

## ***Resolution on Carbon Capture and Enhanced Oil Recovery***

**WHEREAS**, The NARUC Board of Directors adopted a resolution on July 22, 2009, strongly urging the Congress and the Administration to support State efforts to store or find beneficial uses for carbon dioxide emissions by providing adequate funding and incentives for research into carbon capture and storage technologies and underground storage capacities; *and*

**WHEREAS**, The budget of the U.S. Department of Energy has been substantially reduced in the area of carbon capture technology development and commercialization; *and*

**WHEREAS**, The President recently highlighted the need for increased domestic oil production and the White House released a Blue Print for Secure Energy Future on March 30, 2011, with a major easily accessible domestic resource omitted. In this document there was no mention of the potential for Enhanced Oil Recovery using carbon dioxide to increase oil production and there was no mention of the importance of the infrastructure system to provide economic supplies of carbon dioxide from anthropogenic sources to oil fields; *and*

**WHEREAS**, The use of carbon dioxide injection increases the recovery of original oil in place from specific oil fields by 5% to 20% over primary and secondary recovery methods alone with potential of as much as 60%; *and*

**WHEREAS**, Three tons of CO<sub>2</sub> injected into an oil reserve will recover one barrel of crude oil. Current approximations from the Energy Information Administration are that CO<sub>2</sub> injection could translate into an additional 1.2 million barrels a day of oil that is not currently being recovered with potential for doubling the Enhanced Oil Recovery (EOR) capability; *and*

**WHEREAS**, Taxes collected from this additional oil would amount to an additional \$28 million per day as reported by Advanced Resources International; *and*

**WHEREAS**, Enhanced oil recovery with carbon dioxide helps support State economies and creates jobs; *and*

**WHEREAS**, It is beneficial that Congress and the Administration act in close partnership with State governments, recognizing that carbon dioxide can be a useful commodity, *and*

**WHEREAS**, The current supply of carbon dioxide is naturally occurring, is anticipated to decrease and is currently being used as a valuable resource for Enhanced Oil Recovery; *and*

**WHEREAS**, Electricity generated from plants burning coal and natural gas emit carbon dioxide that could be captured and used to further the goals of energy independence and reduction of greenhouse gases; *now, therefore be it*

**RESOLVED**, That the Board of Directors of the National Association of Regulatory Utility Commissioners, convened at its 2011 Summer Committee Meetings in Los Angeles, California, supports each State and groups of States developing financial and other policies that encourage the use of carbon dioxide from power plants in petroleum recovery operations; *and be it further*

**RESOLVED**, That NARUC urges Congress and the Administration to restore and increase funding as quickly as possible, and eliminate regulatory impediments including, but not limited to 100% grants, to qualified applicants for developing carbon capture technologies at power plants with a sufficient number of demonstration projects at commercial scale to yield economical carbon dioxide for use by the oil and gas industry and to establish tax incentives for capturing and using anthropogenic CO<sub>2</sub> to accelerate the deployment of CO<sub>2</sub> capture technology and to accelerate the production of oil via CO<sub>2</sub>-EOR; *and be it further*

**RESOLVED**, That NARUC strongly urges Congress and the Administration to strongly and rapidly act on this resolution to increase the energy security of our nation so States are less dependent on unstable foreign oil sources, and to create high quality jobs.

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*Sponsored by the Subcommittee on Clean Coal and Carbon Sequestration  
and the Committees on Electricity and Energy Resources and the Environment  
Adopted by the NARUC Board of Directors July 20, 2011*