

**“Once you overcome the fear of something new, an EV is the better choice. When you put pencil to paper, owning an EV costs about half of what a gas car costs to operate.”**

*Reinhard Fischer, Volkswagen Senior Vice President*

**Some interesting numbers...**

**Fresh apples Grown Annually** U.S. 5 million tons China 50 million tons

**Ave. orchard/packing warehouse labor cost:** Washington State \$20+/hour China \$20/day

**Average electricity rates (kilowatt/hour)**

San Francisco \$.15 Washington State \$.08 Douglas County \$.03

**# of engine/motor + drive train moving parts:** ICE vehicle: 200+ Tesla Model 3 20

**Estimated Diesel Semi Operating Cost: (2017 data): \$1.70 per mile**

Driver \$.75 Fuel \$.35 Lease /Truck payments \$.25 Maintenance \$.20 Misc. \$.15

**Decibels:** Diesel semi 80+ Tesla semi ( much, much quieter )

**# of toxic air contaminants:** Diesel engine exhaust 40 Tesla semi 0

**Accident frequency:**

Tesla with Autopilot: 1 per 4.5 million miles US vehicle average: 1 per 500,000 miles

**California permits for testing autonomous vehicles**

With attendant in vehicle. 55 companies Without no-one in vehicle: 8 companies

**Apple's new M1 computer chip:** Increased the graphics processing speed 5X

**0 to 60 MPH with a fully loaded trailer:**

Diesel semi 40+ seconds Tesla semi 20 seconds