

**FT Diesel via MSW Gasification and FT Synthesis
Fulcrum Sierra BioFuels, LLC, Pleasanton, CA**

LCA model description

Pursuant to title 17, section 95486 (b)(1) of the California Code of Regulations, a comparable model (**confidential**) to the CA-GREET 1.8b model was utilized to estimate the carbon intensity of the MSW to FT-diesel pathway. The pathway follows the framework for biomass to FT diesel in the CA-GREET1.8b model. The applicant's comparable LCA model utilizes the default emission factors from the CA-GREET 1.8b model. Efficiency inputs from the CA-GREET 1.8b model were modified in the comparable model to reflect the applicant's process. The avoided landfill emissions follow the ARB approach used for waste material pathways.