

ACCELERATE

ADVANCING HVAC&R NATURALLY M A G A Z I N E

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CALIFORNIA DREAMIN': SOUTHERN CALIFORNIA EDISON SEES BIG POTENTIAL FOR NATURAL REFRIGERANTS

With a special focus on utility incentives, this issue features a cover story showing how Southern California Edison is supporting the adoption of natural-refrigerant refrigeration and HVAC systems through targeted energy rebates. The utility has become one of the leaders in evaluating the energy efficiency of these systems, both at its Technology Test Centers and in the field. For example, SCE is currently testing low-charge ammonia refrigeration systems at two cold-storage facilities operated by Lineage Logistics.

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In this issue

Whole Foods Markets

The iconic natural foods retail chain partnered with Sacramento Municipal Utility District to earn a substantial energy incentive for a remodeled store that includes a CO₂ cascade system. Now Whole Food is pursuing incentives for self-contained refrigerated units that employ propane.

Hillphoenix and Aldi

A major supplier of transcritical CO₂ systems, Hillphoenix and Aldi are close to securing an energy rebate from NYSERDA (New York State Energy Research & Development Authority) for multiple Aldi locations using the transcritical technology. Hillphoenix's expertise is helping to educate NYSERDA about natural refrigerant systems.

Caputo's and Newark Refrigerated Warehouse

Angelo Caputo's Fresh Markets runs a unique store/warehouse/commissary in Carol Stream, Ill., that employs a CO₂ transcritical refrigeration system – one of the most unusual transcritical installations in the world. Newark Refrigerated Warehouse also operates highly innovative refrigeration systems, including secondary brine-air unit and a DX system, which will be converted to ammonia within two years; owner Jerry von Dohlen helped changed the rules regarding ammonia refrigeration in New Jersey.

More Natural Refrigerants Coverage

- » Keilly Witman, former head of the EPA's GreenChill program, offers tips for obtaining utility incentives.
- » Ammi Amarnath, senior program manager for the Electric Power Research Institute (EPRI), gives an update on the organization's work with natural refrigerants.
- » Roundy's plans two more CO₂ transcritical stores in 2016.
- » The California Air Resources Board prepares for a 2016 strategy on reducing HFC emissions.
- » HFCs discussion runs into a snag at the Montreal Protocol.
- » IARW teaches the cold-storage industry about low-charge ammonia and CO₂.
- » The China Refrigeration 2015 conference demonstrated the country's growing commitment to natural refrigerants.
- » Bitzer expects growth for its CO₂ compressors in North America.

About shecco

For more than a decade Belgium-based market development expert shecco (www.shecco.com) has been helping bring climate friendly technologies faster to market. shecco supports over 100 partners worldwide in the HVAC&R sector, where the focus is on sustainable refrigeration, heating & cooling technologies using natural refrigerants.

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