



*FOR IMMEDIATE RELEASE*

**Skyonic Corporation Awarded Grant  
from the National Energy Technology Laboratory for Capitol-SkyMine® Project**

Austin, Texas – February 8, 2010 – Today, Skyonic Corporation, an Austin-based carbon-capture technology company, announced it has been selected to receive \$3 million in stimulus funding under the competitive “Carbon Capture and Sequestration from Industrial Sources and Innovative Concepts for Beneficial CO<sub>2</sub> Use” grant administered by the Department of Energy and the National Energy Technology Laboratory (DOE/NETL).

This grant, along with private investment, will fund Phase 1 of the commercial Capitol-SkyMine® project to be located on-site at Capitol Aggregates, Ltd., cement plant in San Antonio, Texas. Phase 1 will fund modeling, simulation, design, costing, and procurement activities in preparation for the construction of the plant in 2010. Skyonic Corporation will work closely with Zachry Corporation, owner of Capitol Aggregates, Ltd., and with design and construction engineers Ford, Bacon & Davis to complete Phase 1 work. In mid-2010, Skyonic will have the opportunity to apply for a Phase 2 grant from DOE/NETL to support the construction of the plant, with the balance of the plant funded by private investors.

The Capitol-SkyMine® plant is targeted to capture 75,000 metric-tonnes of CO<sub>2</sub> from flue gas emitted by Capitol Aggregates’ cement plant and mineralize the carbon dioxide-emissions as baking soda, while also offsetting an additional 200,000 metric-tonnes of CO<sub>2</sub> in the manufacture of benign chemical byproducts. The Capitol-SkyMine® plant will operate at a profit, due to the sale of these byproducts and is expected to generate over two hundred permanent jobs in Texas. The mineralized carbon dioxide (baking soda) will be used in several industrial applications and tested as feed-stock for bio-algae fuels. Capitol-SkyMine® will also neutralize acid-rain emissions, and reduce mercury and heavy metals emissions.

Skyonic Corporation’s founder, Joe D. Jones, said, “The members of the Skyonic Team are the ones who deserve the credit for meeting the exacting standards set by the Department of Energy for insuring that only true carbon-reducing projects are chosen. David St. Angelo, Mark Clayton, Jack Lynch, Stacy MacDiarmid, David Legere, and Clive Barton, along with our corporate partners at Ford, Bacon & Davis, Fulbright & Jaworski, Van Ness Feldman, and Southwest Research Institute, have worked hard to make Skyonic a success and the Capitol-SkyMine® project a reality. It takes a world-class team to earn public funding for new technology development.”

About the SkyMine® Process

SkyMine® is a revolutionary, patent-pending process that captures carbon dioxide emissions from coal-burning power generators, and other stationary emitters of CO<sub>2</sub>, and mineralizes the gas into stable baking soda. SkyMine® can be operated profitably, as the feed-stocks for

SkyMine® are inexpensive and available, and the byproducts are widely used and comparatively expensive.

#### About Skyonic Corporation

Skyonic Corporation was founded and incorporated in 2005 by SkyMine® inventor and chemical engineer, Joe D. Jones. Skyonic is located in Austin, Texas, and has performed field trials and demonstration projects at coal-generation facilities throughout Texas. Since its inception, Skyonic has been supported largely by the Silicon Valley real estate, high-tech, and environmental entrepreneur, Carl Berg.

#### About Zachry Corporation

Zachry Corporation is a privately owned company based in San Antonio, Texas. The company's affiliates and subsidiaries provide construction services and construction management, primarily for infrastructure projects and commercial construction, including educational, governmental and medical facilities. With more than 85 years of experience in the construction industry, Zachry has built some of the largest transportation projects in Texas, and highways, bridges, airstrips, dams, and pipelines around the world. Capitol Aggregates, Ltd., a subsidiary of Zachry Corporation, is a regional aggregate and cement supplier that provides superior products for customers' various material requirement in an ever-changing market. Zachry Corporation's affiliated companies engage in public and private infrastructure development and finance, real estate, and hospitality.

#### About Ford, Bacon & Davis

Ford, Bacon & Davis LLC (FB&D) is a fully integrated engineering, procurement, construction and project management firm specializing in the renewable energy, power, pulp & paper, specialty chemical, chemical, petrochemical, and refining industries. FB&D is a leader in the design of production facilities for renewable fuels, renewable chemicals, biomass based power, synthetic gas production and solar energy. FB&D is based in Baton Rouge, LA and operates throughout North America and selected parts of the world.

For more information about the Capitol-SkyMine® plant, Skyonic Corporation, or the SkyMine® process, contact Stacy MacDiarmid at 512-436-9276 or at [stacy@skyonic.com](mailto:stacy@skyonic.com).