

PMC-EF2a

(20102)

**U.S. DEPARTMENT OF ENERGY
EERE PROJECT MANAGEMENT CENTER
NEPA DETERMINATION**



RECIPIENT:Mercedes-Benz Research & Development, North America

STATE: CA

PROJECT TITLE : Light-Duty Fuel Cell Electric Vehicle Validation Data

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000625	DE-EE0005971	GFO-0005971-001	GO5971

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

A9 Information gathering, analysis, and dissemination	Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)
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Rational for determination:

The U.S. Department of Energy (DOE) is proposing to provide federal funding to Mercedes-Benz Research and Development, North America (MBRDNA) to track the progress of fuel cell electric vehicles (FCEVs) for up to five years. The proposed objective is to collect and submit real-world vehicle performance data and, if available and plausible, provide dynamometer data to the National Renewable Energy Laboratory (NREL) for analysis and aggregation into composite data products, which would be utilized to validate the performance of FCEVs. DOE funding would be used for information gathering, analysis and dissemination activities only.

MBRDNA would provide DOE with engineering data from Generation II and Generation III vehicles. The Gen II vehicles would be subjected to real-world operation in Southern and Northern California. These vehicles would maintain customer operation and would be utilized in day-to-day operation with a variety of driving conditions, terrain and temperatures. The Gen III vehicles would be under an expedited mode, with Gen III FCEV operated internally on routes specifically selected to simulate real world conditions in regions that would provide a range of climate, terrain and traffic. All of the vehicles would be equipped with a Fleet Data Acquisition (FDA) system that will automatically collect data.

Based on review of the project information and above analysis, DOE has determined the activities would not have a significant individual or cumulative impact to human health and/or environment. DOE has determined the proposed project is consistent with the actions contained in DOE categorical exclusion A9 "information gathering, analysis, and dissemination," and is categorically excluded from further NEPA review.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

If you intend to make changes to the scope or objective of your project you are required to contact the Project Officer identified in Block 11 of the Notice of Financial Assistance Award before proceeding. You must receive notification of approval from the DOE Contracting Officer prior to commencing with work beyond that currently approved.

Note to Specialist :

Kelly Daigle 12/13/2012

