

Cold-Plus®

**Inventive
Energy
Solutions,
Inc.**

Providing Environmental & Cost Savings
For The HVAC-R Industry





Introduction

Inventive Energy Solutions, Inc. (IES) Cold-Plus[®] treatment provides a one-time application for A/C, Chillers & Heat Transfer Pumps. This NextGen solution lowers your energy bills, decreases emissions, and extends the life of your unit, all while reducing your carbon footprint. Unlike costly replacements, Cold-Plus[®] installs seamlessly, delivering lasting savings all while delaying your next capital expense cycle.

About Us

About Inventive Energy Solutions, Inc.

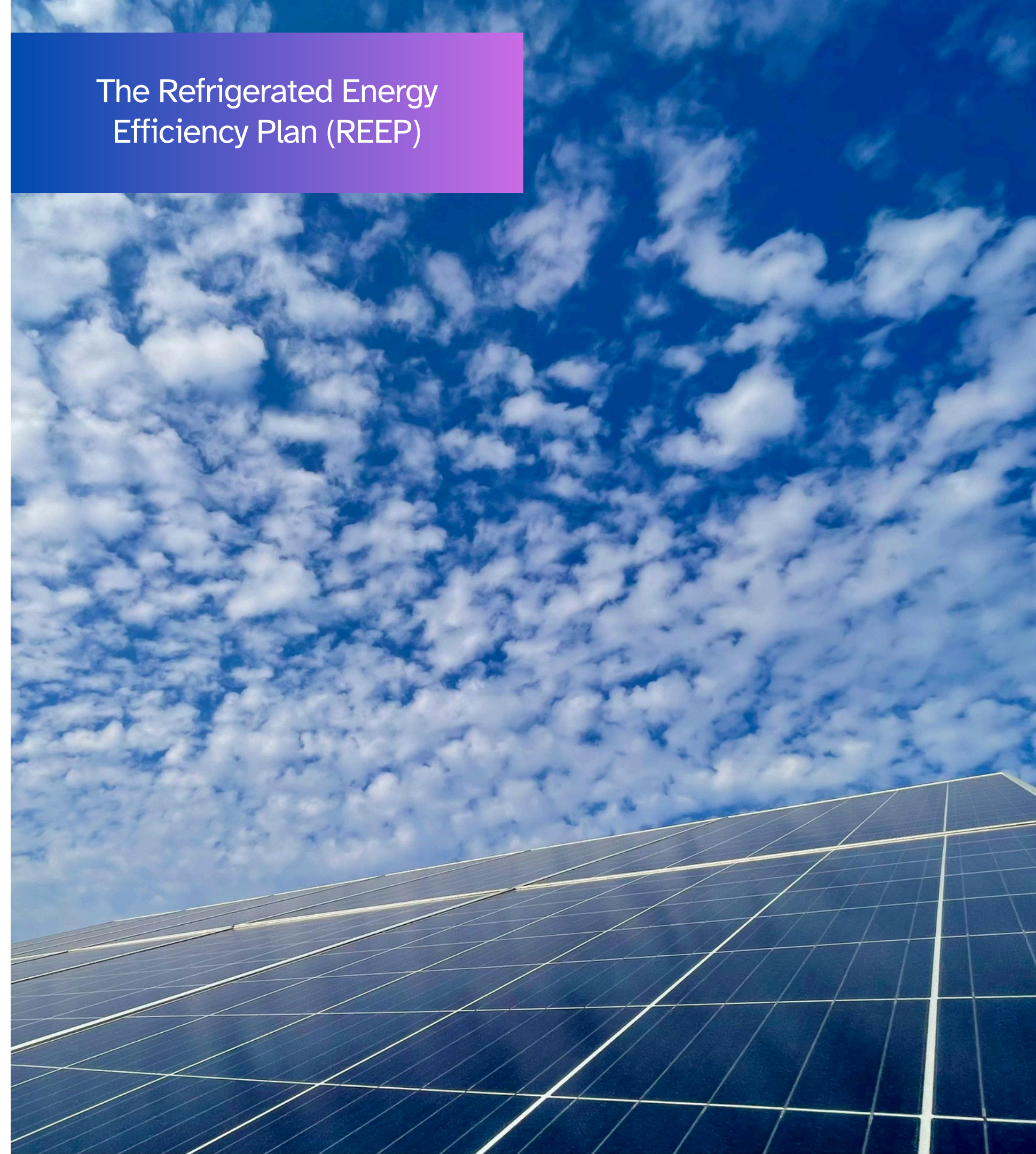
We've revolutionized combining the Cold-Plus® Treatment along with system monitoring (REEP), which substantiates the consistent results throughout the life of the unit. This simple integration delivers immediate savings, new revenue opportunities through reduced carbon emissions (Carbon Credits), and enhanced sustainability, helping organizations turn operational expenses into competitive advantages while meeting critical environmental goals to achieve Net-Zero!



INVENTIVE ENERGY SOLUTIONS

cooling the future

The Refrigerated Energy
Efficiency Plan (REEP)



Our Vision

We're dedicated to transforming the HVAC-R industry by creating measurable environmental and economic value for our customers.

Our Mission

Our definition of success is delivering our customers a solution that creates a strong ROI within 36 months or less, satisfying the Carbon Credit registries therefore providing a significant additional net profit revenue stream (IRR), and most importantly acting as stewards for Mother Earth.

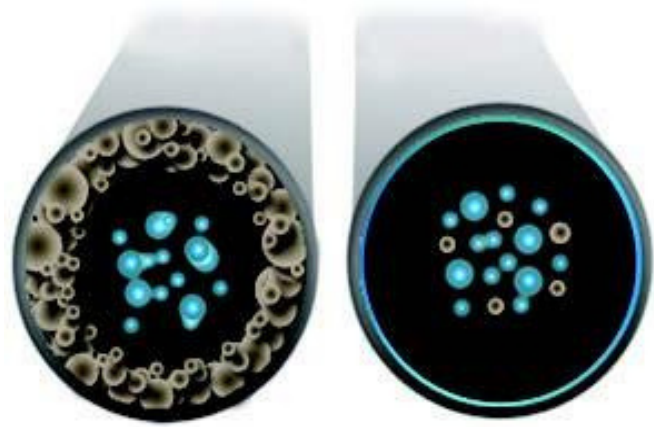
Why we do what we do



What is Cold-Plus®?

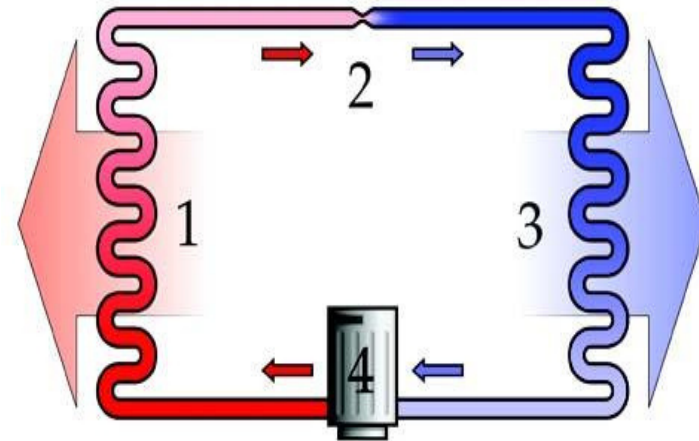
New HVAC-R units lose 7% efficiency within their first year due to oil fouling. Cold-Plus® encapsulates the oil fouling and prevents it from adhering to any surfaces. Using a blend of detergents, surfactants, and nano-polymers (PTFE) - originally developed by DuPont for medical applications - it cleans coil walls, improves efficiency, and extends equipment life. Proven through testing by National Renewable Energy Laboratory and numerous customers, Cold-Plus® delivers long-lasting performance!

How does Cold-Plus[®] work?



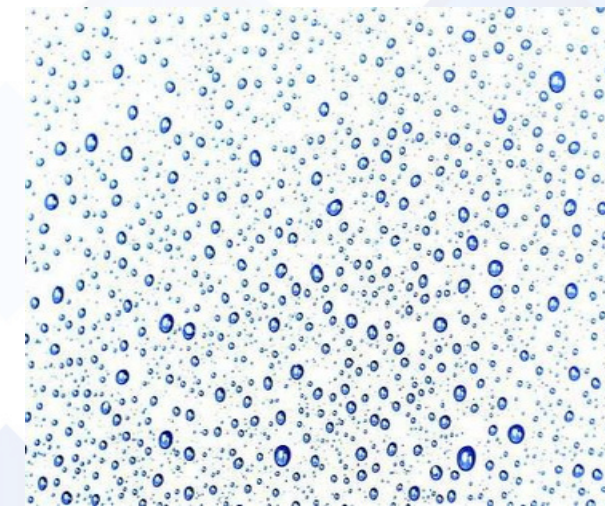
Captures Oil Fouling

Surfactants and detergents prevent the buildup that would normally end up on the coil inner walls. Nano-polymers help prevent any future oil buildup with just one treatment.



Speeds Thermodynamics

With less oil fouling, heat and cold transfer is improved. Nano-polymers reduce surface tension and improve refrigerant flow.



Improves Pool Boiling

Inert suspended polymers act as nuclei to enhance boiling. As a result, the liquid to gas phase occurs 20% faster.



Reducing Friction

With PTFE, the system runs smoother with less energy consumption by decreasing the run time of the compressor.

The patent-pending Cold-Plus[®] treatment not only cleans, but it also permanently fuses to all interior parts of the system, thereby providing life-of-system service.

Energy Efficiency & Financial Benefits

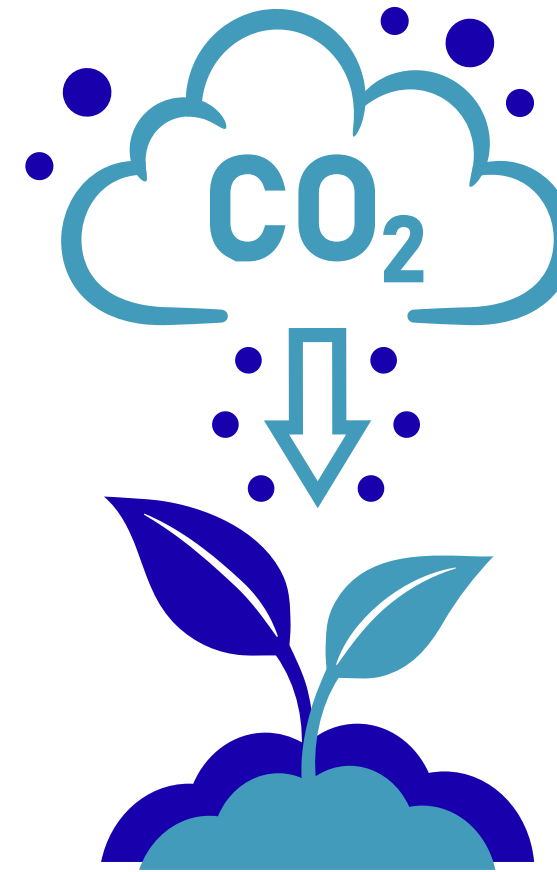
With Cold-Plus[®], customers typically see energy cost savings between 5% to 18% and greater. These savings continue and increase for the life of the system!

This adds value to your capital expense timelines by delaying equipment replacement costs for up to 3 years.

The savings along with the Carbon Credit value produce a significant increase to your yearly net profits and IRR bottom line for the life of the equipment.



Carbon Credits



Voluntary vs. Compliance Markets

Some companies buy credits voluntarily to meet Environmental, Social & Governance (ESG) or Net-Zero goals, while others are required to purchase them under government regulations.

How They're Created

Carbon Credits come from certified projects that either reduce emissions or remove carbon from the atmosphere.

Business Value Beyond Offsetting

Credits not only help reduce environmental impact but can also improve brand reputation, attract eco-conscious customers, and create a new revenue stream when a company generates and sells its own credits.

Why are carbon credits important?



Environmental Impacts

- They reduce the carbon footprint world-wide, providing companies the tools to achieve their Net-Zero goals/country requirements.

Financial Advantages : ROI & IRR

- Gold Standard Carbon Credits along with internationally recognized registries, can be traded and sold worldwide. Go to carboncredits.com to learn the current value that will significantly increase your bottom line for years to come.

Proof of Sustainability for Customer & Investors

- Demonstrates a measurable, third-party verified commitment to reducing environmental impact, which strengthens brand trust and investor confidence.

Global Standardization & Credibility

- Credits are tracked and verified by international registries to prevent double-counting, ensuring authenticity and transparency.

Get Connected



**CONTACT
US**

How much can we save you?

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