

Minutes of the  
**RENEWABLE ENERGY COUNCIL**  
Tuesday, November 30, 2010 – 10:00 am (CST)  
Conference Call

**CALL TO ORDER**

Shane Goettle, Chairman, called the Renewable Energy Council meeting to order at 10:02 am.

**Members Present:** Shane Goettle, Eric Mack, Al Christianson, Randy Schneider, Terry Goerger, Rod Holth, and Mark Nisbet.

**Members Absent:** None.

**Others Present:**

Paul Govig, Department of Commerce  
Andrea Pfennig, Department of Commerce  
Karlene Fine, Industrial Commission  
Joleen Leier, Department of Commerce  
Ted Aulich, EERC

**WELCOME**

Goettle asked Fine to give an overview of the extension request she received.

**CONSIDERATION OF CONTRACT  
EXTENSION**

**R-008-019: “Renewable Oil Refinery Project”.**

This project was approved at the April 7, 2010 Council meeting. EERC anticipated having the match funding by 9/30/10. Commission did give an extension until 11/30/10. Work has been going along well, but have had a few delays. Need a little more time to obtain match funds (\$6.5 million). The Council's portion is \$3 million.

Thus, Chad Wocken of EERC has requested an extension to execute NDIC Contract 008-019 until July 2011, at which time they expect the Department of Defense and Accelerger funding to be available.

The Technical Advisor's Recommendation is to grant an extension until June 1, 2011. This will enable the Council to obligate the funds during the May 1<sup>st</sup> round if the EERC is unable to secure the

remaining funds, allowing the funds to be committed prior to the end of the biennium.

Aulich of EERC participated in the conference call. He has worked closely with Chad on this project. Aulich stated they are approximately  $\frac{3}{4}$  way through the reactor system. This is the focal point of the whole operation. They are working with Impact Design out of Massachusetts. Aulich explained that part of the overall cost is coming from a federal grant. The money has been allocated, but the federal budget has not been approved yet. Accelerger will match funding and NDIC will contribute as well.

Schneider asked if Aulich is confident that the amount is in the federal budget and that there is no possibility that someone would strike that and the funding source would disappear. Response, they are confident that the money is there. They have had conversations with the Defense Logistics Agency and Senator Dorgan and his staff that everything is there and the allocation has been made.

Mack asked if feedstock is still crambe? Response, crambe is one of the feedstocks interested in; another is waste oils. Initially probably get waste oil at a lower price. To run this thing on waste oil as a major feedstock and then crambe and other regional oils we can get for demonstration work to show they will work. 100 barrel per day is not necessarily going to generate enough demand to incentivize the nation crambe industry. If we get up to 750 barrels a day, that would be 12-14 million gallons a year of feedstock. That would produce a significant demand for crambe. Idea is to operate 100 barrel a day with lowest feedstock available. Feed in crambe from Schatz operation. Once Tesoro commits to bigger operation would enable the production of more crambe.

Mack asked if you are going to use yellow grease rather than crambe since one of the stipulations was to use oils from North Dakota. Response, have worked in the past with Simplot and have talked about moving forward with utilizing grease from

