

Champway Technology Ltd. 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.

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

Parameters	Cell Locations	Company Values
Resid. Oil Electric Generation	J83-Regional LT	0%
Nat. Gas Electric Generation	J84-Regional LT	23%
Coal Electric Generation	J85-Regional LT	54%
Nuclear Electric Generation	J86-Regional LT	23%
Biomass Electric Generation	J87-Regional LT	0%
Renewables Electric Generation	J88-Regional LT	0%
UCO Processing NG Use	C189-UCO BD	0 btu/lb UCO
UCO Processing Electricity Use	C192 -UCO BD	226 btu/lb UCO
FFA Transesterification NG Use	E189-UCO BD	0 btu/lb UCO
FFA Transesterification Electricity Use	E192-UCO BD	425 btu/lb UCO
UCO Transesterification	F189-UCO BD	0 btu/lb UCO
UCO Transesterification Electricity Use	F192-UCO BD	1,249 btu/lb UCO
UCO Transesterification Methanol Use	F194-UCO BD	1,164 btu/lb UCO
Ocean Tanker Transport Distance	GB93-T&D	7,312 miles
Biodiesel Truck Transport Distance	GC93-T&D	57 miles