

INTRODUCTION OF A FUEL EFFICIENCY STANDARD IN AUSTRALIA

- the establishment of resources, systems and infrastructure required to support transition to EVs
- **Support Janus with there trials involving battery swapping in heavy haulage/interstate trucking.**
- **Support NRMA and other bodies that are doing the heavy lifting on supplying DC charging infrastructure.**
- **Support Tesla with the rollout of their wonderful DC charging stations. A good model of this is the partnership between NSW State Government and Tesla.**
- **Introduce an uptime percentage for charges, like in the USA, for example making it compulsory for EV charges to operate effectively for 99 percent of the time.**
- the impact of moving from internal combustion engine vehicles, including fuel excise loss, existing auto industry component manufacturers and the environment
- **This change is inevitable, and industries must adapt. Excise loss should be covered by the reduced money we have to spend on importing fossil fuels. Electrification of transport will lead to much more efficient energy use and will be a huge positive impact. Just think how happy the average punter will be when the realise they can make their own fuel, sustainably, cleanly through installing solar PVs on their roof. We need to get into the electrification transition as soon as possible and start manufacturing batteries and EVs because we have the minerals, expertise, component manufacturers and heaps of very cheap energy. I am very disappointed the Fuel Efficiency Standard (FES) has not already been installed in Australia. We need to stop us from being the dumping ground for inefficient vehicles. We need to stop the planet shooting past the goal of 1.5 degrees of warming. Please, let's not procrastinate.**
- the opportunities for fuel savings, such as by combining EVs with other consumer energy technologies and savings for outer suburban and regional motorists
- **Of course, EVs and V2G and V2H and V2X are an opportunity to solve many problems at once. Smart technology already being rolled out by firm like Octopus energy are smoothing out the fluctuations in the grid and providing the storage vitally needed in a grid penetrated by more share of renewables. I'm not sure why outer suburban and regional motorists get a mention as EVs, and allied electrification will benefit all drivers. When everyone realises you can charge from any Power Point and we get better selection of EVs to choose from by instigating a FES, people everywhere will flock to EVs. We need to keep up with the speed of the transition that is happening in other countries.**

- the impact on electricity consumption and demand
- **As I've mentioned, the impact on consumption and demand will be very positive. The battery storage provided to the grid, helping with FCAS and demand smoothing will more than offset the increase generation necessary. By the way, this surplus generation scenario will be partially solved by smart charging of EVs, instead of curtailment of generators.**
- the opportunities for expanding EV battery manufacturing, recycling, disposal and safety, and other opportunities for Australia in the automotive value chain to support the ongoing maintenance of EVs
- **As already mentioned, this transition to EVs and introduction of an FES will stimulate the economy and help people spend less money and create industries that will propel Australia back into the auto manufacturing industries especially battery manufacturing due to our vast resources of minerals required.**
- the impact of Australia's limited EV supply compared to peer countries, and
- **This will turn around very fast as the Chinese manufacturers are the biggest in the world and are on our doorstep and with the new FES, cars of the electric variety will become plentiful.**
- any other relevant matters
- Geopolitical tensions around the globe will be lessened when most countries will be able to manufacture their own fuel.
- We just need to get on with it and do what we said we would do as a government which is to:

INTRODUCE A FUEL EFFICIENCY STANDARD AS SOON AS POSSIBLE AND KEEP THE LABOUR GOVERNMENT'S INTEGRITY INTACT!!