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Supply and Availability Outline (Topics 6 & 7)

The purpose of this outline is to inform Panelists of staff's initial findings and analysis related to the topic below. Staff proposes to use this and similar outlines to develop the white papers/chapters of the review report due to the Board in December 2011. Please review this outline and identify where data are insufficient and what data are necessary to meet the requirements of the regulation review. This outline is meant to be a high-level overview of the topic; more detail will follow in subsequent white papers/chapters.

- I. Supply and Commercialization
 - A. Background on topic
 - 1. Introduction
 - 2. Impact of RFS2 on fuel volumes
 - 3. Current blend limits
 - 4. The scope of each review shall include, at minimum, consideration of the following areas: **(6) an assessment of supply availabilities and the rates of commercialization of fuels and vehicles.**
 - B. Supply and commercialization of gasoline and gasoline alternatives, including infrastructure
 - 1. Gasoline (E10)
 - 2. E85
 - 3. Natural gas (LDV)
 - 4. Electricity
 - 5. Hydrogen
 - C. Supply and commercialization of diesel and diesel alternatives, including infrastructure
 - 1. Diesel
 - 2. Biodiesel
 - 3. Renewable diesel
 - 4. Natural gas (HDV)
 - D. Vehicle technology and commercialization
 - 1. Gasoline alternative vehicles
 - 2. Diesel alternative vehicles
 - 3. Electric vehicles
 - E. Analysis of if there is enough fuel to meet the compliance schedule
- II. Impact on State Fuel Supplies
 - A. Background on topic
 - 1. Introduction
 - 2. Discussion on fuel pool diversity

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3. The scope of each review shall include, at minimum, consideration of the following areas: **(7) The LCFS program's impact on the state's fuel supplies.**
- B. Potential future demand for fuels
 1. Gasoline and gasoline alternatives
 2. Diesel and diesel alternatives
 - C. LCFS impact on supplies and ability to meet demand
 1. Gasoline and gasoline alternatives
 2. Diesel and diesel alternatives
- III. Ways to Monitor in the Future
- IV. Conclusions