

**New York and California Award Grants Totaling More than \$1 Million
To Support GMG Technology for Increased Glass Recycling**

Recycling support agencies in the states of California and New York have awarded grants totaling more than \$1 million to support further development and implementation of GMG's CulChrome® technology to expand the use of mixed cullet in glass container manufacturing.

California Grant:

On October 26, 2006, California's Department of Conservation announced the award of a \$564,000 Recycling Market Development and Expansion Grant to GMG to demonstrate use of its recently developed Batch Formulation Software in conjunction with an optical cullet color reader. This particular GMG technology will enable glass container manufacturers to use high levels of mixed color cullet and manage color variations in the supply of that material to their furnaces.

As stated in GMG's California grant application, the goals and targets of the project are:

- To demonstrate the capability of cullet processing technology to process clean mixed cullet (to C3MC™ cullet specifications) at market rates.
- To confirm the effectiveness of a cullet color reader to read the flint/amber/green/blue color distribution of C3MC™ cullet at high rates on a conveyer belt such as that used to convey cullet to a batch mixer in a container glass plant.
- To demonstrate the ability of the Batch Formulation System (BFS) to collect input from the cullet reading stage and compute the modified glass batch formula that is required to maintain constant glass color and properties.
- To establish methods by which the revised batch formula can be seamlessly introduced into a conventional glass batch process with regard to hardware, software and control authority.

Anheuser-Busch (A-B), the nation's largest user of amber glass bottles, and Owens-Illinois (O-I), the nation's largest glass container manufacturer, submitted letters of support for the GMG grant application.

A-B, which also operates its own glass bottle manufacturing plant in Houston, Texas, said of the GMG project, "you have selected an approach which appears equally beneficial to the environment (recycling and energy savings) and the bottle glass container manufacturing industry (greater cullet supply and improved economics).

Anheuser- Busch is pleased to participate in your program to provide technical assistance and evaluation perspective from the position of a major glass container manufacturer and user.”

O-I offered its “enthusiastic support” for the GMG grant application and had this to say about the GMG technology:

“Green Mountain Glass’s efforts to increase recycling and to enhance the amount of glass that can be returned to the glass manufacturer is certainly the right direction in glass reprocessing and represents a win/win situation for glass container manufacturers and environmental programs. Indeed, the expanded use of 3-mix cullet appears to be the only way in which two important goals are achieved: high overall glass recycling rates and establishing an adequate economical supply of cullet to the glass container industry.”

New York Grant:

On September 13, 2006, Empire State Development, New York State’s economic development agency, announced a grant in the amount of \$496,000 toward the capital costs of a \$2 million advanced glass processing facility built by Trilogy Glass, LLC in Stanley, NY. Trilogy Glass, LLC is a division of FCR, Inc., a wholly owned subsidiary of Casella Waste Systems, Inc. FCR is a major investor in GMG.

The Trilogy glass processing facility is designed to process up to 50,000 tons of mixed glass per year. The operators envision separating out a large portion of the flint cullet and producing up to 30,000 tons of cleaned mixed color cullet for re-use in glass container manufacturing.

According to Trilogy’s New York grant application, the mixed glass cullet “will be used for manufacturing new bottles, utilizing patented proprietary technology developed by Green Mountain Glass, LLC (GMG). This technology makes it possible for the bottle manufacturers to use mixed color cullet to make glass bottles of uniform color. The GMG technology has been tested in the field and has been shown to not only increase glass recycling, it improves the economics of cullet processing and glass manufacturing.”

In announcing the grant, Empire State Development stated, “This investment will save regional glass recyclers and manufacturers at least \$735,000 annually on reduced glass management and raw material costs and create 12 new jobs.”

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