

Gary Christensen

Mandating 100% EV by 2035 is possible but certainly not practical, sensible or viable. Gasoline or Diesel fuel are the backbone of the Agricultural Industry, of which WASHINGTON is the largest employer!

Electrical power to generate TORQUE with any lasting capacity is not possible in the foreseeable future. I operate a farm with tractors, choppers and trucks operating with over 450HP for over 12 hours non-stop during planting and harvest seasons. There is NO WAY electrical power can be mobile and uninterrupted (which is truly "mandatory").

With today's costs of operating a farm with ALL inputs raising faster than income it's certainly not possible to purchase new equipment to satisfy such a mandate. Washington will become a third world state, not because of lack of resources but like third world countries, people will not be able to afford Washington State impossible mandates. People will go even more hungry or pay astronomical prices for food from other countries (if its available) that do not have food safety rules.

I also wear a different hat than farmer. I am a fire commissioner in Washington state in a rural area that serves not only fire protection but also EMS responses. In order to provide fire ratings for tax payers to receive insurance premium reductions we have to replace every PUMPER Fire Apparatus every 20 years or sooner. We have just 7 "rated" engines in our district that covers over 500 square miles. Time is of the essence to get to the fire and then most importantly, be able to park and pump 1-2,000 gallons of water per minute. Electrical storage capacity for doing so is NOT POSSIBLE. We also have over 35 other vehicles that operate on diesel or gasoline with the same demand for instant and timely response capabilities.

When you start talking equipment or anything to do with emergency services the cost is \$80K to \$1M for each vehicle to replace it at today's prices and with the high rate of inflation it is increasing 10% or more each year. It is extremely difficult to keep apparatus replaced as it is but requiring (if it is even possible) to go all EV is a pipe dream and one that isn't financially feasible or possible.

Basic EV cars and pickups costing \$65K each puts private transportation out of the reach of most Washington residents and this is BASIC transportation not specialized bigger torque and longer storage capacity requirements.

Generation and distribution infrastructure to support this mandate will require unknown upgrades to support EV charging loads and will cost Billions as well as take years to satisfy the demand.

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