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New Generation to test biofuel at chemical plant

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[New Generation Biofuels Holdings Inc.](#) recently announced the company's renewable biofuel product will be evaluated at Baltimore-based Delta Chemical Corp. facility.

New Generation Biofuels' first production facility, which is also located in Baltimore, is expected to begin commercial operations within the week. The evaluation program at Delta Chemical's facility is expected to begin a few days later.

New Generation Biofuels' production facility will utilize the same feedstocks as a biodiesel manufacturing facility, but produce a different kind of biofuel. While biodiesel is manufactured through the transesterification process, New Generation Biofuels' produces a fuel using a blend process that creates an emulsion known as a bioemulsion.

The company's biofuel will be tested in Delta Chemical's Cleaver-Brooks boiler system. According to Phil Wallis, New Generation Biofuels' chief marketing officer, Delta Chemical's facility has been predominately powered by natural gas. "They have a backup Cleaver-Brooks boiler that they've decided to evaluate New Generation Biofuels' biofuel in. We cleaned out the existing #2 oil tank and switched over to New Generation Biofuels' biofuel and are ready to go," Wallis continued. The evaluation program has been designed to test the operability of the fuel. New Generation Biofuels will be collecting data that will be made available to other potential customers.

No specific time period has been set on the evaluation program at Delta Chemical, Wallis said. In addition to testing New Generation Biofuels' renewable fuel, the project will also serve as a showcase for the biofuel. Wallis said potential customers will have the opportunity to visit both the company's production facility and the boiler system at Delta Chemical's facility.

New Generation Biofuels has plans to conduct other evaluation programs as well. In March, Cleaver-Brooks Inc. plans to test the biofuel at one of their factories. A full range of operability tests will be conducted. In April, Taunton State Hospital in Massachusetts plans to begin a 12-month evaluation of the fuel. According to Wallis, the evaluation will involve the use of two Cleaver-Brooks boiler systems. One boiler system will be powered by B20, the other by New Generation Biofuels' fuel. This evaluation program will include a full range of emissions testing.

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