

# Great Plains Ethanol, LLC dba. POET Biorefining Chancellor (Corn and Sorghum Ethanol) 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.

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

<b>Chancellor CA-GREET Modifications</b>			
<b>Tab</b>	<b>Type</b>	<b>Cell(s)</b>	<b>Purpose</b>
CH4_Release_Avoidance	Addition	A1:D15	<b>Business Confidential</b>
			<b>Business Confidential</b>
EtOH	Addition	A220:G245	
EtOH	Addition	A249:K268	<b>Business Confidential</b>
			<b>Business Confidential</b>
EtOH	Addition	A270:J308	
			<b>Business Confidential</b>
EtOH	Addition	A310:K328	
			<b>Business Confidential</b>
EtOH	Addition	A330:E347	

<b>Chancellor CA-GREET Modifications</b>			
<b>Tab</b>	<b>Type</b>	<b>Cell(s)</b>	<b>Purpose</b>
			<b>Business Confidential</b>
EtOH	Addition	CX220:DC245	
EtOH	Addition	CX249:DG268	<b>Business Confidential</b>
			<b>Business Confidential</b>
EtOH	Addition	CX270:DF308	
			<b>Business Confidential</b>
EtOH	Addition	CX310:DG328	
EtOH	Addition	DU141:DU190	<b>Business Confidential</b>
EtOH	Correction	CY145	<b>Business Confidential</b>
EtOH	Correction	DH145	<b>Business Confidential</b>
EtOH	Correction	DH164	<b>Business Confidential</b>
EtOH	Correction	DI181:DK181	<b>Business Confidential</b>
EtOH	Correction	DJ166	<b>Business Confidential</b>
EtOH	Correction	DJ167	<b>Business Confidential</b>
			<b>Business Confidential</b>
EtOH	Correction	DL185:DR190	
EtOH	Correction	DS145	<b>Business Confidential</b>
EtOH	Correction	DS182	<b>Business Confidential</b>
EtOH	Correction	DS183	<b>Business Confidential</b>
EtOH	Correction	DT145	<b>Business Confidential</b>
			<b>Business Confidential</b>
EtOH	Correction	H12	
Fuel_Prod_TS	Change	C271	<b>Business Confidential</b>
Fuel_Prod_TS	Change	CU271	<b>Business Confidential</b>
Fuel_Prod_TS	Change	CV277	<b>Business Confidential</b>
Fuel_Prod_TS	Change	D277	<b>Business Confidential</b>
Fuel_Prod_TS	Change	K271	<b>Business Confidential</b>
Fuel_Prod_TS	Change	L277	<b>Business Confidential</b>
Inputs	Addition	E265:F270	<b>Business Confidential</b>
Inputs	Change	C247	<b>Business Confidential</b>
Inputs	Change	C252	<b>Business Confidential</b>
Inputs	Change	C254	<b>Business Confidential</b>
Inputs	Change	C255	<b>Business Confidential</b>
Inputs	Change	C257	<b>Business Confidential</b>
Inputs	Change	C263	<b>Business Confidential</b>
Inputs	Change	D235	<b>Business Confidential</b>
Inputs	Change	E247	<b>Business Confidential</b>
Inputs	Change	E254	<b>Business Confidential</b>

<b>Chancellor CA-GREET Modifications</b>			
<b>Tab</b>	<b>Type</b>	<b>Cell(s)</b>	<b>Purpose</b>
Inputs	Change	E255	Business Confidential
Inputs	Change	E257	Business Confidential
Inputs	Change	E263	Business Confidential
Inputs	Correction	E44:F55	Business Confidential
Regional LT	Change	C2	Business Confidential
T&D	Addition	DQ135:DR165	Business Confidential
T&D	Addition	DS135:DS165	Business Confidential
T&D	Addition	II90:IL132	Business Confidential
T&D	Addition	IM90:IM132	Business Confidential
T&D	Correction	DQ:139	Business Confidential
T&D Flowcharts	Addition	A1517:AE1525	Business Confidential
T&D Flowcharts	Addition	A1533:AC1541	Business Confidential
T&D Flowcharts	Change	F1366	Business Confidential
T&D Flowcharts	Change	F1442	Business Confidential
T&D Flowcharts	Change	M1308	Business Confidential
T&D Flowcharts	Change	M1309	Business Confidential
Urban_Shares	Change	B68	Business Confidential
Urban_Shares	Change	C149	Business Confidential