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Eric Johnson
Project Manager
FAGEN, INC.
PO Box 357831
Gainesville, FL 32635-7831

RE: 13024.0 Facility Performance PTC 46 Preliminary Report rev [1]

Dear Eric,

Adjusted Contract Capacity Testing was conducted at the Gainesville Renewable Energy Center on November 21, 2013, in accordance with the PTC46 Test Procedure.

Three (3) Four hour (4) tests were conducted consecutively over 12 hours starting at 10:00 EST and ending 22:00 EST. The tests times are outlined in Table 1 below:

Table 1 – Test Times

Test	Description	Date	Time
1	Load Capacity and Heat Rate	November 21, 2013	1000-1400
2	Load Capacity and Heat Rate	November 21, 2013	1400-1800
3	Load Capacity and Heat Rate	November 21, 2013	1800-2200

The test results were calculated from a combination of temporary test instrumentation, DCS instrument readings, and manual auxiliary load readings. The test results were corrected to design base conditions utilizing the correction methodology referenced in the subject test procedure. The preliminary results are calculated based on the higher range heating values of the supplied fuel composition of previously sampled fuel provided to us by FAGEN Inc. The results will most likely change when the as test fuel analysis is received. The testing preliminary data results are shown in Table 2.

Table 2 – Preliminary Test Results

DESCRIPTION	UNITS	Guarantee	TEST RUN 1	TEST RUN 2	TEST RUN 3	AVERAGE
Measured Fuel Heat Input (HHV)	mmBtu/h HHV	1275	1,211.89	1,211.30	1,210.84	1,211.34
Corrected Fuel Heat Input (HHV)	mmBtu/h HHV	1275	1,218.12	1,217.41	1,217.19	1,217.57
Measured Net Heat Rate	BTU/kWh, HHV	12559	11,779	11,770	11,762	11,770
Corrected Net Heat Rate	BTU/kWh, HHV	12559	12,012	11,993	12,010	12,005

These results are preliminary in nature and are subject to change based on the fuel sample analysis, ash sample analysis, and further technical review.

Please feel free to contact myself or Joe McHale (425-753-5974 / joe.mchale@mchale.org) if you have any questions or require further information.

Best Regards,



Seth Leedy

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