil Boiler & AC
End Uses: Heating (Equip.), Cooling (Equip.)
Site Energy (TWh)
Year

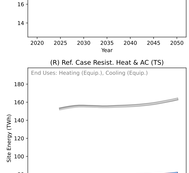

(R) Ref. Case Other Fossil Furnace & AC
End Uses: Heating (Equip.), Cooling (Equip.)
Site Energy (TWh)
Year

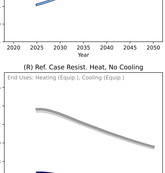

(R) Ref. Case Other Fossil Heat, No Cooling
End Uses: Heating (Equip.), Cooling (Equip.)
Site Energy (TWh)
Year

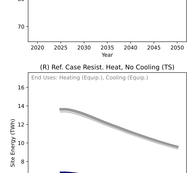

(R) Ref. Case Pool Pumps
End Uses: Other
Site Energy (TWh)
Year

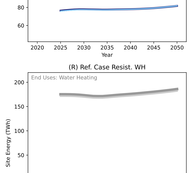

(R) Ref. Case Refrigerator
End Uses: Refrigeration
Site Energy (TWh)
Year


(R) Ref. Case Resist. Heat & AC
End Uses: Heating (Equip.), Cooling (Equip.)
Site Energy (TWh)
Year


(R) Ref. Case Resist. Heat & AC (TS)
End Uses: Heating (Equip.), Cooling (Equip.)
Site Energy (TWh)
Year


(R) Ref. Case Resist. Heat, No Cooling
End Uses: Heating (Equip.), Cooling (Equip.)
Site Energy (TWh)
Year


(R) Ref. Case Resist. Heat, No Cooling (TS)
End Uses: Heating (Equip.), Cooling (Equip.)
Site Energy (TWh)
Year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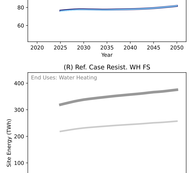
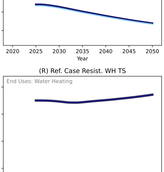
End Uses: Water Heating
Site Energy (TWh)
Year


(R) Ref. Case Resist. WH FS
End Uses: Water Heating
Site Energy (TWh)
Year


(R) Ref. Case Resist. WH TS
End Uses: Water Heating
Site Energy (TWh)
Year