



NASC2005

Fuel Cell / Energy Storage Proposals

If your team is considering using a fuel cell, fly wheel, or other non-standard energy storage method in NASC2005, you will need to submit information about the system in advance of Scrutineering.

We would like proposals by **September 15, 2004** so we have adequate time to review them for safety and fairness. Teams with non-standard systems that do not submit proposals risk being denied participation in Scrutineering and the Rayce.

Proposals do not need to be lengthy. Please describe the technologies used, including the technical and safety aspects. For fuel cell systems, describe the fuel storage and transfer plans. You may submit an initial draft of your plan and refine the details as available.

Please note: In order to compete in NASC2005, your system will need to meet Regulation 5.8.1 (5.8.2 for two seater) and/or Regulation 5.8.6.

Systems meeting 5.8.1 will be reviewed to compare the energy available to approximately 5 kWh (6 kWh for two seater). Any fuel and fuel containers used during the Rayce must be carried by the solar car at all times.

Systems meeting 5.8.6 must be designed to be re-zeroed before the start of every racing day. (This would be a temporary storage method that is not counted as part of the main battery pack.)

Demonstration Vehicles: If you would like to use a fuel cell system that does not meet Regulation 5.8.1/5.8.2 or 5.8.6, you will not be able to enter as a competitor in NASC2005. You may be able to accompany the event and display your vehicle at checkpoints, but your vehicle will not be competing in the event and there may be some restrictions to your activities relative to the event. Proposals should be submitted for demonstration systems.

Proposals should be sent to teaminfo@americansolarchallenge.org.

If you have any questions, please contact teaminfo@americansolarchallenge.org (800.606.8881).

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