

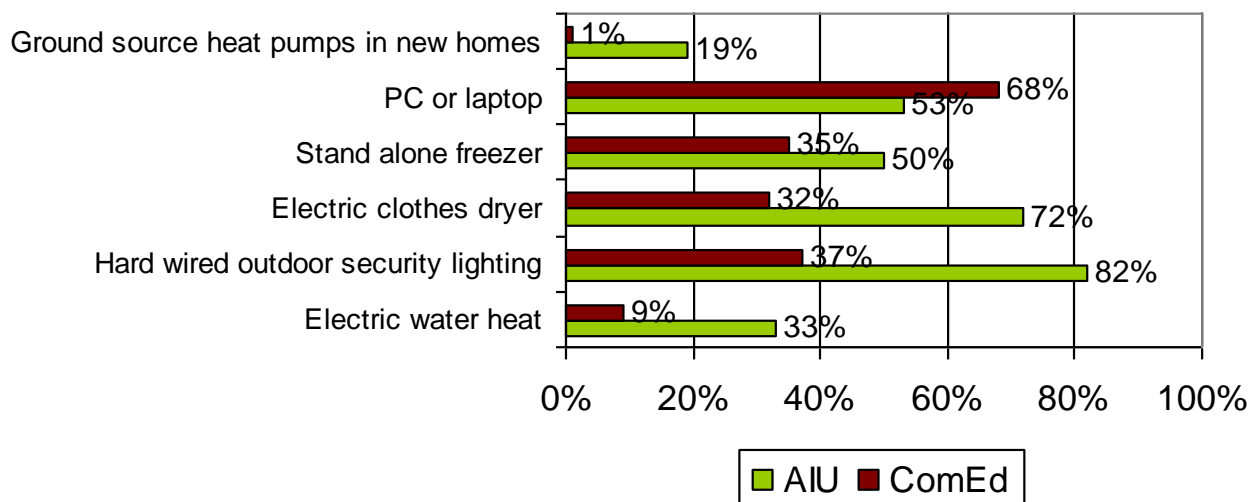
Ameren Illinois Utilities Potential Study

Comparisons with ComEd potential
study findings

Prepared for the Illinois Strategic Advisory
Committee
By The Cadmus Group
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Residential Comparisons

Residential Key Differences



- Ameren builders reported higher level of ground source heat pump installed in new homes.

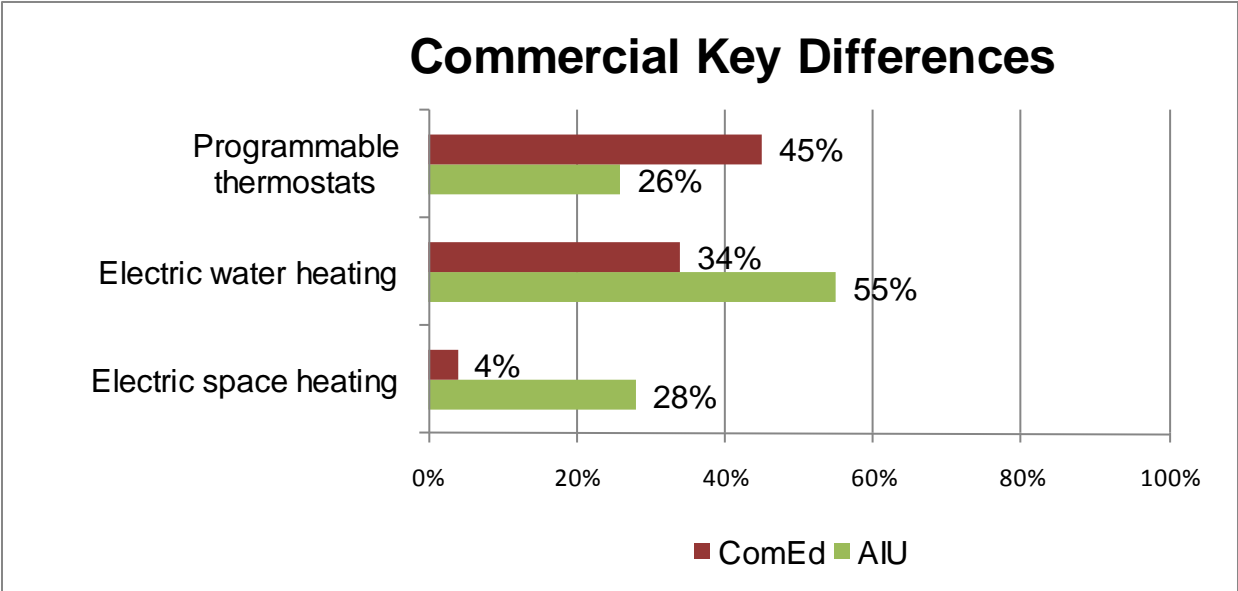
- Ameren also had more electric clothes dryers, water heat, and stand alone freezers.

- The saturation of central AC and natural gas furnace heating was similar across service territories.

Similarities

	AIU	ComEd
Central AC cooling	79%	72%
Natural Gas Furnace heating	75%	79%
Programmable thermostats	42%	44%
Second refrigerator	24%	25%
Front loading clothes washer	15%	17%
Penetration of CFL for SF homes (% of sockets)	17%	17%

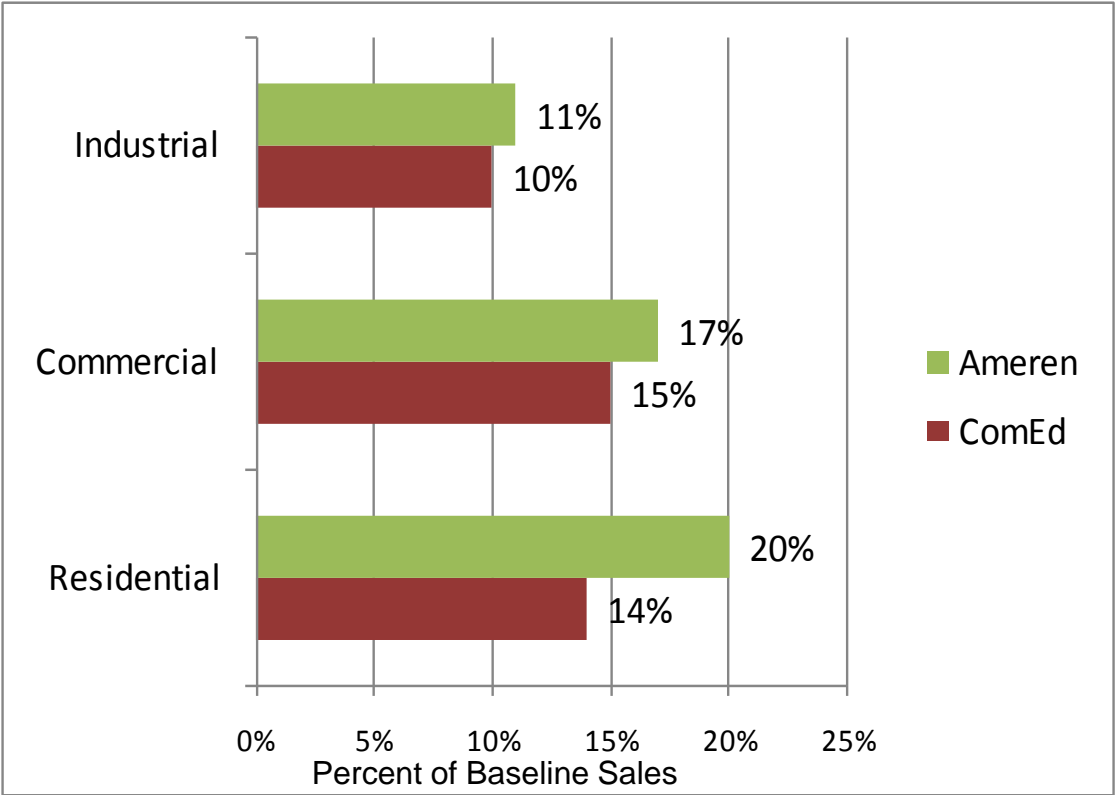
Commercial Comparisons



- AIU had higher saturations of electric water heating and space heating.
- Saturations of lighting types were similar with about half T12 and one quarter T8. AIU had slightly more Incandescents than ComEd (19% vs 11%).

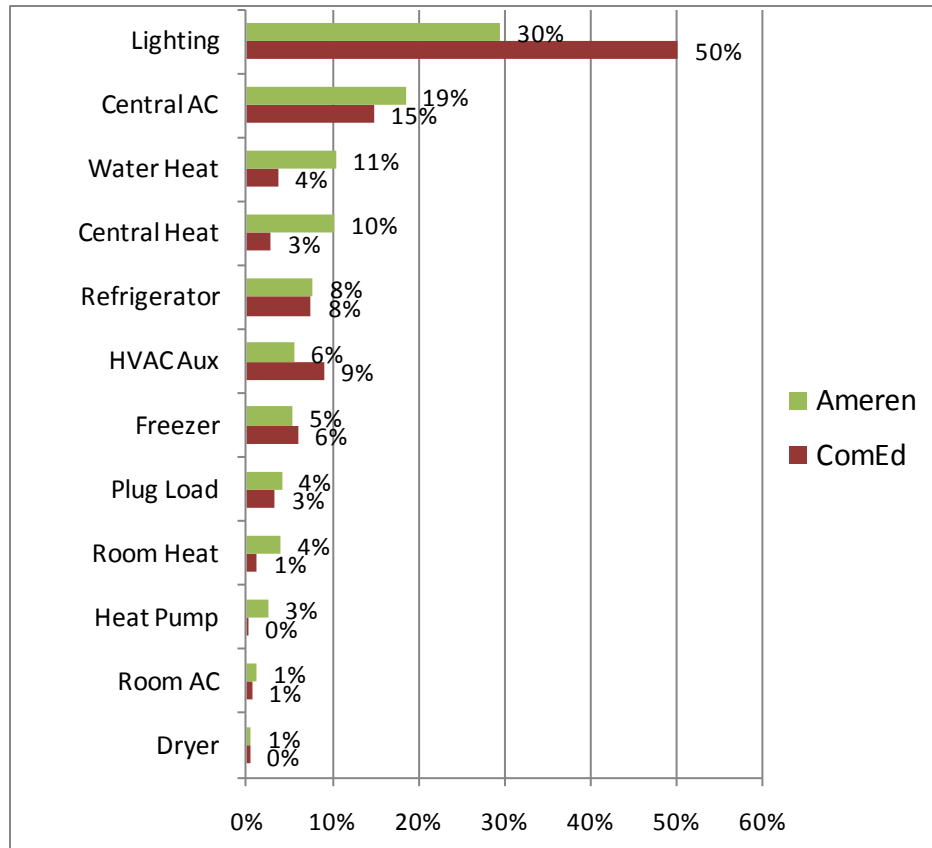
Similarities	AIU	ComEd
Furnace	66%	66%
Saturation of T12 lighting	50%	49%
Cooling equipment at 13 SEER or higher	12%	13%

Potential by Sector in 2016



Differences in
Avoided Costs
Differences in fuel
share
Differences in
composition of
market segment
(size, consumption)

Potential by End Use: Residential



- Differences in Avoided Costs
- Lower fuel share of gas appliances in ComEd (WH, Cooking, Dryer)
- Differences in UECs
 - Higher Lighting UEC in ComEd
 - Higher Plug Load and Refrigerator UECs in Ameren