

AHRI 1250 specifies that for walk-in coolers, the refrigeration system is to be rated at a cooler air-return temperature of 35 °F (box setpoint) than is typically seen in a wine cellar application. Operating a wine cellar at this condition would adversely mechanically alter the intended performance of the system including icing of the evaporator coil, potential damage to the compressor, and will not result in an accurate representation of the performance of the cooling unit. Wine cellars generally are kept at 55 °F, with 55% relative humidity.

The calculation of the Annual Walk-in Energy Factor (AWEF) found in AHRI 1250 accounts for typical usage of WICF products with high and low load periods. Wine cellars see a constant load, no highs or lows, that does not resemble the use patterns that are representative of typical WICF products. Therefore, the AWEF calculation described in 10 CFR 431.304 and AHRI 1250 does not match the applications of wine cellar cooling systems.

The compressors used in wine cellar cooling systems are predominately fractional horsepower, which are inherently less efficient than larger compressors used in walk-in cooler refrigeration systems. Therefore, we do not believe there is technology on the market that will provide the needed energy efficiency in wine cellar cooling systems to meet the minimum AWEF value for commercial walk-in cooler refrigeration systems set forth in 10 CFR 431.306.

The prescribed test procedure is unrepresentative of the products true energy characteristics.

One or more design characteristics that prevent testing of the basic model according to the prescribed test procedures or cause the prescribed test procedures to evaluate the basic model in a manner so unrepresentative of its true energy or water consumption characteristics as to provide materially inaccurate comparative data.

Basic Models on which the Waiver and Interim Waiver is being requested: Thru-The-Wall (free blow/non-ducted):

TTW009, TTW018

Ducted self-contained: D025, [ESP REDACTED]

D050, [ESP REDACTED]

D088, [ESP REDACTED]

D200, [ESP REDACTED]

Ducted Split System: DS025, [ESP REDACTED]

DS050, [ESP REDACTED]

DS088, [ESP REDACTED]

DS200, [ESP REDACTED]

Ductless Split System: SS018, CS025, CS050

Specific Requirements sought to be waived

Petitioning for a Waiver and Interim Waiver to exempt wine cellar walk-in cooler systems from being tested to the current test procedures, specifically the requirement for the refrigeration system to be rated at an air-return temperature of 35 °F.

The petition also includes a correction factor of 0.55 to be applied to final AWEF calculations for wine cellar products to allow the unit to pass minimum efficiency as delineated by 10 CFR 431 subpart R. There is precedent for wine cooling products receiving a correction factor of 0.55 from Appendix A to Subpart B of 10 CFR 430 and DOE Direct Final Rule EERE-2011-BT-STD-0043-0122.

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

- (a) Air Innovations
- (b) Bacchus
- (c) BreezAire
- (d) CellarPro
- (e) Vinotemp
- (f) WhisperKool

Proposed alternate test procedure:

AHRI 1250 test procedure will be followed, but with the following modifications:

1. Temperature of the air returning to the walk-in cooling unit shall be 55 °F.
2. Relative humidity of the air returning to the walk-in cooling unit shall be 55%RH.
3. The AWEF calculations shall include a correction factor of 0.55 to inflate the final AWEF value for wine-related products to meet minimum efficiency standards.

Technical Justifications for the alternate test procedure:

As discussed previous, the technical justifications summarized for our products are as follows:

- Wine cellar environment is most typically at 55F/55%RH, so the return air to cooling unit is not consistent with what is prescribed in AHRI1250 presently.
- The component technology, specifically fractional HP compressors (reciprocating) are not being optimized for efficiency in the models our product sector dictate.
- Without the .55 correction factor, there is not a means to pass the minimum AWEF efficiency rating for these products. As noted earlier, there is a precedent set for applying this correction factor.
- Pending EPA SNAP regulations yet to be determined on effect for meeting

minimum AWEF, as the refrigerant choices for lower GWP and model options available from component manufacturers (compressors, valves, heat exchangers, etc.) may limit ability further to comply with present requirements.

Success of the application for Interim Waiver will:

Success of the application for Interim Waiver will ensure that manufacturers of walk-in wine cellar cooling systems 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 energy conservation standards set forth in 10 CFR 431.306 if the existing products were altered in order to test per current requirements set forth in 10 CFR 431.304 and AHRI 1250, it would add significant cost and increase energy consumption.

Conclusion:

Air Innovations (Wine Guardian Brand) seeks an Interim Waiver from DOE's current test method for the measurement of energy consumption of walk-in wine cellar Self-contained and Split cooling systems.

Respectfully submitted
/s/
Scott R. Toukatly,

Director of Engineering Air Innovations (Wine Guardian brand).

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DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. EL21-38-000]

City of Springfield, Illinois, City Water, Light and Power; Notice of Filing

Take notice that on December 31, 2020, The City of Springfield, Illinois, City Water, Light and Power (CWLP), filed its proposed rate schedule, which specified CWLP's cost-based revenue requirements for Reactive Supply and Voltage Control from Generation or other Sources Service supplied by CWLP generating units, pursuant to the Open Access Transmission and Energy Markets Tariff of the Midwest Independent Transmission System Operator, Inc, along with supporting testimony and data.

Any person desiring to intervene or to protest this filing must file in accordance with Rules 211 and 214 of

the Commission's Rules of Practice and Procedure (18 CFR 385.211, 385.214). Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a notice of intervention or motion to intervene, as appropriate. Such notices, motions, or protests must be filed on or before the comment date. On or before the comment date, it is not necessary to serve motions to intervene or protests on persons other than the Applicant.

The Commission encourages electronic submission of protests and interventions in lieu of paper using the "eFiling" link at <http://www.ferc.gov>. Persons unable to file electronically should submit an original and 5 copies of the protest or intervention to the Federal Energy Regulatory Commission, 888 First Street NE, Washington, DC 20426. Hand delivered submissions in docketed proceedings should be delivered to Health and Human Services, 12225 Wilkins Avenue, Rockville, Maryland 20852.

In addition to publishing the full text of this document in the **Federal Register**, The Commission provides all interested persons an opportunity to view and/or print the contents of this document 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 Commission's Public Reference Room, due to the proclamation declaring a National Emergency concerning the Novel Coronavirus Disease (COVID-19), issued by the President on March 13, 2020. For assistance, contact FERC at FERCOnlineSupport@ferc.gov or call toll-free, (886) 208-3676 or TYY, (202) 502-8659.

Comment Date: 5:00 p.m. Eastern Time on January 21, 2021.

Dated: January 6, 2021.

Nathaniel J. Davis, Sr.,
Deputy Secretary

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DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. EL21-31-000]

Highlander Solar Energy Station 1, LLC; Notice of Institution of Section 206 Proceeding and Refund Effective Date

On January 5, 2021, the Commission issued an order in Docket No. EL21-31-000 pursuant to section 206 of the Federal Power Act (FPA), 16 U.S.C. 824e (2018), instituting an investigation into whether Highlander Solar Energy Station 1, LLC's Proposed Rates may be unjust, unreasonable, unduly discriminatory or preferential, substantially excessive or otherwise unlawful. *Highlander Solar Energy Station 1, LLC*, 174 FERC ¶ 61,003 (2020).

The refund effective date in Docket No. EL21-31-000, established pursuant to section 206(b) of the FPA, will be the date of publication of this notice in the **Federal Register**.

Any interested person desiring to be heard in Docket No. EL21-31-000 must file a notice of intervention or motion to intervene, as appropriate, with the Federal Energy Regulatory Commission, 888 First Street NE, Washington, DC 20426, in accordance with Rule 214 of the Commission's Rules of Practice and Procedure, 18 CFR 385.214 (2019), within 21 days of the date of issuance of the order.

Dated: January 6, 2021.

Nathaniel J. Davis, Sr.,
Deputy Secretary

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DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Project No. 3820-012]

Aclara Meters, 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 an application submitted by Aclara Meters, LLC, to surrender its Somersworth Hydroelectric Project No. 3820, located on the Salmon Falls River in Strafford County, New Hampshire, and York

County, Maine, and has prepared an environmental assessment (EA) for the project. The project does not occupy federal lands.

The EA contains staff's analysis of the potential environmental impacts of the proposed action and concludes that approval of the surrender would not constitute a major federal action significantly affecting the quality of the human environment.

The EA may be viewed on the Commission's website at <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. For assistance, contact FERC Online Support at FERCOnlineSupport@ferc.gov, (866) 208-3676 (toll free), or (202) 502-8659 (TTY). 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), issued by the President on March 13, 2020.

You may also register online at <http://www.ferc.gov/docs-filing/subscription.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 <http://www.ferc.gov/docs-filing/efiling.asp>. Commenters can submit brief comments up to 6,000 characters, without prior registration, using the eComment system at <http://www.ferc.gov/docs-filing/ecomment.asp>. 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-3820-012.

For further information, contact Diana Shannon at (202) 502-6136 or by email at diana.shannon@ferc.gov.