

HRes 6005 - Resolution by Energy and Utilities

Establishing targets for energy development, consumption and costs.

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

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

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

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

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

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

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

NOW THEREFORE, BE IT RESOLVED by the House of Representatives of the State of Kansas: That we believe that Kansas' public, elected policy-makers and executive agency personnel should have specific targets for energy development, consumption and costs; and

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

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

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

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

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

ENERGY CONSERVATION AND EFFICIENCY: Assuming that the U.S. and Kansas economies will continue to recover strength after the recession of 2008 and 2009 and that electricity demand shall return to its normal 1% to 1 1/2% annual growth, thereby resulting in approximately 15% greater demand by January 1, 2021, than existed as of December 31, 2009, in cooperation with the Kansas Corporation Commission all

Kansas electric utilities shall develop measurable programs to reduce the anticipated rate of growth to 7.5% without consumers experiencing a quality of life degradation; and
TRANSMISSION: To develop Kansas' renewable energy generation potential, increase energy exports beyond state borders, provide a more robust transmission system resulting in increased energy reliability and lower cost electricity to high cost service areas, 1,000 miles of new and upgraded transmission lines will be approved and constructed; and

RESEARCH AND RETRO-FIT: Energy research in Kansas by private and public persons and institutions shall cumulatively generate \$500 million in grants, sponsored research and sales of products and technologies that increase energy production, the efficient use of energy and the development of new low-carbon footprint energy sources; with a target of at least \$150 million per year beginning January 1, 2011; and Smart Grid is the enhanced, real-time communications between elements of the integrated electric system that permit greater efficiencies in the production, distribution and consumption of electricity. At least 70% of transmission and distribution lines and appurtenances and at least 25% of all electric meters for each public utility shall be "smart grid compliant;" and

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

The Kansas Development Finance Authority and Kansas Bio-Science Authority shall develop enhanced grant, loan and loan assurance programs that better enable energy researchers to secure federal and private sector funding to research, develop, commercialize and market energy-related products and services. Such loan assurance programs not to increase state debt obligations, but to provide investors that the State of Kansas believes investing in such companies and research is a prudent investment in our nation's future; and

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

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

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