

LEGISLATIVE COUNCIL

Question On Notice

Thursday, 30 March 2023

1365. Hon Martin Aldridge to the Minister for Emergency Services

I refer to question without notice 332 in relation to the availability of Urban Pumps and your commitment of June 2022 that ten new Urban Pumps will be delivered by Christmas and DFES describing this as 'trucking brilliant' on social media, and I ask:

- (a) how many of the ten Urban Pumps have been delivered to date;
- (b) how many of the ten Urban Pumps are serviceable and available for deployment today;
- (c) please describe in detail the fault that was identified with the appliance type;
- (d) please describe in detail the solution that was applied to the fault identified;
- (e) was any additional cost borne by DFES or the State Government in applying the solution to the fault identified;
- (f) if yes to (e), what was the cost;
- (g) was any penalty applied to the manufacturer in relation to the delivery of faulty fire appliances to DFES;
- (h) if yes to (g), what was the penalty;
- (i) how many operational incidents were attended by the newly delivered Urban Pumps where the fault was identified or occurred;
- (j) please table any vehicle fault report that was issued in relation to the fault;
- (k) please table any email, document, safety report or related notification arising from the identified fault;
- (l) what is the cost of procuring each of the Urban Pumps with and without stowed equipment;
- (m) does the Minister agree with DFES that the Urban Pump replacement program is 'trucking brilliant';
- (n) how many Volunteer Fire and Rescue Service stations are expected to receive Urban Pumps; and
- (o) of those identified in (n), please identify the type of appliance that is expected to be replaced by an Urban Pump?

Answer

- a) Five (5)
- b) Four (4)
- c) The root cause was identified as a fault within the appliance's electrical system. This was due to a combination of the input module of the Class 1 control system momentarily shutting down when there was an over-voltage input above 30 volts and the use of non-Original Equipment Manufacturer (OEM) batteries.
- d) A replacement input module has been obtained with an increased over-voltage protection level and OEM batteries have been retrofitted.
- e) Yes
- f) Contractual costs are considered commercial in confidence.
- g) No
- h) Not applicable

- i) One (1)
- j) See tabled paper no. #
- k) See tabled paper no. #. Other documents requested are commercial in confidence.
- l) Contractual costs are commercial in confidence.
- m) The Urban Pump replacement program has been designed to ensure career firefighters and volunteers, whose stations are allocated an Urban Pump are provided with appliances that are equipped with modern technology and safety features. There have also been significant local content outcomes and we continue to support capacity in the WA supply chain.
- n) There are currently sixty-two (62) Volunteer Fire and Rescue Service brigades on the Fleet Replacement Program planned to receive Urban Pumps.
- o) Currently, 3) will receive an Urban Pump Type 1, 18 will receive an Urban Pump Type 2, and 47 will receive an Urban Pump Type 3.



Hon Stephen Dawson MLC

**MINISTER FOR EMERGENCY SERVICES
DIGITAL ECONOMY; MEDICAL RESEARCH; VOLUNTEERING**

Urban Pump Type 1 – PTO Online Hazard Reports

Date	Description	Station	Status
18 Jan 2023	At incident 605493, while actively extinguishing a bushfire with a line of 60/40 hose. UP40 had a PTO issue where it disengaged on it's own. This caused an instant water loss to the branch. After retreating to a safe area and returning to the pump, SO Biggs and I were unable to engage the PTO twice. We isolated the batteries for 30 seconds then reinstated the power, after this we were able to get the PTO to engage.	Welshpool	Open
2 Nov 2023	While training on UPHR41 the crew attempted to put vehicle into pumping mode. PTO would not engage despite extensive fault finding and multiple attempts. A fire call was received during this event and we were required to mobilise a second station due to no pumping capacity available to UPHR41	Midland	Closed
22 Nov 2023	on the first day shift i was conducting the morning checks on UP 40 . I went to engage the pump. the PTO audibly sit seem to engage but on further investigating and fault finding the PTO engaged but the indicators such as the buttons that turn the PTO on did not light up green but red. The LED screen said it was right to pump. When I got to the pump panel. The LED light cluster that has the on/off button was not lit up and when I pressed them they would not turn on. The throttle would not work either. A technician came out to assess the issue but could not pinpoint the the cause and did acknowledge there is an issue. This is not the first time there has been issues with the PTO. If need a video of the problem is available.	Welshpool	Open

Maintenance Work Order

Plant No: 000
Work Order: C161904

C161904

"ON WARRANTY"

Date: 11/04/2023 14:27:53

Project ID:
Slot Number:
Parent Asset No:
Asset Number: UPHR41
Audit Code: VEHICLE MODIFICATION
Asset Location: Midland CFRS (4006)
Rego - UVI - Desc: 1QCG952 - U106032
Chg CC-Lab Acct: 437-274
Originator:
Phone:
Work Group: FLT MAINTENANCE
Supervisor ID:
Assigned To:
Planner ID:

Plan Priority: 2
Safety: N
Asset Type: Vehicle
Asset Code: FLEET
Work Location: METROPOLITAN
Origination Date: 8/12/2022 14:32
Due Date: 10/12/2022 14:32
Schedule Date:
Closed Date:
Work Area Region: METROPOLITAN
Fault Code: PTO
Work Type: WARNT
Status: IWW
Compliance Type:

Work Requested: Power Take Off (PTO) Issues/Fault

Fire Fighters have reported the PTO dropping out whilst engaged and pumping, Decion has been made to pull the appliance from service until a investigation and suitable repair has been completed.

Supprt Requirement:

Meter Reading: _____

CORRECTIVE ACTION

With
 for investigation and repair

Completed By: _____

Completed Date: ____/____/____

SIGN OFF: Production ____/____/____ : ____

Maintenance: ____/____/____ : ____

Signed: _____

Signed: _____

STATUS CHANGES

Status: ____ Date: ____/____/____ Time: ____:____

Status: ____ Date: ____/____/____ Time: ____:____

LABOR

Employee Id	Activity Code	Craft	Hours	Type
-------------	---------------	-------	-------	------

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

MATERIAL

Stock No	Qty	Account
----------	-----	---------

_____	_____	_____
_____	_____	_____
_____	_____	_____