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[6450-01-P]

DEPARTMENT OF ENERGY

10 CFR Part 460

[Docket Number EERE-2009-BT-BC-0021]

RIN: 1904-AC11

Energy Conservation Program: Energy Efficiency Standards for Manufactured Housing

AGENCY: Office of Energy Efficiency and Renewable Energy, Department of Energy.

ACTION: Request for information.

SUMMARY: The U.S. Department of Energy (DOE) has initiated the process to develop and publish energy efficiency standards for manufactured housing, as directed by the Energy Independence and Security Act of 2007 (EISA). To facilitate this process, enhance the quality of the standards and supporting documentation, and to allow interested parties to provide comments and information, DOE is publishing this request for information (RFI). DOE specifically is interested under this RFI in receiving information that relates to solar heat gain coefficient (SHGC) and window fenestration pertaining to manufactured housing for consideration under the proposed rule that currently is in development.

DATES: Written comments and information are requested on or before **[INSERT DATE 30 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER]**.

For information on how to submit or review public comments, contact Ms. Brenda Edwards, U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, Building Technologies Program, Mailstop EE-5B, 1000 Independence Avenue, SW, Washington, DC 20585-0121. Telephone: (202) 586-

B. Background

On June 13, 2014, DOE published a notice of intent to establish a manufactured housing working group (MH working group) to discuss

BC-0021-0107, p. 3, Recommendation 5. For more information RQ WKH 0+ ZRUNLQJ JURX

recommendations, please refer to the complete term sheet posted in the public docket. *See*

EERE-2009-BT-BC-0021-0107.

II.

EERE-2009-BT-BC-0021-0107.

For simulation of manufactured housing energy use, DOE used the EnergyPlus 5.0 software that was also used for energy simulation analytical support during meetings of the MH working group. EnergyPlus 5.0 is a detailed whole-building energy modeling tool that is useful for simulating the heating, cooling, and ventilation loads in a building. To simulate manufactured home energy use, DOE created a representative manufactured home using typical construction assumptions such as building geometry and framing member size. These assumptions are the same as those used for energy simulation during the MH working group process.

listed in Table II.1.

Table II.1 10-year Cost-of-Ownership Savings Results

		Single Section 10-year Total Cost-of-Ownership Savings			Double Section 10-year Total Cost-of-Ownership Savings		
Climate Zone	City	SHGC 0.25	SHGC 0.30	SHGC 0.33	SHGC 0.25	SHGC 0.30	SHGC 0.33
1B	Atlanta	$1,030	$1,046	$1,036	$2,003	$2,028	$2,007
1B	Charleston	$734	$746	$726	$1,479	$1,497	$1,460
1B	Jackson	$928	$942	$925	$1,807	$1,830	$1,799
1B	Birmingham	$836	$854	$842	$1,652	$1,681	$1,658
2	Memphis	$962	$974	$962	$1,736	$1,757	$1,733
2	El Paso	$828	$830	$793	$1,524	$1,528	$1,461
2	San Francisco	$179	$197	$195	$504	$532	$520
2	Baltimore	$1,240	$1,265	$1,281	$1,996	$2,037	$2,059
2	Albuquerque	$927	$934	$920	$1,702	$1,714	$1,682

Based on the 10-year cost-of-ownership savings results, DOE concludaTJETf362.95 495.91 0.48001 11.5

W73.3indow F/F1 45nhip stra42922 5.4ownEn 11.hip rg 6 fi 11.f ef/F 0 1 P owo)-6(g)(, r)-6(a429m TJETBT1 0 0 1 3325T318 efficiency of IGUs in manufactured homes or insuring the efficiency of IGUs in manufactured homes in connection with voluntary window fenestration labeling programs.

3. DOE requests comment on any other issues related to the regulation of window fenestration in manufactured housing.

III. Submission of Comments

430.5HE

DOE invites all interested parties to submit in writing by **[INSERT DATE 30 DAYS AFTER DATE OF PUBLICATION IN THE**

DOE considers public participation to be a very important part of the process for developing energy efficiency standards for manufactured housing. DOE actively encourages the participation and interaction of the public during the comment period at each stage of the rulemaking process. Interactions with and between members of the public provide a balanced discussion of the issues and assist DOE in the rulemaking process. Anyone who wishes to be added to the DOE mailing list to receive future notices and information about this rulemaking should contact Ms. Brenda Edwards at (202) 586-2945, or via e-mail at Brenda.Edwards@ee.doe.gov.

Issued in Washington, DC, on February 3, 2015.

Kathleen B. Hogan
Deputy Assistant Secretary for Energy Efficiency
Energy Efficiency and Renewable Energy