

Inside Climate News Analysis:

A California state grant program designed to reduce greenhouse gas emissions results in the direct release of approximately 225,000 – 300,000 metric tons of carbon dioxide into the air each year according to an analysis of state data.

129 Dairy Digester Research and Development Program (DDRDP) projects reduce GHG emissions by 2,273,491 MT CO<sub>2</sub>e/yr with reductions coming from direct methane emission reductions plus avoided carbon dioxide from burning biomethane based on the latest DDRDP project level report.

[https://www.cdfa.ca.gov/oefi/DDRDP/docs/DDRDP\\_Project\\_Level\\_Data.pdf](https://www.cdfa.ca.gov/oefi/DDRDP/docs/DDRDP_Project_Level_Data.pdf)

Avoided CO<sub>2</sub> is carbon dioxide emitted from the burning of biofuel which displaces the burning of fossil fuel.

10-13 percent of the greenhouse gas emissions reduction from the California Department of Food and Agriculture's Dairy Digester Research and Development Program (DDRDP) come from avoided CO<sub>2</sub> emissions according to the CDFA.

10 percent of 2,273,491 MT CO<sub>2</sub>e = 227,349 MT CO<sub>2</sub>/yr

13 percent of 2,273,491 MT CO<sub>2</sub>e = 295,554 MT CO<sub>2</sub>/yr

Therefore, of the total 2,273,491 MT CO<sub>2</sub>e/yr emissions reductions, approximately 225,000 – 300,000 metric tons of carbon dioxide come from avoided CO<sub>2</sub> emissions.

When presented with this analysis, CDFA noted that the above calculations made by Inside Climate News offer a range of possible emissions and may not be what CDFA observes when accounting for every project individually or collectively when summed.