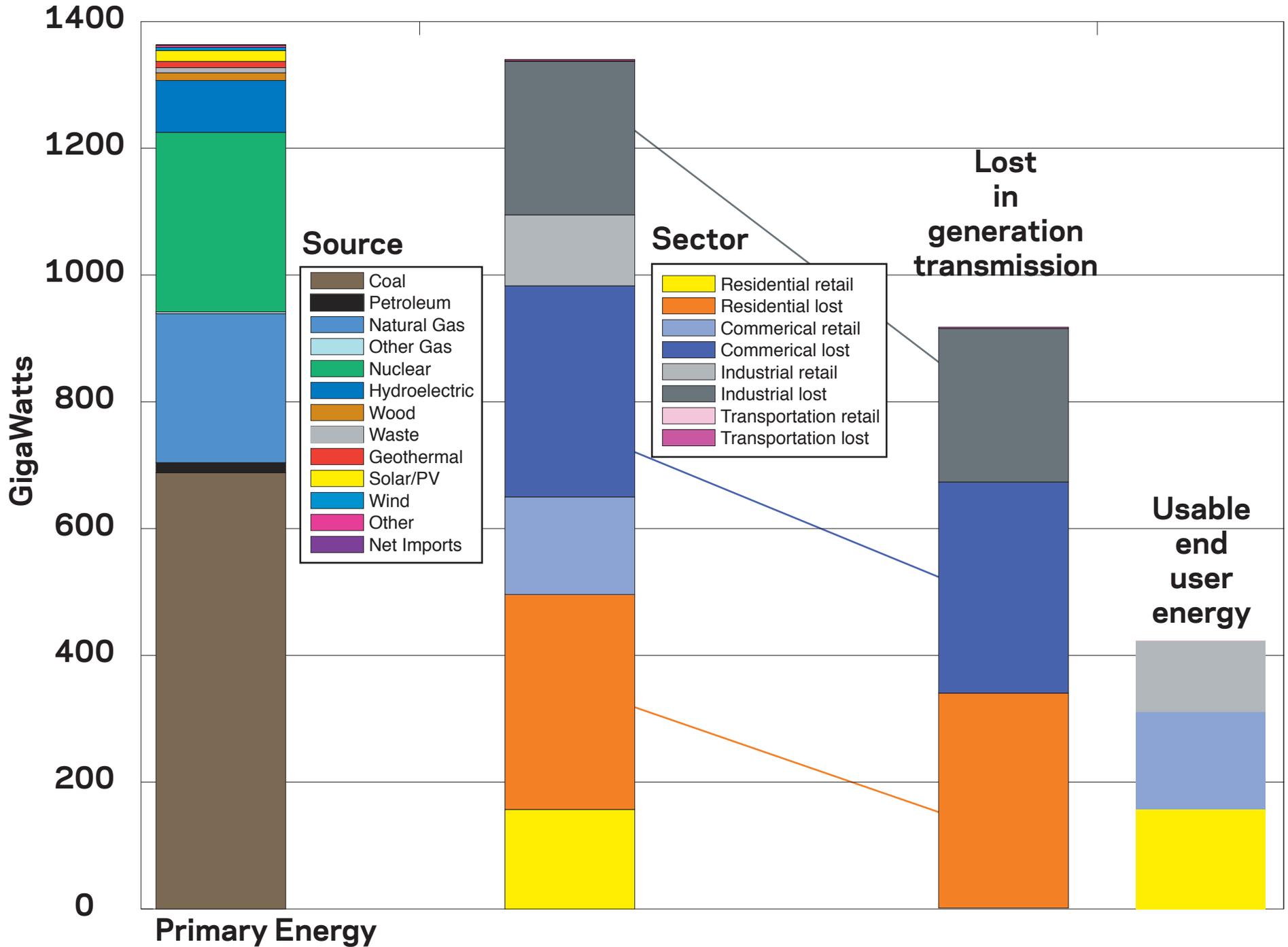
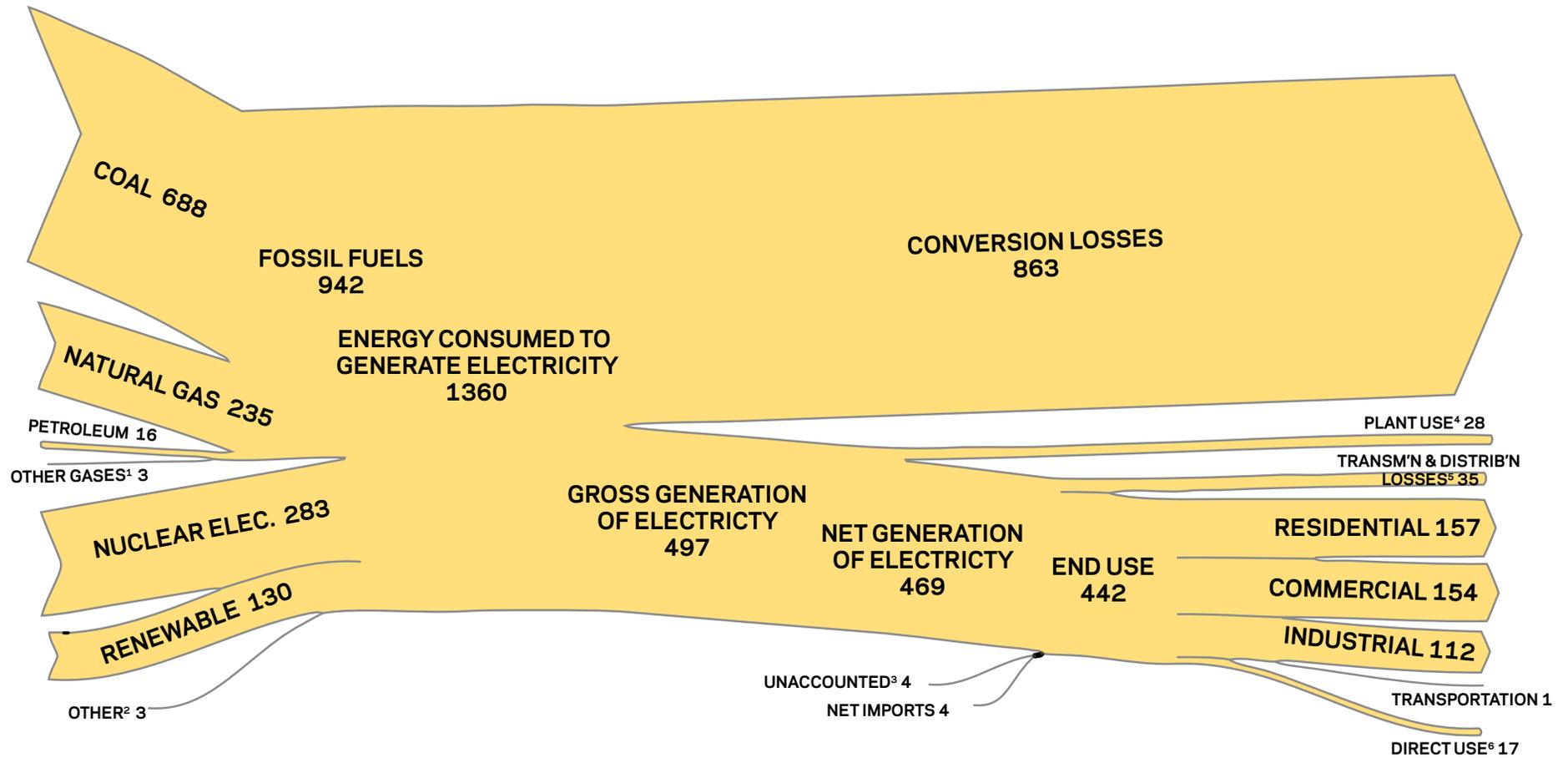


Electricity Grid; Generation by source, Consumption by Sector, 2008



US Electricity Flow, 2008
(GW)



¹ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, miscellaneous technologies, and non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

³ Data collection frame differences and nonsampling error. Derived for the diagram by subtracting the "T & D Losses" estimated from "T & D Losses and Unaccounted for" derived from Table 8.1.

⁴ Electric energy used in the operation of power plants.

⁵ Transmission and distribution losses (electricity losses that occur between the point of

generation and delivery to the customer) are estimated as 7 percent of gross generation.

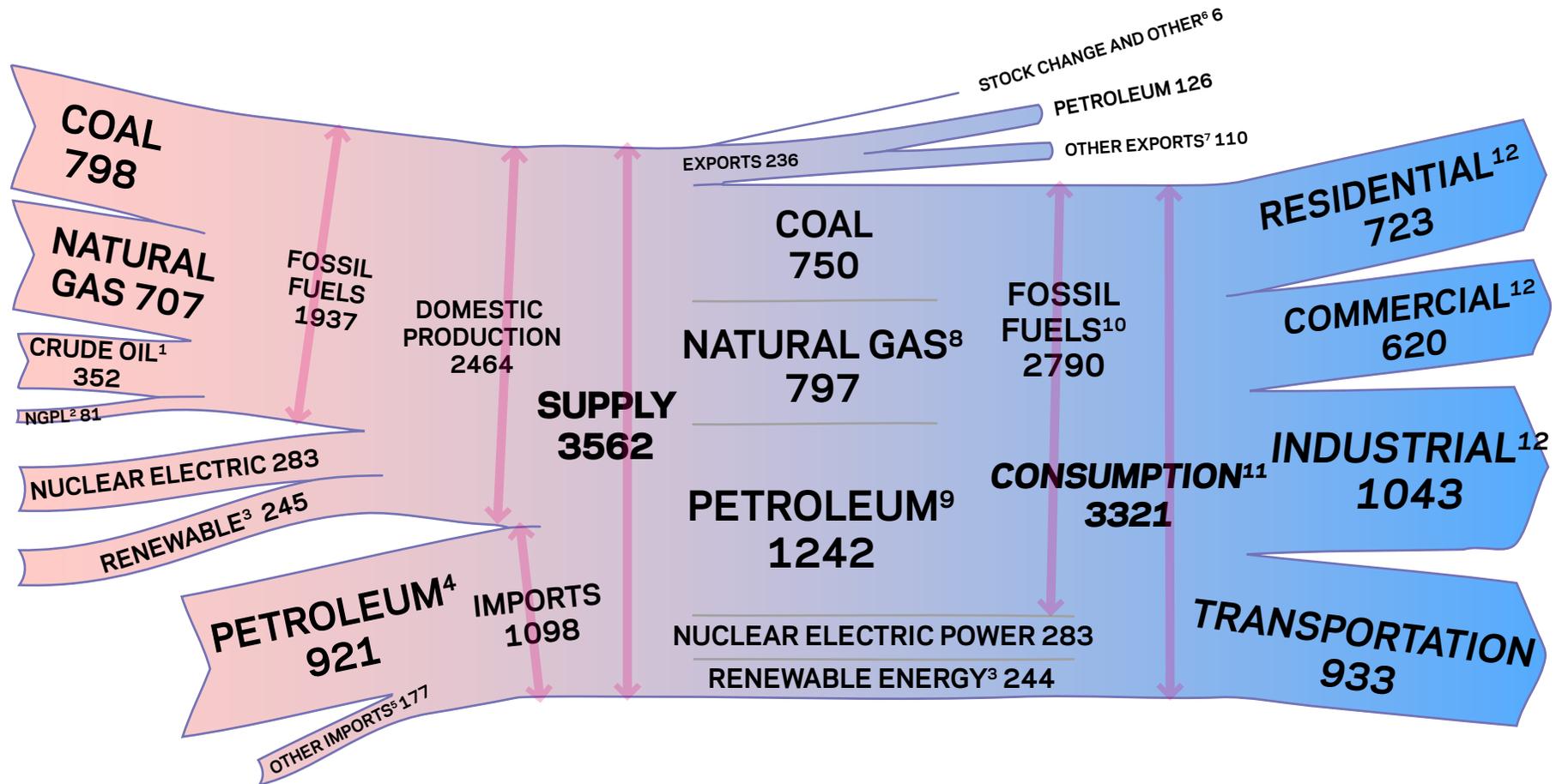
⁶ Use of electricity that is 1) self-generated, 2) produced by either the same entity that consumes the power or an affiliate, and 3) used in direct support of a service or industrial process located within the same facility or group of facilities that house the generating equipment. Direct use is exclusive of station use.

Notes: ▪ Data are preliminary. ▪ See Note, "Electrical System Energy Losses," at the end of Section 2. ▪ Values are derived from source data prior to rounding for publication.

▪ Totals may not equal sum of components due to independent rounding.

Sources: Tables 8.1, 8.4a, 8.9, A6 (column 4), and Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

US TOTAL Energy Flow, 2008 (Gigawatts)



¹ Includes lease condensate.

² Natural gas plant liquids.

³ Conventional hydroelectric power, biomass, geothermal, solar/photovoltaic, and wind.

⁴ Crude oil and petroleum products. Includes imports into the Strategic Petroleum Reserve.

⁵ Natural gas, coal, coal coke, fuel ethanol, and electricity.

⁶ Adjustments, losses, and unaccounted for.

⁷ Coal, natural gas, coal coke, and electricity.

⁸ Natural gas only; excludes supplemental gaseous fuels.

⁹ Petroleum products, including natural gas plant liquids, and crude oil burned as fuel.

¹⁰ Includes 0.04 quadrillion Btu of coal coke net imports.

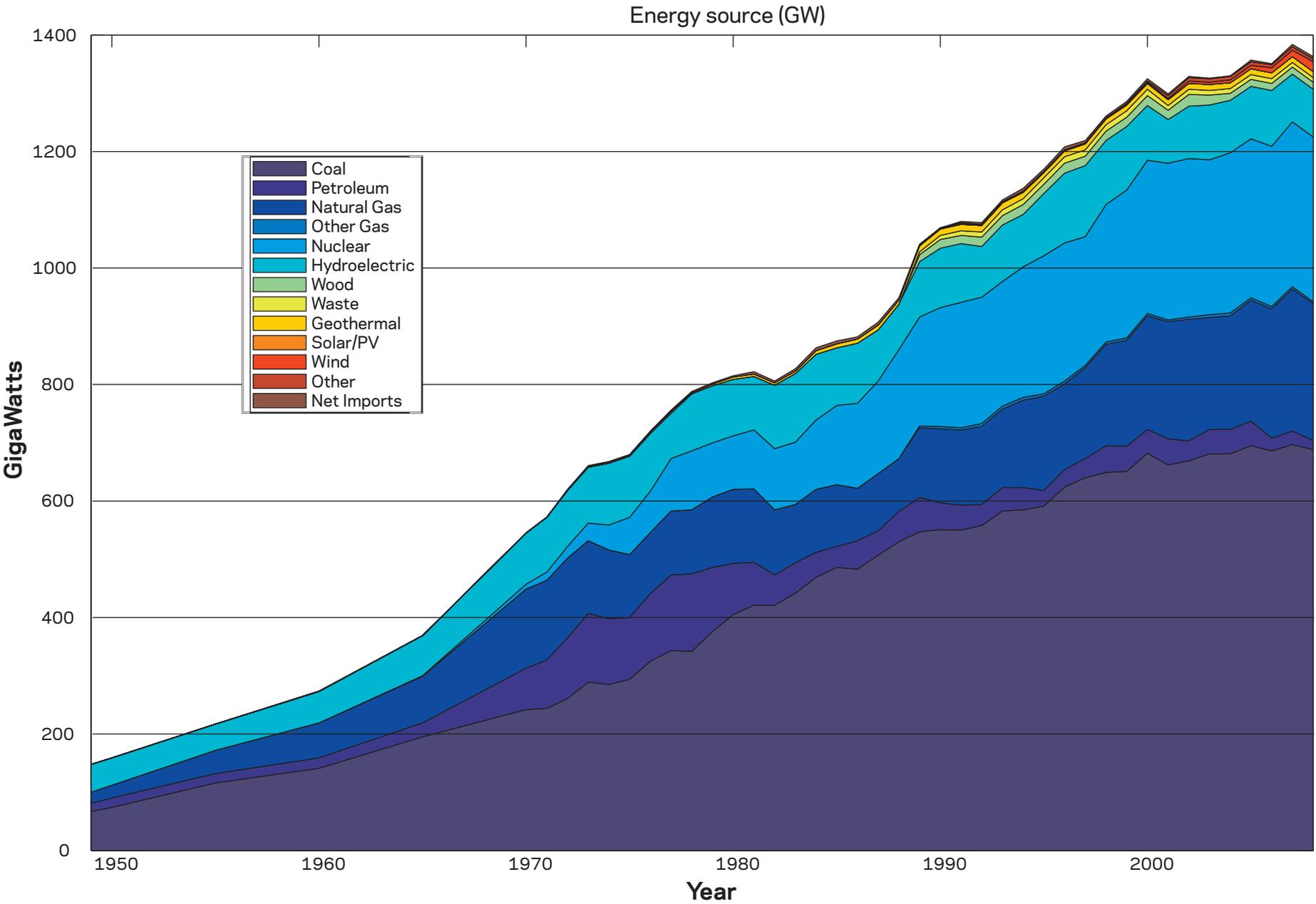
¹¹ Includes 0.11 quadrillion Btu of electricity net imports.

¹² Primary consumption, electricity retail sales, and electrical system energy losses, which are allocated to the end-use sectors in proportion to each sector's share of total electricity retail sales. See Note, "Electrical Systems Energy Losses," at end of Section 2.

Notes: • Data are preliminary. • Values are derived from source data prior to rounding for publication. • Totals may not equal sum of components due to independent rounding.

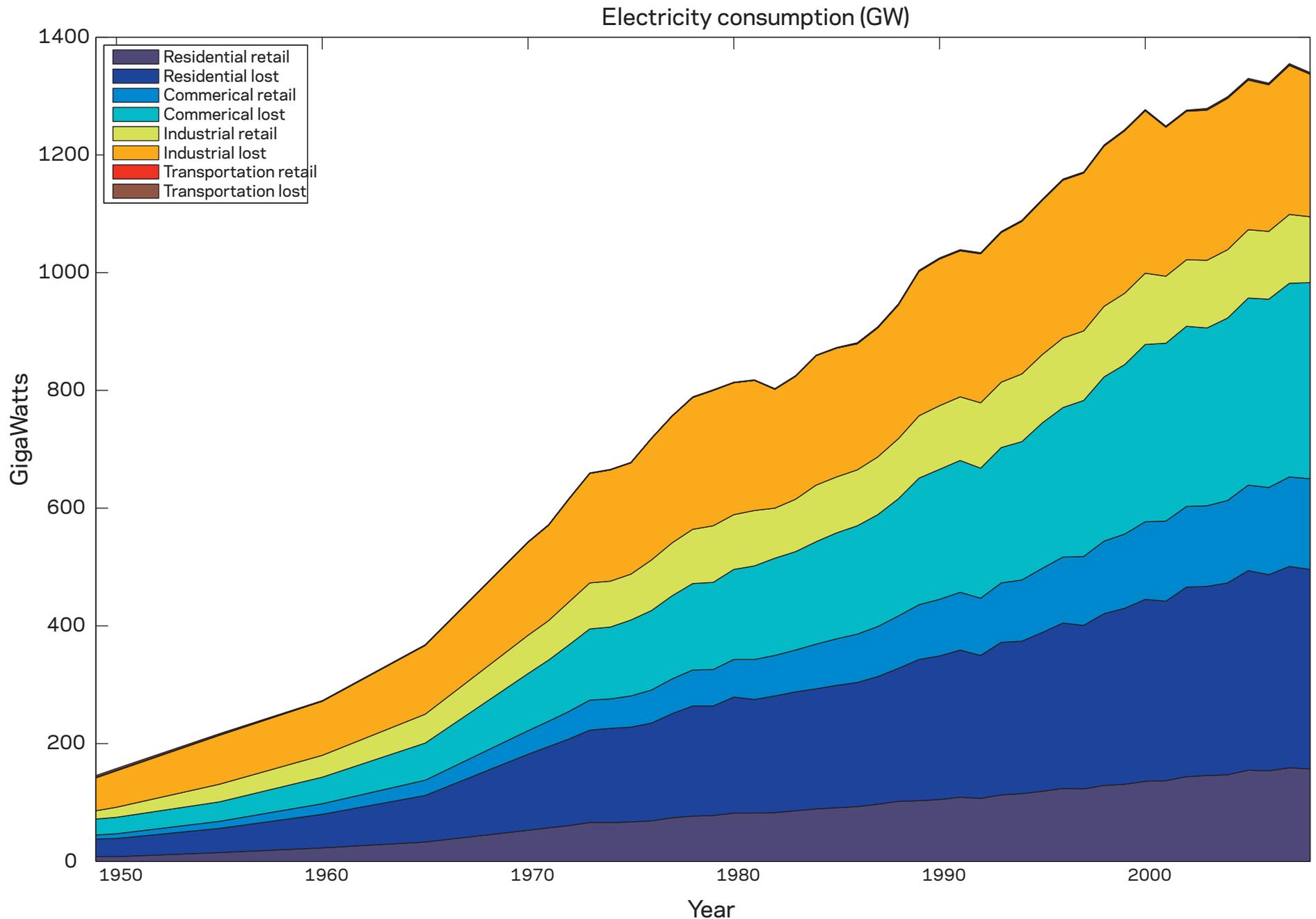
Sources: Tables 1.1, 1.2, 1.3, 1.4, and 2.1a.

Historical US electricity production, by generation source.

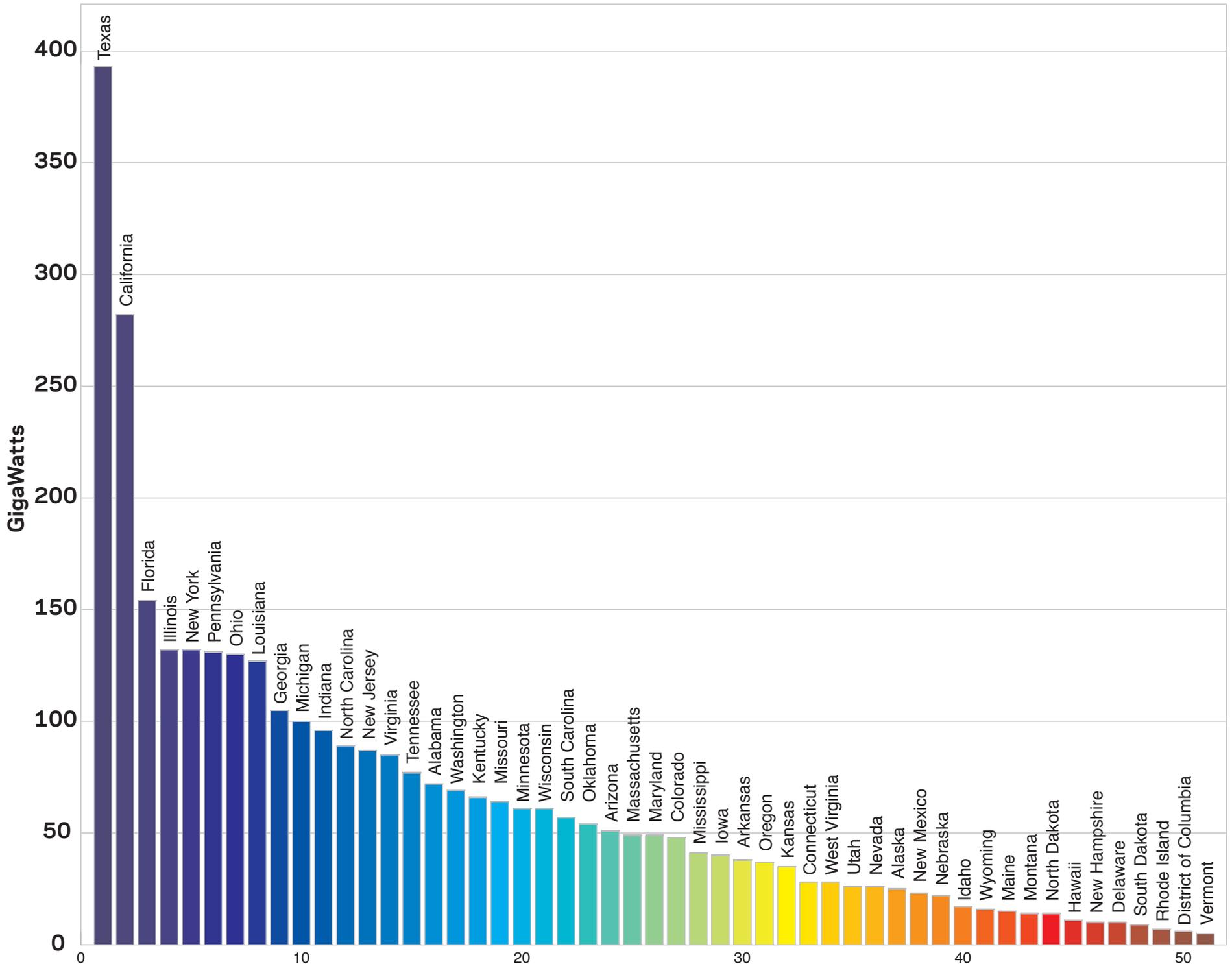


Historical US Electricity consumption (GW), By Sector.

Retail is usable energy for end user. Lost is the losses in conversion from primary energy to end user energy during generation and transmission.



State-level energy consumption, 2006 (GW)



State-level energy consumption per Capita, 2006 (kW)

