



# Energy Industries

Providing Hawai'i's Energy Solutions

**Rebuild Hawai'i Consortium**  
**5 January 2011**



**Brandon Hayashi | Energy Project Developer**





do **smart** things  
better  
with **less energy**







## Hawaii Residential Electric Cost and Oil Cost per kWh





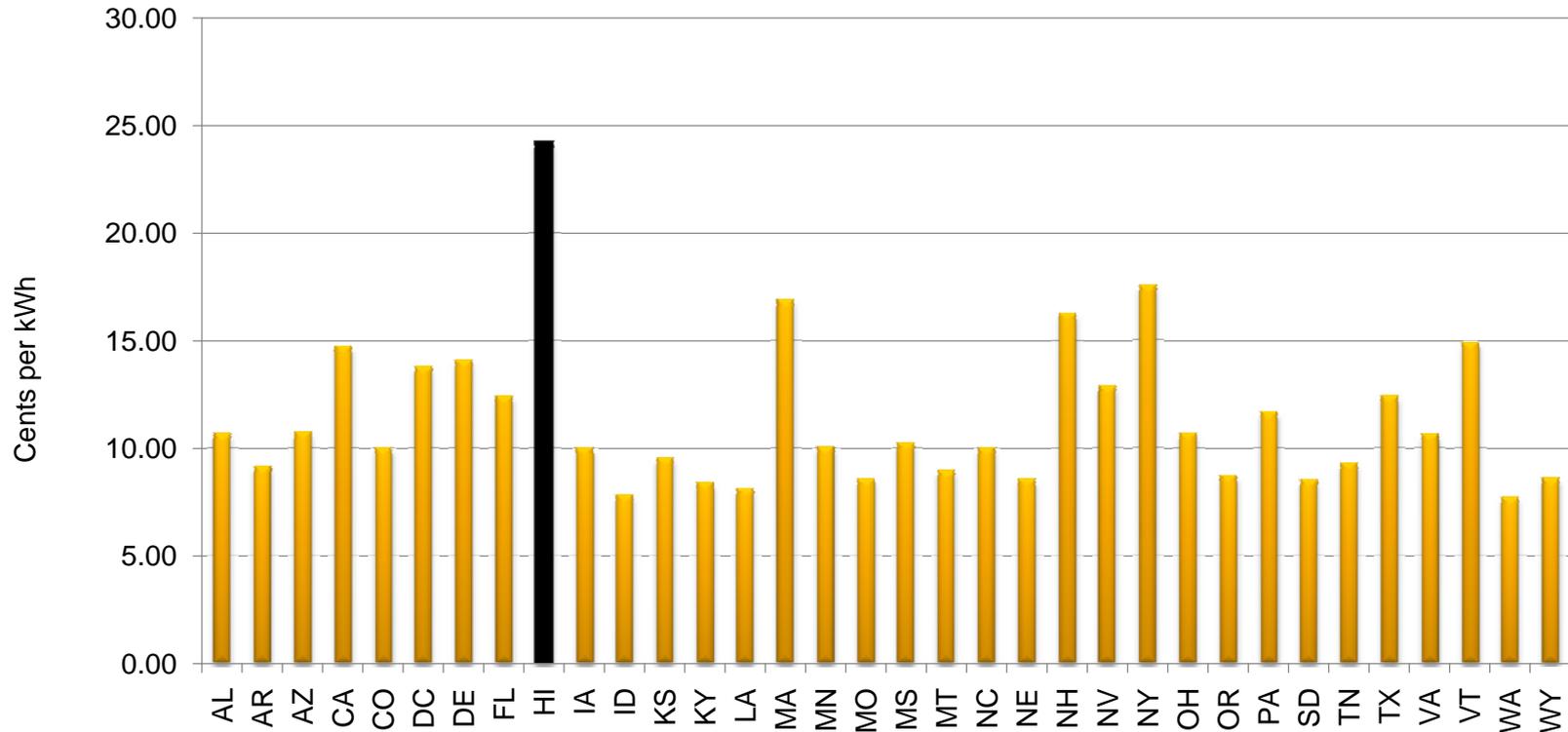
**42,569,000 barrels**

**\$ 5,171,100,000**

Source: US Energy Information Administration, State Energy Data 2008



# National Electricity Rates



Source: US Energy Information Administration





the present and future cost of  
**petroleum-derived energy**  
**is a major threat**  
to Hawai'i's economic and  
environmental sustainability

– *Professors Guidry + MacKenzie (UH Mānoa)*

“Energy Sustainability in the Pacific Basin: Emphasis on the State of Hawai'i and the Island of O‘ahu”





**34 million kWh**





**34 million kWh**  
**\$6.8 million**





**34 million kWh**

**\$6.8 million**

**52.7 million lbs**





# Who

- **Local Company with Wings**





# Who

- **Local Company with Wings**
- **Hybrid Energy Project Focus**



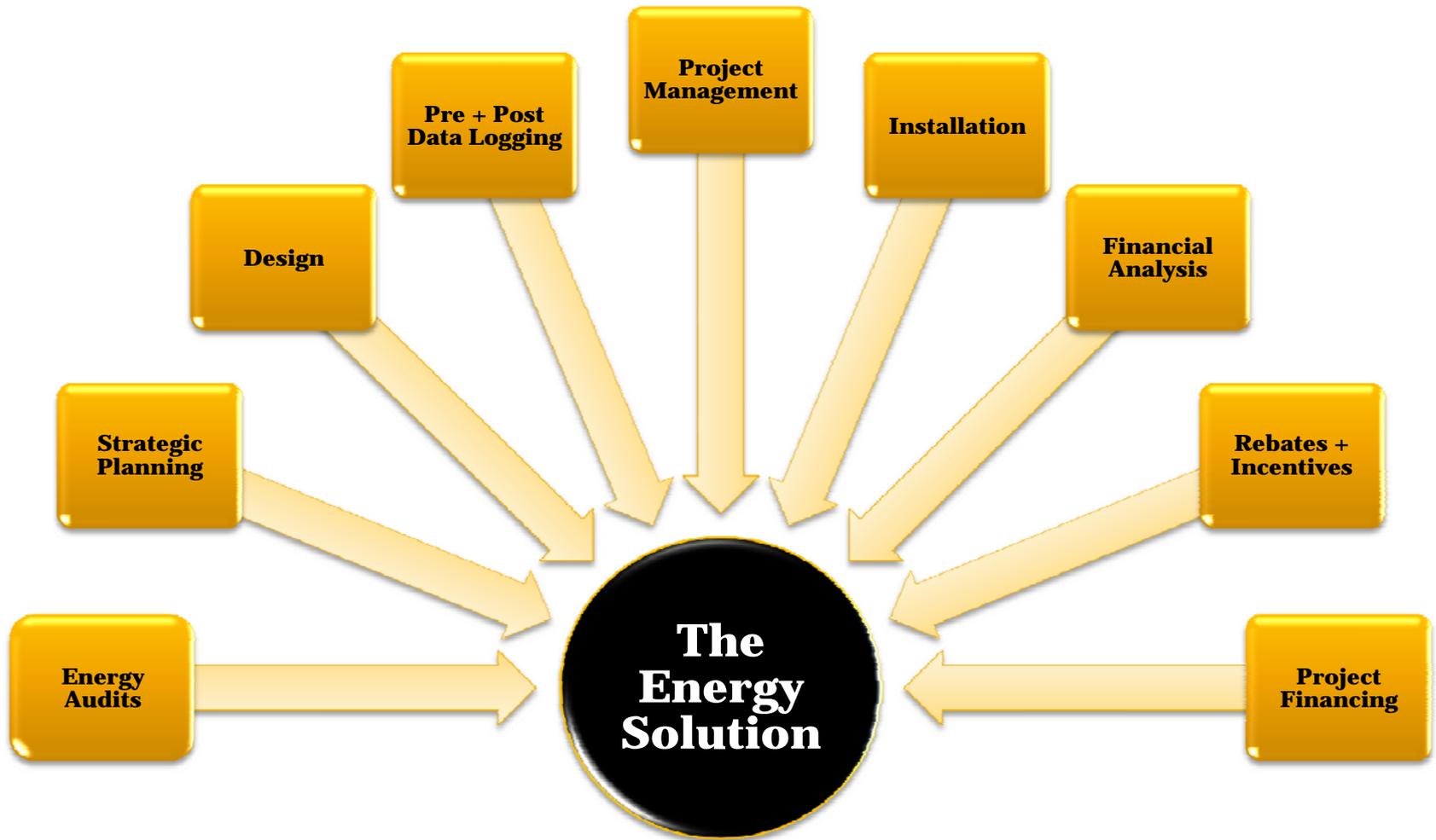


# Who

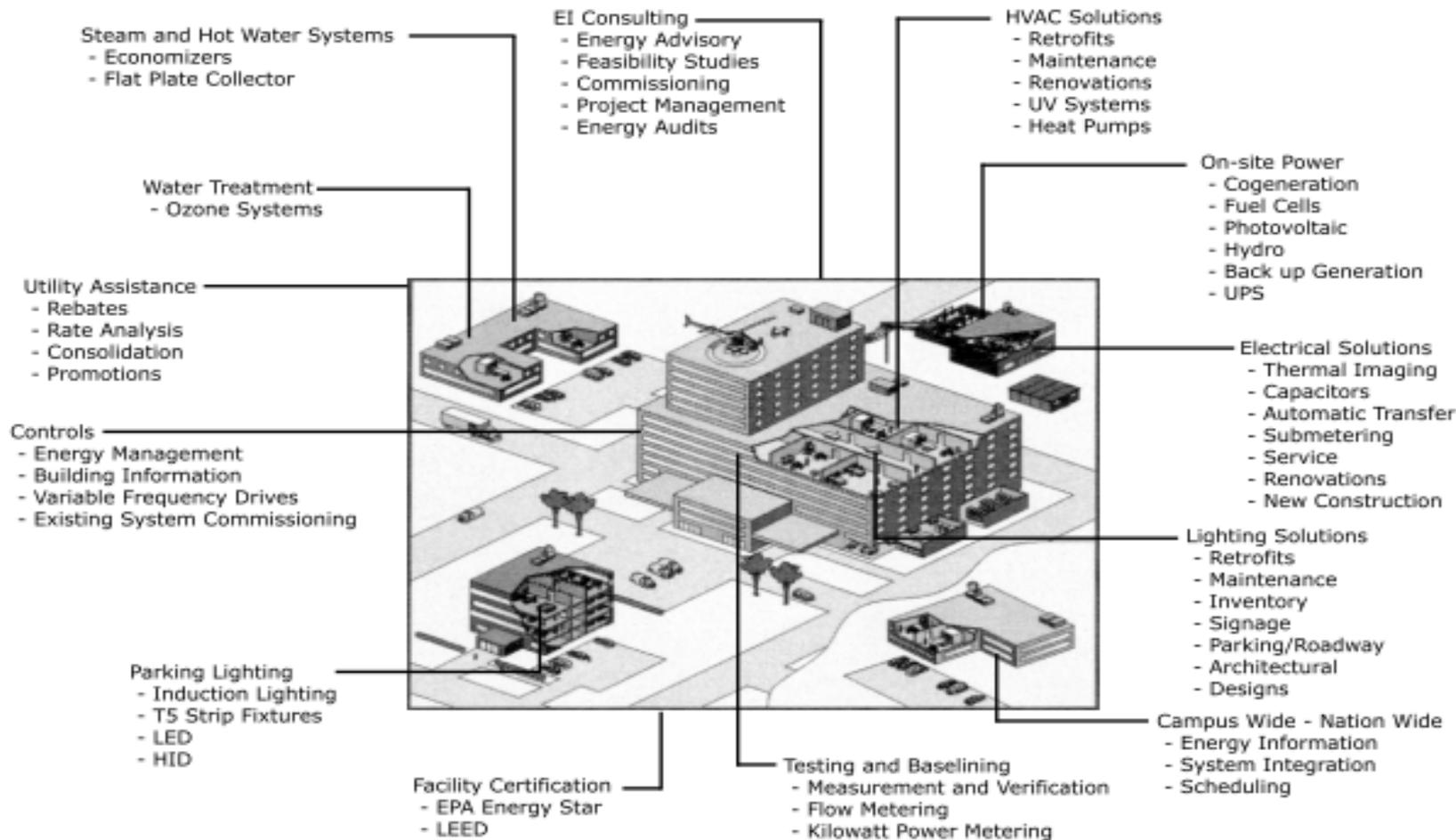
- **Local Company with Wings**
- **Hybrid Energy Project Focus**
- **Your Energy Retainer**



# What



# Where



# How



**nLight**

(lighting)



**nPower**

(mechanical)



**nSolar**

(solar)







**saving energy**  
is among the

**highest-return investments**  
**anywhere**

– **Amory Lovins**  
Co-founder of the Rocky Mountain Institute



# Mahalo nui!

**Brandon Hayashi**

**Energy Project Developer**

**Direct 839.7400 x 114**

**Mobile 628.1768**

**[brandon.hayashi@energy-industries.com](mailto:brandon.hayashi@energy-industries.com)**

**[www.energy-industries.com](http://www.energy-industries.com)**

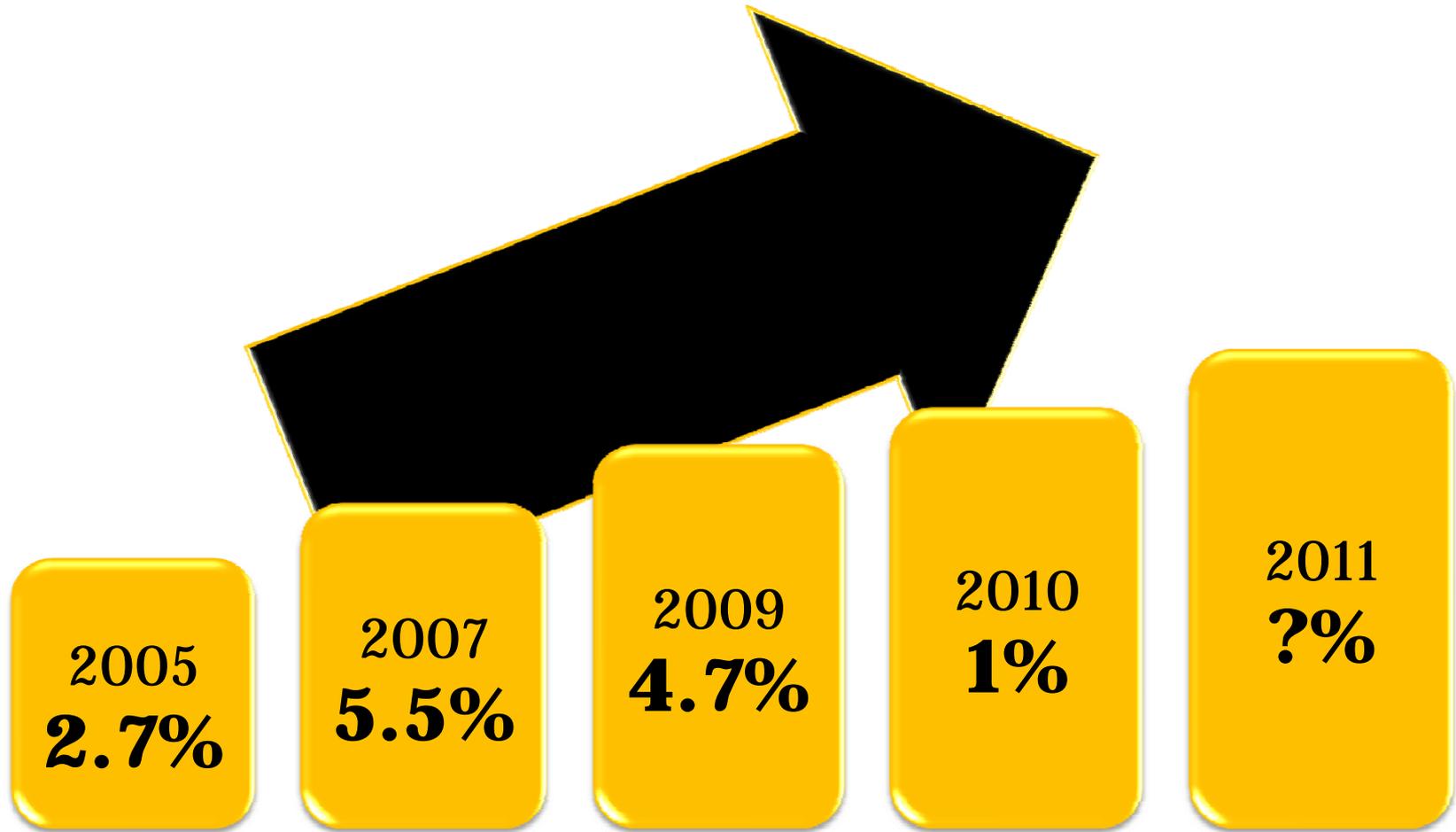
**[www.facebook.com/energyindustries](http://www.facebook.com/energyindustries)**



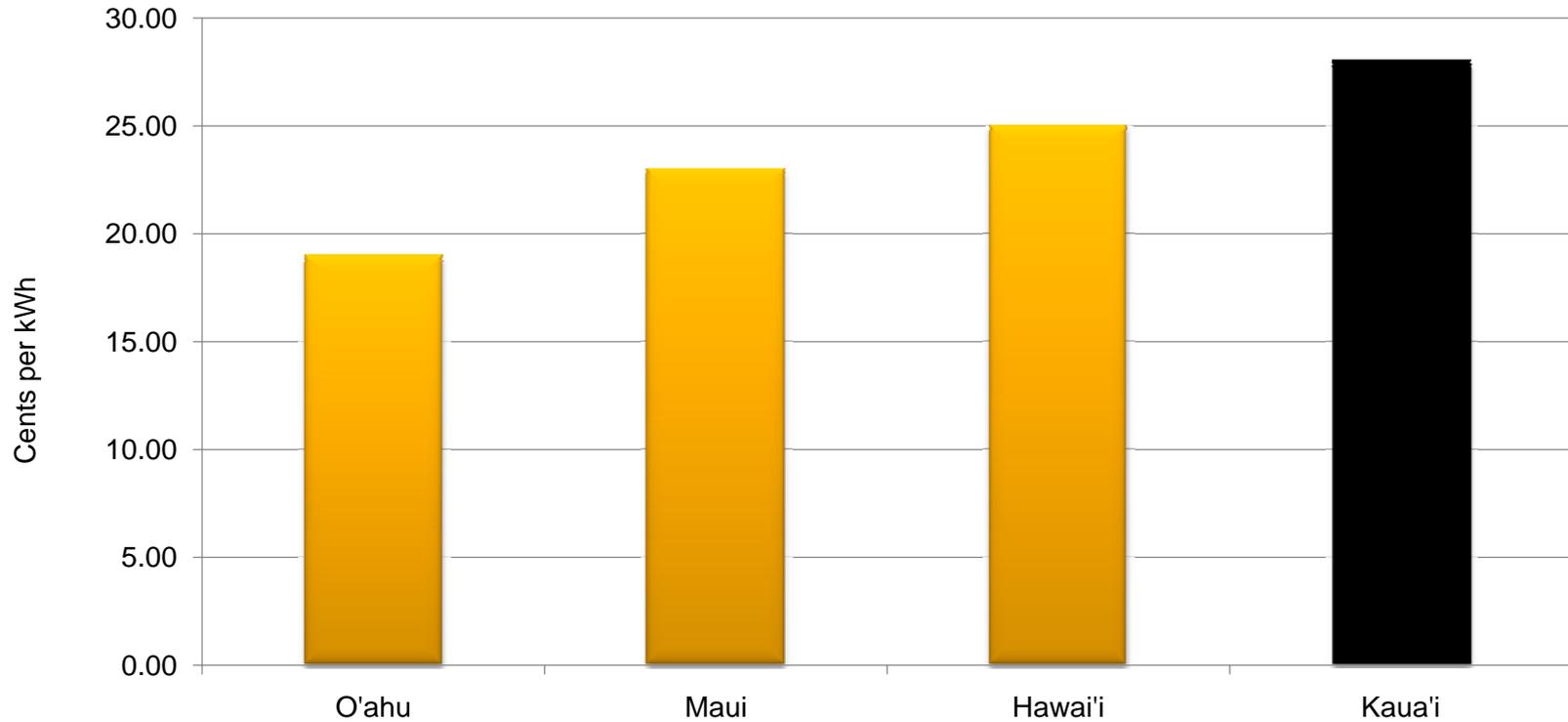
**ENERGY<sup>®</sup>**  
**INDUSTRIES**



# HECO Rates



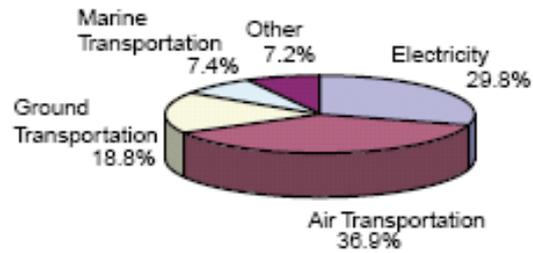
# Hawai'i Electricity Rates



Source: US Energy Information Administration



### Hawaii Petroleum Energy Use



Source: DBEDT, Hawaii Energy Strategy 2000

