

## **Clean Energy for LFG from Dallas Texas to LNG and L-CNG at Boron LNG plant and CNG stations in CA**

### **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.

EMRE 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
Diesel use at Landfill	AI75 – NG tab	0	■	
LFG consumed	AI76 – NG tab		■	
Imported Electricity at Landfill	AI79 – NG tab		■	
Natural Gas Use	AD 75 – NG tab	100%	■	
Electricity Use	AD 75 – NG tab	0%	■	
CNG Efficiency	AA66 – NG tab	98%	■	
LNG Efficiency	AD 66 – NG tab	90%	■	
Electricity Mix	J83-J88 - Regional LT			For Texas eGRID (ERCT region) (for LFG extraction and processing)
Electricity Mix	J83-J88 - Regional LT			For CA marginal (LNG and LCNG production)