

# Pacific Ethanol Stockton Waste Wine Pathway 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.

Pacific Ethanol 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	California Dry Mill, NG, 100% WDGS Pathway Value	Pacific Stockton Waste Wine Pathway Value	Units	Description	Comments
Regional LT	C2	Midwest- CA Marginal	CA Marginal	n/a	Region for Analysis	CA-Marginal for waste wine processing at Stockton ethanol plant
Fuel_Prod_TS	L277	22,140	Business Confidential	btu/gal	Plant Thermal and Electrical Energy Use	process energy and power for waste wine distillation and drying
Inputs	C247	10.172%	Business Confidential	%	Share of process energy for Electricity	power used in distillation and drying section of Stockton ethanol plant
T&D	II93	n/a	Business Confidential	miles	added column II in T&D for waste wine	Trucking distance from winery to Stockton