

Platinum Green 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.

Platinum Green 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	Original GREET values	Company values	Note
Res. oil electric generation	Regional LT!J83	0%	xxx	xxx
Natural gas electric generation	Regional LT!J84	33%	xxx	xxx
Coal electric generation	Regional LT!J85	52%	xxx	xxx
Nuclear electric generation	Regional LT!J86	0%	xxx	xxx
Biomass electric generation	Regional LT!J87	6%	xxx	xxx
Other (renewables) electric generation	Regional LT!J88	9%	xxx	xxx
UCO use	UCO BD!B21	1.11	xxx	xxx
Glycerin yield	UCO BD!C41	0.105	xxx	xxx

FFA transesterification NG use	UCO BD!E189	155	xxx	xxx
FFA transesterification electricity use	UCO BD!E192	16	xxx	xxx
UCO transesterification NG use	UCO BD!F189	889	xxx	xxx
UCO transesterification electricity use	UCO BD!F192	47	xxx	xxx
UCO transesterification methanol use	UCO BD!F194	865	xxx	xxx
Ocean tanker transport distance (miles)	T&D!GB93	NA	xxx	xxx
Biodiesel truck transport distance (miles)	T&D!GC93	50	xxx	xxx
Biodiesel pipeline transport distance (miles)	T&D!GE93	400	xxx	xxx
Biodiesel ocean tanker payload (tons)	T&D!V5	--	xxx	xxx
Biodiesel ocean tanker horsepower requirement	T&D!T12	--	xxx	xxx
Column for biodiesel ocean tanker	T&D!GB90:132	Move right (insert new transport column)	xxx	xxx
Title	T&D!GB91	--	xxx	xxx
Ocean tanker fraction diesel power	T&D!GB95	--	xxx	xxx
Ocean tanker fraction residual oil power	T&D!GB96	--	xxx	xxx
Ocean tanker outbound energy intensity	T&D!GB108	--	xxx	xxx
Fraction of biodiesel transported by ocean tanker	T&D!CL138	0	xxx	xxx
Fraction of biodiesel transported by truck	T&D!CL142	80	xxx	xxx
Fraction of biodiesel transported by pipeline	T&D!CL140	0	xxx	xxx