
Suggestion for EVE's working approach on power determination of HEV

Japan

(22nd EVE Meeting – April 10-11th, 2017)

Background

Mr. Holdik(Germany) and Mr. Choi(Korea) had led the subgroup of power determination of HEV in Part. A.

The re-organization of leading team of the subgroup in Part. B is requested.

On the other hand, ISO activities on the same subject is ongoing and many EVE's experts are involved in the activities.

(point: The ISO's method will be the base of reference method which EVE will construct.)

Suggestion

Japan suggests:

- The leading team of EVE should take care of subject of the power determination.
- EVE should concentrate on the reference method as it's top priority.
 - => This will help us on drafting work for GTR15 amendments because the actual working duration will be limited after the DIS of ISO will be available in Nov. 2017.

Applying the HEV system power test method to WLTP

Also, EVE needs to suggest WLTP IWG to take care of the implementation of the reference method on GTR15.

Some issues are already found. (Next page)

Applying the HEV system power test method to WLTP

For example, there are some cases of the differences on maximum power in CD / CS of OVC-HEV

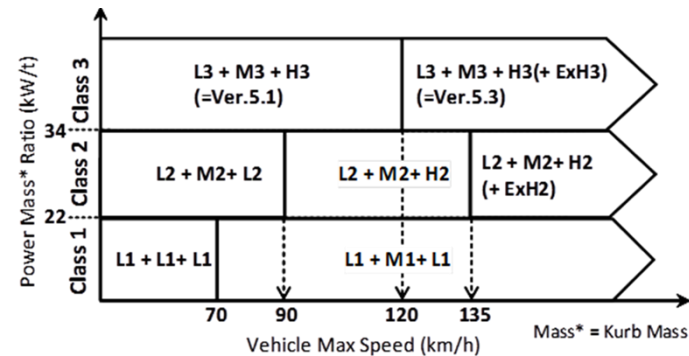
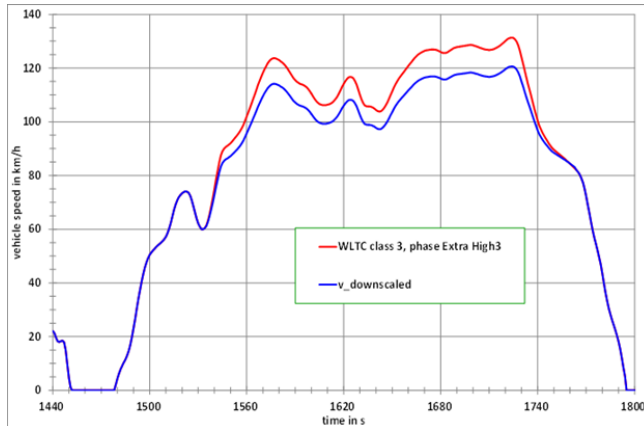
ex. range extender EV

>the ICE power is smaller than the MOT power of the CD

>the ICE is prohibited on CD and it is smaller than the power of CS

>Vehicle classifications

>down scaling



>cycle trace and end of the charge-depleting Type 1 test

Schedule

