

Submitter: Bill Vivian

On Behalf Of:

Committee: Senate Committee On Energy and Environment

Measure, Appointment or Topic: SB1143

I heartily support SB 1143 due to the true science of energy efficient conversion. Approximately half of U.S. Liquefied petroleum gas, LPG is derived from oil, but no oil is imported specifically for LPG production. A gallon of LPG has 80% of the energy of a gallon of gasoline. However, the octane rating of LPG is around 110, so if the engine's timing & compression are adjusted for this, MPG will be improved. LPG is also far safer than gasoline in a crash scenario. Before the advent of hybrid cars, most of Australia's taxis used LPG, and regularly got around a million km out of their Ford and GM engines, where using petrol usually have an engine life of 500–600,000 km. LPG also burns very cleanly, far less emissions in the exhaust. Again I heartily support SB 1143 .