

American Renewable Fuel Suppliers (ARFS) 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). 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.

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

Table 7. Input Sheet for the CBI Sugarcane Ethanol

Ethanol Dehydration				
Yield	Parameter	Units		
Anhydrous yield	0.955	kg anhydrous/kg hydrous		
Energy Use	Parameter	Units	gal HFO/gal	
Residual Oil		Btu/gal	0.0592	
Natural Gas	0	Btu/gal		
Electricity		kWh/gal		
Co-produced Power	Parameter	Units		
Electricity	00000	kWh/gal		
Ethanol Transport and Distribution				
Transport Segment	Mode	Capacity (tonnes)	Distance (mi)	Share
Hydrous Ethanol	Ocean Tanker	150,000	10.3	100.0%
Anhydrous Ethanol	Ocean Tanker	150,000	24.2	100.0%