Table 8. U.S. Renewable Energy Supply and Consumption (Quadrillion Btu)

Energy Information Administration/Short-Term Energy Outlook - February 2012

	2011				2012				2013				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2011	2012	2013
Supply															
Hydroelectric Power (a)	**0.806**	**0.946**	**0.775**	**0.622**	*0.617*	*0.815*	*0.620*	*0.605*	*0.662*	*0.785*	*0.629*	*0.576*	**3.149**	*2.657*	*2.652*
Geothermal	**0.056**	**0.055**	**0.055**	**0.056**	*0.056*	*0.055*	*0.057*	*0.056*	*0.056*	*0.055*	*0.057*	*0.058*	**0.222**	*0.224*	*0.226*
Solar	**0.026**	**0.030**	**0.031**	**0.027**	*0.027*	*0.034*	*0.034*	*0.027*	*0.028*	*0.037*	*0.038*	*0.028*	**0.114**	*0.122*	*0.132*
Wind	**0.290**	**0.341**	**0.211**	**0.338**	*0.317*	*0.351*	*0.263*	*0.326*	*0.346*	*0.387*	*0.285*	*0.347*	**1.180**	*1.256*	*1.365*
Wood	**0.490**	**0.481**	**0.499**	**0.486**	*0.497*	*0.484*	*0.516*	*0.499*	*0.503*	*0.493*	*0.524*	*0.509*	**1.957**	*1.996*	*2.029*
Ethanol (b)	**0.292**	**0.290**	**0.293**	**0.306**	*0.303*	*0.302*	*0.305*	*0.306*	*0.301*	*0.304*	*0.307*	*0.308*	**1.182**	*1.216*	*1.220*
Biodiesel (b)	**0.014**	**0.024**	**0.032**	**0.044**	*0.030*	*0.028*	*0.028*	*0.028*	*0.030*	*0.032*	*0.033*	*0.035*	**0.114**	*0.114*	*0.130*
Other Renewables (c)	**0.117**	**0.119**	**0.123**	**0.121**	*0.115*	*0.118*	*0.128*	*0.121*	*0.114*	*0.120*	*0.129*	*0.123*	**0.479**	*0.482*	*0.486*
Total	**2.092**	**2.286**	**2.018**	**1.974**	*1.965*	*2.187*	*1.951*	*1.968*	*2.040*	*2.214*	*2.002*	*1.983*	**8.370**	*8.070*	*8.240*
Consumption															
Electric Power Sector															
Hydroelectric Power (a)	**0.801**	**0.941**	**0.771**	**0.618**	*0.612*	*0.809*	*0.617*	*0.601*	*0.656*	*0.779*	*0.625*	*0.571*	**3.132**	*2.638*	*2.632*
Geothermal	**0.042**	**0.040**	**0.040**	**0.041**	*0.041*	*0.040*	*0.042*	*0.042*	*0.041*	*0.040*	*0.042*	*0.043*	**0.163**	*0.164*	*0.166*
Solar	**0.002**	**0.006**	**0.006**	**0.003**	*0.003*	*0.009*	*0.010*	*0.003*	*0.004*	*0.013*	*0.014*	*0.004*	**0.017**	*0.025*	*0.035*
Wind	**0.290**	**0.341**	**0.211**	**0.338**	*0.317*	*0.351*	*0.263*	*0.326*	*0.346*	*0.387*	*0.285*	*0.347*	**1.180**	*1.256*	*1.365*
Wood and Wood Waste	**0.046**	**0.040**	**0.047**	**0.040**	*0.044*	*0.040*	*0.051*	*0.048*	*0.051*	*0.047*	*0.056*	*0.055*	**0.173**	*0.183*	*0.209*
Other Renewables (c)	**0.064**	**0.067**	**0.069**	**0.068**	*0.064*	*0.068*	*0.071*	*0.068*	*0.064*	*0.069*	*0.071*	*0.069*	**0.268**	*0.271*	*0.273*
Subtotal	**1.245**	**1.435**	**1.145**	**1.108**	*1.080*	*1.317*	*1.052*	*1.087*	*1.163*	*1.336*	*1.093*	*1.089*	**4.933**	*4.537*	*4.681*
Industrial Sector															
Hydroelectric Power (a)	**0.005**	**0.005**	**0.003**	**0.004**	*0.005*	*0.006*	*0.004*	*0.004*	*0.005*	*0.006*	*0.004*	*0.004*	**0.017**	*0.018*	*0.019*
Geothermal	**0.001**	**0.001**	**0.001**	**0.001**	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	**0.004**	*0.004*	*0.004*
Wood and Wood Waste	**0.323**	**0.319**	**0.328**	**0.323**	*0.330*	*0.320*	*0.341*	*0.327*	*0.329*	*0.323*	*0.344*	*0.330*	**1.294**	*1.318*	*1.325*
Other Renewables (c)	**0.044**	**0.043**	**0.044**	**0.044**	*0.043*	*0.042*	*0.048*	*0.045*	*0.042*	*0.043*	*0.048*	*0.045*	**0.176**	*0.178*	*0.179*
Subtotal	**0.377**	**0.373**	**0.381**	**0.377**	*0.383*	*0.373*	*0.398*	*0.381*	*0.381*	*0.377*	*0.401*	*0.385*	**1.507**	*1.535*	*1.544*
Commercial Sector															
Hydroelectric Power (a)	**0.000**	**0.000**	**0.000**	**0.000**	*0.000*	*0.000*	*0.000*	*0.000*	*0.000*	*0.000*	*0.000*	*0.000*	**0.001**	*0.001*	*0.001*
Geothermal	**0.005**	**0.005**	**0.005**	**0.005**	*0.005*	*0.005*	*0.005*	*0.005*	*0.005*	*0.005*	*0.005*	*0.005*	**0.018**	*0.019*	*0.019*
Wood and Wood Waste	**0.017**	**0.018**	**0.018**	**0.018**	*0.018*	*0.018*	*0.019*	*0.019*	*0.018*	*0.018*	*0.019*	*0.019*	**0.070**	*0.074*	*0.074*
Other Renewables (c)	**0.009**	**0.008**	**0.009**	**0.009**	*0.008*	*0.008*	*0.009*	*0.008*	*0.008*	*0.008*	*0.009*	*0.009*	**0.035**	*0.034*	*0.034*
Subtotal	**0.032**	**0.032**	**0.032**	**0.032**	*0.032*	*0.032*	*0.034*	*0.033*	*0.032*	*0.032*	*0.034*	*0.033*	**0.128**	*0.131*	*0.131*
Residential Sector															
Geothermal	**0.009**	**0.009**	**0.009**	**0.009**	*0.009*	*0.009*	*0.009*	*0.009*	*0.009*	*0.009*	*0.009*	*0.009*	**0.037**	*0.037*	*0.037*
Wood and Wood Waste	**0.104**	**0.105**	**0.106**	**0.105**	*0.105*	*0.105*	*0.105*	*0.105*	*0.105*	*0.105*	*0.105*	*0.105*	**0.419**	*0.421*	*0.421*
Solar	**0.024**	**0.024**	**0.024**	**0.024**	*0.024*	*0.024*	*0.024*	*0.024*	*0.024*	*0.024*	*0.024*	*0.024*	**0.097**	*0.097*	*0.097*
Subtotal	**0.136**	**0.138**	**0.140**	**0.139**	*0.138*	*0.139*	*0.139*	*0.138*	*0.139*	*0.139*	*0.139*	*0.139*	**0.553**	*0.554*	*0.554*
Transportation Sector															
Ethanol (b)	**0.263**	**0.277**	**0.276**	**0.283**	*0.279*	*0.294*	*0.292*	*0.296*	*0.285*	*0.295*	*0.294*	*0.299*	**1.099**	*1.161*	*1.174*
Biodiesel (b)	**0.011**	**0.020**	**0.031**	**0.040**	*0.029*	*0.028*	*0.028*	*0.027*	*0.030*	*0.032*	*0.033*	*0.035*	**0.102**	*0.113*	*0.130*
Total Consumption	**2.059**	**2.270**	**1.999**	**1.947**	*1.947*	*2.178*	*1.938*	*1.958*	*2.024*	*2.206*	*1.990*	*1.974*	**8.275**	*8.021*	*8.194*

- = no data available

(a) Conventional hydroelectric power only. Hydroelectricity generated by pumped storage is not included in renewable energy.

(b) Fuel ethanol and biodiesel supply represents domestic production only. Fuel ethanol and biodiesel consumption in the transportation sector includes production, stock change, and imports less exports. Some biodiesel may be consumed in the residential s

(c) Other renewable energy sources include municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from EIA databases supporting the following reports: *Electric Power Monthly* , DOE/EIA-0226 and *Renewable Energy Annual* , DOE/EIA-0603; *Petroleum Supply Monthly* , DOE/EIA-0109.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.