



Teru Talk *by Michael Theroux*

On matters of waste conversion for resource recovery

March 29, 2013

<http://www.terutalk.com>

CEC Approves Amendment of Delta Diablo Biosolids to Energy Contract



The California Energy Commission (CEC) heard as item 5 and approved staff's recommendation to amend the Delta Diablo Sanitation District's 2011 grant award contract 500-10-034 during its March 20, 2013 business meeting. Approval of Resolution No. 13-0320-05 extends the term to march 31, 2015, revises the scope of the contract to reflect that the Florida firm Chemergy Inc. is added as the new biosolids to energy technology and adds the Lawrence Livermore National Laboratory for third party testing as a subcontractor. The goal of the project is to develop, demonstrate, and implement systems for converting biosolids to energy that will maximize the energy production from the biosolids and minimize the solid and liquid waste disposal requirements while meeting California's environmental standards including air emission limits. The primary initiative will be demonstrating an innovative technology that will process wastewater and biosolids at moderate temperatures and pressures to produce high-grade fuel suitable for energy generation, heat, and useful solid by-products (primarily micro-nutrient fertilizer). The initial technology vendor Intellergy, Inc., acting as subcontracted project developer, was unable to secure the needed cost share funding to run the project. This amendment will ensure that the original goal of this agreement is met, which is to develop, demonstrate, and implement a system or systems for converting biosolids to energy. The grant was initially awarded to the Bay Area Biosolids to Energy (BAB2E) Coalition, a consortium of nineteen Bay Area public agencies seeking innovative, local, sustainable solutions to biosolids management by utilizing the latent energy contained in the material. 03/29/2013