

At Proterra, we envision a future
of clean, quiet transportation for all.



PROTERRA

www.proterra.com

CH_003_2016



HELPING
CREATE A
CLEANER
EARTH



PROTERRA

Proterra is continually refining our designs and looking for innovative ways to reduce our impact on the environment. Proterra Catalyst[®] buses produce zero tailpipe emissions and decrease the dependency on fossil fuels. Per bus, emissions are reduced by an astounding 243,980 lbs. of CO² annually.

Each time a dirty diesel vehicle is replaced by a zero-emission bus, it has a positive effect on urban air quality.

Particulate matter from traditional transit buses contains numerous harmful gases and upwards of 40 cancer-causing substances. A typical diesel bus emits 300,960 lbs. of greenhouse gases annually, while a CNG bus emits 312,840 lbs./year and a diesel hybrid emits 221,760 lbs./year.

A switch to zero-emission buses, which emit no tailpipe pollution, presents a critical opportunity to improve the local environment, reduce oil dependence and make Earth a better place.

ANNUAL TAILPIPE EMISSIONS

	PROTERRA CATALYST [®]	CNG	HYBRID	DIESEL
GHG Greenhouse Gases (lbs)	0	312,840	221,760	300,960
CO² Carbon Dioxide (lbs)	0	208,560	158,400	243,980
CH₄ Methane (lbs)	0	85,455	103	158
CO Carbon Monoxide (lbs)	0	793	38	59
NO_x Nitrogen Oxide (lbs)	0	237	46	59
HC Hydrocarbon (lbs)	0	0	7	11
PM Particulate Matter (lbs)*	0	0	1	1
BC Black Carbon (lbs)	0	178	579	891

*PM includes PM2.5 and PM10.
Source: GREET Model Fleet Footprint Calculator and EPA Motor Vehicle Emission Simulator

Momentum for cleaner public transit is building in both big cities and smaller communities. If you would like to learn more about how you can move your community to adopt zero-emission transit vehicles, please:

- ▶ Reach out to your local transit agency to encourage a transition to a zero-emission fleet
- ▶ Follow Proterra on Twitter: @Proterra_Inc or on Facebook at www.facebook.com/ProterraInc

