



Steward's Determination #1

Concerning '*Auxiliary panels that are deployed only when the vehicle is stationary*'

Background:

Regulation D.4 states:

Auxiliary panels that are deployed only when the vehicle is stationary are not permitted.

The question arises as to whether the use of additional reflective components when employing such creative technology as concentrator cells, offends the regulation.

Determination:

The original intent of this regulation concerned additional pv components deployed for static charging. In effect, this relates to anything which is designed or intended to increase the quantity of solar radiation collected when the vehicle is stationary over that which the car is capable of collecting when moving.

In this context therefore and to meet the intent of this regulation, anything which is not part of the 'running array' (itself comprising those components designed or intended to collect direct solar radiation as part of the normal operation of the solarcar) will be defined as *auxiliary panels*.

Therefore such items as reflectors, reflective surfaces, lenses, additional pv or other components designed or intended to increase the quantity of solar radiation collected during static charging, especially anything which does not 'see' the sun during normal operation, is not allowed.

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