

Review Sheet – Energy Supply and Demand

- Gross Domestic Product (GDP)
- Energy Intensity
- Quadrillion Btus = 10^{15} Btus
- World Energy Consumption
 - Oil is the most utilized energy source in both 2002 and 2025
 - Consumption of all the energy sources will increase from 2002 to 2025
- United States Energy Consumption
 - First in worldwide reserves of coal
 - Oil is the most utilized energy source in both 2002 and 2025
 - Consumption of all energy sources except hydropower will increase from 2002 to 2025
 - 66.5% of petroleum is used for transportation
 - More than half of petroleum needs are met by imports
 - US has almost one fourth of the world's reserves of coal
- Doubling time
- Energy reserves and resources
 - "Reserves" represent that portion of demonstrated resources that can be recovered economically with the application of extraction technology available currently or in the foreseeable future. Reserves include only recoverable energy.
 - "Resources" represent that portion of the energy that is known to exist or even suspected to exist irrespective of technical or economic viability. So reserves are a subset of resources.
- How long will the reserves last?