

# Technologies – Barriers and Lessons Learned

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**E Source**

Electrify Colorado!

# Yes, these technologies are exciting

Electric transport



Courtesy: General Motors



Courtesy: Thermador

Induction range



Courtesy: Mitsubishi Electric

Low-temperature heat pump



Courtesy: A.O. Smith

Heat pump water heater

# Here's where JEA started



Forklifts

Source: Atlantic Training



Aircraft tractors

Source: Hunini



Truck stops

Source: Rab

# SMUD focuses on residential new construction

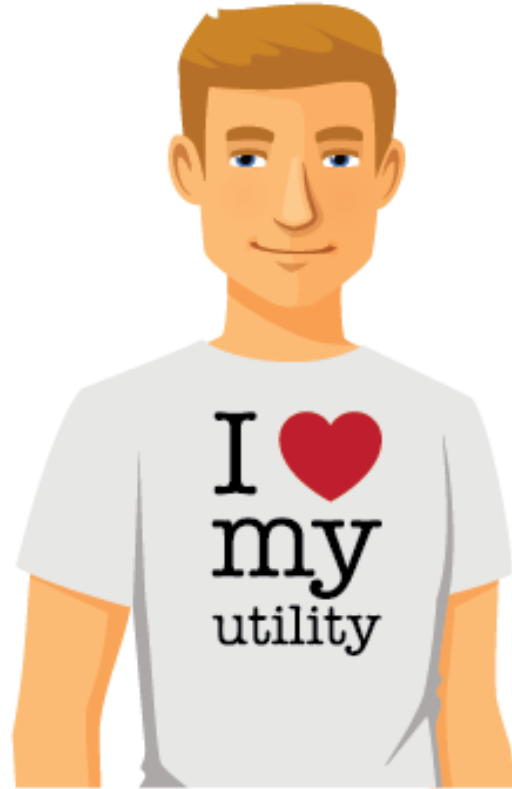
Item	Gassified	All-electric	Incremental cost
Heating	Furnace	ASHP	<b>\$25</b>
Water heating	Tankless	HPWH	<b>\$4</b>
Cooking	Stovetop & oven	Induction	<b>\$1,056</b>
Drying	Gas	Resistance	<b>\$290</b>
Infrastructure	Pipes	Panel and circuits	<b>\$950</b>
<b>Total</b>			<b>\$163</b>

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# Don't write off the gas grid just yet...



# Remember the “B” in “BE”



# For more information



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