



LEGISLATIVE ASSEMBLY
FOR THE AUSTRALIAN CAPITAL TERRITORY

QToN No. 19

STANDING COMMITTEE ON PUBLIC ACCOUNTS
Mrs Elizabeth Kikkert MLA (Chair), Mr Michael Pettersson MLA
(Deputy Chair), Mr Andrew Braddock MLA (Member)

Inquiry into Auditor - General's Performance Audit Reports January - June
2023

Question Taken on Notice (Committee)

Asked by: Mrs Elizabeth Kikkert MLA

Addressed to: Minister for Police and Emergency Services

Reference: UPT p 21

Hearing date: 09/11/2023

In relation to: AG Performance audit report 4/2023 and Lithium battery and cost of replacement and infrastructure

Question Lodgement Date: 09/11/2023

THE CHAIR: And so in terms of the hybrid truck, it has batteries in there for a life expectancy of eight to 10 years. And how much would it cost to replace it?

Mr Gentleman: I will have to take that on notice.

THE CHAIR: Probably, Ms Barrett, did I pronounce that okay? Could you add to the overall cost of things the infrastructure cost at the West Belconnen Fire Station? Is that where the hybrid truck is, with Belconnen? Or whatever station it is if you could add the infrastructure cost to that as well that would be fantastic.

Mr Gentleman: Can I say in regard to infrastructure costs for electric appliances, we are rolling those in to our new builds. So, the new Acton Station will have electric charging capability and the new station at Molonglo will also have electric and we will be retrofitting the other stations.

THE CHAIR: And can you add that into the cost? How much will it cost for the retrofitting on to the other stations? And how long does it take to charge the hybrid truck?

Mr Phillips: The hybrid truck, apologies. I will get that exact detail. Because it is hybrid it is continually charging as it is driving as well. So, the advantage of the fire truck is that it always returns to base. So, once it returns back to the station it will back on charge. From zero to 100 per cent I will have to take that on notice in regards to the full charge.

Mick Gentleman MLA: The answer to the Member's question is as follows:–

The life expectancy of the lithium-ion battery in the Hybrid Electric Fire Truck is 8 to 10 years. The lithium-ion battery in the Hybrid Electric Fire Truck replacement cost is approximately \$50,000 in today's market.

The retrofitting of charging facilities will cost approximately \$200k per station.

Charging the Hybrid Electric Fire Truck will take:

- 50 minutes from 20% to 100% from a static charger.
- 30 minutes from 20% to 100% from its own source (on board range extender).

Approved for circulation to the Standing Committee on Public Accounts

Signature:



Date: 20/11/2023

By the Minister for Police and Emergency Services, Mick Gentleman MLA