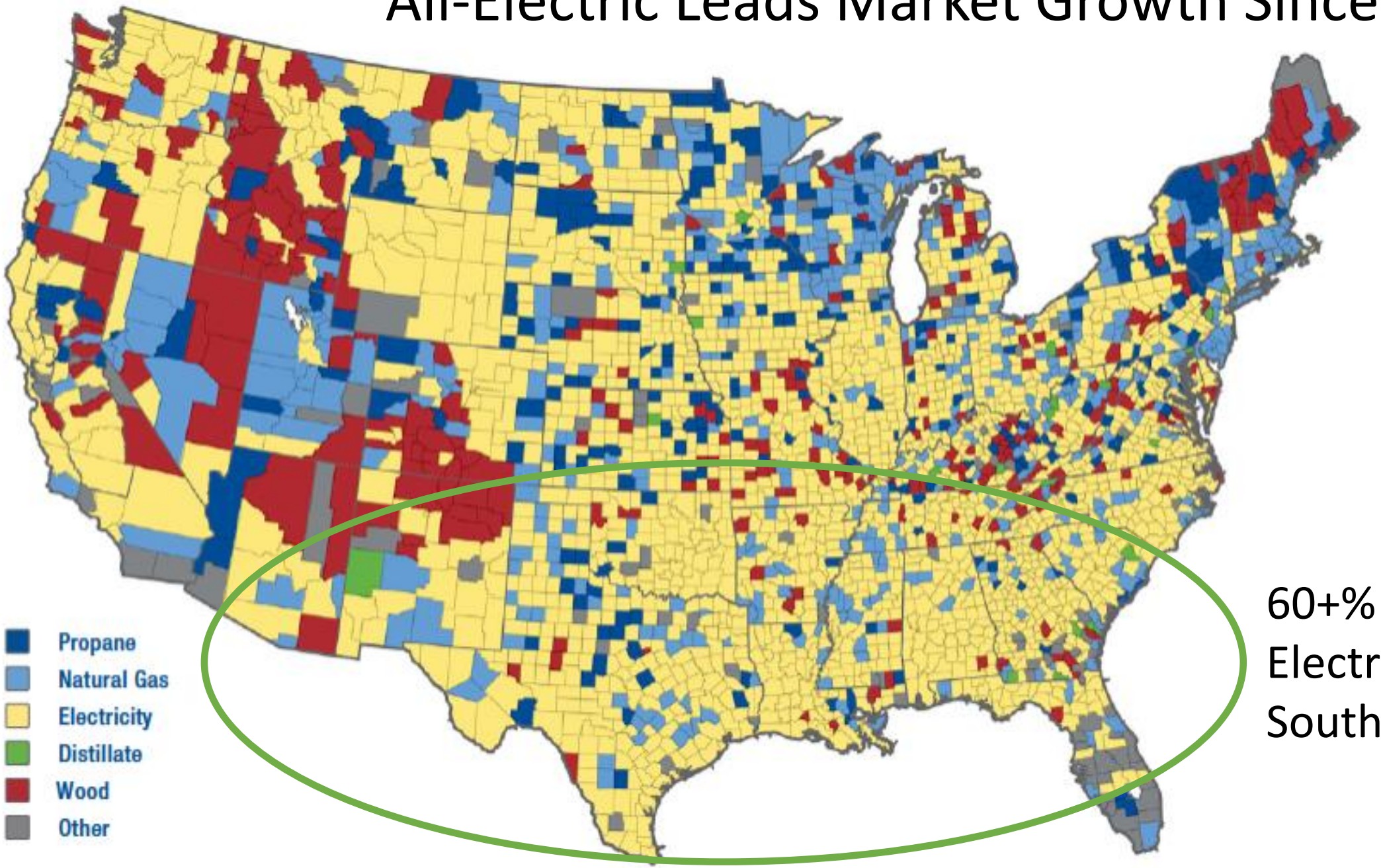
Electrification of California Households of Modest Means

MEDALLION HOME
LIVE BETTER
ELECTRICALLY

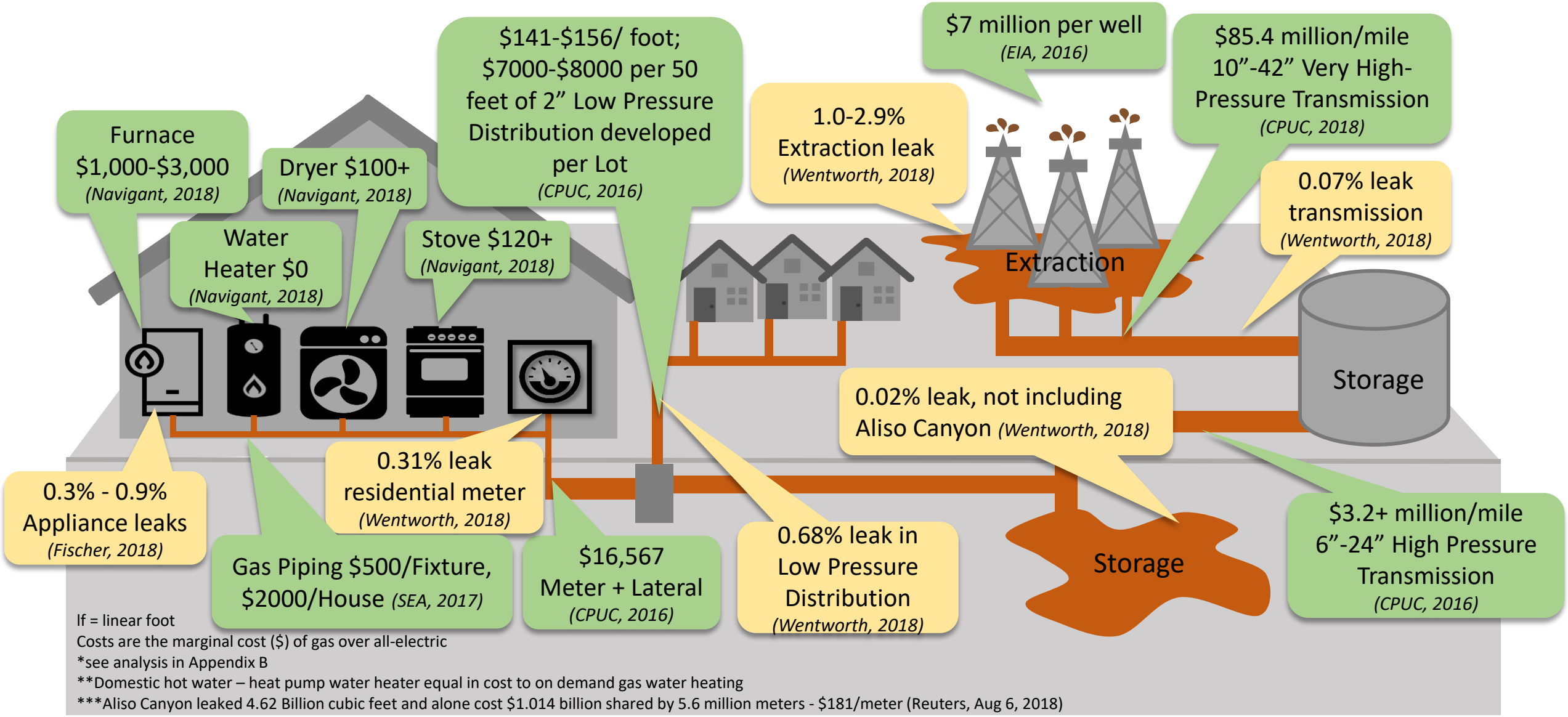
THEATER
RONALD REAGAN

All-Electric Leads Market Growth Since 2010



60+% All-Electric in the South in 2018

Methane Delivery Costs More to Build at Every Step: $25,000-$30,000 per New California Home in PG&E Territory, Leaks at 2.5% to 5%



lf = linear foot
Costs are the marginal cost ($) of gas over all-electric
*see analysis in Appendix B
**Domestic hot water – heat pump water heater equal in cost to on demand gas water heating
***Aliso Canyon leaked 4.62 Billion cubic feet and alone cost $1.014 billion shared by 5.6 million meters - $181/meter (Reuters, Aug 6, 2018)

U.S. Government

Federal law prohibits removal of this label before consumer purchase.

ENERGYGUIDE

Water Heater – ELECTRIC

Tank Size (Storage Capacity): 59 gallons

Uniform Energy Factor: 3.7

Rheem Sales Company, Inc.

Model XE65T10HD50U1

B00150

Estimated Yearly Energy Cost

$161

$225 — $732

Cost Range of Similar Models

The estimated yearly energy Cost of this model was not available at the time the range was published.

First Hour Rating

(How much hot water you get in the first hour of use)

very small	low	medium	high 75 Gallons

Estimated Yearly Electricity Use

- Your cost will depend on your utility rates and use.
- Cost range based only on models fueled by electricity with a high first hour rating (75 gallons and over)
- Estimated energy cost is based on a national average electricity cost of 12.00 cents per kWh.
- Estimated yearly energy use: 1341 kWh

ENERGY STAR

www.ftc.gov/energy.

Part No AX4258

U.S. Government

Federal law prohibits removal of this label before consumer purchase.

ENERGYGUIDE

Water Heater – Natural Gas

Tank Size (Storage Capacity): 46 gallons

Rheem Sales Company, Inc.

Model ECORHE50

B00007

Estimated Yearly Energy Cost

$231

$225 — $297

Cost Range of Similar Models

First Hour Rating

(How much hot water you get in the first hour of use)

very small	low	medium	high 87 Gallons

Estimated Yearly Energy Use

- Your cost will depend on your utility rates and use.
- Cost range based only on models fueled by natural gas with a high first hour rating (75 gallons and over)
- Estimated energy cost is based on a national average natural gas cost of $1.09 per therm.
- Estimated yearly energy use: 212 therms

ENERGY STAR

www.ftc.gov/energy.

Part No. AX4258

AURELIE DAVIS

AERMEC
1717
NO PARKING FIRE LANE
NO PARKING FIRE LANE

world habitat awards

Park Villas, National City

Valley Glen Apartments, Dixon

Belle Manor, Lakeport

King Station, King City

Silverleaf Ln
Silverleaf Ln
Silverleaf Ln
Silverleaf Ln
White Oak Dr
Larch Dr
1006 Golden Valley Drive
Golden Valley Dr
Golden Valley Dr
Golden Valley Dr

KAISER PERMANENTE

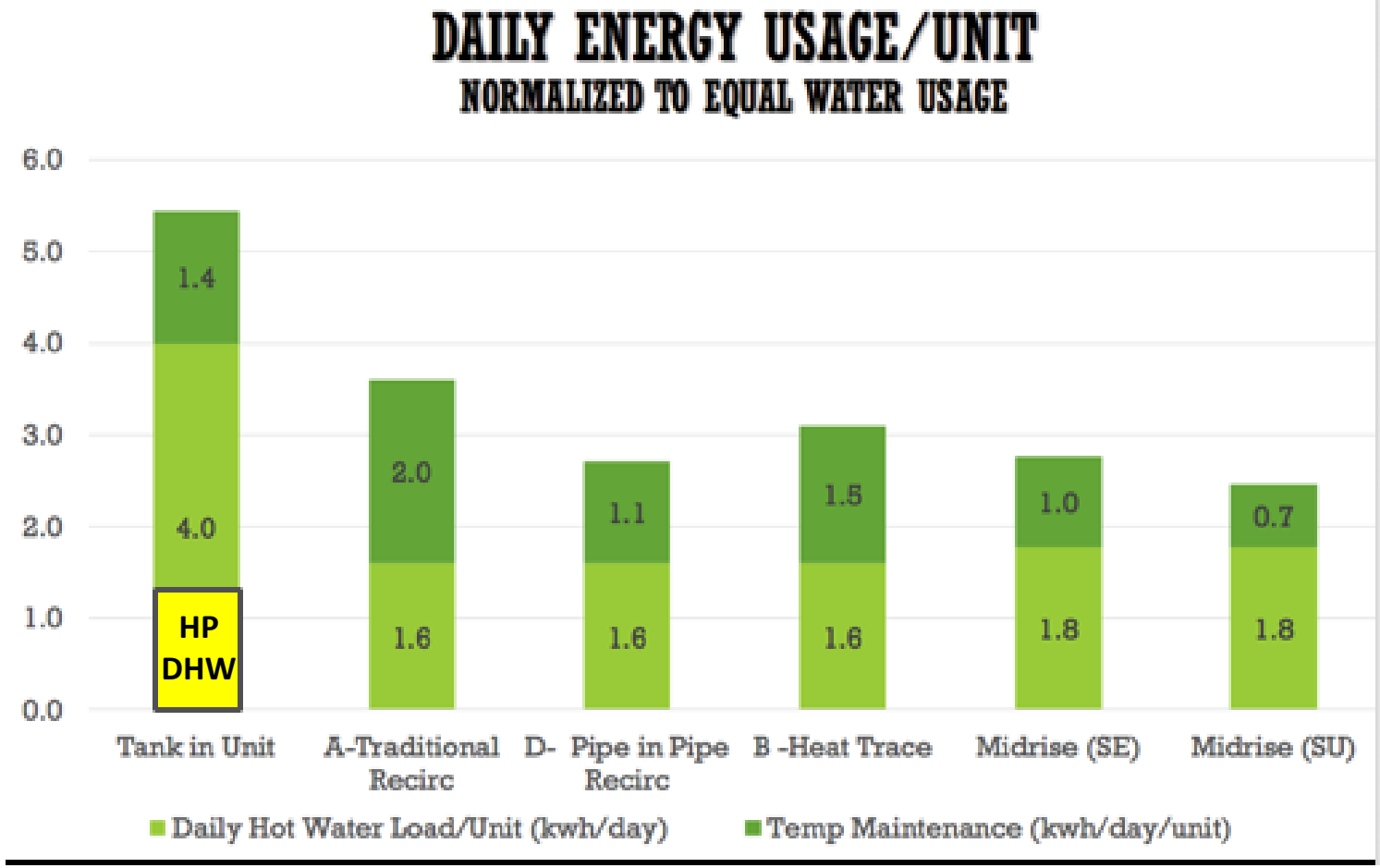
Affordable, Quiet and Efficient Heat Pumps

$3,000/Zone

$6,000/Zone

$14,000/Zone

Large Energy Savings from Using Individual Tanks for Hot Water



Retrofit-Ready Heat Pump Water Heaters are 1 Year Away

Induction and Radiant Are Cost-Effective

Kenmore Elite	Frigidaire Gallery	General Electric	Kenmore Radiant	Electrolux
$1260	$ 1,100	$2,000	$500	$1,800