

What's New in the State Energy Data System

Tables and data files in the State Energy Data System (SEDS) supply a new year of data each production cycle. The latest data may be preliminary and, therefore, revised the following cycle. Changes made to consumption and price source data for historical years are also regularly incorporated into SEDS.

Listed below are changes in SEDS contents beyond the standard updates.

Natural Gas

Natural gas consumption estimates in Btu are revised to include the small amount of supplemental gaseous fuels that are commingled with natural gas. Natural Gas price and expenditure estimates are based on this definition.

Nuclear

For 2007, nuclear fuel prices are computed using plant-level fuel cost and net generation data extracted from the Ventyx Velocity Suite.

Petroleum

Liquefied Petroleum Gases (LPG)

In 2000, the general sales tax rates were corrected in the computation of prices of LPG consumed by the industrial sector. For 2000, 2005, and

2006, the prices of LPG consumed by the petrochemical industry that are not available from the data source are now assigned the U.S. average price.

Lubricants

The method of estimating U.S. lubricant prices described on page 65 cannot be used for 2007, as the 2007 Economic Census data for lubricating oils and greases were not available when the lubricant data were processed. Instead, the 2007 U.S. lubricant price is estimated by applying the 2006-to-2007 growth rate of the composite refiner acquisition cost of crude oil, published in EIA Petroleum Supply Annual, to the 2006 price.

Motor Fuel Taxes

Corrections are incorporated in the average tax rates for motor gasoline and diesel from 2004 through 2006 and liquefied petroleum gases for 2004 and 2005, which causes revisions to the corresponding transportation, commercial, and industrial sector prices.”