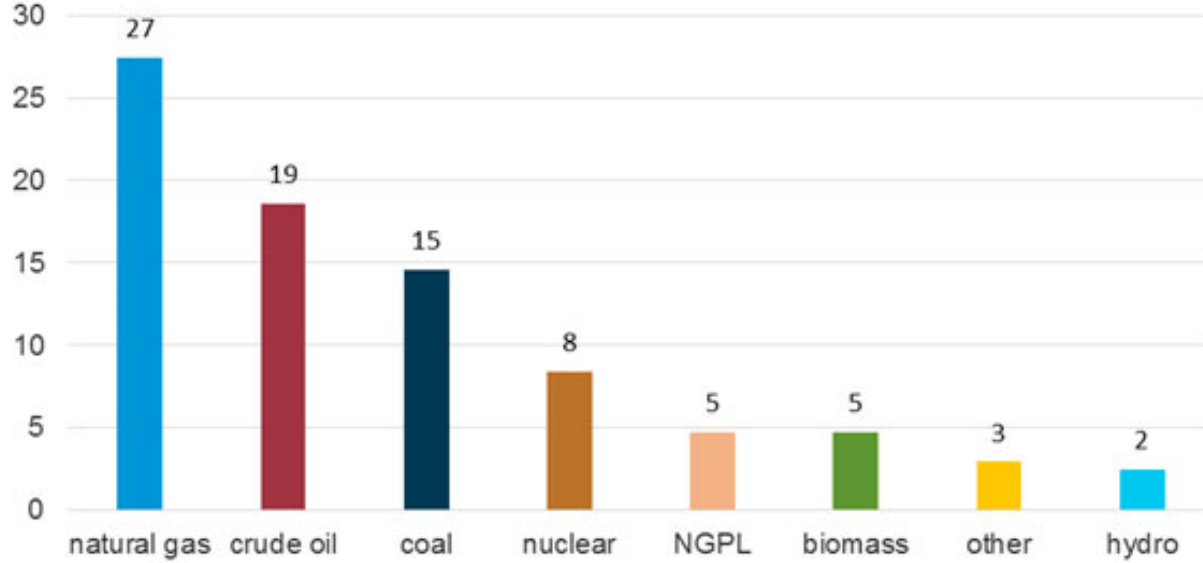


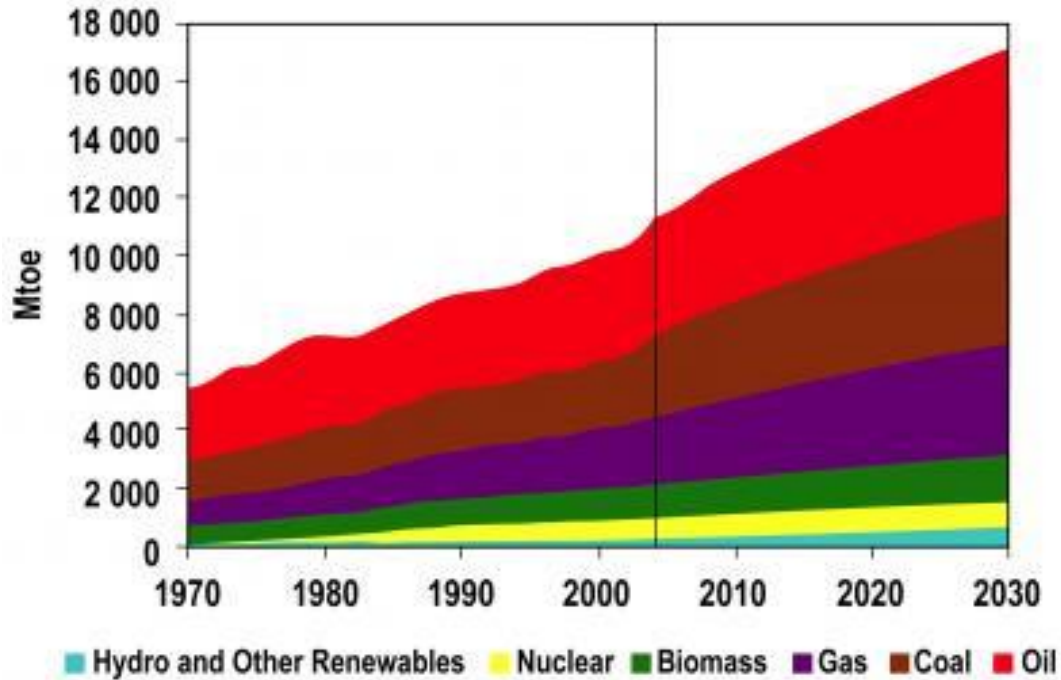
**Graph 1**

U.S. primary energy production by major sources, 2016  
quadrillion British thermal units

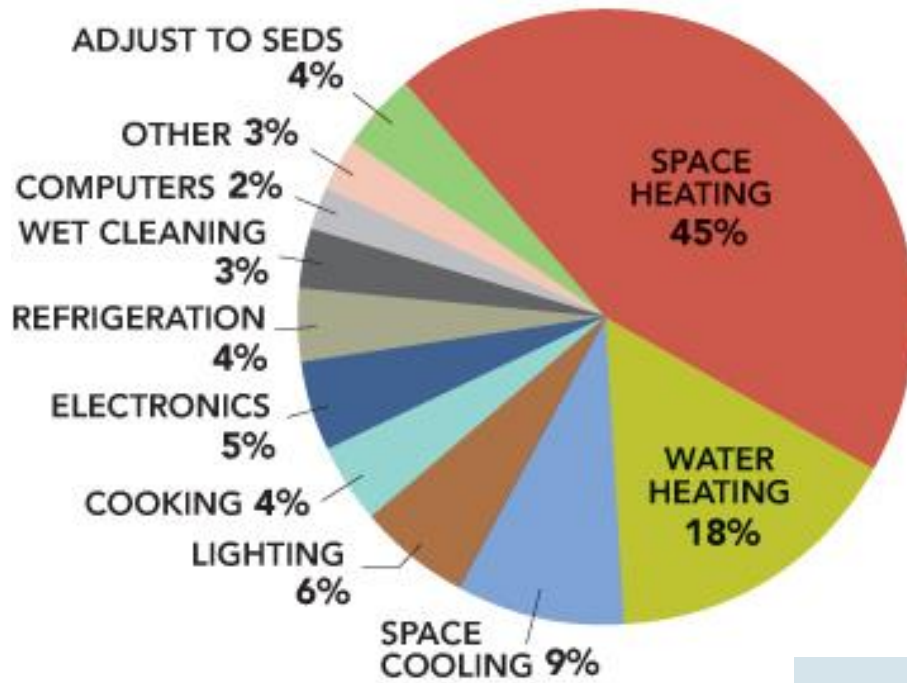


**Graph 2**

**World Primary Energy Demand by Fuel**

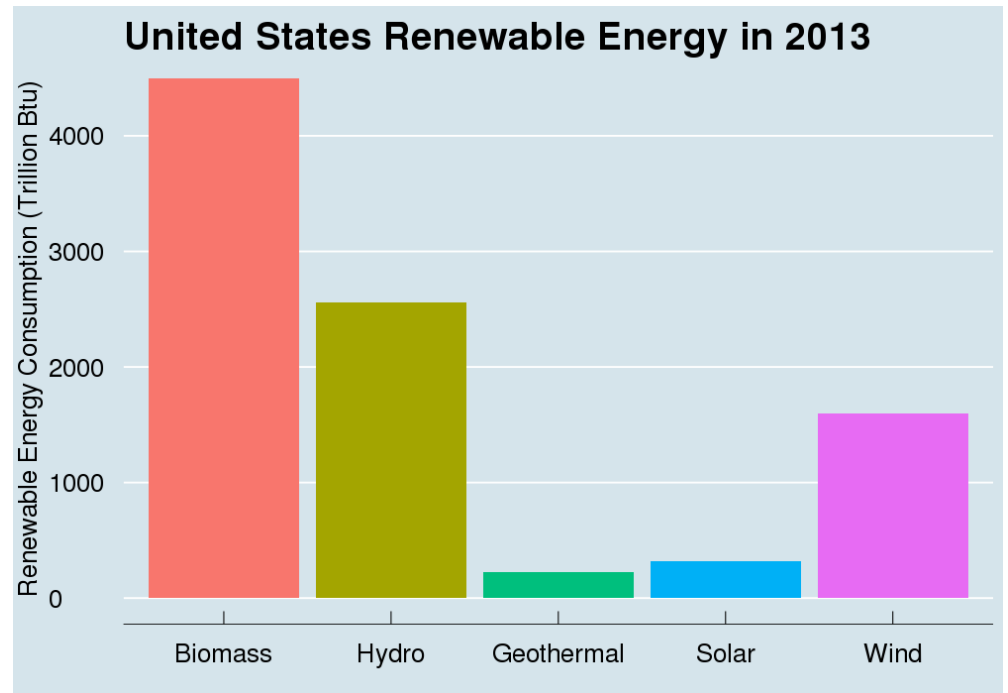


**RESIDENTIAL SITE ENERGY CONSUMPTION BY END USE**



**Graph 3**

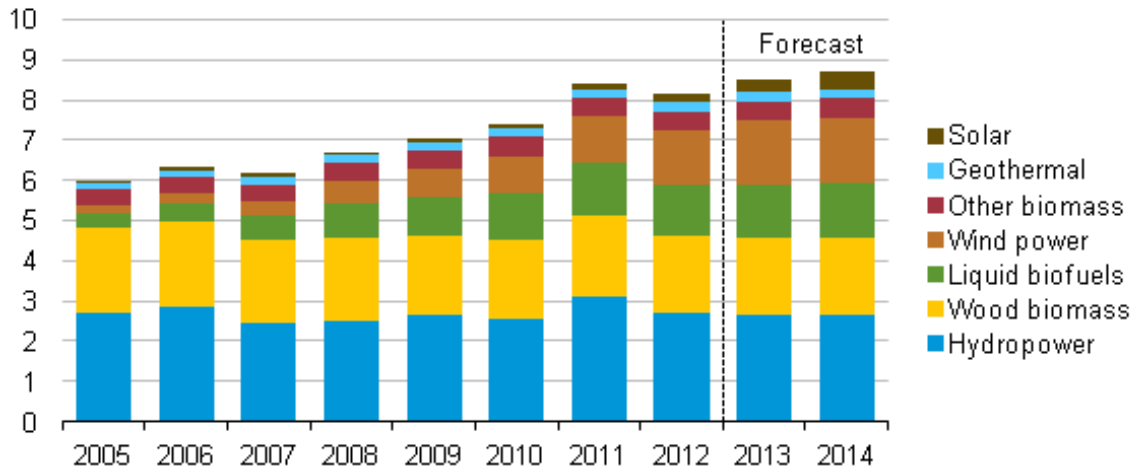
**Graph 4**



# Graph 5

## U.S. Renewable Energy Supply

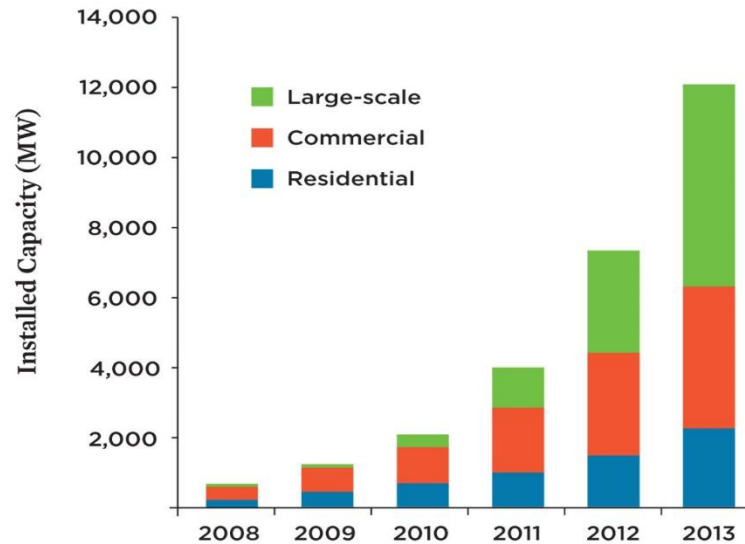
quadrillion British thermal units (Btu)



Note: Hydropower excludes pumped storage generation. Liquid biofuels include ethanol and biodiesel. Other biomass includes municipal waste from biogenic sources, landfill gas, and other non-wood waste.

FIGURE 5. The Growing Scale of Solar PV by U.S. Sector, 2008–2013

# Graph 6



Solar PV is experiencing impressive growth in the residential, commercial, and large-scale sectors, with the total 2014 year-end capacity projected to be 2.5 times that of 2012. For CSP, 2014 is projected to be the largest year in history (GTM Research and SEIA 2014b).

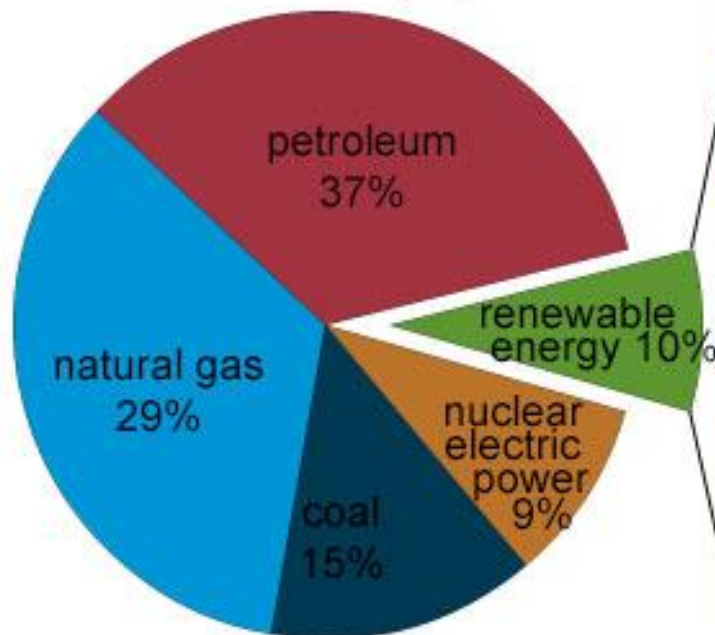
SOURCE: GTM RESEARCH AND SEIA 2014A.

© Union of Concerned Scientists 2014; [www.ucsusa.org/solarpowerontherise](http://www.ucsusa.org/solarpowerontherise)

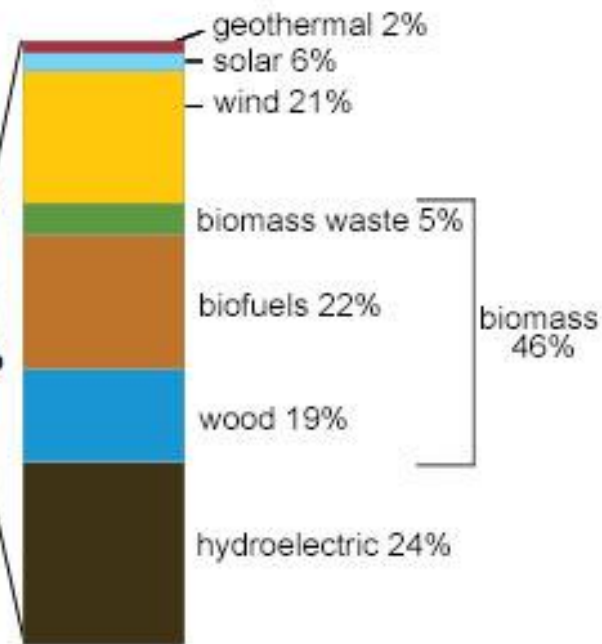
# Graph 7

## U.S. energy consumption by energy source, 2016

Total = 97.4 quadrillion  
British thermal units (Btu)



Total = 10.2 quadrillion Btu

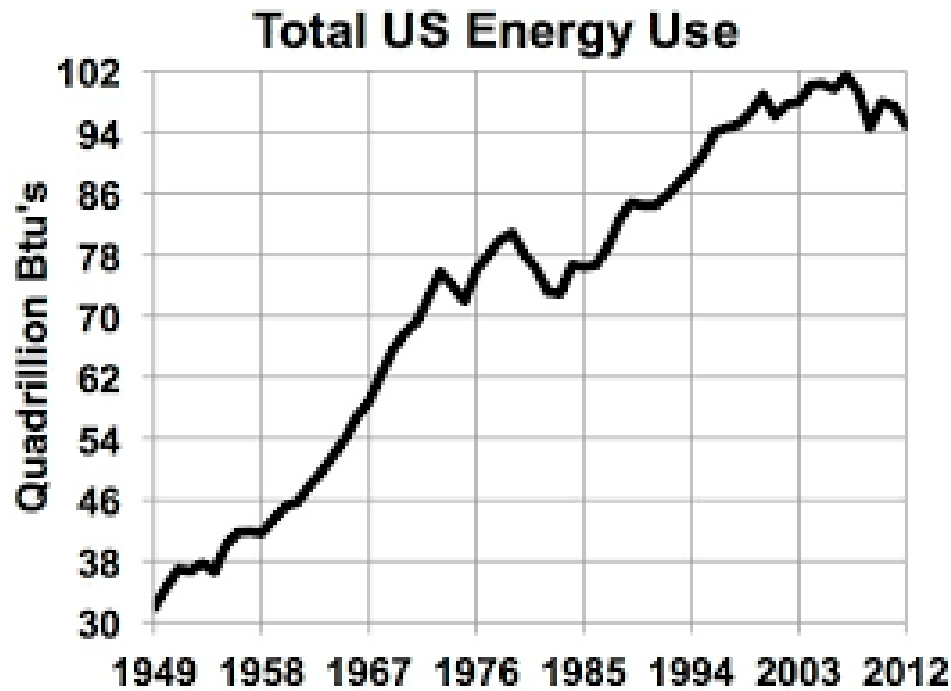


Note: Sum of components may not equal 100% because of independent rounding.

Source: U.S. Energy Information Administration, *Monthly Energy Review*, Table 1.3 and 10.1, April 2017, preliminary data



Graph 8



Graph 9

Energy consumption in the United States (1776-2015)  
quadrillion Btu

