#### Ameren Illinois Utilities Potential Study

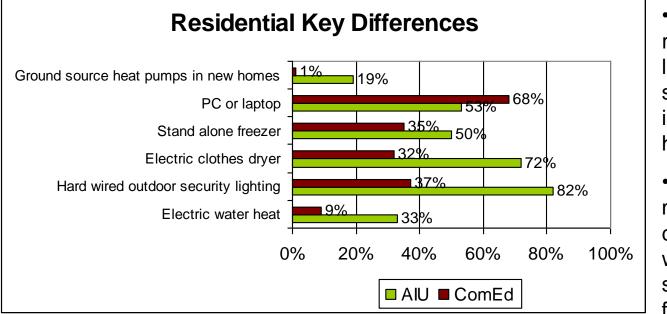
Comparisons with ComEd potential study findings

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GROUP, INC.

Prepared for the Illinois Strategic Advisory Committee By The Cadmus Group April 13, 2010

### **Residential Comparisons**



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%

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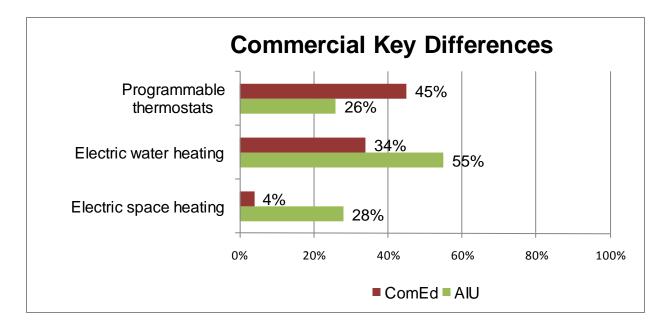
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 Ameren builders reported higher level of ground source heat pump installed in new homes.

•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.

#### **Commercial Comparisons**



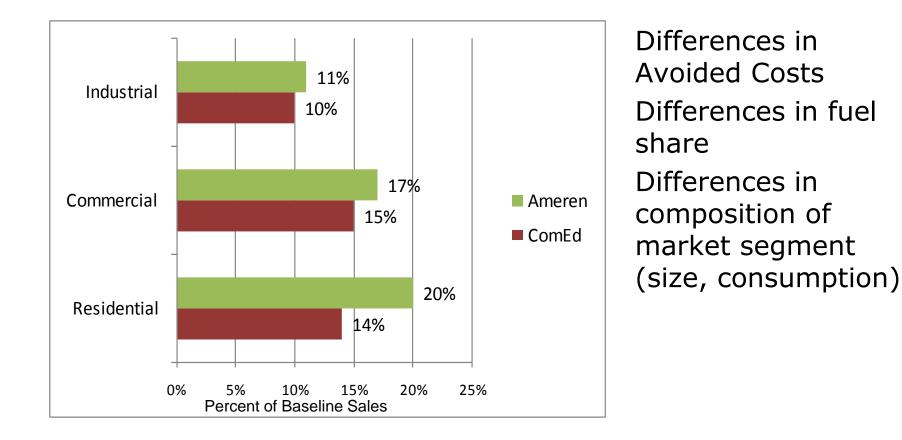
Similarities	AIU	ComEd
Furnace	66%	66%
Saturation of T12 lighting	50%	49%
Cooling equipment at 13 SEER or higher	12%	13%

•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%).

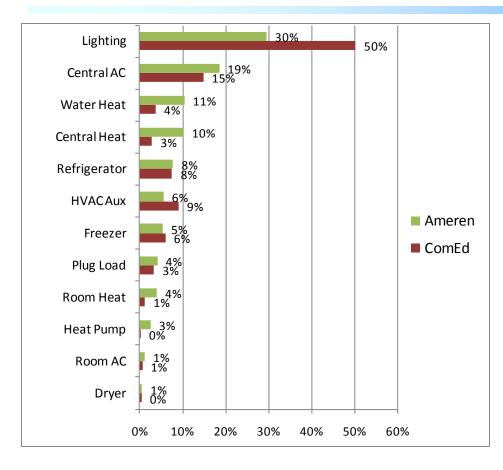


## Potential by Sector in 2016





# 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

