

## HOUSE RESOLUTION No. 6005

By Committee on Energy and Utilities

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9 A RESOLUTION establishing targets for energy development, con-  
10 sumption and costs.

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12 WHEREAS, Federal energy policy discussions have focused public at-  
13 tention on climate issues and alternative energy futures; and

14 WHEREAS, Federal energy policy discussions and ultimate actions  
15 will impact each state differently; and

16 WHEREAS, Energy sources to meet state needs will continue to re-  
17 flect their existing and potential generation resources; and

18 WHEREAS, The cost of energy to consumers, businesses and indus-  
19 tries will determine quality of life and economic opportunities in each  
20 state; and

21 WHEREAS, Direct and indirect energy costs and their impacts on  
22 individual consumers and consumer sectors have not been widely dis-  
23 cussed at the federal level, but are of great concern to state policy-makers;  
24 and

25 WHEREAS, The Kansas Energy Council has been disbanded and  
26 other official energy forums have not provided a blueprint for state energy  
27 objectives that the public and their elected policy-makers can discuss,  
28 amend and implement: Now, therefore,

29 *Be it resolved by the House of Representatives of the State of Kansas:*  
30 That we believe that Kansas' public, elected policy-makers and executive  
31 agency personnel should have specific targets for energy development,  
32 consumption and costs; and

33 *Be it further resolved:* That compared to January 1, 2009, by December  
34 31, 2020 the following policy objectives should be achieved and all state  
35 agencies, including the Board of Regents, Kansas Bio-Science Authority,  
36 Kansas Corporation Commission, Kansas Department of Health & En-  
37 vironment, and the Kansas Development Finance Authority, are charged  
38 with the responsibility of achieving them:

39 RENEWABLE ENERGY: At peak generation and consumption per-  
40 iods, 20% of all electricity produced by Kansas generators and 20% of all  
41 electricity used by Kansas residential, commercial and industrial custom-  
42 ers shall have been generated from renewable resources; and

43 All Title IV landfills in Kansas shall capture at least 90% of otherwise

1 escaping methane gas from decomposing refuse and shall be converting  
2 new and existing municipal waste into synthetic gas for use in generating  
3 electricity and fueling motor vehicles; and

4 At least 10% of motor fuels sold in Kansas shall contain ethanol from  
5 cellulosic processing or bio-fuel synthetic gas; and

6 At least 60% of wind generated energy shall be “firmed” for reliability  
7 and to permit it to be dispatched. Such wind energy, in combination with  
8 the necessary energy storage, shall have at least an 80% capacity factor  
9 for five hours; and

10 ENERGY CONSERVATION AND EFFICIENCY: Assuming that the  
11 U.S. and Kansas economies will continue to recover strength after the  
12 recession of 2008 and 2009 and that electricity demand shall return to its  
13 normal 1% to 1 % annual growth, thereby resulting in approximately 15%  
14 greater demand by January 1, 2021, than existed as of December 31, 2009,  
15 in cooperation with the Kansas Corporation Commission all Kansas elec-  
16 tric utilities shall develop measurable programs to reduce the anticipated  
17 rate of growth to 7.5% without consumers experiencing a quality of life  
18 degradation; and

19 TRANSMISSION: To develop Kansas’ renewable energy generation  
20 potential, increase energy exports beyond state borders, provide a more  
21 robust transmission system resulting in increased energy reliability and  
22 lower cost electricity to high cost service areas, 1,000 miles of new and  
23 upgraded transmission lines will be approved and constructed; and

24 RESEARCH AND RETRO-FIT: Energy research in Kansas by private  
25 and public persons and institutions shall cumulatively generate \$500 mil-  
26 lion in grants, sponsored research and sales of products and technologies  
27 that increase energy production, the efficient use of energy and the de-  
28 velopment of new low-carbon footprint energy sources; with a target of  
29 at least \$150 million per year beginning January 1, 2011; and

30 Smart Grid is the enhanced, real-time communications between ele-  
31 ments of the integrated electric system that permit greater efficiencies in  
32 the production, distribution and consumption of electricity. At least 70%  
33 of transmission and distribution lines and appurtenances and at least 25%  
34 of all electric meters for each public utility shall be “smart grid compli-  
35 ant;” and

36 Existing coal-fired generation units, including both electric public util-  
37 ities and non-public utilities, shall reduce the rate of their carbon dioxide  
38 releases per BTU to equal or less than natural gas generation plants con-  
39 structed in 2009; and

40 The Kansas Development Finance Authority and Kansas Bio-Science  
41 Authority shall develop enhanced grant, loan and loan assurance programs  
42 that better enable energy researchers to secure federal and private sector  
43 funding to research, develop, commercialize and market energy-related

1 products and services. Such load assurance programs not to increase state  
2 debt obligations, but to provide investors that the State of Kansas believes  
3 investing in such companies and research is a prudent investment in our  
4 nation's future; and

5       **IMPACTS ON KANSANS:** The Kansas Department of Commerce, as  
6 lead agency, shall enhance its workforce development, recruitment and  
7 training programs that lead to an employment growth rate in energy pro-  
8 duction, conservation/efficiency, research and related sectors of 15% per  
9 year; and

10       As a result of Kansas' energy policies, consumers should not see in-  
11 creases in total energy costs exceeding 20% during the July 1, 2010  
12 through December 31, 2020 period, with many Kansans experiencing  
13 reduced or stable energy costs as a result of these Kansas Energy Policies;  
14 and

15       *Be it further resolved:* That the Clerk of the House of Representatives  
16 be directed to provide an enrolled copy of this resolution to the Board of  
17 Regents, the Kansas Bio-Science Authority, the Kansas Corporation  
18 Commission, the Kansas Department of Health and Environment and  
19 the Kansas Development Finance Authority.