

## LouisDreyfus (Norfolk Plant) – 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

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

CA-GREET Model Sheet Name	Cell number	Default Pathway Value	Louis Dreyfus Norfolk Pathway Value	Units	Description	Comments
Regional IT	C2	U.S. Average	Midwest	n/a	Region for Analysis	Using Midwest corn and Midwest power
Fuel_Prod_TS	L277	36,000	Confidential Business Information	btu/gal	Corr Ethanol Plant Energy Use, Dry Mill	With modern plant and partially dried co-product, lower energy use
Fuel_Prod_TS	H277	2.72	Confidential Business Information	gal/bu	Ethanol yield of Corn Ethanol Plant, Dry Mill	With modern plant, optimized yield
Inputs	C247	10.19%	Confidential Business Information	%	Share of process energy for Electricity	With modern plant and partially dried co-product, lower power use
Inputs	C254	32,330	Confidential Business Information	btu/gal	Process fuel	Shown here for reference only. This cell is calculated based on cell L277 in Fuel_Prod_TS and Inputs C247
Inputs	C258	1.08	Confidential Business Information	kwh/gal	Electricity used for ethanol production	Shown here for reference only. This cell is calculated based on cell L277 in Fuel_Prod_TS and Inputs C247