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Dated: February 25, 2021.

**Juliana Pearson,**

*PRA Coordinator, Strategic Collections and Clearance Governance and Strategy Division, Office of Chief Data Officer, Office of Planning, Evaluation and Policy Development.*

[FR Doc. 2021-04319 Filed 3-2-21; 8:45 am]

**BILLING CODE 4000-01-P**

**DEPARTMENT OF EDUCATION**

[Docket No.: ED-2021-SCC-0173]

**Agency Information Collection Activities; Submission to the Office of Management and Budget for Review and Approval; Comment Request; Evaluating the DC Opportunity Scholarship Program After the 2017 Reauthorization**

**AGENCY:** Institute of Educational Sciences, Department of Education (ED).

**ACTION:** Notice.

**SUMMARY:** In accordance with the Paperwork Reduction Act of 1995, ED is proposing a new information collection.

**DATES:** Interested persons are invited to submit comments on or before April 2, 2021.

**ADDRESSES:** Written comments and recommendations for proposed information collection requests should be sent within 30 days of publication of this notice to [www.reginfo.gov/public/do/PRAMain](http://www.reginfo.gov/public/do/PRAMain). Find this information collection request by selecting "Department of Education" under "Currently Under Review," then check "Only Show ICR for Public Comment" checkbox. Comments may also be sent to [ICDocketmgr@ed.gov](mailto:ICDocketmgr@ed.gov).

**FOR FURTHER INFORMATION CONTACT:** For specific questions related to collection activities, please contact Meredith Bachman, 202-245-7494.

**SUPPLEMENTARY INFORMATION:** The Department of Education (ED), in accordance with the Paperwork Reduction Act of 1995 (PRA) (44 U.S.C. 3506(c)(2)(A)), provides the general public and Federal agencies with an opportunity to comment on proposed, revised, and continuing collections of information. This helps the Department assess the impact of its information collection requirements and minimize the public's reporting burden. It also helps the public understand the Department's information collection requirements and provide the requested data in the desired format. ED is

soliciting comments on the proposed information collection request (ICR) that is described below. The Department of Education is especially interested in public comment addressing the following issues: (1) Is this collection necessary to the proper functions of the Department; (2) will this information be processed and used in a timely manner; (3) is the estimate of burden accurate; (4) how might the Department enhance the quality, utility, and clarity of the information to be collected; and (5) how might the Department minimize the burden of this collection on the respondents, including through the use of information technology. Please note that written comments received in response to this notice will be considered public records.

*Title of Collection:* Evaluating the DC Opportunity Scholarship Program After the 2017 Reauthorization.

*OMB Control Number:* 1850-NEW.

*Type of Review:* A new information collection.

*Respondents/Affected Public:* Private Sector; State, Local, and Tribal Governments; Individuals and Households.

*Total Estimated Number of Annual Responses:* 842.

*Total Estimated Number of Annual Burden Hours:* 303.

*Abstract:* The U.S. Department of Education (ED)'s Institute of Education Sciences (IES) requests clearance for data collection activities to support a congressionally mandated study of the District of Columbia (DC) Opportunity Scholarship Program (OSP). Collecting information about the OSP is critical given ED's interest in private school choice as a way to improve students' educational outcomes and Congress's focus on the program. Proposed legislation supports both expanding the OSP to serve more students in DC and new tax credits that would make up to \$5 billion available to fund similar programs nationwide. The importance of the OSP to Congress is reflected in its requirement that IES conduct a third evaluation of the program, following those completed in 2011 and 2019. The study will result in a report on the implementation of the OSP, including identification of challenges encountered by OSP-eligible applicants, participating schools, and the program operator; and potential program or policy changes to help address these challenges. A subsequent issue brief will focus on challenges related to families' ongoing participation in the OSP, since about 20% of students stop using scholarships after one year of participation. The study will also use the collected data to disseminate up to three issue policy

briefs. This request covers administrative data as well as surveys of the OSP program operator, administrators of participating and non-participating OSP schools, OSP applicants, and OSP users. Also included is a request for classroom observations in OSP-participating schools.

Dated: February 25, 2021.

**Stephanie Valentine,**

*PRA Coordinator, Strategic Collections and Clearance Governance and Strategy Division, Office of Chief Data Officer, Office of Planning, Evaluation and Policy Development.*

[FR Doc. 2021-04306 Filed 3-2-21; 8:45 am]

**BILLING CODE 4000-01-P**

**DEPARTMENT OF ENERGY**

[Case Number 2020-014; EERE-2020-BT-WAV-0028]

**Energy Conservation Program: Notification of Petition for Waiver of KeepRite Refrigeration From the Department of Energy Walk-In Coolers and Walk-In Freezers Test Procedure and Notice of Grant of Interim Waiver**

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

**ACTION:** Notification of petition for waiver and grant of an interim waiver; request for comments.

**SUMMARY:** This document announces receipt of and publishes a petition for waiver and interim waiver from KeepRite Refrigeration ("KeepRite"), which seeks a waiver for specified carbon dioxide ("CO<sub>2</sub>") direct expansion unit cooler basic models from the U.S. Department of Energy ("DOE") test procedure used to determine the efficiency of walk-in cooler and walk-in freezer refrigeration systems. DOE also gives notice of an Interim Waiver Order that requires KeepRite to test and rate the specified CO<sub>2</sub> direct expansion unit cooler basic models in accordance with the alternate test procedure set forth in the Interim Waiver Order. DOE solicits comments, data, and information concerning KeepRite's petition and its suggested alternate test procedure so as to inform DOE's final decision on KeepRite's waiver request.

**DATES:** The Interim Waiver Order is effective on March 3, 2021. Written comments and information will be accepted on or before April 2, 2021.

**ADDRESSES:** Interested persons are encouraged to submit comments using the Federal eRulemaking Portal at <http://www.regulations.gov>.

Alternatively, interested persons may submit comments, identified by case number “2020–014”, and Docket number “EERE–2020–BT–WAV–0028,” by any of the following methods:

- *Federal eRulemaking Portal*: <http://www.regulations.gov>. Follow the instructions for submitting comments.

- *Email*: [KeepRiteWICF2020WAV0028@ee.doe.gov](mailto:KeepRiteWICF2020WAV0028@ee.doe.gov). Include Case No. 2020–014 in the subject line of the message.

- *Postal Mail*: Appliance and Equipment Standards Program, U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, Building Technologies Office, Mail Stop EE–5B, Petition for Waiver Case No. 2020–014, 1000 Independence Avenue SW, Washington, DC 20585–0121. If possible, please submit all items on a compact disc (“CD”), in which case it is not necessary to include printed copies.

- *Hand Delivery/Courier*: Appliance and Equipment Standards Program, U.S. Department of Energy, Building Technologies Office, 950 L’Enfant Plaza SW, 6th floor, Washington, DC 20024. Telephone: (202) 287–1445. If possible, please submit all items on a CD, in which case it is not necessary to include printed copies.

No telefacsimilies (“faxes”) will be accepted. For detailed instructions on submitting comments and additional information on this process, see the **SUPPLEMENTARY INFORMATION** section of this document.

*Docket*: The docket, which includes **Federal Register** notices, comments, and other supporting documents/materials, is available for review at <http://www.regulations.gov>. All documents in the docket are listed in the <http://www.regulations.gov> index. However, some documents listed in the index, such as those containing information that is exempt from public disclosure, may not be publicly available.

The docket web page can be found at <http://www.regulations.gov/docket?D=EERE-2020-BT-WAV-0028>. The docket web page contains instruction on how to access all documents, including public comments, in the docket. See the **SUPPLEMENTARY INFORMATION** section for information on how to submit comments through <http://www.regulations.gov>.

**FOR FURTHER INFORMATION CONTACT**: Ms. Lucy deButts, U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, Building Technologies Office, Mail Stop EE–5B, 1000 Independence Avenue SW, Washington, DC 20585–0121. Email: [AS\\_Waiver\\_Request@ee.doe.gov](mailto:AS_Waiver_Request@ee.doe.gov).

Mr. Michael Kido, U.S. Department of Energy, Office of the General Counsel, Mail Stop GC–33, Forrestal Building, 1000 Independence Avenue SW, Washington, DC 20585–0103. Telephone: (202) 586–8145. Email: [Michael.Kido@hq.doe.gov](mailto:Michael.Kido@hq.doe.gov).

**SUPPLEMENTARY INFORMATION**: DOE is publishing KeepRite’s petition for waiver in its entirety in appendix 1 to this document, pursuant to 10 CFR 431.401(b)(1)(iv).<sup>1</sup> DOE invites all interested parties to submit in writing by April 2, 2021, comments and information on all aspects of the petition, including the alternate test procedure. Pursuant to 10 CFR 431.401(d), any person submitting written comments to DOE must also send a copy of such comments to the petitioner. The contact information for the petitioner is Vince Zolli, [vzolli@k-rp.com](mailto:vzolli@k-rp.com), 159 Roy Blvd., Brantford, ON N3R 7K1, Canada.

*Submitting comments via http://www.regulations.gov*. The <http://www.regulations.gov> web page will require you to provide your name and contact information. Your contact information will be viewable to DOE Building Technologies staff only. Your contact information will not be publicly viewable except for your first and last names, organization name (if any), and submitter representative name (if any). If your comment is not processed properly because of technical difficulties, DOE will use this information to contact you. If DOE cannot read your comment due to technical difficulties and cannot contact you for clarification, DOE may not be able to consider your comment.

However, your contact information will be publicly viewable if you include it in the comment or in any documents attached to your comment. Any information that you do not want to be publicly viewable should not be included in your comment, nor in any document attached to your comment. If this instruction is followed, persons viewing comments will see only first and last names, organization names, correspondence containing comments, and any documents submitted with the comments.

Do not submit to <http://www.regulations.gov> information for which disclosure is restricted by statute, such as trade secrets and commercial or financial information (hereinafter referred to as Confidential Business Information (“CBI”)). Comments submitted through <http://www.regulations.gov>

<sup>1</sup> The petition did not identify any of the information contained therein as confidential business information.

[www.regulations.gov](http://www.regulations.gov) cannot be claimed as CBI. Comments received through the website will waive any CBI claims for the information submitted. For information on submitting CBI, see the Confidential Business Information section.

DOE processes submissions made through <http://www.regulations.gov> before posting. Normally, comments will be posted within a few days of being submitted. However, if large volumes of comments are being processed simultaneously, your comment may not be viewable for up to several weeks. Please keep the comment tracking number that <http://www.regulations.gov> provides after you have successfully uploaded your comment.

*Submitting comments via email, hand delivery/courier, or postal mail*.

Comments and documents submitted via email, hand delivery/courier, or postal mail also will be posted to <http://www.regulations.gov>. If you do not want your personal contact information to be publicly viewable, do not include it in your comment or any accompanying documents. Instead, provide your contact information on a cover letter. Include your first and last names, email address, telephone number, and optional mailing address. The cover letter will not be publicly viewable as long as it does not include any comments.

Include contact information each time you submit comments, data, documents, and other information to DOE. If you submit via postal mail or hand delivery/courier, please provide all items on a CD, if feasible, in which case it is not necessary to submit printed copies. Faxes will not be accepted.

Comments, data, and other information submitted to DOE electronically should be provided in PDF (preferred), Microsoft Word or Excel, WordPerfect, or text (ASCII) file format. Provide documents that are not secured, written in English and free of any defects or viruses. Documents should not contain special characters or any form of encryption and, if possible, they should carry the electronic signature of the author.

*Campaign form letters*. Please submit campaign form letters by the originating organization in batches of between 50 to 500 form letters per PDF or as one form letter with a list of supporters’ names compiled into one or more PDFs. This reduces comment processing and posting time.

*Confidential Business Information*. According to 10 CFR 1004.11, any person submitting information that he or she believes to be confidential and

exempt by law from public disclosure should submit via email, postal mail, or hand delivery/courier two well-marked copies: One copy of the document marked confidential including all the information believed to be confidential, and one copy of the document marked “non-confidential” with the information believed to be confidential deleted. Submit these documents via email or on a CD, if feasible. DOE will make its own determination about the confidential status of the information and treat it according to its determination.

It is DOE’s policy that all comments may be included in the public docket, without change and as received, including any personal information provided in the comments (except information deemed to be exempt from public disclosure).

## Case Number 2020-014

### Interim Waiver Order

#### I. Background and Authority

The Energy Policy and Conservation Act, as amended (“EPCA”),<sup>2</sup> authorizes the U.S. Department of Energy (“DOE”) to regulate the energy efficiency of a number of consumer products and certain industrial equipment (42 U.S.C. 6291–6317). Title III, Part C<sup>3</sup> of EPCA (42 U.S.C. 6311–6316, as codified), added by the National Energy Conservation Policy Act, Public Law 95–619, sec. 441 (Nov. 9, 1978), established the Energy Conservation Program for Certain Industrial Equipment, which sets forth a variety of provisions designed to improve the energy efficiency for certain types of industrial equipment. Through amendments brought about by the Energy Independence and Security Act of 2007, Public Law 110–140, sec. 312 (Dec. 19, 2007), this equipment includes walk-in cooler and walk-in freezer (collectively, “walk-in”) refrigeration systems, the focus of this document (42 U.S.C. 6311(1)(G)).

The energy conservation program under EPCA consists essentially of four parts: (1) Testing, (2) labeling, (3) Federal energy conservation standards, and (4) certification and enforcement procedures. Relevant provisions of EPCA include definitions (42 U.S.C. 6311), energy conservation standards (42 U.S.C. 6313), test procedures (42 U.S.C. 6314), labeling provisions (42 U.S.C. 6315), and the authority to

require information and reports from manufacturers (42 U.S.C. 6316).

The Federal testing requirements consist of test procedures that manufacturers of covered equipment must use as the basis for: (1) Certifying to DOE that their equipment complies with the applicable energy conservation standards adopted pursuant to EPCA (42 U.S.C. 6316(a); 42 U.S.C. 6295(s)), and (2) making representations about the efficiency of that equipment (42 U.S.C. 6314(d)). Similarly, DOE must use these test procedures to determine whether the covered equipment complies with relevant standards promulgated under EPCA. (42 U.S.C. 6316(a); 42 U.S.C. 6295(s))

Under 42 U.S.C. 6314, EPCA sets forth the criteria and procedures DOE is required to follow when prescribing or amending test procedures for covered equipment. EPCA requires that any test procedures prescribed or amended under this section must be reasonably designed to produce test results which reflect the energy efficiency, energy use or estimated annual operating cost of covered equipment during a representative average use cycle and requires that test procedures not be unduly burdensome to conduct (42 U.S.C. 6314(a)(2)). The test procedure for walk-in refrigeration systems is contained in the Code of Federal Regulations (“CFR”) at 10 CFR part 431, subpart R, appendix C, *Uniform Test Method for the Measurement of Net Capacity and AWEF of Walk-In Cooler and Walk-In Freezer Refrigeration Systems* (“Appendix C”).

Under 10 CFR 431.401, any interested person may submit a petition for waiver from DOE’s test procedure requirements. DOE will grant a waiver from the test procedure requirements if DOE determines either that the basic model for which the waiver was requested contains a design characteristic that prevents testing of the basic model according to the prescribed test procedures, or that the prescribed test procedures evaluate the basic model in a manner so unrepresentative of its true energy consumption characteristics as to provide materially inaccurate comparative data. 10 CFR 431.401(f)(2). A petitioner must include in its petition any alternate test procedures known to the petitioner to evaluate the performance of the equipment type in a manner representative of the energy consumption characteristics of the basic model. 10 CFR 431.401(b)(1)(iii). DOE may grant the waiver subject to conditions, including adherence to alternate test procedures specified by DOE. 10 CFR 431.401(f)(2).

As soon as practicable after the granting of any waiver, DOE will publish in the **Federal Register** a notice of proposed rulemaking to amend its regulations so as to eliminate any need for the continuation of such waiver. 10 CFR 431.401(l). As soon thereafter as practicable, DOE will publish in the **Federal Register** a final rule to that effect. *Id.*

The waiver process also provides that DOE may grant an interim waiver if it appears likely that the underlying petition for waiver will be granted and/or if DOE determines that it would be desirable for public policy reasons to grant immediate relief pending a determination on the underlying petition for waiver. 10 CFR 431.401(e)(2). Within one year of issuance of an interim waiver, DOE will either: (i) Publish in the **Federal Register** a determination on the petition for waiver; or (ii) publish in the **Federal Register** a new or amended test procedure that addresses the issues presented in the waiver. 10 CFR 431.401(h)(1).

When DOE amends the test procedure to address the issues presented in a waiver, the waiver will automatically terminate on the date on which use of that test procedure is required to demonstrate compliance. 10 CFR 431.401(h)(2).

#### II. KeepRite’s Petition for Waiver and Interim Waiver

DOE received a petition from KeepRite for waiver and interim waiver docketed on August 11, 2020 from the test procedure for walk-in refrigeration systems set forth at 10 CFR part 431, subpart R, appendix C (KeepRite, No. 1 at p. 14). KeepRite claims that the test conditions described in Table 15 and Table 16 of the Air-Conditioning, Heating, and Refrigeration Institute (“AHRI”) Standard 1250–2009, *Standard for Performance Rating of Walk-In Coolers and Freezers* (“AHRI 1250–2009”) (for walk-in refrigerator unit coolers and freezer unit coolers tested alone, respectively), as incorporated by Appendix C with modification, cannot be achieved by the specified basic models and are not consistent with the operation of KeepRite’s CO<sub>2</sub> direct expansion unit coolers. These set conditions are based on the use of a refrigerant different from the CO<sub>2</sub>-based refrigerant used by

<sup>2</sup> All references to EPCA in this document refer to the statute as amended through America’s Water Infrastructure Act of 2018, Public Law 115–270 (Oct. 23, 2018).

<sup>3</sup> For editorial reasons, upon codification in the U.S. Code, Part C was redesignated as Part A–1.

<sup>4</sup> A notation in the form “KeepRite, No.1” identifies a written submission: (1) Made by KeepRite; and (2) recorded in document number 1 that is filed in the docket of this petition for waiver (Docket No. EERE–2020–BT–WAV–0028) and available at <http://www.regulations.gov/docket?D=EERE-2020-BT-WAV-0028>.

KeepRite. As a result, KeepRite explained that because CO<sub>2</sub> has a critical temperature of 87.8 °F,<sup>5</sup> the required liquid inlet saturation temperature of 105 °F and the required liquid inlet subcooling temperature of 9 °F required under the prescribed test procedure are not achievable. It stated that the test conditions should be more consistent with typical operating conditions for a transcritical CO<sub>2</sub> booster system (KeepRite, No. 1).

The statements made by KeepRite reference the difference in thermodynamic properties between CO<sub>2</sub> and other refrigerants. At modest pressures (*i.e.* below the critical point), many substances transition from a solid to a liquid to a gas as temperature increases. For example, a pure substance like water transitions from liquid to steam at a specific temperature, *e.g.* 212 °F, at atmospheric pressure. As heat is added during a liquid to gas transition, the temperature remains constant and the substance coexists as both liquid and vapor. Continuing to add heat converts more of the liquid to vapor at a constant temperature. The reverse occurs when heat is removed. However, the transition temperature depends on the pressure—the higher the pressure, the higher the transition temperature. This is a key principle in refrigeration systems, which operate at two pressure levels associated with two temperatures. A refrigerant absorbs heat when it is at a low temperature and pressure, converting to gas and cooling the surrounding space. At high temperature and pressure, the refrigerant transitions to a liquid while releasing heat to the environment. A compressor is used to raise the low-pressure gas to a high pressure, and a throttle (pressure reduction device) is used to reduce the pressure once the refrigerant has been fully liquefied (condensed) at high pressure.

All refrigerants have a “critical pressure” and an associated “critical temperature” above which liquid and vapor phases cannot coexist. Above this critical point, the refrigerant will be a gas and its temperature will increase or decrease as heat is added or removed. For all conventional refrigerants, the critical pressure is so high that it is

<sup>5</sup> The test procedure specifies the unit cooler refrigerant inlet condition in terms of a saturation temperature (the temperature at which it completes the condensation process in a condenser) and the subcooling temperature (additional reduction in temperature lower than the specified saturation temperature). For CO<sub>2</sub>, the critical temperature above which there cannot exist separate liquid and gas phases is below the saturation condition specified in the test procedure, hence the specified condition cannot be achieved.

never exceeded in typical refrigeration cycles. For example, R404A is a common refrigerant used in refrigeration systems that has a critical pressure of 540.8 psia<sup>6</sup> with an associated critical temperature of 161.7 °F. However, CO<sub>2</sub> behaves differently, with a critical pressure of 1,072 psia associated with a much lower critical temperature of 87.8 °F. The refrigerant temperature must be somewhat higher than the ambient temperature in order to reject refrigeration cycle heat to the ambient environment. Ambient temperatures greater than 87.8 °F are common and the performance of many refrigeration and air conditioning systems are tested using a 95 °F ambient temperature, as indicated by the A test condition in AHRI 1250–2009 Section 5. At temperatures greater than the critical temperature, the CO<sub>2</sub> refrigerant is in a supercritical state (*i.e.* a condition with pressure above the critical temperature) and heat is transferred to the environment. Since useful cooling is provided below the critical temperature, CO<sub>2</sub> cycles are said to be transcritical.

The transcritical nature of CO<sub>2</sub> generally requires more complex refrigeration cycle design to approach the efficiency of traditional refrigerants (*i.e.*, R404A, R407A, R448A, etc.) during operation in high temperature conditions. To increase efficiency and prevent overheating, transcritical booster systems introduce (or use) multiple stages of compression and intercooling. CO<sub>2</sub> is cooled in the gas cooler of a transcritical booster system, then expands through a high-pressure control valve and is delivered to a subcritical-pressure flash tank. In the flash tank, the refrigerant is in the subcritical phase and the liquid and vapor phases can be separated. A unit cooler in a CO<sub>2</sub> booster system would be supplied with liquid refrigerant from the flash tank via expansion valves where the refrigerant is evaporated. The evaporated refrigerant is subsequently compressed up to gas cooler pressure to complete the cycle (KeepRite, No. 3).

KeepRite also requests an interim waiver from the existing DOE test procedure. DOE will grant an interim waiver if it appears likely that the petition for waiver will be granted, and/or if DOE determines that it would be desirable for public policy reasons to grant immediate relief pending a determination of the petition for waiver. See 10 CFR 431.401(e)(2).

Based on the assertions in the petition, absent an interim waiver, the

<sup>6</sup> Absolute pressure is the pressure measured relative to a complete vacuum; “psia” represents the absolute pressure in pounds per square inch.

prescribed test procedure is not appropriate for KeepRite’s CO<sub>2</sub> direct expansion unit coolers and the test conditions are not achievable, since CO<sub>2</sub> refrigerant has a critical temperature of 87.8 °F and the current DOE test procedure calls for a liquid inlet saturation temperature of 105 °F. The inability to achieve test conditions for the stated basic models would result in economic hardship from loss of sales stemming from the inability of the DOE test procedure to address the operating conditions of KeepRite’s equipment.

### III. Requested Alternate Test Procedure

EPCA requires that manufacturers use the applicable DOE test procedures when making representations about the energy consumption and energy consumption costs of covered equipment (42 U.S.C. 6314(d)). Consistency is important when making representations about the energy efficiency of equipment, including when demonstrating compliance with applicable DOE energy conservation standards. Pursuant to 10 CFR 431.401, and after consideration of public comments on the petition, DOE may establish in a subsequent Decision and Order an alternate test procedure for the basic models addressed by the Interim Waiver Order.

KeepRite seeks to test and rate specific CO<sub>2</sub> direct expansion unit cooler basic models with modifications to the DOE test procedure. KeepRite’s suggested approach specifies using modified liquid inlet saturation and liquid inlet subcooling temperatures of 38 °F and 5 °F, respectively, for both walk-in refrigerator unit coolers and walk-in freezer unit coolers. Additionally, KeepRite recommended that because the subject units are used in transcritical CO<sub>2</sub> booster systems the calculations in AHRI 1250–2009 section 7.9 should be used to determine the Annual Walk-in Efficiency Factor (“AWEF”) and net capacity for unit coolers matched to parallel rack systems as required under the DOE test procedure. This section of AHRI 1250–2009 is prescribed by the DOE test procedure for determining AWEF for all unit coolers tested alone (see 10 CFR part 431, subpart R, appendix C, section 3.3.1). Finally, KeepRite also recommended that AHRI 1250–2009 Table 17, EER [Energy Efficiency Ratio] for Remote Commercial Refrigerated Display Merchandisers and Storage Cabinets, should be used to determine power consumption of CO<sub>2</sub> direct expansion unit cooler systems as required under the DOE test procedure.

**IV. Interim Waiver Order**

DOE has reviewed KeepRite’s application, its suggested testing approach, industry materials regarding CO<sub>2</sub> transcritical booster systems, and KeepRite’s consumer-facing materials, including websites and product specification sheets for the basic models listed in KeepRite’s petition. Based on this review, the suggested testing approach appears to allow for the accurate measurement of energy efficiency of the specified basic models, while alleviating the testing issues associated with KeepRite’s implementation of walk-in cooler and walk-in freezer testing for these basic models. Review of the CO<sub>2</sub> refrigeration market confirms that the test conditions of the testing approach suggested by KeepRite would be representative for operation of a unit cooler used in a transcritical CO<sub>2</sub> booster system (KeepRite, No. 3). CO<sub>2</sub> that is cooled in the gas cooler of a transcritical booster system expands through a high-pressure control valve that delivers CO<sub>2</sub> to a subcritical-pressure flash tank, where liquid and vapor phases of the refrigerant are separated. The liquid is then split and the unit coolers receive the refrigerant at the same condition, consistent with the use of the same liquid inlet saturation temperature for both the medium- and low-temperature systems in KeepRite’s suggested test approach. Calculations on other external CO<sub>2</sub> refrigeration system designs in the market indicate that the 38 °F liquid unit cooler inlet saturation temperature suggested by KeepRite is representative of CO<sub>2</sub> booster systems (KeepRite, No.

4). Regarding use of the EER values in AHRI 1250–2009 Table 17 to determine the representative compressor power consumption for CO<sub>2</sub> unit cooler systems, research into the performance of different configurations of CO<sub>2</sub> booster systems shows that enhanced CO<sub>2</sub> cycles (like those used in transcritical booster systems) can match conventional refrigerants in average annual efficiency (KeepRite, No. 2). The findings from this research, along with the other collective factors previously noted, helps to justify the use of the EER values in AHRI 1250–2009 Table 17 for determining the power consumption for CO<sub>2</sub> booster system evaporators, despite these EER values being initially established for systems using conventional refrigerants. Consequently, DOE has determined that KeepRite’s petition for waiver likely will be granted. Furthermore, DOE has determined that it is desirable for public policy reasons to grant KeepRite immediate relief pending a determination of the petition for waiver.

For the reasons stated, it is *ordered* that:

(1) KeepRite must test and rate the following CO<sub>2</sub> direct expansion unit cooler basic models with the alternate test procedure set forth in paragraph (2).

*Basic Models on which the Waiver and Interim Waiver is being requested:*

- \*LP104C\*.\*D\*
- \*LP106C\*.\*D\*
- \*LP107C\*.\*D\*
- \*LP209C\*.\*D\*
- \*LP211C\*.\*D\*
- \*LP214C\*.\*D\*
- \*LP317C\*.\*D\*
- \*LP320C\*.\*D\*
- \*LP422C\*.\*D\*
- \*LP427C\*.\*D\*
- \*LP104D\*.\*D\*
- \*LP105D\*.\*D\*
- \*LP106D\*.\*D\*
- \*LP207D\*.\*D\*
- \*LP209D\*.\*D\*
- \*LP211D\*.\*D\*
- \*LP314D\*.\*D\*
- \*LP316D\*.\*D\*
- \*LP418D\*.\*D\*
- \*LP421D\*.\*D\*
- \*LP103F\*.\*D\*
- \*LP104F\*.\*D\*
- \*LP106F\*.\*D\*
- \*LP207F\*.\*D\*
- \*LP208F\*.\*D\*
- \*LP211F\*.\*D\*
- \*LP313F\*.\*D\*
- \*LP316F\*.\*D\*
- \*LP418F\*.\*D\*
- \*LP421F\*.\*D\*

- \*LP534C\*.\*D\*
- \*LP640C\*.\*D\*
- \*MP120C\*.\*D\*
- \*MP124C\*.\*D\*
- \*MP232C\*.\*D\*
- \*MP240C\*.\*D\*
- \*MP248C\*.\*D\*
- \*MP360C\*.\*D\*
- \*MP372C\*.\*D\*
- \*MP486C\*.\*D\*
- \*MP495C\*.\*D\*
- \*LP526D\*.\*D\*
- \*LP631D\*.\*D\*
- \*MP116L\*.\*D\*
- \*MP120L\*.\*D\*
- \*MP224L\*.\*D\*
- \*MP233L\*.\*D\*
- \*MP239L\*.\*D\*
- \*MP347L\*.\*D\*
- \*MP355L\*.\*D\*
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- \*TM422D\*.\*D\*
- \*TM422D\*.\*D\*
- \*TM526D\*.\*D\*
- \*LV106C\*.\*D\*
- \*LV109C\*.\*D\*
- \*LV212C\*.\*D\*
- \*LV217C\*.\*D\*
- \*LV325C\*.\*D\*
- \*LV331C\*.\*D\*
- \*LV437C\*.\*D\*
- \*LV441C\*.\*D\*
- \*LV546C\*.\*D\*
- \*LP524F\*.\*D\*
- \*LP627F\*.\*D\*
- \*MP113F\*.\*D\*
- \*MP117F\*.\*D\*
- \*MP221F\*.\*D\*
- \*MP226F\*.\*D\*
- \*MP234F\*.\*D\*
- \*MP338F\*.\*D\*
- \*MP349F\*.\*D\*
- \*MP457F\*.\*D\*

*Brand Names for which the basic models will represent:*

*KeepRite/Trenton/Bally*

(2) The KeepRite basic models identified in paragraph (1) of this Interim Waiver Order shall be tested according to the test procedure for walk-in cooler and walk-in freezer refrigeration systems prescribed by DOE at 10 CFR part 431, subpart R, appendix C (“Appendix C”), except that the liquid inlet saturation temperature test condition and liquid inlet subcooling temperature test condition shall be modified to 38 °F and 5 °F, respectively, for both walk-in refrigerator unit coolers and walk-in freezer unit coolers, as detailed below. All other requirements of Appendix C and DOE’s regulations remain applicable.

In Appendix C, under section 3.1. *General modifications: Test Conditions and Tolerances*, revise section 3.1.5., to read as follows: 3.1.5. Tables 15 and 16 shall be modified to read as follows:

**TABLE 15—REFRIGERATOR UNIT COOLER**

Test description	Unit cooler air entering dry-bulb, °F	Unit cooler air entering relative humidity, %	Saturated suction temp, °F	Liquid inlet saturation temp, °F	Liquid inlet subcooling temp, °F	Compressor capacity	Test objective
Off Cycle Fan Power .....	35	<50	.....	.....	.....	Compressor Off.	Measure fan input power during compressor off cycle.
Refrigeration Capacity Suction A ....	35	<50	25	38	5	Compressor On.	Determine Net Refrigeration Capacity of Unit Cooler.

**Note:** Superheat to be set according to equipment specification in equipment or installation manual. If no superheat specification is given, a default superheat value of 6.5 °F shall be used. The superheat setting used in the test shall be reported as part of the standard rating.

**TABLE 16—FREEZER UNIT COOLER**

Test description	Unit cooler air entering dry-bulb, °F	Unit cooler air entering relative humidity, %	Saturated suction temp, °F	Liquid inlet saturation temp, °F	Liquid inlet subcooling temp, °F	Compressor capacity	Test objective
Off Cycle Fan Power .....	–10	<50	.....	.....	.....	Compressor Off.	Measure fan input power during compressor off cycle.
Refrigeration Capacity Suction A ....	–10	<50	–20	38	5	Compressor On.	Determine Net Refrigeration Capacity of Unit Cooler.
Defrost .....	–10	Various	.....	.....	.....	Compressor Off.	Test according to Appendix C Section C11.

**Note:** Superheat to be set according to equipment specification in equipment or installation manual. If no superheat specification is given, a default superheat value of 6.5 °F shall be used. The superheat setting used in the test shall be reported as part of the standard rating.

(3) Representations. KeepRite may not make representations about the energy efficiency of a basic model listed in paragraph (1) of this Interim Waiver Order for compliance, marketing, or other purposes unless the basic model has been tested in accordance with the provisions set forth in this alternate test procedure and such representations fairly disclose the results of such testing.

(4) This Interim Waiver Order shall remain in effect according to the provisions of 10 CFR 431.401.

(5) This Interim Waiver Order is issued on the condition that the statements and representations provided by KeepRite are valid. If KeepRite makes any modifications to the controls or configurations of a basic model subject to this Interim Waiver Order, such modifications will render the waiver invalid with respect to that basic model, and KeepRite will either be required to use the current Federal test method or submit a new application for a test procedure waiver. DOE may rescind or modify this waiver at any time if it determines the factual basis underlying the petition for the Interim Waiver Order is incorrect, or the results from the alternate test procedure are unrepresentative of the basic model's true energy consumption characteristics. 10 CFR 431.401(k)(1). Likewise, KeepRite may request that DOE rescind

or modify the Interim Waiver Order if KeepRite discovers an error in the information provided to DOE as part of its petition, determines that the interim waiver is no longer needed, or for other appropriate reasons. 10 CFR 431.401(k)(2).

(6) Issuance of this Interim Waiver Order does not release KeepRite from the applicable requirements set forth at 10 CFR part 429.

DOE makes decisions on waivers and interim waivers for only those basic models specifically set out in the petition, not future models that may be manufactured by the petitioner. KeepRite may submit a new or amended petition for waiver and request for grant of interim waiver, as appropriate, for additional basic models of CO<sub>2</sub> direct expansion unit coolers. Alternatively, if appropriate, KeepRite may request that DOE extend the scope of a waiver or an interim waiver to include additional basic models employing the same technology as the basic model(s) set forth in the original petition consistent with 10 CFR 431.401(g).

**Signing Authority**

This document of the Department of Energy was signed on February 24, 2021, by Kelly Speakes-Backman, Principal Deputy Assistant Secretary and Acting Assistant Secretary for Energy Efficiency and Renewable

Energy, pursuant to delegated authority from the Acting Secretary of Energy. That document with the original signature and date is maintained by DOE. For administrative purposes only, and in compliance with requirements of the Office of the Federal Register, the undersigned DOE Federal Register Liaison Officer has been authorized to sign and submit the document in electronic format for publication, as an official document of the Department of Energy. This administrative process in no way alters the legal effect of this document upon publication in the **Federal Register**.

Signed in Washington, DC, on February 26, 2021.

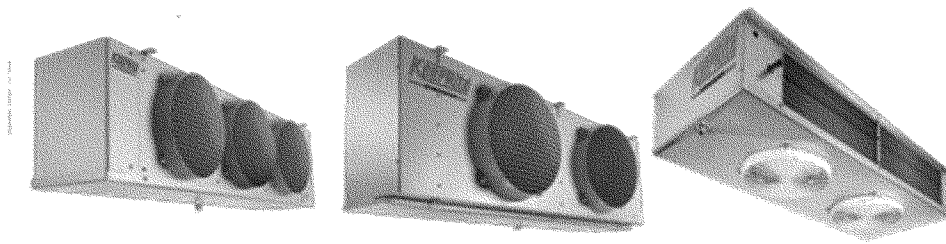
**Treena V. Garrett,**  
Federal Register Liaison Officer, U.S. Department of Energy.

**Appendix 1**

*KeepRite Refrigeration Application for Waiver and Interim Waiver*

Request for Waiver and Interim Waiver from a DOE test procedure pursuant to provisions described in 10 CFR 431.401 for the following product on the grounds that “the basic model contains one or more design characteristics that prevent testing of the basic model according to the prescribed test procedures.”

**CO2 Direct Expansion Unit Coolers in Medium and Low Temperature**



The design characteristics constituting the grounds for the Waiver and Interim Waiver Application:

- Appendix C to Subpart R of Part 431—Uniform Test Method for the

Measurement of Net Capacity and AWEF of Walk-in Cooler and Walk-in Freezer Refrigeration Systems specifies that unit coolers tested alone use the test procedures described in AHRI

1250–2009. Table 15 and Table 16 of AHRI 1250–2009 are as follows:

**TABLE 15—REFRIGERATOR UNIT COOLER**

Test description	Unit cooler air entering dry-bulb °F	Unit cooler air entering relative humidity,%	Saturated suction temp, °F	Liquid inlet saturation temp, °F	Liquid inlet subcooling temp, °F	Compressor capacity	Test objective
Off Cycle Fan Power .....	35	<50	.....	.....	.....	Compressor Off.	Measure fan input power during compressor off cycle.
Refrigeration Capacity Suction A ....	35	<50	25	105	9	Compressor On.	Determine Net Refrigeration Capacity of Unit Cooler.

TABLE 15—REFRIGERATOR UNIT COOLER—Continued

Test description	Unit cooler air entering dry-bulb °F	Unit cooler air entering relative humidity, %	Saturated suction temp, °F	Liquid inlet saturation temp, °F	Liquid inlet subcooling temp, °F	Compressor capacity	Test objective
Refrigeration Capacity Suction B ....	35	<50	20	105	9	Compressor On.	Determine Net Refrigeration Capacity of Unit Cooler.

TABLE 16—FREEZER UNIT COOLER

Test description	Unit cooler air entering dry-bulb °F	Unit cooler air entering relative humidity, %	Saturated suction temp, °F	Liquid inlet saturation temp, °F	Liquid inlet subcooling temp, °F	Compressor capacity	Test objective
Off Cycle Fan Power .....	−0	<50	.....	.....	.....	Compressor Off.	Measure fan input power during compressor off cycle.
Refrigeration Capacity Suction A ....	−10	<50	−20	105	9	Compressor On.	Determine Net Refrigeration Capacity of Unit Cooler.
Refrigeration Capacity Suction B ....	−10	<50	−26	105	9	Compressor On.	Determine Net Refrigeration Capacity of Unit Cooler.
Defrost .....	−10	Various	.....	.....	.....	Compressor Off.	Test according to Appendix C Section C11

• CO<sub>2</sub> refrigerant has a critical temperature of 87.8 °F thus the liquid inlet saturation temperature of 105 °F and the liquid inlet subcooling temperature of 9 °F as specified in Table 15 and Table 16 are not achievable.

• The test condition values need to be more in line with typical operating conditions for a CO<sub>2</sub> refrigeration application.

*Basic Models on which the Waiver and Interim Waiver is being requested:*

LP104C**D*	*LP104D**D*	*LP103F**D*
LP106C**D*	*LP105D**D*	*LP104F**D*
LP107C**D*	*LP106D**D*	*LP106F**D*
LP209C**D*	*LP207D**D*	*LP207F**D*
LP211C**D*	*LP209D**D*	*LP208F**D*
LP214C**D*	*LP211D**D*	*LP211F**D*
LP317C**D*	*LP314D**D*	*LP313F**D*
LP320C**D*	*LP316D**D*	*LP316F**D*
LP422C**D*	*LP418D**D*	*LP418F**D*
LP427C**D*	*LP421D**D*	*LP421F**D*
LP534C**D*	*LP526D**D*	*LP524F**D*
LP640C**D*	*LP631D**D*	*LP627F**D*
MP120C**D*	*MP116L**D*	*MP113F**D*
MP124C**D*	*MP120L**D*	*MP117F**D*
MP232C**D*	*MP224L**D*	*MP221F**D*
MP240C**D*	*MP233L**D*	*MP226F**D*
MP248C**D*	*MP239L**D*	*MP234F**D*
MP360C**D*	*MP347L**D*	*MP338F**D*
MP372C**D*	*MP355L**D*	*MP349F**D*
MP486C**D*	*MP470L**D*	*MP457F**D*
MP495C**D*	.....	.....
TM215C**D*	*TM204D**D*	*LV106C**D*
TM318C**D*	*TM206D**D*	*LV109C**D*

TM321C**D*	*TM209D**D*	*LV212C**D*
TM426C**D*	*TM212D**D*	*LV217C**D*
TM531C**D*	*TM315D**D*	*LV325C**D*
TM215C**D*	*TM318D**D*	*LV331C**D*
TM318C**D*	*TM422D**D*	*LV437C**D*
TM321C**D*	*TM526D**D*	*LV441C**D*
TM426C**D*	.....	*LV546C**D*
TM531C**D*	.....	.....

*Brand Names for which the basic models will represent:*

KeepRite/Trenton/Bally

*Specific Requirements sought to be waived*—Petitioning for a waiver and interim waiver to exempt CO<sub>2</sub> Direct Expansion Unit Coolers in Medium and Low Temperature application from being tested to the current test procedure. The prescribed test procedure is not appropriate for these products for the reasons stated previously (liquid inlet saturation temperature and liquid inlet subcooling temperature test condition values are not appropriate for a transcritical CO<sub>2</sub> booster system application).

*List of manufacturers of all other basic models marketing in the United States and known to the petitioner to incorporate similar design characteristics—*

Manufacturer: Heatcraft

Manufacturer: Heat Transfer Products Group (HTPG) Manufacturer: Hussmann Corp. (Krack)

Proposed Alternate Test Procedure

Utilize the test procedure as outlined in Appendix C to Subpart R of Part 431—Uniform Test Method for the Measurement of Net Capacity and AWEF of Walk-in Cooler and Walk-in Freezer Refrigeration Systems with reference to AHRI 1250–2009 with the exception of modifying the test conditions in Table 15 and 16 for liquid inlet saturation temperature and liquid inlet subcooling temperature as noted below. In addition, per Appendix C to Subpart R of 431 use the calculations in AHRI 1250 section 7.9 to determine AWEF and net capacity for unit coolers matched to parallel rack systems. Use AHRI 1250 Table 17, EER for Remote Commercial Refrigerated Display Merchandisers and Storage Cabinets to determine the power consumption of the system.

TABLE 15—REFRIGERATOR UNIT COOLER

Test description	Unit cooler air entering dry-bulb °F	Unit cooler air entering relative humidity, %	Saturated suction temp, °F	Liquid inlet saturation temp, °F	Liquid inlet subcooling temp, °F	Compressor capacity	Test objective
Off Cycle Fan Power .....	35	<50	.....	.....	.....	Compressor Off.	Measure fan input power during compressor off cycle.
Refrigeration Capacity Suction A ....	35	<50	25	38	5	Compressor On.	Determine Net Refrigeration Capacity of Unit Cooler.
Refrigeration Capacity Suction B ....	35	<50	20	38	5	Compressor On.	Determine Net Refrigeration Capacity of Unit Cooler.

TABLE 16—FREEZER UNIT COOLER

Test description	Unit cooler air entering dry-bulb °F	Unit cooler air entering relative humidity, %	Saturated suction temp, °F	Liquid inlet saturation temp, °F	Liquid inlet subcooling temp, °F	Compressor capacity	Test objective
Off Cycle Fan Power .....	−10	<50	.....	.....	.....	Compressor Off.	Measure fan input power during compressor off cycle.
Refrigeration Capacity Suction A ....	−10	<50	−20	38	5	Compressor On.	Determine Net Refrigeration Capacity of Unit Cooler.
Refrigeration Capacity Suction B ....	−10	<50	−26	38	5	Compressor On.	Determine Net Refrigeration Capacity of Unit Cooler.
Defrost .....	−10	Various	.....	.....	.....	Compressor Off.	Test according to Appendix C Section C11.

*Success of the application for Waiver and Interim Waiver will:* Ensure that manufacturers of CO2 Direct Expansion Unit Coolers in Medium & Low Temperature application can continue to participate in the market.

What economic hardship and/or competitive disadvantage is likely to result absent a favorable determination on the Application for Interim Waiver—Economic hardship will be loss of sales due to not meeting the DOE requirements set forth.

*Conclusion:* KeepRite Refrigeration seeks a Waiver and Interim Waiver from DOE’s current requirement to test CO2 direct expansion unit coolers.

*Request submitted by:*

/s/

**Vince Zolli, P. Eng,**

*Vice President of Engineering, KeepRite Refrigeration.*

[FR Doc. 2021–04357 Filed 3–2–21; 8:45 am]

**BILLING CODE 6450–01–P**

**DEPARTMENT OF ENERGY**

**Federal Energy Regulatory Commission**

[Project No. 14799–002]

**Lock 13 Partners, LLC; Notice of Availability of Environmental Assessment**

In accordance with the National Environmental Policy Act of 1969 and the Federal Energy Regulatory Commission’s (Commission) regulations, 18 CFR part 380, the Office of Energy Projects has reviewed the application for an original license for the Evelyn Hydroelectric Project No. 14799, and has prepared an Environmental Assessment (EA) for the project. The proposed project would be located on the Kentucky River in Lee County, Kentucky, at the existing Kentucky River Lock and Dam No. 13, which is owned by the Commonwealth of Kentucky and operated by the Kentucky River Authority. No federal land would be occupied by project

works or located within the project boundary.

The EA contains staff’s analysis of the potential environmental impacts of the project and concludes that licensing the project, with appropriate environmental protective measures, would not constitute a major federal action that would significantly affect the quality of the human environment.

The Commission provides all interested persons with an opportunity to view and/or print the EA via the internet through the Commission’s Home Page (<http://www.ferc.gov/>), using the “eLibrary” link. Enter the docket number, excluding the last three digits in the docket number field, to access the document. At this time, the Commission has suspended access to the Commission’s Public Reference Room, due to the proclamation declaring a National Emergency concerning the Novel Coronavirus Disease (COVID–19), in a Presidential proclamation issued on March 13, 2020. For assistance, contact FERC Online Support at [FERCOnlineSupport@ferc.gov](mailto:FERCOnlineSupport@ferc.gov), or toll-free at (866) 208–3676, or for TTY, (202) 502–8659.

You may also register online at <https://www.ferc.gov/docs-filing/esubscription.asp> to be notified via email of new filings and issuances related to this or other pending projects. For assistance, contact FERC Online Support.

Any comments should be filed within 30 days from the date of this notice.

The Commission strongly encourages electronic filing. Please file comments using the Commission’s eFiling system at <https://ferconline.ferc.gov/eFiling.aspx>. Commenters can submit brief comments up to 6,000 characters, without prior registration, using the eComment system at <https://ferconline.ferc.gov/QuickComment.aspx>. You must include your name and contact information at the end of your comments. For assistance, please contact FERC Online Support. In lieu of electronic filing, you may submit a paper copy. Submissions

sent via the U.S. Postal Service must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street NE, Room 1A, Washington, DC 20426. Submissions sent via any other carrier must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 12225 Wilkins Avenue, Rockville, Maryland 20852. The first page of any filing should include docket number P–14799–002.

For further information, contact Sarah Salazar at (202) 502–6863, or by email at [sarah.salazar@ferc.gov](mailto:sarah.salazar@ferc.gov).

Dated: February 25, 2021.

**Nathaniel J. Davis, Sr.,**

*Deputy Secretary.*

[FR Doc. 2021–04385 Filed 3–2–21; 8:45 am]

**BILLING CODE 6717–01–P**

**DEPARTMENT OF ENERGY**

**Federal Energy Regulatory Commission**

**Combined Notice of Filings #1**

Take notice that the Commission received the following electric rate filings:

- Docket Numbers:* ER13–1508–006.
- Applicants:* Entergy Louisiana, LLC, Entergy New Orleans, LLC
- Description:* Informational Compliance Filing of Amended Power Purchase Agreement [Pro Forma Sheets] of Entergy Louisiana, LLC, et al.
- Filed Date:* 2/24/21.
- Accession Number:* 20210224–5196.
- Comments Due:* 5 p.m. ET 3/17/21.
- Docket Numbers:* ER21–1200–000.
- Applicants:* Midcontinent Independent System Operator, Inc.
- Description:* Request for One-Time, Limited Waiver of Tariff Provisions of Midcontinent Independent System Operator, Inc.
- Filed Date:* 2/25/21.
- Accession Number:* 20210225–5084.
- Comments Due:* 5 p.m. ET 2/25/21.
- Docket Numbers:* ER21–1201–000.
- Applicants:* PJM Interconnection, L.L.C.