

BP BIOCMBUSTÍVEIS S.A.
(BP BIOFUELS – Itumbiara Mill)

**CHANGES TO DEFAULT INPUT VARIABLES IN CA-GREET
LIFECYCLE ANALYSIS MODEL for BP Biofuels - Itumbiara
(v1.8b, December 2009)**

http://www.arb.ca.gov/fuels/lcfs/ca_greet1.8b_dec09.xls

Pursuant to title 17, section 95486 (b)(1) of the California Code of Regulations, the applicant has conducted its analysis of direct effects on carbon intensity for these pathways using the CA-GREET v1.8b (December 2009) life cycle analysis model, as well as ARB Staff approved engineering estimates of factors not available in this version of the CA-GREET model. The standard inputs and parameters specified in CA-GREETv1.8b remain unchanged, except as noted in the input table below. The input table below also specifies the spreadsheet location of the CA-GREETv1.8b model 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.

WORKSHEET	ITEM	CELL	NEW VALUE
Fuel_Prod_TS	Ethanol production	CQ257	95,000
T&D Flowcharts	46	F1377	15
T&D Flowcharts	47	M1390	90
T&D Flowcharts	48.1	M1422	551
T&D Flowcharts	48.2	M1420	8758
T&D	1	AE7	15
Regional LT	-	C2	U.S. Average for Pathway Components Based Outside the U.S.
Regional LT	-	C2	CA-Marginal for Pathway Components Based in California
EtOH	1	H6	100%
EtOH	1.1	H19	415
Inputs	7.12	D307	-1.53
Fuel_Prod_TS	Ethanol Production	CQ271	