

This is a member and client offering requiring no financial investment

Your Engineering Office and Thermal Banc

One battery offsets over 60 million pounds of carbon emissions.

**We will co-capture waste heat and convert it to electricity,
co-earn revenue, and co-earn residuals.**

AEE and IEEE Power and Energy Members Only

Disclaimer: Some of our partners have credentials with AEE and or IEEE Power and Energy Group. However, neither organization is associated with any offer or recommendation to participate in any offer presented by Thermal Banc, its partner companies, or their members. The choice to approach both organizations, and use only their credentialed members, was the sole decision of Thermal Banc and its partners. This collaboration ensures that standards and commonalities required to represent its technology are applied, and it allows us to scale production and revenue to these same offices.



THERMAL BANC

Your Engineering Office & Thermal Banc

NOVACAB Thermal Battery

- **"ASHRAE Product of the Year"** - Patented Phase Change Material (PCM) from Smart Phases, Inc.
- **Dr. Stephane Bilodeau, PhD** - Leading thermodynamics expert, Inventor, and IP owner.
- **Dr. John Victor Christy, PhD** - Co-Designer of the Digitized "Preliminary Thermal Assessment" / PCM & Thermodynamics Specialist
- We engage the **Thermal Banc / TESS** collaboration through assisting engineering offices in capturing and converting their client's waste heat.

Newly Available,
Global Demand, Offered only
through **Credentialed Engineers** everywhere.

We collaborate with members of **AEE** and
IEEE Power and Energy Group

We deploy our 1MW Novacab Thermal Batteries, which store captured waste heat and convert it to green energy. They will cycle up to 3 times daily, delivering 4-6 MWhs of electricity per cycle. We also deploy 100KW thermal storage for reuse at another time.



THERMAL BANC

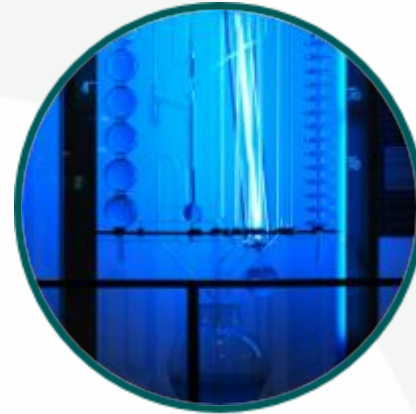
Introducing the Novacab Thermal Battery

We unlock Energy Efficiency through Waste Heat Capture and Conversion resulting in significant Unplanned Revenue.



WASTE HEAT CAPTURE

The Novacab Thermal Battery captures waste heat from industrial processes, data centers, cooling towers, boilers, chillers, solar, geothermal, et al. At the center of the technology is our awarded SPCM, synthetic phase change material



ENERGY CONVERSION

Added to that conversion of waste heat, the battery is also good for 2-weeks storage, emergency power, and has black-start capacity. It may also be cycled twice daily or run continuously. It has a 40-year lifetime or about 75,000+ MWhs of lifetime production



COST REDUCTION

The power produced, up to 16 MWh daily, is sold back to the waste heat producer at a discount from prevailing rates or sold to the grid for resiliency and/or backup power.



CARBON EMISSION REDUCTION

Incredible impact: 1 battery lifetime offsets over 60 million pounds of carbon. The engineering office partnerships dramatically accelerate carbon reduction now... today! There is a 3-year, 100,000-unit goal.



SUSTAINABILITY BENEFITS

Contributes to a greener planet by reducing the overall carbon footprint of electricity production. The purchaser of converted electricity needs less from power plants. Waterways are restored and protected.



Engineering Office Annual Revenue Estimate

1 battery = \$125,000; + % of monthly PPA for 10,20,40 yrs
10 batteries= \$1,250,000; + % of monthly PPA “ “ “
25 batteries= \$3,125,000; + % of monthly PPA “ “ “

We shoulder the load until your office familiarizes, allowing you to do the engineering tasks, earning an additional 15% to 25%

1 MW Thermal Battery

- Runs 40 yrs/little to no service. Up to 16MWhs of daily power (can be cycled twice or run in continuous mode).
- Retails at \$1.79M 2- to 4-year ROI
- **75,000+ MWh Life**
- Offsets 60M lbs. lifetime carbon
- Earns carbon credits and incentives
- Saves bays, rivers, surface waters
- Backup and Black start
- Supports the grid

100,000 1MW Batteries

**Novacab
is
The Star**

**100,000 batteries will
offset 6 trillion pounds of carbon**

Our Realistic 3-Year Goal

Novacab Thermal Battery Impact For 1 and 100,000 units

We are all-in on capturing waste heat for planet health and human growth all due to the vast amount of valuable waste-heat-fuel awaiting capture and conversion.

A tremendous amount of purchased electricity is lost in waste heat. The ability to seize a significant amount of that heat and turn it into electricity transforms it into a valuable commodity, creating revenue opportunities and new market entrances to existing and new clients.

That's about \$15,000,000.00 in electricity for one battery lifetime at current rates, before credits and incentives, and not counting depreciation allowances and reduced heat processing costs. This can be over 10, 20, or 40 years, depending on the number of daily cycles or continuous run. There is only a 15% degradation over its lifetime.

***100,000 batteries offsets 6 Trillion Pounds of Carbon.
That's 150 billion pounds per year for 40 years.***

**Revolutionizing Energy
with
Thermal Banc's Compelling Offer:**

**“We need your waste heat to
fuel our Thermal Batteries.”**

**This is an incredible client-focused
approach. We recognize the asset, audit
its value, and “tap” it for revenue
generation and carbon offset.**



**“Wanna sell your
Waste Heat?”**

My Thermal Banc Collaboration...

It's a marketplace for waste heat valuation, capture, and innovative solutions that offer us revenue and carbon reduction opportunities.

Thermal Banc offers my clients a zero-expenditure experience. They buy capturable waste heat streams, paying for them with a power purchase agreement that offers a discounted rate on electricity.

Why pay to mitigate waste heat AND pay full price for electricity? These savings grow with each battery placed.

"My Client's List of Benefits"

- Lower cost of heat processing
- Less expensive electricity
- No cost except optional thermal audit
- Option to buy battery or power
- Tradeable carbon credits and incentives

An Obvious New Commodity

An intriguing new reality, Thermal Banc offers to buy waste heat, placing value on the fuel batteries need. With standardized audits, they assess quality and monetize every source. That's a Commodity!

"Our Strategic Partnerships are Free"

We members of the Association of Energy Engineers, and members of IEEE Power and Energy Have No Fees or Onboarding Costs. Make money, save the planet, and help power tomorrow... today.

Waste Heat as a Commodity ?

Like any commodity, your waste heat can be bought, sold, or traded. In the early 1900's, rare earth was just dirt until it was needed. Through the modern age, most waste heat was just expensive to mitigate. Now, it has value and purpose.



Energy Engineers Understand the Waste Heat Problem

We support Credentialed Engineering Professionals associated with the AEE or IEEE Energy and Power Group. These member groups promote and advance the green energy objectives and professional technical development that thermal capture, storage, and utilization require.

ELECTRICITY WASTE (between a third to half of all electricity purchased is lost to waste heat)

Waste heat that is being processed, cast off, or rejected is our target as capturable waste-heat. **The versatility of our 1MW battery allows it to process temperatures not desirable to most co-gen or therm-to-power systems.**

Credentialed Engineers Deliver Global Reach, TESS Energy Solutions and Thermal Banc Deliver Scale

1



ENVIRONMENTAL CONCERNS

It is all about carbon reduction and more. Bays, rivers, and surface waters suffer extensively due to high temperature water release, which you will now help prevent.

3

2

HIGH DISPOSAL COSTS

It is now more expensive to process unwanted heat than it is to capture and convert it. **Disposal costs are incurred with pumps, fans, cooling towers, water monitoring, etc.**

Benefits for Energy Engineering Offices

- **SERVE** Your Clients' Interests without Costing Them a Capital Expense
- **SAVE** Your Clients Money while you Earn Revenue through Monetizing Capturable Waste Heat
- **EARN** Your Clients Credits, Incentives, and Electricity at below the Prevailing Rate
- **OFFSET** Millions of Pounds of Carbon with Every Battery Placement



New Revenue Stream

The Novacab Thermal Battery captures waste heat from industrial processes cooling towers, boilers, chillers, solar, geothermal, etc. then converts it to electricity.



Flexible Agreement Options

Investor places the battery in exchange for

- EaaS (energy as a service)
- PPA (power purchase AG.)
- Performance Contract



Operational Cost Reduction

Your clients will significantly reduce daily costs with less heat to process and cheaper electricity. You are paid for accomplishing that.



Quick Payback for Battery Owner/Clients

Business case is strong with the battery ROI at 2-4 years, and a 40-year performance future.



Environmental Benefits

Restore Bays, Rivers, and Surface Waters. Offsets 60 million pounds of carbon per battery placed. That is 1.5 million pounds per battery/per year.

Your New, Simple, and Unique Proposition

“Would you like to Monetize your Waste Heat?”

POWERFUL PROPOSITION

You will present the most persuasive value proposition in energy today.



NO CapX COST

Installation of NovaCab Batteries **may come with ZERO CapX**, reducing client barriers.

Client is only responsible for a Physical or Virtual Audit, which is always credited to future business.

CONTRACTUAL AGREEMENT

Thermal Banc uses **Power Purchase Agreements (PPA), Energy as a Service (EaaS), and Performance Contracts to pay for Waste-Heat purchases and the equipment itself. You may receive a percentage of that agreement and benefit from monthly residual income.**



“We Manage our Thermal Banc Operations on **eWay for Engineering, Marketing, Financing, Project Management, and all resources needed for successful project completion.”**

NOTICE: ALL AEE and IEEE Power and Energy Credentialed Members Receive Free Seats on eWay, which handles Business Process Management.

Comprehensive CRM Solution

Enhances client processing through a robust CRM framework that protects your clients... as yours.

1

Sales Automation

Streamlines sales processes, ensuring you timely follow-ups and improved conversion rates. Marketing and Sales support provided.

3

Installation Services

Includes comprehensive support to ensure smooth integration of solutions for your clients.

5



Engineering Support

Offers dedicated engineering assistance to help your office optimize client projects and understand the applications.

2

Financing Options

Provides various financing solutions to facilitate project execution without any costs to you or your clients.

4

Uniform, Standard, and Consistent

Accuracy, Speed, and Efficiency are achieved using eWay's "process super-highway."

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Quick Financial Impact for Engineering Offices

Reach out now! Collaboration, services, and programs are free. There are limited openings available, register your interest now with the email or phone presented, or contact the person who sent this to you.

AEE and IEEE Power and Energy Group, member collaboration

Thermal Banc decided early on that AEE and IEEE Power and Energy credentialed members were uniquely qualified to represent the new industry and products Thermal Banc delivers. Their high standards, broad base, and inherent desire to make a planetary difference in carbon reduction make their qualified members ideal collaborators. These members have pre-arranged and free access to the entirety of the Thermal Banc offering for their clients. They will face no franchise fees or onboarding costs.

The Offer begins with "Want to monetize your waste heat?"

Thermal Banc has financing in place to purchase all batteries, generating the return from EaaS contracts. It starts with an official Thermal Audit for valuing and fitting battery quantities and performance expectations.

Expect Significant Revenue

We can't get into specifics regarding all revenue, but the battery's earned revenue per placement is \$125,000+, with Thermal Banc/TESS Energy Solutions doing the bulk of the work, from audit to presentation, until your office is ready to fly with minimal assistance.

Potential for Additional Revenue

Your firm can explore partial or full battery purchases or engage in Power Purchase Agreements (PPAs) for additional income anytime in the future.

Let's partner for the planet and additional revenue today!

Please ask for an "Engineering Onboarding Application" or email JimG@ThermalBanc.com today!