



WHERE ELECTRICITY COMES FROM

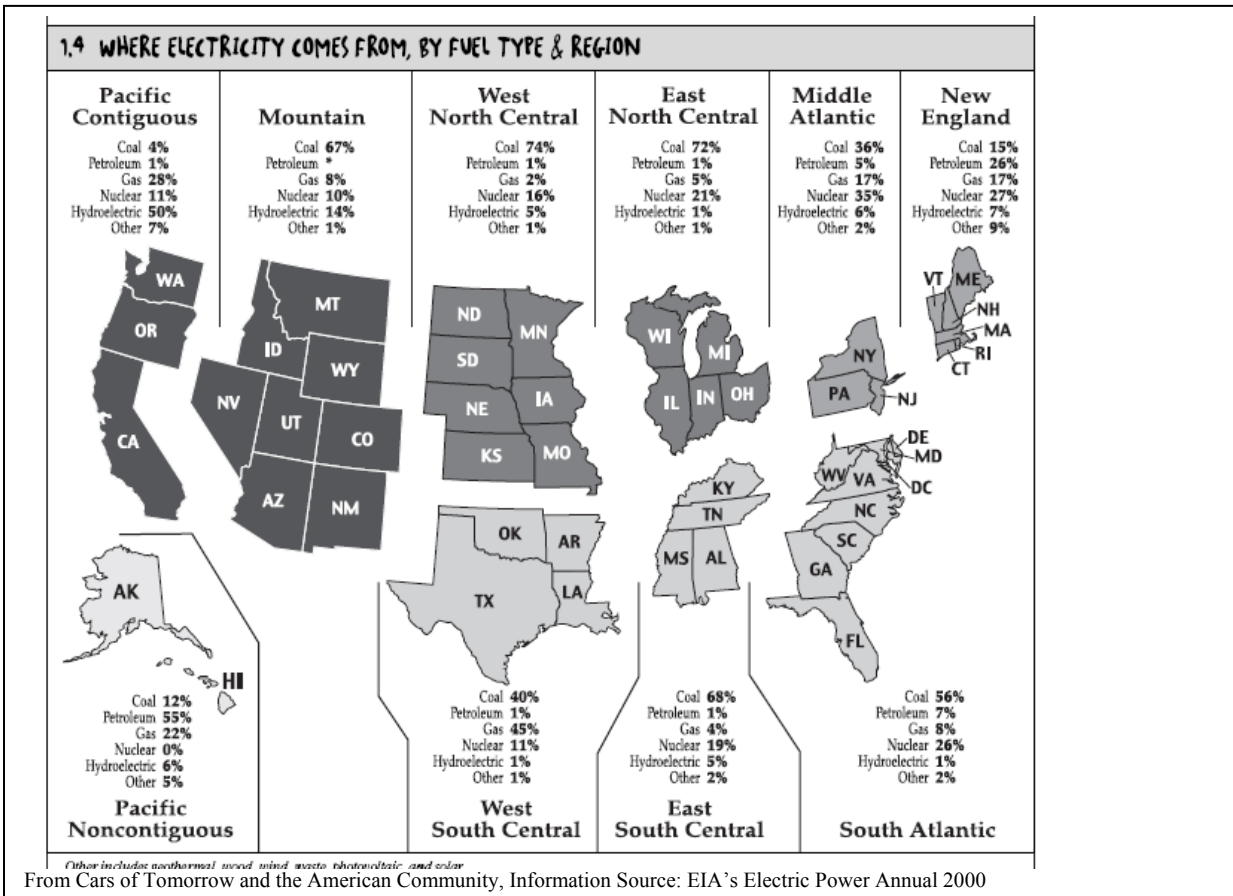
(Adapted from NESEA's *Cars of Tomorrow and the American Community*)

Energy sources used to make electricity vary from region to region in the United States (and abroad.) There are many factors that affect this, including history, economics, resource availability, politics and personal viewpoints.

Assignment:

Using the energy sources graphs from the 2006 CT Energy Plan and the New England regional information below, answer the following questions:

1. Where do New England and Connecticut get their electricity?
2. Are New England and Connecticut sources the same or different?
3. How do New England and Connecticut compare to the nation?
4. How have energy sources changed in the last 5 years and how do you expect them to change in the next 10-20 years? Explain why.

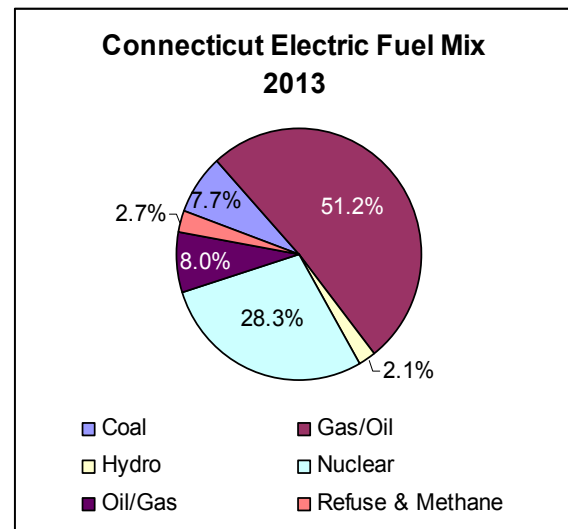
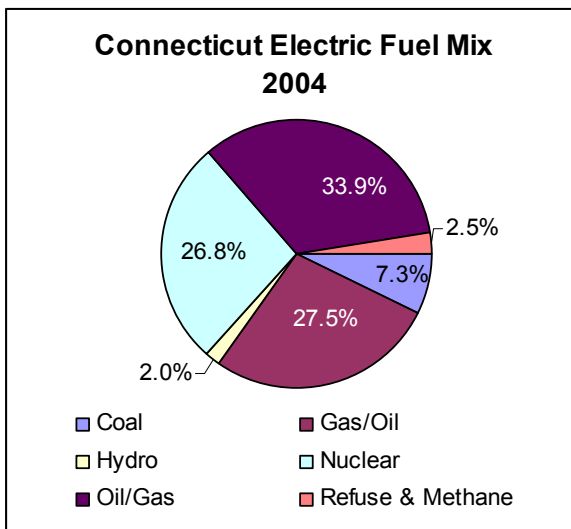
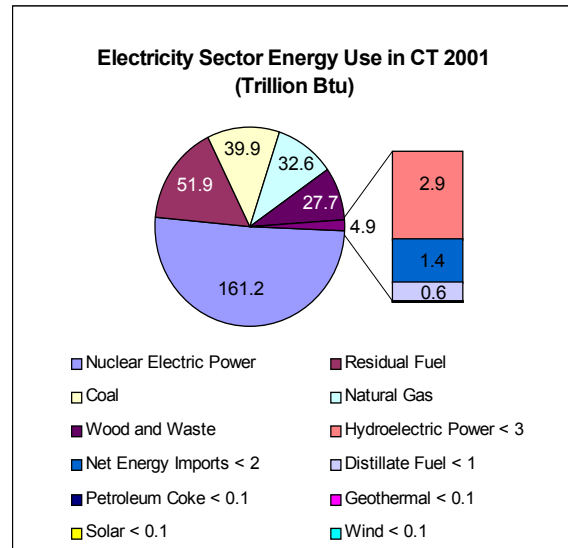




Energy Use for Electricity (CT 2006 Energy Plan)

Electric sector energy use in 2001 was characterized by a predominant use of nuclear fuel, followed by residual fuel, coal, natural gas, and wood and waste.

2004-2013 Projections It is projected that Connecticut's fuel use for generating electricity will shift from and oil/gas dominance to that of gas/oil. Nuclear is projected to remain a strong generating power source.



Sources:

Electricity Sector Energy Use in Connecticut 2001

Source: http://www.eia.doe.gov/emeu/states/sep_use/total/pdf/use_ct.pdf

Connecticut Electricity Fuel Mix 2004 and Connecticut Electricity Fuel Mix 2013

Source: *Connecticut Siting Council Draft 2005 Forecast*

http://www.ct.gov/csc/lib/csc/DRAFT_CSC_FORECAST_REPORT.pdf.pdf