

# Dairy Digester Co-Benefits: Protecting the Climate While Cleaning the Air

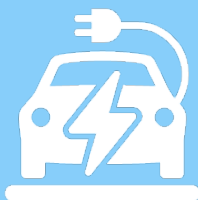
Dairy digesters represent not only a proven source of significant GHG reduction, but also provide tremendous air quality benefits (reduction of NOx) through the replacement of diesel in heavy-duty freight with clean renewable natural gas.



Renewable Natural Gas (RNG) produced from dairy biogas is considered a negative-carbon transportation fuel that is

**10 X**  
More Efficient  
at Reducing GHGs

than even  
**Electric Vehicles**



Each year,  
**1 Cow**  
can  
produce

**100**  
Gallons  
of fuel

*(Diesel Gallon  
Equivalents,  
or DGE)*

Roughly  
**500,000**  
**Cows**  
will soon  
enable the  
annual production of

**50 Million Gallons**  
(DGE), which will provide  
**1,100 tons** of  
**NOx Reduction**