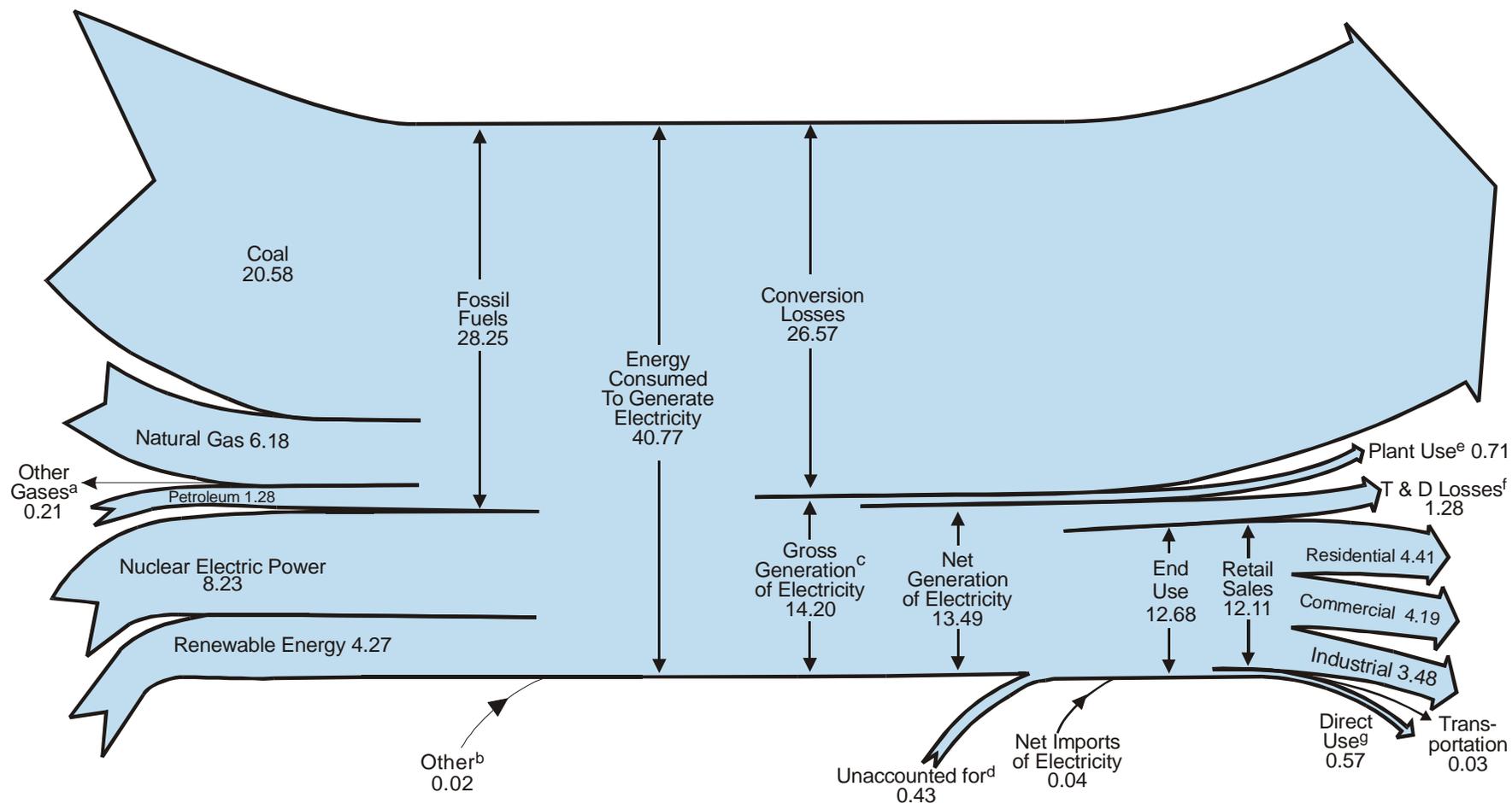


Diagram 5. Electricity Flow, 2004
(Quadrillion Btu)



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

^b Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

^c Estimated as net generation divided by 0.95.

^d Data collection frame differences and nonsampling error.

^e Electric energy used in the operation of power plants, estimated as 5 percent of gross generation.

^f Transmission and distribution losses (electricity losses that occur between the point of generation and delivery to the customer) are estimated as 9 percent of gross generation.

^g 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: • See Note, "Electrical System Energy Losses, at the end of Section 2. • Totals may not equal sum of components due to independent rounding.

Sources: Tables 8.1, 8.4a, 8.9, and A6 (column 4).