



Investment Opportunity

BESI



Who Are We?



Braille Energy Systems Inc.



Developing the next generation of lithium technology **Energy Storage Systems** for the North American market



Braille Battery Inc



A **world leader** in ultra-lightweight, high performance lithium batteries



The LEADER In Racing And Performance

First production-based **Hybrid Race Car** (Developed with Nissan North America)

First Lithium battery to **win the 24Hrs of Le Mans** (Team Corvette Racing)

First Lithium battery to **win the Daytona 500**



First Lithium battery to **win a Formula One Championship**

Preferred lithium upgrade for **Harley Davidson** audio and big engine motorcycles

First Lithium battery to **win Rolex 24 at Daytona**



First Lithium battery to **win the Indianapolis 500**



Our Next Venture in Excellence

The Future of Affordable Backup Power Systems



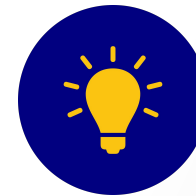
UL 9540 Approved
(Components
9540A/1973/1741
/1642)



\$6000+ per residential
build



Exclusive use of
patent-applied passive
thermal runaway
detection tool



Unique in market
features like
optional integrated
aerosol fire control

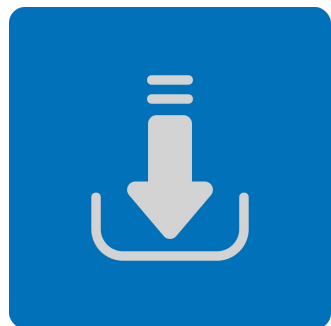


Sales & Marketing Launch: **01/2023**

Volume Production Launch: **05/2023**



With Features That Appeal To Consumers



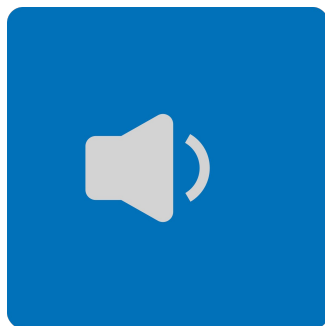
EASY TO INSTALL

Installation takes less than 4 hours with **no required fuel source or noise permits**



EASY TO MAINTAIN

Requires **no fuel** or **regular maintenance**



QUIET DESIGN

Sound is imperceptible to the homeowner - the same as a refrigerator



PEACE OF MIND

12-Year warranty, backed by an industry leading US manufacturer of lithium energy storage solutions

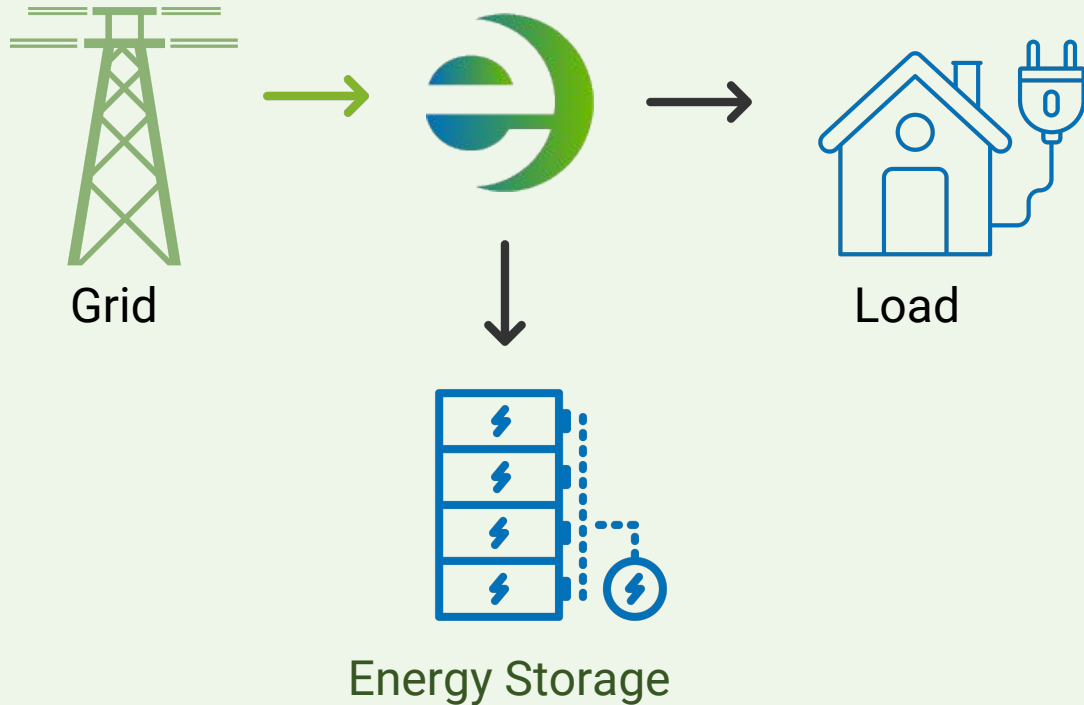


GREAT VALUE

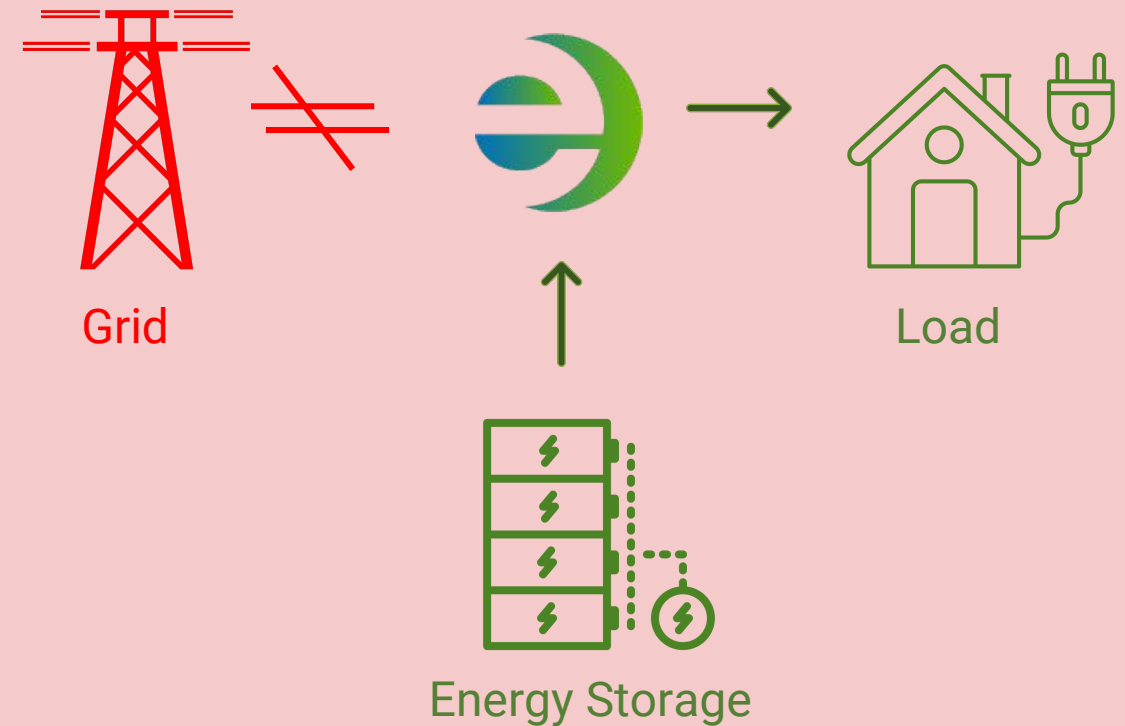
Offers the **lowest dollar per kWh** in the market

A System That Works Seamlessly

Normal State



Fail State





Two Backup Power Systems

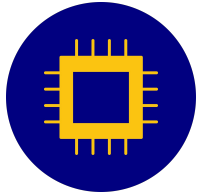
Residential
Solutions
For Critical
Systems

Residential
Whole Home
Systems



Backup Power For Critical Systems

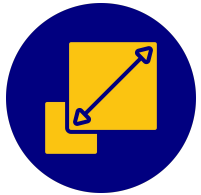
Backup Power Controlled by The Homeowner



Protects up to
12 circuits



Most cost effective
backup power system
on the market



Scalable for 1-4 Days
of Grid Outages



Long Service Life with
12-year warranty

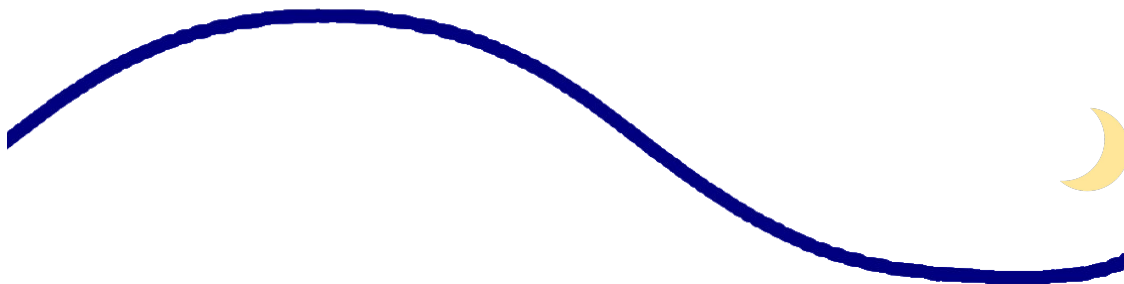


Backup Power For The Whole home

Manage The Home's Energy Use
For Increased Cost Savings



Use power supplied by
Electrafy during high peak rate



Charge system
at low peak rate



Designed, Built and Tested in North America



A Rigorous Approach to Design

The Electrafy system is certified to the requirements of **UL9540** and utilises a Braille **UL9540A** tested energy storage module

UL9540/9540A are standards with stringent design and testing criteria representing significant technical, time and cost hurdles

As of Sept 30, 2022 **UL9540** certified system approvals held by Canadian companies certified by either UL, CSA or Intertek is: **2**



A Trusted Benchmark

A **UL Listed label** indicates that the product has undergone **thorough safety testing** by Underwriters Laboratories, a top Nationally Recognized Testing Laboratory,

A UL certification means the product has met the Underwriters Laboratories **safety standards** for that product category.

Underwriters Laboratories is one of **the most trusted and recognized testing laboratories**, making UL the industry benchmark for safety certification in the United States and Canada.



Why Backup Power?

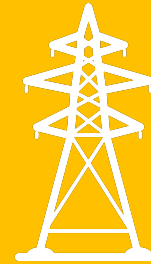
The Need For Backup Power is Growing



Extreme Weather



Rolling Blackouts



Grid Instability



“There is a high risk of energy emergencies”

- The North American Electric Reliability Corporation

2022 Summer Reliability Assessment, May 2022



America's Power Grid Is Increasingly Unreliable

Behind a rising number of outages are new stresses on the system caused by aging power lines, a changing climate and a power-plant fleet rapidly going green



News Weather Sports ENC At Three Watch Live Submit Your Pictures Subscribe

Study shows extreme weather events are the main cause of increased power outages



Reuters

About 746000 still without power in Puerto Rico after Hurricane Fiona



The nation's electric grid is rapidly aging. A 2015 report from the U.S. Department of Energy concluded **70% of power transformers are 25 years of age or older, 60% of circuit breakers are 30 years or older and 70% of transmission lines are 25 years or older.**

Jul 25, 2018

<https://www.utilitydive.com/news/aging-grids-drive-51b-in-annual-utility-distribution-spending/>

Aging grids drive \$51B in annual utility distribution spending

The Washington Post

Democracy Dies in Darkness

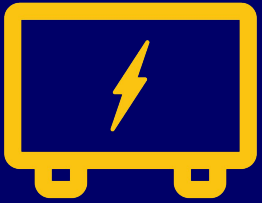
Sign

In the punishing heat wave that has struck the Pacific Northwest, about 17,000 electricity customers were without power in Washington state on Monday evening. Nearly 20,000 more were in blackouts in Idaho, Oregon, California and Nevada. Those aren't devastating numbers, but they are a reminder that the electric grid in America is frayed and always operating close to the edge.

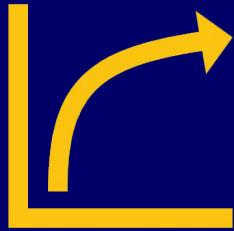
There is a critical need for energy storage systems to **PROVIDE CONTINUOUS POWER** availability *under any circumstance* for residential and commercial users

Why Invest in Braille Energy Systems Inc?

The Market Already Exists



200K+ residential generators sold in NA every year



Trend to convert to electrochemical solutions is underway



Severe weather events continue to expand in scale and frequency



Grid stress both unplanned outages and planned rolling blackouts



Housing Starts in the US is projected to trend around 1500.00 thousand units in 2023 and 1470.00 thousand units in 2024



Wealth
Management

A considerable share of the energy currently produced from fossil fuels will need to be replaced by energy from renewable sources, remembering that **demand for electricity will go on rising from current levels** as the world population grows and many activities, such as transport, become increasingly electrified.

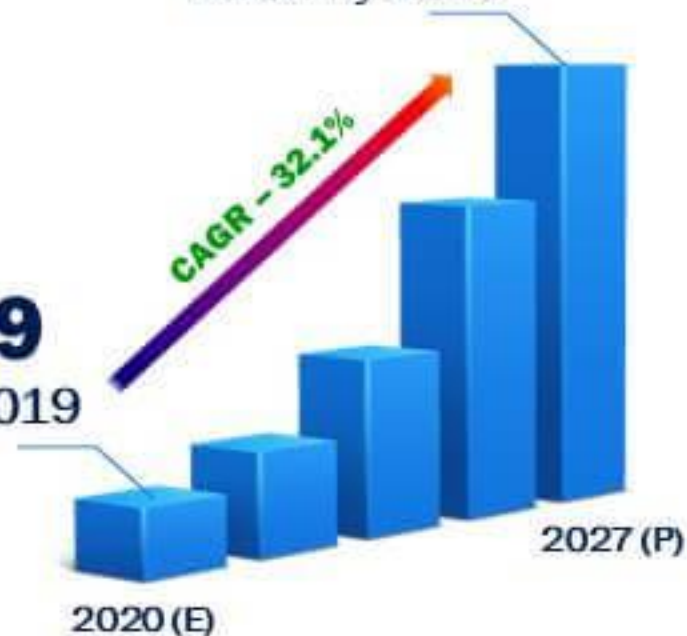
In short, the energy transition requires that within a few decades, the way energy is **produced, stored, transmitted, and consumed** will need to change.

According to IRENA, the International Renewable Energy Agency, an intergovernmental organization that supports countries in their transition to greater reliance on sustainable energy, **\$110 trillion will need to be invested over the next 30 years** to realise the global energy transformation.

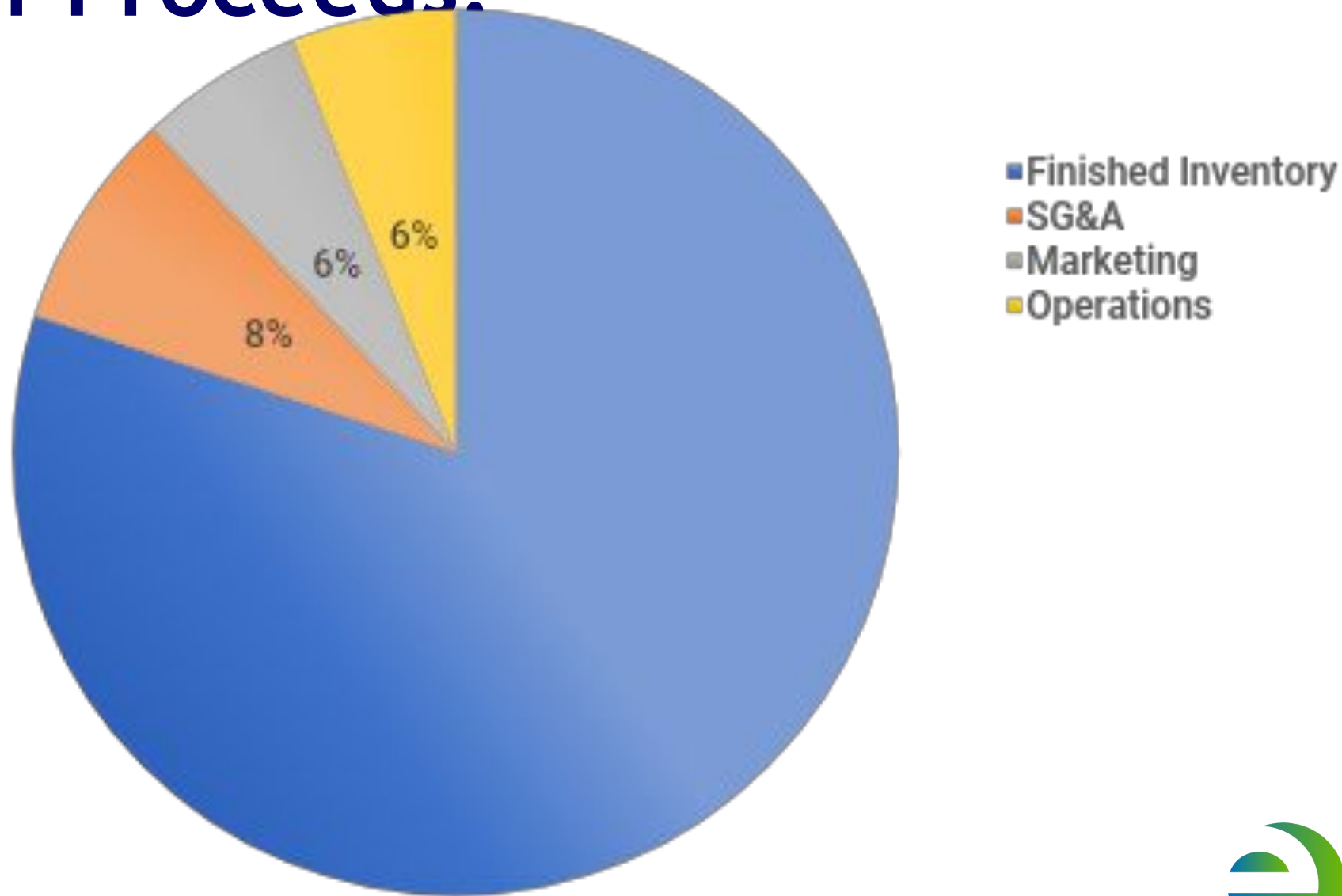
Global Battery Energy Storage System Market, 2020-2027

\$23.23
Billion by 2027

\$3.69
Billion in 2019



Use Of Proceeds:



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Braille Battery Inc

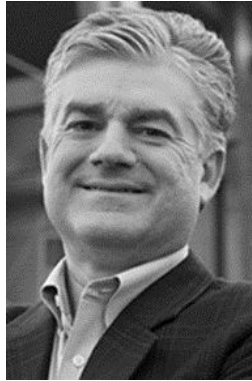


A **world leader** in ultra-lightweight, high performance lithium batteries



The Team: Key Board Members, Advisors and Leaders

A strong track record of scaling businesses and delivering shareholder value and all with ownership interest in the business



JEFFREY YORK
Chairman

- Founding Partner in the company, actively involved
- Former CEO of Giant Tiger and Farm Boy Inc.
- Led sale of Farm Boy to Sobeys for \$800M



LINDSAY WEATHERDON
President & CEO

- Over 30 years experience in leadership roles with NA Organizations
- Has held various roles within Braille Battery Inc over past 8 years
- Has led the transformation of Braille Energy Systems into Energy Storage



IVAN GISSING
General Manager
& CTO

- 30 years of experience successfully leading companies in product development and commercialization of disruptive technologies for the industrial power market.
- Has led innovative product development/market strategies for companies such as Melcher, BAE, Varta and Harper Detroit Diesel.



MARC ROY
Board Member

- 25 years of global experience in executive management roles
- Extensive global experience in mergers and acquisitions
- Track record in delivering results while leading transitioning companies

Join Us In This Investment Opportunity

