



Revised as of 02/13/2024

Mobility Fuels AB1305 Project Disclosure 2023: Disclosures made pursuant to Section 44475.2 of AB1305

Claim	Documentation (Section 44475.2 (a))	Progress measurement (Section 44475.2 (a))	Independent third-party verification (Section 44475.2 (b))
<p>Shell Renewable Diesel reduces greenhouse gas emissions by approximately 65% compared to regular diesel on a life cycle basis</p>	<p>Shell Renewable Diesel compared to Regular Diesel (B0) using life cycle emissions data from CARB LCFS (California Air Resources Board Low Carbon Fuels Standard) and CA-GREET 3.0 (California-Greenhouse gases, Regulated Emissions, and Energy use in Transportation model, latest version 3.0). The reduction in CO₂e emissions provided by Shell Renewable Diesel was obtained by comparing the volumetric carbon intensity (mass of CO₂e generated per volume of Shell Renewable Diesel, kg CO₂e/L) to the volumetric carbon intensity of Shell Diesel (mass of CO₂e generated per volume of Shell Diesel, kg CO₂e/L). Carbon intensity (CI) data (in gCO₂e/MJ) for blend components (diesel, biodiesel and renewable diesel) were obtained as reported by CARB LCFS (2022) and converted to volumetric CI (mass of CO₂e per volume of fuel, kg CO₂e/L) before calculating the carbon intensity for each finished product: (a) Shell Diesel (100% diesel, B0) and (b) Shell Renewable Diesel ((99.9% Renewable diesel) or (95% renewable diesel with biodiesel), as per Shell average blend volumes for Shell Renewable Diesel in California). The reduction in CO₂e emissions was calculated as the difference between the volumetric CI for Shell Renewable Diesel and the volumetric CI for Shell Diesel, over the volumetric CI for Shell Diesel.</p>	<p>NA: See Documentation explanation</p>	<p>NA: See Documentation explanation</p>

Claim	Documentation (Section 44475.2 (a))	Progress measurement (Section 44475.2 (a))	Independent third-party verification (Section 44475.2 (b))
<p>Shell ClearFlex E85 reduces greenhouse gas emissions by approximately 45% compared to E10 gasoline on a life cycle basis</p>	<p>Shell ClearFlex E85 compared to regular E10 gasoline using life cycle emissions data from CARB LCFS (California Air Resources Board Low Carbon Fuels Standard) and CA-GREET 3.0 (California Greenhouse gases, Regulated Emissions, and Energy use in Transportation model, latest version 3.0). The reduction in CO₂e emissions provided by Shell ClearFLEX E85 was obtained by comparing the volumetric carbon intensity (mass of CO₂e generated per volume of Shell ClearFLEX E85, kg CO₂e/L) to the volumetric carbon intensity of Shell Regular E10 (mass of CO₂e generated per volume of Shell Regular E10, kg CO₂e/L). Carbon intensity (CI) data (in gCO₂e/MJ) for blend components (gasoline and ethanol) were obtained as reported by CARB LCFS (2022) and converted to volumetric CI (mass of CO₂e per volume of fuel, kg CO₂e/L) before calculating the carbon intensity for each finished product: (a) Shell Regular E10 (gasoline blend with 10% ethanol, as per US market standard) and (b) Shell ClearFLEX E85 (gasoline blend with 77.5% ethanol, as per Shell average blend volumes across the US for Shell ClearFLEX E85). The reduction in CO₂e emissions was calculated as the difference between the volumetric CI for Shell ClearFLEX E85 and the volumetric CI for Shell Regular, over the volumetric CI for Shell Regular E10.</p>	<p>NA: See Documentation explanation</p>	<p>NA: See Documentation explanation</p>