Clean Diesel Powers State Economies, Provides American Jobs

WASHINGTON — The Diesel Technology Forum (the Forum) has released an analysis of the broad impact of clean diesel on state economies. A look through the Forum's searchable, state-by-state breakdowns and statistics shows how diesel powers each state's economy and is the backbone of its transportation systems.

For each of the 50 U.S. states, plus Washington, D.C., the new resource identifies the state's population of diesel-powered commercial trucks, marine vessels, transit and school buses, and light-duty vehicles; number of renewable fuel producers and stations; diesel fuel consumption; and diesel-related manufacturing and jobs. Each state page also features news and print-friendly fact sheets with infographics tailored for that state.

"With its unmatched combination of energy density, fuel efficiency, power and performance, the newest generation of clean diesel technology meets the increasing demands of truckers, construction companies and farmers while also delivering lower greenhouse gas emissions and cleaner air for everyone," said Allen Schaeffer, executive director of the Forum. "This new resource makes it easy for states to recognize the important role clean diesel technology has in our country's future."

Nationwide, clean diesel engines drive 15 key sectors of the U.S. economy, including agriculture, forestry, mining, construction, logistics, warehousing and other goods movement industries supporting retail and the larger manufacturing sector.

In 2016, manufacturing facilities across 14 states produced nearly 880,000 heavy-duty diesel engines. More than 33 percent (nearly 300,000) of these engines were manufactured by American companies in North Carolina. The production of diesel engines and the vehicles and equipment they power along with affiliated components, emissions control technologies, clean diesel fuel and advanced biofuels generate more than $455 billion in economic wealth, according to research commissioned by the Diesel Technology Forum. $46 billion of this U.S.-made technology reaches overseas markets. Nationwide, the diesel industry is responsible for generating more than 1.25 million American jobs; nearly 30,000 of these jobs are concentrated in Texas.

Diesel engine, vehicle and equipment manufacturers continue their record of innovation by making their products more efficient and sustainable, incorporating hybrid and electric drive components and renewable fuel capabilities, thereby ensuring a role in the future. Advanced emissions control systems, such as selective catalytic reduction (SCR) systems, ensure that the newest generation of clean diesel engines achieve near-zero levels of smog-forming compounds – reducing emissions by more than 90 percent over technologies manufactured just a decade ago.

Beyond manufacturing, each state's economy benefits from large workforce and training sectors dedicated to servicing and maintaining diesel engines, vehicles, equipment and fueling operations, along with the public and private services they provide that can be found in every community.

Diesel is the backbone of America's transportation systems, powering the movement of 90 percent of the country's freight tonnage. Ninety-five percent of heavy-duty commercial trucks on U.S. roads are manufactured in the U.S. The newest technology clean diesel trucks power 30 percent of commercial vehicles in the United States – almost 3 million Class 3 through 8 heavy-duty trucks – delivering significant emission reductions and substantial fuel savings.

Diesel is the predominant power source for public transit and intercity bus services nationwide.

Diesel-powered buses transport approximately 55 percent of America's elementary and secondary school students to and from school.

Diesel is the predominant powertrain used in marine operations including a wide array of work boats and passenger ferries.

Visit the Forum's website at https://www.dieselforum.org/in-your-state to find out how clean diesel plays a role in your state.