



Department of Energy

Washington, DC 20585

June 7, 2013

VIA EMAIL

Ms. Mariah Steele
ENERGY STAR Program
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Room 62023
Washington, DC 20460

Dear Ms. Steele:

The U.S. Department of Energy ("DOE") selected an Edgestar-brand dehumidifier, model DEP400EW, for testing as part of DOE's ENERGY STAR[®] Verification Testing Program. On October 24, 2012, DOE notified the manufacturer of this model, [REDACTED], that the model did not meet the minimum energy factor required for a model of its capacity according to the applicable ENERGY STAR specification.

[REDACTED] replied to DOE representatives and raised two concerns with the DOE testing. DOE has considered these concerns and found that they did not impact the validity of DOE's test results.

First, based upon the pictures provided by DOE, [REDACTED] questioned whether the units were tested one foot away from the psychrometer in accordance by AHAM standard DH-1 (7.4). In response to this, the test laboratory has confirmed that all dehumidifier units were tested one foot from the psychrometer.

Second, [REDACTED] questioned whether the condensate was collected properly. In accordance with the test procedure, DOE used the internal condensate collector shipped with the test unit as per the test procedure.

Based on DOE's test results, DOE has determined that Edgestar-brand dehumidifier model DEP400EW does not meet the applicable ENERGY STAR specification.¹ Accordingly, DOE is referring this matter to the Environmental Protection Agency, the brand manager for ENERGY STAR.

¹ During a meeting on June 6, 2013, [REDACTED] representatives informed DOE that they believe the four units DOE tested were from a batch of units that contain a compressor that consumes more energy than the compressor used in units of the same model from other production batches.



Please feel free to contact me at laura.barhydt@hq.doe.gov should you require any further information.

Sincerely,

/signed/

Laura L. Barhydt
Assistant General Counsel
for Enforcement

Cc: 