

# **Glacial Lakes Energy LLC (Aberdeen Energy LLC) CA-GREET Model**

The applicant has conducted its analysis of direct effects on carbon intensity for this pathway using CA-GREET, v.1.8b (Dec. 2009) (See [http://www.arb.ca.gov/fuels/lcfs/ca\\_greet1.8b\\_dec09.xls](http://www.arb.ca.gov/fuels/lcfs/ca_greet1.8b_dec09.xls)). The standard inputs and parameters specified in CA-GREET remain unchanged except as noted in the input table below. The input table below specifies the spreadsheet location of the CA-GREET inputs and other parameters that were claimed as confidential business information or trade secret by the applicant, but it does not disclose the actual value of such inputs and parameters because they are claimed to be confidential business information or trade secret.

Aberdeen Input data table (Locations of cells containing Confidential Business Information are shown, but the actual values of such confidential information are not disclosed):

**Table 1**  
**CaGREET Input Data for the Site-Specific CI Calculation for the**  
**Aberdeen Energy, LLC**

Sheet	Parameter	Cell	Average Value	Default Value	Notes
<b>DDGS</b>					
Fuel_Prod_TS	Ethanol Yield	C271	2.73	2.72	Fill in all time series data with this value
	Total Energy	K271	32425.12	36,000	Fill in all time series data with this value
	Dry Mill	C285	100	85%	Fill in all time series data with this value
	Share of Coal	S271	0	20%	Fill in all time series data with this value
Inputs	Electricity	C247	6.52	7.3%	Gives 0.62 kWhr/gal
	Natural Gas	C246	93.48	92.7%	Calculated in spreadsheet
<b>MDGS</b>					
Fuel_Prod_TS	Ethanol Yield	C271	2.73	2.72	Fill in all time series data with this value
	Total Energy	K271	27024.56	36,000	Fill in all time series data with this value
	Dry Mill	C285	100	85%	Fill in all time series data with this value
	Share of Coal	S271	0	20%	Fill in all time series data with this value
Inputs	Electricity	C247	7.828	7.3%	Gives 0.62 kWhr/gal
	Natural Gas	C246	92.172	92.7%	Calculated in spreadsheet