

MINIMIZING PIPELINE GHG EMISSIONS

Liquid Energy Pipeline Association (LEPA)

LEPA recognizes climate change is a challenge and is committed to promoting innovations that minimize pipeline greenhouse gas (GHG) emissions while meeting the world's energy needs.

LEPA IS PROMOTING INNOVATIONS TO REDUCE PIPELINE GHG EMISSIONS & MEET ENERGY NEEDS



encouraging **improved pipeline operations** with a focus on GHG emissions



investing in **development and deployment of technologies** that reduce GHG emissions from pipeline operations



engaging in **research and development** to better understand and manage GHG emissions from pipelines



participating in the development of **responsible policies** that address climate change

PIPELINES PLAY A KEY ROLE IN DELIVERING THE AFFORDABLE ENERGY RELIED UPON BY AMERICAN FAMILIES, FARMERS AND WORKERS



ON THE ROAD

Gas for Cars and Diesel for Trucks and Buses

IN THE AIR

Jet Fuel Delivered to Airports

AT HOME

Home Heating Fuel and Propane Delivered to Cold-weather Areas

RURAL AREAS

Propane for Rural Homes and Agriculture

EXAMPLES OF PIPELINE OPERATORS REDUCING GHG EMISSIONS WHILE PROVIDING AFFORDABLE & RELIABLE ENERGY

REDUCING DIRECT EMISSIONS

Liquids pipelines use electricity to power most of their pumps, thereby avoiding direct GHG emissions from transporting energy products, unlike trucks or trains. Liquids pipeline operators are reducing direct GHG emissions through building energy efficiency and fleet conversion programs

REDUCING INDIRECT EMISSIONS

Pipeline operators focus on operating efficiently, which reduces the indirect emissions attributable to the electricity they consume. Such efficiencies can be achieved by using drag reducing agents, variable speed pumps, and product delivery strategies, which all help pipelines use less energy and reduce indirect GHG emissions

REDUCING 3RD PARTY EMISSIONS

Energy products delivered by pipelines allow consumers to replace dirtier fuels with cleaner burning and lower GHG emitting energy. An example is pipelines delivering U.S. propane to ports for export to help rural households in Asia and Africa reduce their cooking GHG emissions 96% compared to wood or biomass