

A RESOLUTION calling for the United States Department of Energy (US DOE) to establish a 10 in 10 program to demonstrate carbon capture and storage technology (CCS).

WHEREAS, 10 in 10 is a concept of building ten coal-fired power plants in ten years using CCS technologies funded predominantly by the federal government; and

WHEREAS, the federal government has been invested in the research and development of technologies to capture and store or utilize carbon dioxide for over 15 years, but US DOE's commitment to proving those technologies in the national power market has been lacking; and

WHEREAS, recent federal clean air rules, predicated on the risks of climate change associated with carbon dioxide emissions, have forced energy producers to switch from coal to natural gas; and

WHEREAS, the costs passed on to the public by fuel switching, in the form of rate increases and reduced reliability, clearly make controlling carbon dioxide emissions a national concern, but a concern that is currently being addressed indirectly;

WHEREAS, placing the incidence of burden for a national problem like controlling carbon dioxide on the ratepayer is wrong, and the federal government should support the build-out and demonstration of critical CCS technology that will allow coal-fired plants which produce safe, affordable, and reliable energy for the public in the future; and

NOW, THEREFORE,

Be it resolved by the Senate of the General Assembly of the Commonwealth of Kentucky:

➔Section 1. The United States Department of Energy should spearhead a demonstration program of constructing coal-fired electric generating plants using carbon capture/utilization or storage technology. The program should encourage the electric power industry to build, replace, or retrofit a total of ten coal-fired power plants using CCS in ten years. The program should be funded by federal cost share dollars at a higher

percentage of federal funding, and should emphasize the resolution of permitting and other roadblocks to the deployment of critical CCS technologies.

➔Section 2. A copy of this Resolution shall be mailed to Dr. Ernest Moniz, Secretary of Energy, United States Department of Energy, 1000 Independence Avenue, SW, Washington, DC, 20585.