TO:	☒ Teams ☒ Manufacturers
CATEGORY:	☒ Hypercar ☐ LMP2 ☐ LMGTE Am

DECISION N°: **WEC_2023_D0026_Hypercar_Refuelling**

DATE: 01/03/2023   **FROM:** The WEC Committee

SUBJECT: Hypercar refuelling

APPLICABLE REGULATION

☒ *2023 Le Mans Hypercar Technical Regulations*
☒ *2023 LMDh Technical Regulations*

DECISION

1- During the race, the maximum cumulative deployed energy per stint (PPUEnergyStint) must be lower than the value described in the BOP table. The oversight will be based on the principle of a virtual energy tank store represented as PPUEnergyTank in the strategy.

2- The energy consumption will be calculated from the integral of the driveshatft torque sensors.

3- That energy will be considered from pit-out to pit-in.
For the first stint, the energy will count from the start-finish line at the start of the race (PPUEnergyTank = PPUEnergyStint).

4- For last stint, the energy calculation will stop at on the finish line at the chequered flag.

5- If PPUEnergyTank drops below 0 a penalty will need to be taken following infringement table in Appendix 4 of WEC 2023 Sporting Regulations and the deficit of PPUEnergyTank needs to be compensated at next pitstop at the rate defined by PPUEnergyFlow.

6- When the refueling hose is connected PPUEnergyTank will increase by the rate defined by PPUEnergyFlow in MJ/s which corresponds to PPUEnergyStint/40s.

7- At each refueling connection the car must be connected by an 'additional docking time' before triggering the PPUEnergyTank refill. This is to compensate for different car technologies.
This 'additional docking time' will not count for the PPUEnergyTank calculation and will be defined in the BoP.

8- It is the Competitor's responsibility to ensure that the sensor's signal is correct. Any failure to do so will result in an immediate obligation to fix the problem. Any power cycle done during refuelling will result in a not compliant refuelling time.

PERIOD OF VALIDITY/APPLICATION OF THE DECISION

This decision comes into effect:
☒ **with immediate application**
☐ from:

And is applicable:
☒ **until further notice**
☐ for the mentioned event(s) only