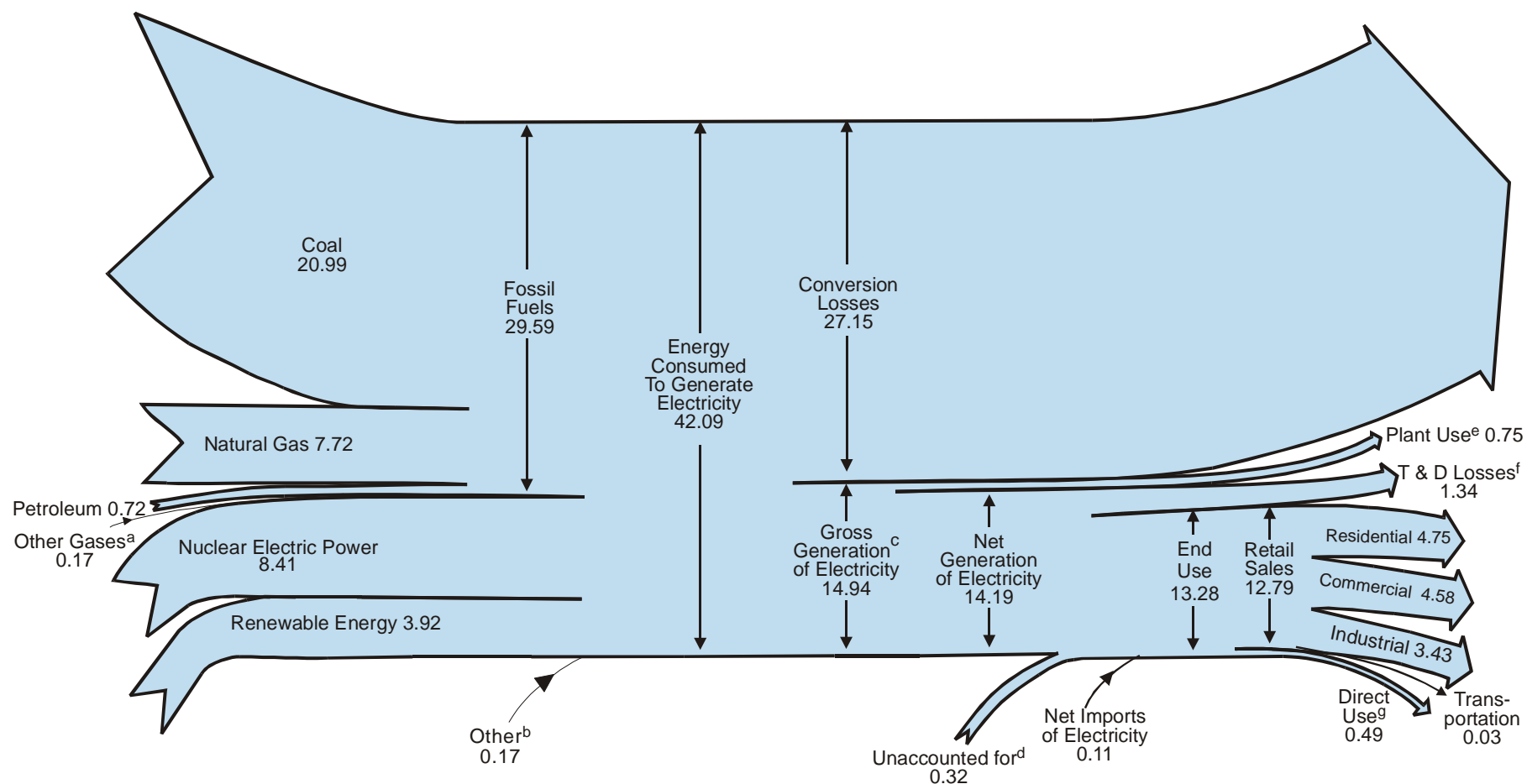


**Diagram 5. Electricity Flow, 2007**  
(Quadrillion Btu)



<sup>a</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

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

<sup>c</sup> Estimated as net generation divided by 0.95.

<sup>d</sup> Data collection frame differences and nonsampling error. Derived for the diagram by subtracting the "T & D Losses" estimate from "T & D Losses and Unaccounted for" derived from Table 8.1.

<sup>e</sup> Electric energy used in the operation of power plants, estimated as 5 percent of gross generation.

<sup>f</sup> 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.

<sup>g</sup> 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, and A6 (column 4).