LC FPP Quantification Methodology and Benefits Calculator Tool

September 10, 2019
California Climate Investments

A statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment—particularly in disadvantaged communities.
AB 1550
Investments in Priority Populations

Disadvantaged communities: 25%
Low-income households or low-income communities anywhere in the State: 5%
Low-income households or low-income communities that are outside of, but within ½ mile of, disadvantaged communities: 5%

[ARB.CA.GOV/CCI-COMMUNITYINVESTMENTS]
Available Resources

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<td>Low Carbon Fuel Production</td>
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- CARB Quantification Materials webpage
  - Quantification Methodology
  - Benefits Calculator Tool & User Guide

http://www.arb.ca.gov/cci-resources
Quantification Methodology Overview

- Methodology uses existing methods to allow a consistent, statewide approach.
- Equations for estimating greenhouse gas (GHG) reductions, air pollutant reductions, and other co-benefits.
- GHG reductions based on fuel lifecycle analysis.
Estimated co-benefits include:

- Air pollutant emission reductions
- Fossil fuel/energy use reductions
- Renewable fuel/energy generation
- Organics diversion
- Water savings

- Allows for up to three fuel types per project.
- Optional default values provided, where applicable.
LC FPP User Guide

- Linked within the Benefits Calculator Tool
- Step-by-Step Directions
- Examples:
  - Example #1 New Biodiesel Production Facility.
  - Example #2 Expansion of Existing Dairy Biomethane Facility, producing RNG, Hydrogen, DME, and onsite electricity generation.