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Sustainable Energy Coalition Factoids

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Explanation of SEC Factoids

In summer 2005, several of the organizations that comprise the Sustainable Energy Coalition (SEC) drafted a document entitled the "Sustainable Energy Blueprint."

The "Sustainable Energy Blueprint" proposes that the goals of the nation's energy policy should be to:

- 1.) promote energy-saving technologies in all sectors of the economy - including energy-efficient buildings, appliances, lighting, vehicles, and industrial processes as well as co-generation, district energy, and fuel cells;
- 2.) promote environmentally-responsible applications of the cross-section of renewable energy technologies including biofuels, biomass, geothermal, hydropower, ocean, solar, wind, and renewably-based hydrogen;
- 3.) reduce greenhouse gas emissions to a level consistent with a world-wide goal of global climate stabilization (e.g., curbing U.S. CO2 emissions by 60-80% from current levels by no later than mid-century);
- 4.) eliminate U.S. energy imports (i.e., oil and natural gas - now 58% and 15% respectively), while reducing overall use of oil, coal, and natural gas; and
- 5.) phase out the current generation of nuclear power and not construct new reactors in their place.

To demonstrate that it is technically and economically feasible to realize these goals, given the necessary political support, the Sustainable Energy Coalition is compiling a series of "factoids" that are being released on an approximately weekly basis.

Each "factoid" is a summary of a study on the potential of renewable energy and energy efficiency produced by a governmental, business, academic, or non-profit organization.

Each factoid provides a summary of the key findings of the study – often derived from the study's media-release materials or executive summary. Additional information is provided on how to obtain a copy of the full study.

Neither the Sustainable Energy Coalition nor its member groups necessarily endorse the findings of specific studies. Rather, they are presented as analyses that suggest the general feasibility of realizing the above-listed five goals.

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The Environmental and Energy Study Institute is a non-profit organization established in 1984 by a bipartisan, bicameral group of members of Congress to provide timely information on energy and environmental policy issues to policymakers and stakeholders and develop innovative policy solutions that set us on a cleaner, more secure and sustainable energy path.