



NATIONAL PUBLIC SECTOR FLEET MANAGEMENT CONFERENCE

Petrol Hybrid Trial Outcomes in Regional NSW

NSW Department of Industry

Who are Department of Industry

- Department of Industry leads NSW government's contribution to making NSW a prosperous state and a place where people want to live, work and businesses want to invest;
- Department of Industry has a very strong presence in regional NSW;
- The vehicle fleet is administered by Integrated Fleet Services in Orange;
- Total vehicle numbers managed through Integrated Fleet Services are almost 1,300 with a mix of passenger, light commercial and heavy commercial vehicles;
- Vehicles travel approximately 30M km's annually.

Aim of the Trial

- Prove that alternative fuel vehicles are a viable option in a regional setting;
- Identify staff acceptance/barriers to alternative fuel vehicles;
- Develop appropriate infrastructure for the vehicles;
- Understand issues/processes required to install supporting infrastructure;
- Demonstrate Government leadership.

Our EV Journey

- Initial discussions were held with both Mitsubishi Motors Australia and AGL;
- Approval was given for the lease of 7 Outlander Phev's;
- Identify the locations where the 7 vehicles would be located;
- Arrange the purchase and installation of the appropriate infrastructure at each location;
- Develop communications to staff around the introduction of the Phev's into the fleet.

In the News

DPI staff pool cars get an electric upgrade with three hybrid four-wheel drives



#rwnpinkcar



The Challenges

- *'Where is the extension cord????'*
- *'How do I drive them???'*
- *'The vehicle is too quiet in the carpark!!!'*
- Perception around the limited range on the vehicle when it comes to operating on electricity;
- Australian standards when it comes to the charging units;
- Cost to lease the vehicle.

The Benefits

- To date the 7 vehicles have travelled over 220,000km's;
- Vehicles are averaging 6.7lts/100km's in comparison to other similar class vehicles in our fleet that are averaging 9.3lts/100km's;
- Public perception around the trial;
- Ease with which the vehicles seamlessly transition from electric to petrol mode without the driver being required to do anything;
- Staff acceptance;
- Ease of charging the vehicles.

Where to now for Department of Industry

- Undertaking a review of all passenger vehicles that are due to be replaced;
- All vehicles will be replaced with the most appropriate alternative fuel vehicle for the location;
- Significant savings will be achieved in both fuel and CO2 emissions;
- All new offices currently under construction within Industry will have facilities for high speed charging of vehicles.

Any Questions

