



Unlocking the true potential of disruptive thermal energy storage



# Who we are

At GreenWave Energy, we believe that every building, every infrastructure, and every family can be part of the solution to climate change.

Our mission is to **make energy independence and sustainability accessible** — without compromising on simplicity, cost-efficiency, or performance.



We design and deploy **disruptive, low-tech, and patented thermal storage** systems that are smart, modular, and compatible with any building.



Our flagship innovation, the **Thermal Battery**, enables homes and businesses to store solar energy as heat — in a simple, scalable, and maintenance-light way.

Above all, we are guided by **human impact, innovation, and collaboration.**

Our technologies are designed not just to reduce carbon emissions, but to improve daily life: by lowering energy bills, increasing resilience, and empowering people everywhere to participate in the energy transition.

# Who we are

## Our Vision

To become the global reference in decentralized energy storage by harnessing the power of thermal energy.

Our Mission

## Our Mission

To revolutionize the energy industry with a simple, cost-effective, and efficient alternative to batteries and fossil fuels.

## Our Values

Integrity, innovation, sustainability, and collaboration guide our commitment to excellence and human progress.

# What we do

## The Thermal Battery

Revolutionize your thermal energy storage with our innovative smart overheating technology. GreenWave energy **transforms your water heater into a true thermal battery**, optimizing the use of your photovoltaic panels and drastically reducing your energy bills.

- › Up to **85°C thermal storage**
- › Optimized overheating to maximize thermal energy storage
- › Zero risk of Legionella
- › 100 % Autonomy
- › Increased usage time compared to conventional systems



# Key benefits

## Considerable Economic Benefits



### Reduced Bills

Significant savings on your energy bills.



### Quick ROI

Return on investment in less than 4 years.

With a return on investment in less than 4 years, our system GreenWave allows you to realize substantial savings on your energy bills.

After amortization, you benefit from practically free hot water thanks to the optimization of your photovoltaic production.

# Why it matters

## Growing global demand for hot water

In residential sectors, hot water accounts for 20–40% of household energy consumption worldwide.

This share is increasing due to electrification, population growth, and climate extremes. Our Thermal Battery directly addresses this demand — **without adding strain on the electrical grid.**



# Who we serve



## Residential buildings

(single-family homes, apartments).  
Ideal solution for residences with or without existing photovoltaic panels. The installation adapts to your current configuration and can evolve with your energy needs.



## Small buildings

Configurations adapted for medium-sized collective needs, allowing co-ownerships to reduce their common charges while improving their carbon footprint.



## Professional Premises

Specific solutions for businesses and shops with significant domestic hot water needs, with tailor-made configurations to maximize savings.

# Our Innovation: Smart Overheating



## Conventional Technology

Standard water heaters limit the temperature to 60°C for safety and efficiency reasons, which restricts their thermal energy storage capacity.

## Conventional Technology

Our patented system allows controlled overheating up to 85°C, significantly increasing energy storage capacity without compromising safety or durability of the installation.

## Immediate Benefits

This simple but revolutionary innovation transforms your water heater into a true thermal battery, optimizing photovoltaic self-consumption and reducing your dependence on the electricity grid.

# GreenWave System Operation

## Non-Invasive Integration

Our technology adapts to your existing water heater without major modifications to your current plumbing installation.

## Solar Energy Capture

Your photovoltaic panels produce electricity which is directed to your water heater when not immediately consumed.

## Smart Overheating

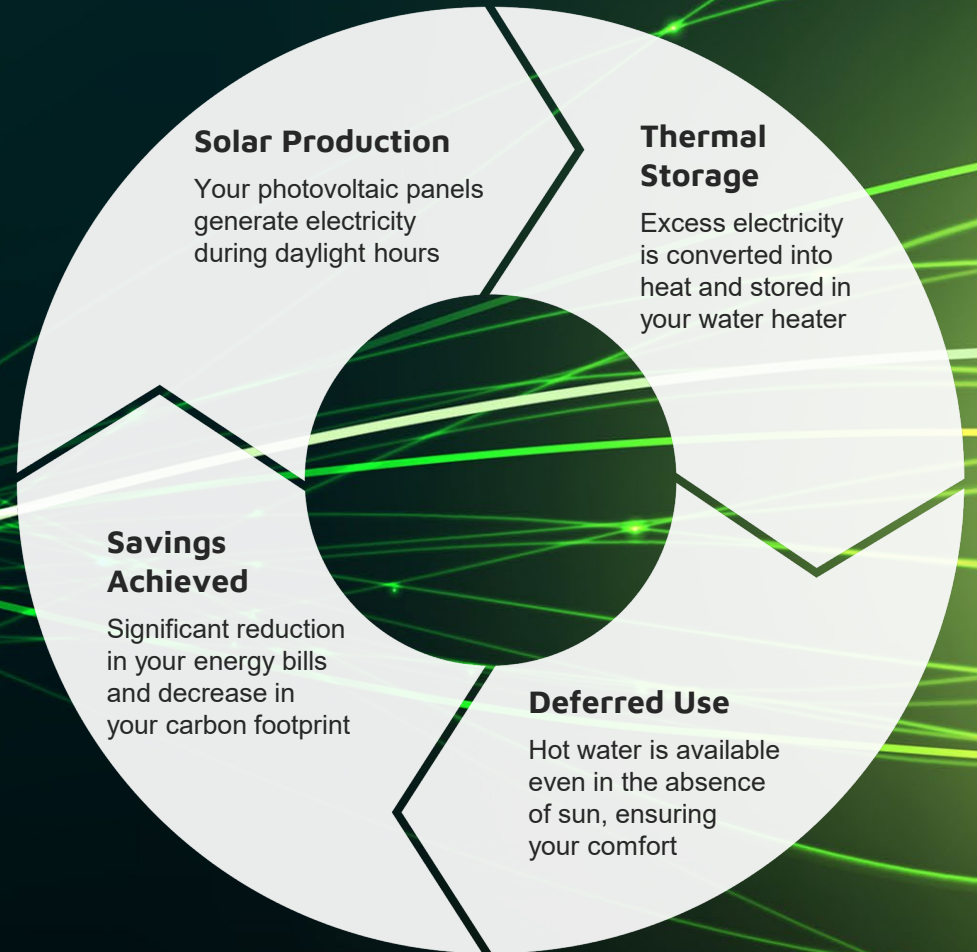
Our proprietary algorithm controls the temperature rise up to 85°C, maximizing energy storage while preserving your equipment.

## Optimized Use

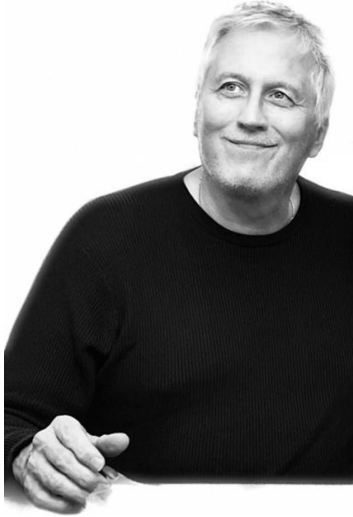
Overheated water is available on demand, with an increased autonomy of 42% compared to conventional systems.

# The Photovoltaic Advantage

Our system transforms your photovoltaic installation into a complete energy production and storage solution, maximizing your self-consumption rate and minimizing your electricity purchases from the grid.



# Team



## Jack Newman

CEO and CFO

Jack Newman is a seasoned international business expert with 30 years of experience. His specialty lies in complex financial arrangements, including debentures, joint ventures, the development of sophisticated financial structures, and tax optimization.

Master's degree in Business Law and a Master's degree in Economics and Finance, a dual qualification that gives him both a legal and economic perspective on business issues.



## Jonathan Newman

CEO

A strategic leader at the intersection of technology and human dynamics, Jonathan transforms innovation into concrete, impactful solutions. With over 15 years of experience, he bridges the gap between technological advances and real-world needs, ensuring optimal alignment with market developments and human behaviors.

His expertise in business strategy, combined with a deep understanding of emerging technologies and anthropology, allows him to anticipate transformations and identify value-creating opportunities.

**Holds a master's degree in Anthropology**

# Team



## Daniel Samson

### Founder

Daniel Samson is an experienced professional who combines strategic vision with operational management. His career demonstrates a consistent commitment to excellence, innovation, and collective success.

His profile is ideal for supporting ambitious development projects, effectively mobilizing teams and optimizing available resources.



## Rene Couture

### Founder

Consultant in low-carbon and bio-based approaches, primarily in construction. Over 45 years of experience in construction, including the last 25 years as a visionary of concepts supporting the circular economy in Quebec.

Eager for continuous innovation, self-taught through his presence and organization of trade shows, symposiums, and conferences on embodied carbon. Promotes the action and marketing of products open to the world.

## Sustainable Energy

By choosing GreenWave Energy, you opt for a future-proof solution that allows you to take control of your energy consumption. Our innovative smart overheating technology transforms your water heater into a true thermal battery, actively contributing to the energy transition while offering you increased independence from energy price variations.





Let's shape the future together

GreenWave Energy is ready to expand globally — with the right partners.  
We're looking for distributors and integrators who share our belief  
that sustainability should be simple, affordable, and empowering.



Are you ready to join the wave?

**Jonathan Newman**

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