

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



OFFICE OF  
AIR AND RADIATION

June 25, 2012

Dear ENERGY STAR® Uninterruptible Power Supply (UPS) Partner or Other Stakeholder:

The U.S. Environmental Protection Agency (EPA) is proposing a minor addition to the requirements for diesel-rotary UPS (DRUPS) systems under the UPS Version 1.0 specification. To the extent diesel engines contained in DRUPS are subject to the Clean Air Act (CAA), the Agency wants to ensure that products labeled as ENERGY STAR have met their CAA obligations by requiring a demonstration of compliance.

Under CAA regulations applicable to manufacturers, owners and operators of stationary, diesel-powered, emergency backup generators, manufacturers of 2007 model year and later stationary diesel engines with a displacement less than 30 liters per cylinder are subject to pollutant emission limits and are required to obtain a certificate of conformity. EPA is adding language to the UPS Version 1.0 specification requiring a demonstration of CAA compliance for all engines within a qualified DRUPS family. Presentation of a certificate of conformity for the engine in the UPS family's representative model would be sufficient demonstration.

**Proposed Addition to the Version 1.0 UPS Specification**

Section 1.L and Section 3 of the Version 1.0 ENERGY STAR UPS specification are being modified as follows:

L) Product Family: A group of product models that are (1) made by the same manufacturer, (2) subject to the same ENERGY STAR qualification criteria, and (3) of a common basic design. For UPSs, acceptable variations within a product family include:

- 1) Number of installed modules;
- 2) Redundancy;
- 3) Type and quantity of input and output filters;
- 4) Number of rectifier pulses;
- 5) Energy storage system capacity;
- 6) For any diesel coupled rotary UPS, the diesel engine's make, model, and capabilities may vary. If sold in the US, all such engines must meet the requirements in Section 3.7 below.

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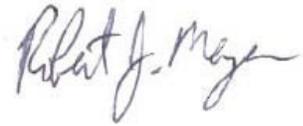
**3.7 Diesel Coupled Rotary UPS Emissions Requirements**

3.7.1 Diesel coupled rotary UPS systems intended for sale in the US must demonstrate that their diesel engines are in compliance with Clean Air Act regulations, 40 CFR part 60 subpart IIII. Compliance may be demonstrated via presentation of a certificate of conformity with this regulation. Systems intended for sale outside the US are not subject to this requirement.

If you have comments or concerns about this change, please submit them to [ups@energystar.gov](mailto:ups@energystar.gov) by **July 11, 2012**. EPA intends to finalize and post the revised Version 1.1 UPS specification by the end of July. Please direct questions to [Meyers.Robert@epa.gov](mailto:Meyers.Robert@epa.gov).

Thank you for your continued support of the ENERGY STAR program.

Sincerely,

A handwritten signature in black ink that reads "Robert J. Meyers". The signature is written in a cursive style with a large initial 'R' and 'M'.

Robert Meyers

Product Manager

ENERGY STAR for UPSs