

## House Concurrent Resolution No. 5005

Committee on Energy and Utilities

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1 A CONCURRENT RESOLUTION establishing targets for energy  
2 development, consumption and costs.

3 WHEREAS, Federal energy policy discussions have focused public  
4 attention on climate issues and alternative energy futures; and

5 WHEREAS, Federal energy policy discussions and ultimate actions  
6 will impact each state differently; and

7 WHEREAS, Energy sources to meet state needs will continue to  
8 reflect their existing and potential generation resources; and

9 WHEREAS, The cost and availability of energy to consumers,  
10 businesses and industries will determine quality of life and economic  
11 opportunities in each state; and

12 WHEREAS, Direct and indirect energy costs and their impacts on  
13 individual consumers and consumer sectors have not been widely  
14 discussed at the federal level, but are of great concern to state  
15 policymakers: Now, therefore,

16 *Be it resolved by the House of Representatives of the State of Kansas,*  
17 *the Senate concurring therein:* That we believe that Kansas' public,  
18 elected policymakers and executive agency personnel should have  
19 specific targets for energy development, consumption and cost  
20 containment; and

21 *Be it further resolved:* That compared to January 1, 2010, by  
22 December 31, 2020 the following

23 policy objectives should be achieved and all state agencies, including  
24 the Board of Regents, Kansas Bio-Science Authority, Kansas Corporation  
25 Commission, Kansas Department of Health & Environment, and the  
26 Kansas Development Finance Authority, are charged with the  
27 responsibility of assisting both the public and private sectors to achieve  
28 them:

29 RENEWABLE ENERGY: At peak generation and consumption  
30 periods, 20% of all electricity used by Kansas residential, commercial and  
31 industrial customers shall have been generated from renewable resources;  
32 and

33 All Title IV landfills in Kansas shall capture at least 90% of otherwise  
34 escaping methane gas from decomposing refuse or shall convert new and  
35 existing municipal waste into synthetic gas for use in generating  
36 electricity and fueling motor vehicles; and

1 At least 2% of motor fuels sold in Kansas shall contain ethanol from  
2 cellulosic processing or bio-fuel synthetic gas; and

3 ENERGY STORAGE: The Kansas Corporation Commission shall  
4 coordinate with Kansas electric utilities and the Southwest Power Pool to  
5 study and implement five energy storage projects to cost-effectively  
6 address transmission line constraint relief, distributive generation  
7 reliability, electric distribution system reliability, and to firm renewable  
8 energy generation; and

9 ENERGY CONSERVATION AND EFFICIENCY: The U.S. and  
10 Kansas economies will continue to recover strength after the recession of  
11 2008 and 2009 and electricity demand shall return to its normal 1% to  
12 1.5% annual growth. Unabated, this will result in approximately 15%  
13 greater electricity demand by January 1, 2021, than existed as of  
14 December 31, 2009. In cooperation with the Kansas Corporation  
15 Commission, all Kansas electric utilities shall develop measurable  
16 programs to reduce the anticipated rate of growth to 10%, without  
17 consumers experiencing a quality of life degradation; and

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

23 RESEARCH AND RETRO-FIT: The Kansas Board of Regents and  
24 the Kansas Department of Commerce shall cooperate and coordinate  
25 efforts such that energy research in Kansas by private and public persons  
26 and institutions shall cumulatively generate \$500 million in grants,  
27 sponsored research, and sales of products and technologies that increase  
28 energy production, the efficient use of energy and the development of  
29 new low-carbon footprint energy sources; with a target of at least \$75  
30 million per year beginning January 1, 2012; and

31 To accomplish this objective, The Kansas Development Finance  
32 Authority and Kansas Bio-Science Authority shall develop enhanced  
33 grant, loan and loan assurance programs that better enable energy  
34 researchers to secure federal and private sector funding to research,  
35 develop, commercialize and market energy-related products and services.  
36 Such loan assurance programs are not to increase state debt obligations,  
37 but to demonstrate to investors that the State of Kansas believes investing  
38 in such companies and research is a prudent investment in our nation's  
39 future; and

40 Smart Grid is the enhanced, real-time communications between  
41 elements of the integrated electric system that permit greater efficiencies  
42 in the production, distribution and consumption of electricity. In  
43 cooperation with the Kansas Corporation Commission, Kansas electric

1 utilities shall strive to ensure that at least 70% of transmission and  
2 distribution line segments and appurtenances and at least 50% of all  
3 electric meters for each public utility shall be “smart grid compliant;”  
4 and

5 Existing coal-fired generation units, including both electric public  
6 utilities and nonpublic utilities, shall reduce the rate of their carbon  
7 dioxide releases per BTU to equal or less than 125% of natural gas  
8 generation plants constructed in 2009; and

9 IMPACTS ON KANSANS: The Kansas Department of Commerce  
10 and the Board of Regents, as lead agencies, shall enhance workforce  
11 development, recruitment and training programs that lead to an  
12 employment growth rate in energy production, conservation/efficiency,  
13 research and related sectors of 15% per year beginning in 2012; and

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