

Table F2. Energy Consumption by Sector, 2010
(Quadrillion Btu)

Year	Primary Energy Consumption ¹						Delivered Total Energy ²					Electrical System Energy Losses ⁴
	Residential	Commercial	Industrial ³	Transportation ³	Electric Power	Total	Residential	Commercial	Industrial	Transportation	Total	
	2010	6,841	4,175	19,984	27,425	39,579	98,004	11,791	8,711	23,267	27,451	

¹ Includes Adjustment for Fossil Fuel Equivalence. See "Primary Energy Consumption" in Glossary.

² Includes electricity sales to each sector in addition to Primary Energy consumed in the sector.

³ Small amounts of coal consumed for transportation are reported as industrial sector consumption. Includes net imports of supplemental liquids and coal coke.

⁴ Calculated as the primary energy consumed by the electric power sector minus the energy content of electricity retail sales.

Table F3. Noncombustible Renewable Primary Energy Consumption by Energy Source, 2010
(Trillion Btu)

Year	Noncombustible Renewables														
	Conventional Hydroelectric Power ¹			Geothermal ²				Solar/PV ³				Wind			
	Transformed into Electricity ⁴	Adjustment for Fossil Fuel Equivalence ⁵	Total Primary Energy ⁶	Direct Consumption ⁷	Transformed into Electricity ⁴	Adjustment for Fossil Fuel Equivalence ⁵	Total Primary Energy ⁸	Direct Consumption ⁹	Transformed into Electricity ⁴	Adjustment for Fossil Fuel Equivalence ⁵	Total Primary Energy ⁸	Transformed into Electricity ⁴	Adjustment for Fossil Fuel Equivalence ⁵	Total Primary Energy ⁶	
	2010	877	1,632	2,509	60	53	99	212	97	4	8	109	323	601	924

¹ Excludes pumped storage.

² Geothermal heat pump energy and geothermal heat used to generate electricity.

³ Solar thermal and photovoltaic energy.

⁴ Equals generation in kilowatthours (kWh) multiplied by the energy conversion factor of 3,412 Btu/kWh.

⁵ Equal to the difference between the fossil fuel-equivalent value of electricity and the energy content of the final consumed electricity. The fossil fuel-equivalent value of electricity equals generation in kilowatthours multiplied by the average heat rate of fossil-fueled plants. The energy content of final consumed electricity equals generation in kilowatthours multiplied by the energy conversion factor of 3,412 Btu/KWh.

⁶ Equal to generation in kilowatthours multiplied by the average heat rate of fossil-fueled plants.

⁷ Reported Btu of geothermal heat pump and direct use energy.

⁸ Includes direct consumption of resources and resources transformed to electricity. Resources transformed to electricity are equal to generation in kilowatthours (kWh) multiplied by the average heat rate of fossil-fueled plants.

⁹ Residential sector direct use of solar thermal and photovoltaic (PV) electricity net generation (converted to Btu using the average heat rate of fossil-fueled plants).