Comments regarding to HDV GTR

prepared by JAPAN

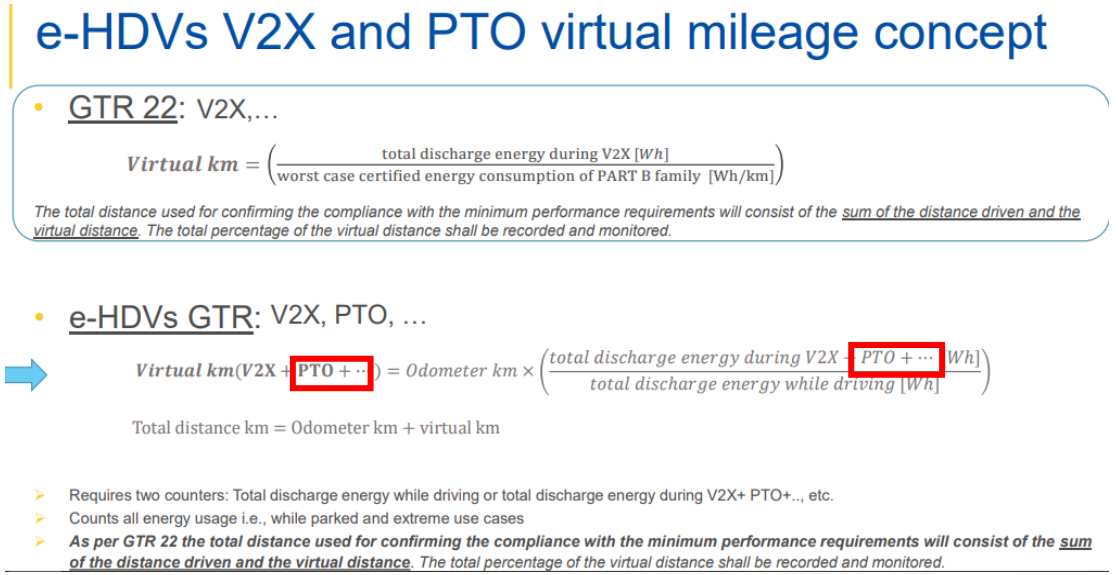
61st EVE IWG

25th & 26th April, 2023

EVE-61-ZZe

1. In the "e-HEVS GTR: V2X , PTO, … virtual mileage concept" [EVE-60-05e] presented by JRC at the 60th EVE-IWG

- **Energy consumption for operating the "PTO" :**
  power unit for operating mounted equipment, communication equipment, various lamps, etc.
- **Energy consumption "•••"**
  that is not related to driving other than PTO:
  head lumps, wipers, air conditioning for drivers and bus passengers, destination boards, etc.
  The device and functionality to individually measure and store the data would be standard equipment in all HD vehicles.
  - Standard installation of energy consumption measurement devices for non-driving applications is not thoroughly implemented by HD-OEM.



<JAPAN comments>

Considering the unique configurations and/or functionalities of HD vehicles,
Japan is under the discussion on the possibility to apply the battery energy throughput instead of mileage for MPR criteria. Japan plans to collect the market data (up to approximately 10 samples) for initial analysis by August 2023.

<Request to JRC>

It'd be appreciated if JRC also provide the following information from the market to help our analysis.

✓ the discharged energy of V2X, PTO
✓ vehicle odometer