

ERS Peer Review Plan

Preliminary Title: The Current State of Sustainable Aviation Fuel from Biofuels in the U.S.

Type of Report (ERR, EIB, EB) EIB

Agency: Economic Research Service [X] Influential Scientific Information
USDA [] Highly Influential Scientific Assessment

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Subject of Review: The public and private sectors have signaled they want to reduce greenhouse gas emissions from the aviation industry. Various State and Federal government policies have been issued to incentivize the production and consumption of sustainable aviation fuel, an umbrella term for a suite of biofuels that can be used to replace conventional, petroleum-based jet fuel. Sustainable aviation fuel can be produced from multiple feedstocks including alcohols, such as ethanol; vegetable oils; and other fats and greases. While sustainable aviation fuel currently accounts for only a fraction of a percent of total U.S. jet fuel consumption, meeting public and private sector goals for increased consumption could have significant impacts on sustainable aviation fuel feedstocks. This report provides an overview of the current state of the U.S. sustainable aviation fuel market and provides details on sustainable aviation fuel production processes, historical consumption, and State and Federal policies intended to incentivize the production and consumption of sustainable aviation fuel.

Purpose of Review: The purpose of the review is to ensure the high-quality of the economic analysis, transparent explanation of methods, objective interpretation of results, and effective communication to the intended audience.

Type of Review: [] Panel Review [X] Individual Reviewers
[] Alternative Process (Briefly Explain):

Timing of Review (Est.): Start: 7/11/2024 Completed: -----

Number of Reviewers: [X] 3 or fewer [] 4 to 10 [] More than 10

Primary Disciplines/Types of Expertise Needed for Review: Economists

Reviewers selected by: [X] Agency [] Designated Outside Organization

Opportunities for Public Comment? [] Yes [X] No
If yes, briefly state how and when these opportunities will be provided:
How:

