

## Sharon Kayne

Members and Commissioners: The internal combustion engine was first patented for industrial use in 1823 – exactly two hundred years ago. No matter the improvements made over the years in internal combustion engines, it is still dinosaur technology. It is still incredibly inefficient. The combustion of gasoline creates friction that the engine must overcome in order to move the car forward. EVs do not have this handicap, which is why people like to drive them. Gas cars also waste energy as we idle at red lights, in drive-throughs, and in stop-and-go traffic. EVs do not waste energy because they are simply better technology. As with all new technology, EVs are becoming cheaper to purchase. They have always cost less to own and operate than gas cars. New car dealers prefer gas-guzzlers because they make more money on maintenance. Think about that. Car dealers want you to buy a car that will cost you more money to maintain.

The gas-powered car came to the fore during the industrial revolution. And compared to the horse and buggy, they were revolutionary. But we're living in the technology revolution now. Better technology will out, and the gas-powered car will go the way of the dinosaur. The Advanced Clean Car rules put us on the right side of history. Thank you.