

## Applied Natural Gas Fuels for North American Ng to LNG and L-CNG 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.

ANGF 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
Liquefaction Efficiency	AD66 – NG tab	80%	■	
Natural Gas Use	AD 75 – NG tab	100%	■	
Electricity Use	AD 75 – NG tab	0%	■	
CNG Efficiency	AA66 – NG tab	98%	■	
Electricity Mix	J83-J88 - Regional LT			For Arizona eGRID (WECC Southwest region)

