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On Behalf Of:

Committee: House Committee On Climate, Energy, and Environment

Measure, Appointment or Topic: HB3119

I am going to give you an EXPERTS, take on this bill, i am a gas and diesel mechanic, first off, diesel has higher energy density than gasoline, 20%more, it is more efficient, in that, less is burned to create the same energy, so when we speak of large truck, and equipment engines, to get the same output, a diesel, uses less fuel, to go the same distance..

Years ago, some may remember the site of trucks, climbing hill, spouting black coal smoke, this is all old history, with the advent of turbochargers, and electronic fuel management, these same trucks produce no visible emissions, engine engineers, have produced, low emissions clean burning engines.

You might ask, why we cannot use gas, in these applications, trucks and equipment, rely on torque , to move heavy loads, and start devices, torque is a combination, of the mass of moving parts, and the fuel energy that move them, diesels will make 25% or more greater torque than the same size gas engine, and burn at least 30% less fuel, this is the simple reasoning of why we so prevalently use diesel engine in heavy duty applications, smaller engine (cubic inches) higher torque, burns less fuel.

We currently do not have the technology, to replace the diesel engine, to ban them, would do nothing short of shut down the many industries that use them , construction, farming, logging, to name a few, these businesses, owners, and employees would be out of jobs overnight, our food chains will be disrupted, commerce will not move.

You also should keep in mind, California CARB, diesel prohibition, was to take affect, 1/14/25, they just came out, days prior to going into effect, stating, it was not going to happen, it would severely impact their state, essentially shut down commerce as written.

I have given a multitude of compelling reasons, not to prohibit diesel power, read carefully and reread, it will make sense, as to why, this is not the time, for this change, maybe 10-20 years down the road, we will have better engines, cleaner running, but for today, we need to continue with our current methods of powering heavy equipment.

Thank You For Your Considerations