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TESTIMONY IN SUPPORT OF S.B. 1 AN ACT CONCERNING CONNECTICUT'S ENERGY FUTURE

Senator Fonfara, Representative Nardello, and members of the Energy and Technology Committee, my name is David Swirsky, Manager, New Age Energy Group, LLC.

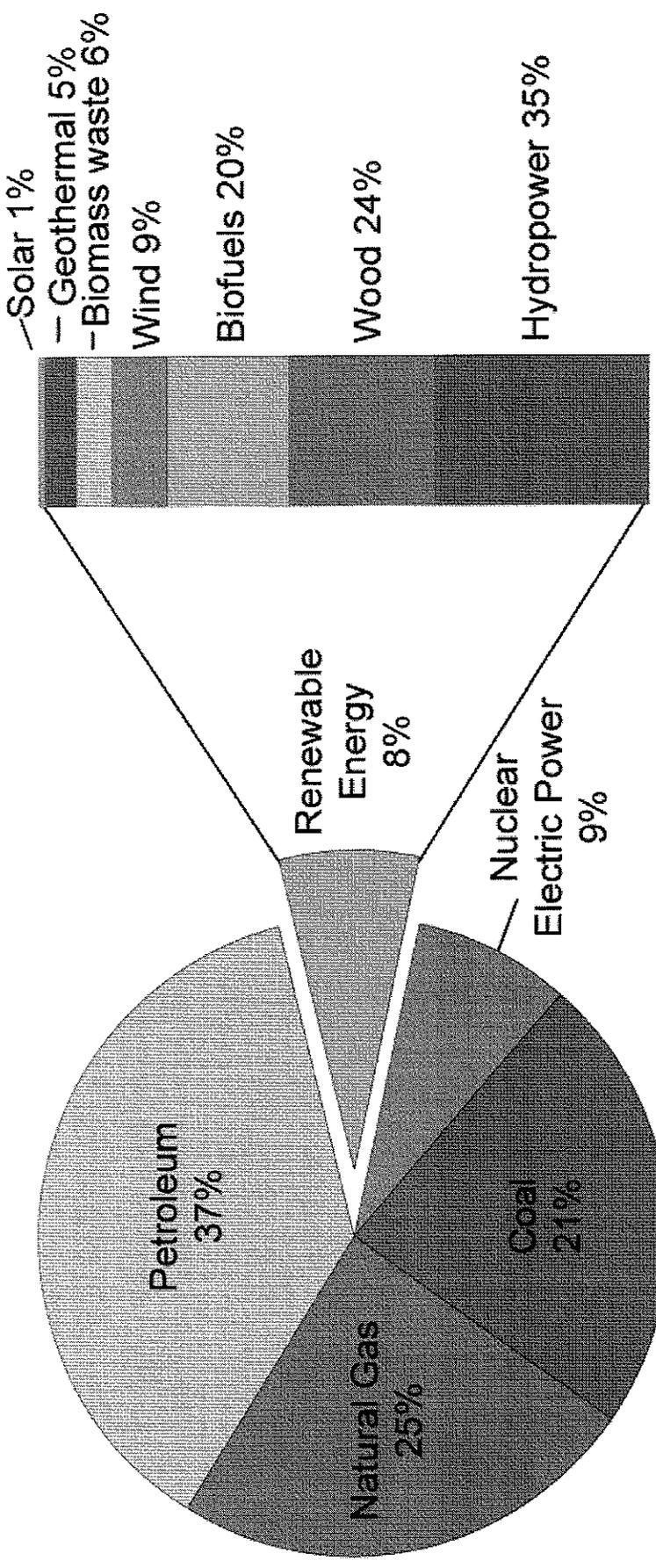
I believe Connecticut needs to adopt a new vision in regards to renewable energy use in our state. We purchase most of our power from Ohio, Pennsylvania, New York, and Quebec Power. Most of this is fossil fuel driven or coal. I believe, we can build renewable power in Connecticut, using our union labor force in construction, electrical, as well as engineers. Renewable energy will substantially reduce carbon dioxide and sulfur pollutants from our air. We can build solar installations on closed landfills and brownfield properties which with virtual net metering and srecs in place, power schools and municipal buildings, with clean renewable energy. For too long, we wait as a society, for a disaster to come along before we see the need for change. Well, that time has come.

Not just due to the tsunami which just recently occurred, or the oil producing counties' which have driven up prices over the last two weeks, because of political unrest. The reason is, we need a plan now. One which can immediately be put in place and the solar or wind farms can be readily built. If this is done, we can start to build our energy in Connecticut for Connecticut's use.

U.S. Energy Consumption by Energy Source, 2009

Total = 94.578 Quadrillion Btu

Total = 7.744 Quadrillion Btu



Note: Sum of components may not equal 100% due to independent rounding.

Source: U.S. Energy Information Administration, *Annual Energy Review 2009*, Table 1.3, Primary Energy Consumption by Energy Source, 1949-2009 (August 2010).

Table I.1 U.S. Energy Consumption by Energy Source, 2004 - 2008
 (Quadrillion Btu)

Energy Source	2004	2005	2006	2007	2008
Total	100.334	100.468	99.790	101.502	99.438
Fossil Fuels	85.828	85.815	84.687	86.223	83.532
Coal	22.466	22.797	22.447	22.749	22.398
Coal Coke Net Imports	0.137	0.045	0.061	0.025	0.040
Natural Gas ¹	22.931	22.583	22.224	23.679	23.814
Petroleum ²	40.292	40.391	39.955	39.769	37.279
Electricity Net Imports	0.039	0.084	0.063	0.106	0.113
Nuclear Electric Power	8.222	8.161	8.215	8.455	8.427
Renewable Energy	6.247	6.407	6.825	6.719	7.367
Biomass ³	3.010	3.117	3.277	3.503	3.852
Biofuels	0.500	0.577	0.771	0.991	1.372
Waste	0.389	0.403	0.397	0.413	0.436
Wood and Derived Fuels	2.121	2.136	2.109	2.098	2.044
Geothermal Energy	0.341	0.343	0.343	0.349	0.360
Hydroelectric Conventional	2.690	2.703	2.869	2.446	2.512
Solar Thermal/PV Energy	0.065	0.066	0.072	0.081	0.097
Wind Energy	0.142	0.178	0.264	0.341	0.546

¹Includes supplemental gaseous fuels.

²Petroleum products supplied, including natural gas plant liquids and crude oil burned as fuel.

³Biomass includes: biofuels, waste (landfill gas, MSW biogenic, and other biomass), wood and wood derived fuels.

PV = Photovoltaic.

Notes: Data revisions are discussed in the Highlights section.

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

Sources: Non-renewable energy: U.S. Energy Information Administration (EIA), Monthly Energy Review (MER) March 2010, DOE/EIA-0035 (2010/03) (Washington, DC, March 2010), Tables 1.3, 1.4a and 1.4b; Renewable Energy: Table 1.2 of this report.