



**Department of Energy**  
Washington, DC 20585

ASSISTANT SECRETARY OF ENERGY  
FOR ENERGY EFFICIENCY AND RENEWABLE ENERGY

MEMORANDUM OF DECISION

**SUBJECT: Determination of inapplicability (waiver) of section 1605 of the American Reinvestment and Recovery Act of 2009 (Recovery Act Buy American provisions) to EERE-funded projects for motorized automatic two (2) wing revolving doors; self-contained photovoltaic LED area lighting systems; ultrasonic directional sensors and DC300 facility controllers for a parking guidance system; load management ripple control receivers for an existing load management system; and LED tube lights to replace T8 fluorescents that meet the April 2010 DOE recommended performance specifications.**

Under the authority of Recovery Act, Pub. L. 111-5, section 1605(b)(2), the head of a Federal department or agency may issue a "determination of inapplicability" (a waiver of the Buy American provision) if the iron, steel, or relevant manufactured good is not produced or manufactured in the United States in sufficient and reasonably available quantities and of a satisfactory quality ("nonavailability"). On November 10, 2009, the Secretary of Energy delegated the authority to make all inapplicability determinations to the Assistant Secretary for Energy Efficiency and Renewable Energy (EERE), for EERE projects under the Recovery Act. Pursuant to this delegation the Assistant Secretary, EERE, has concluded that motorized automatic two (2) wing revolving doors; self-contained photovoltaic LED area lighting systems; ultrasonic directional sensors and DC300 facility controllers for a parking guidance system; load management ripple control receivers for an existing load management system; and (5) LED tube lights to replace T8 fluorescents that meet the April 2010 DOE recommended performance specifications qualify for the "nonavailability" waiver determination.

EERE has developed a robust process to ascertain in a systematic and expedient manner whether or not there is domestic manufacturing capacity for the items submitted for a waiver of the Recovery Act Buy American provision. This process involves a close collaboration with the United States Department of Commerce National Institute of Standards and Technology (NIST) Manufacturing Extension Partnership (MEP), in order to scour the domestic manufacturing landscape in search of producers before making any nonavailability determinations.

The NIST MEP has 59 regional centers with substantial knowledge of, and connections to, the domestic manufacturing sector. MEP uses their regional centers to 'scout' for current or potential manufacturers of the product(s) submitted in a waiver request. In the course of this interagency collaboration, MEP has been able to find exact or partial matches for manufactured goods that EERE grantees had been unable to locate. As a result, in those cases, EERE was able to work with the grantees to procure American-made products rather than granting a waiver.

Upon receipt of completed waiver requests for the five products in the current waiver, EERE reviewed the information provided and submitted the relevant technical information to the NIST MEP. The MEP then used their network of nationwide centers to scout for domestic manufacturers. The NIST MEP reported that their scouting process did not locate any domestic manufacturers for these exact or equivalent items.

In addition to the MEP collaboration outlined above, the EERE Buy American Coordinator worked with labor unions, trade associations and other manufacturing stakeholders to scout for domestic manufacturing capacity or an equivalent product for each item contained in this waiver. EERE also conducted significant amounts of independent research to supplement MEP's scouting efforts, including utilizing the solar experts employed by the Department of Energy's National Renewable Energy Laboratory. EERE's research efforts confirmed the MEP findings that the goods included in this waiver are not produced in the United States in sufficient and reasonably available quantities and of a satisfactory quality.

The nonavailability determination is also informed by the inquiries and petitions to EERE from recipients of EERE Recovery Act funds, and from suppliers, distributors, retailers and trade associations—all stating that their individual efforts to locate domestic manufacturers have been unsuccessful.

Specific technical information for the manufactured goods included in this non-availability determination is detailed below:

- (1) Motorized automatic two (2) wing revolving doors which meet the following:
  - open via the motor upon a fire alarm to accommodate smoke evacuation; retract to full open position under Fire Alarm status and remain in the open position until the alarm is cleared
  - Americans with Disabilities Act compliant
  - Possess both sliding and swinging door that allows entry/exit through the sliding doors while the revolving section is being serviced
  
- (2) Self-contained photovoltaic LED area lighting system which meet the following:
  - Non-corrosive, stainless steel, powder-coated anti-weathering shell.

- Free from sail effect
- Flat plate lens optics with directional lamp lens
- Dark sky capability
- Full cutoff conformity

(3) Ultrasonic directional sensors and DC300 facility controllers for a parking guidance system which integrates with American designed intelligent parking guidance system software allowing real-time updates to a central location and via the internet

(4) Load Management Ripple Control Receiver for an existing load management system (only when upgrading an existing system manufactured by Landis + Gyr (formerly Enermet AG))

(5) LED tube lights to replace T8 fluorescents that meet the April 2010 DOE recommended performance specifications, available at [http://apps1.eere.energy.gov/buildings/publications/pdfs/ssl/t8\\_replacement\\_lamps.pdf](http://apps1.eere.energy.gov/buildings/publications/pdfs/ssl/t8_replacement_lamps.pdf)

In light of the foregoing, and under the authority of section 1605(b)(2) of Public Law 111-5 and Redesignation Order 00-002-01C, dated November 10, 2009, with respect to Recovery Act projects funded by EERE, I hereby issue a “determination of inapplicability” (a waiver under the Recovery Act Buy American provision) for motorized automatic two (2) wing revolving doors; self-contained photovoltaic LED area lighting systems; ultrasonic directional sensors and DC300 facility controllers for a parking guidance system; load management ripple control receivers for an existing load management system; and (5) LED tube lights to replace T8 fluorescents that meet the April 2010 DOE recommended performance specifications, meeting the specifications detailed above in (1) through (5).

This waiver determination is pursuant to the delegation of authority by the Secretary of Energy to the Assistant Secretary for Energy Efficiency and Renewable Energy with respect to expenditures within the purview of her responsibility. Consequently, this waiver applies only to EERE projects carried out under the Recovery Act.

Furthermore, I reserve the right to revisit and amend this determination based on new developments or changes in the domestic manufacturing capacity for these five product types.



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Cathy Zoi  
Assistant Secretary  
Energy Efficiency and Renewable Energy  
U.S. Department of Energy

Date: 7/30/10