

Taiwan NJC Corporation 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.

Taiwan NJC Corporation 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
Region for Analysis	C2-Regional LT	Taiwan
Region for Analysis	J6-Regional LT	Taiwan
Resid. Oil Electric Generation	J83-Regional LT	3.8%
Nat. Gas Electric Generation	J84-Regional LT	19.3%
Coal Electric Generation	J85-Regional LT	53.9%
Nuclear Electric Generation	J86-Regional LT	18.1%
Biomass Electric Generation	J87-Regional LT	1.5%
Renewables Electric Generation	J88-Regional LT	3.4%
UCO Processing Energy	C189-UCO BD	152 btu/lb UCO
Glycerine Co-Product Yield	C41-UCO BD	0.02 lb/lb
UCO Processing Energy (% NG)	C174-UCO BD	82%
UCO Processing Energy (% Elect.)	C177-UCO BD	18%
FFA Transesterification NG Use	E189-UCO BD	0 btu/lb UCO
FFA Transesterification Resid. Oil Use	E186-UCO BD	155 btu/lb BD
FFA Transesterification Electricity Use	E192-UCO BD	16 btu/lb UCO
UCO Transesterification NG Use	F189-UCO BD	0 btu/lb UCO
UCO Transesterification Resid. Oil Use	F186-UCO BD	695 btu/lb BD
UCO Transesterification Electricity Use	F192-UCO BD	737 btu/lb UCO
UCO Transesterification Methanol Use	F194-UCO BD	630 btu/lb UCO
Ocean Tanker Transport Distance	GB93-T&D	7,312 miles
Biodiesel Truck Transport Distance	GC93-T&D	57 miles