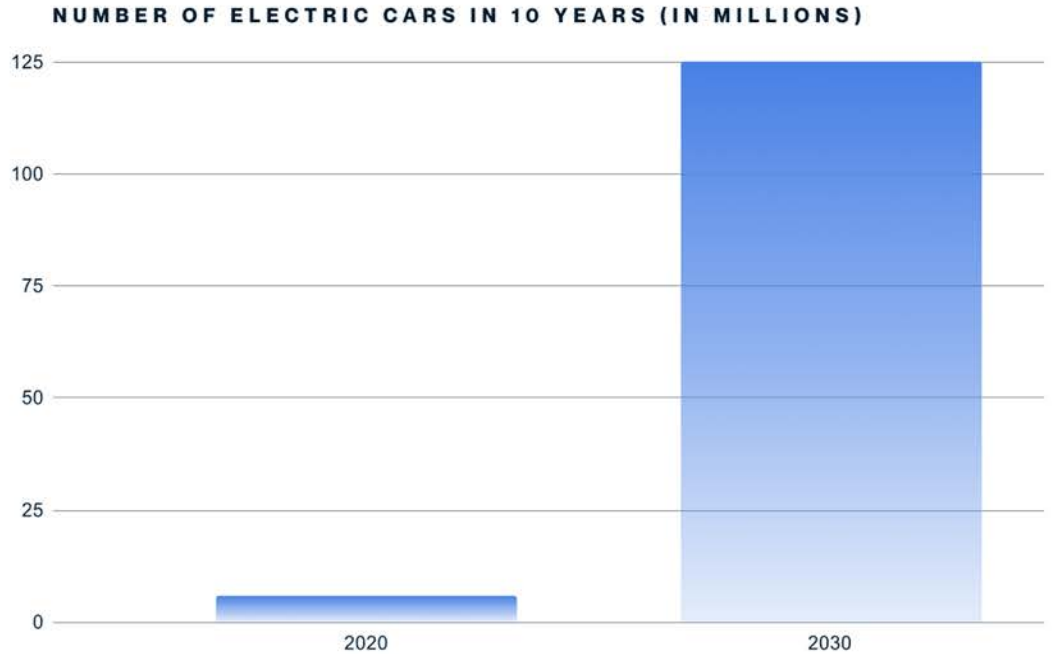




Moment provides clean, affordable, and reliable energy storage by repurposing retired electric vehicle batteries.



Why should EV batteries be repurposed?



01

Regulatory pressures to create a circular economy

02

High discharge capability compared to new lithium batteries

03

80% average capacity left when retired from the car

Our energy storage systems serve on-grid and off-grid commercial applications



Remote lodges, mining sites, and aquaculture can leverage intermittent renewables or reduce diesel consumption with energy storage.



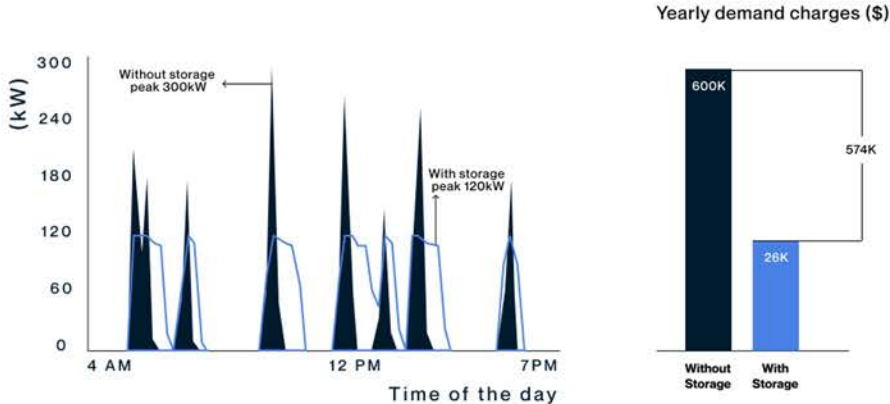
Commercial and industrial facilities can cut utility costs by hundreds of thousands per year with energy storage for peak shaving.

Installing Moment Energy's ESS in Ontario results in a reduction of:

\$574,000/year in demand charges*

**This model requires a \$850,000 up front fee*

How?



Lifetime Value



7 Years



ROI 1.46 Years



3500 Cycles

Our Goals



Increase access to clean energy

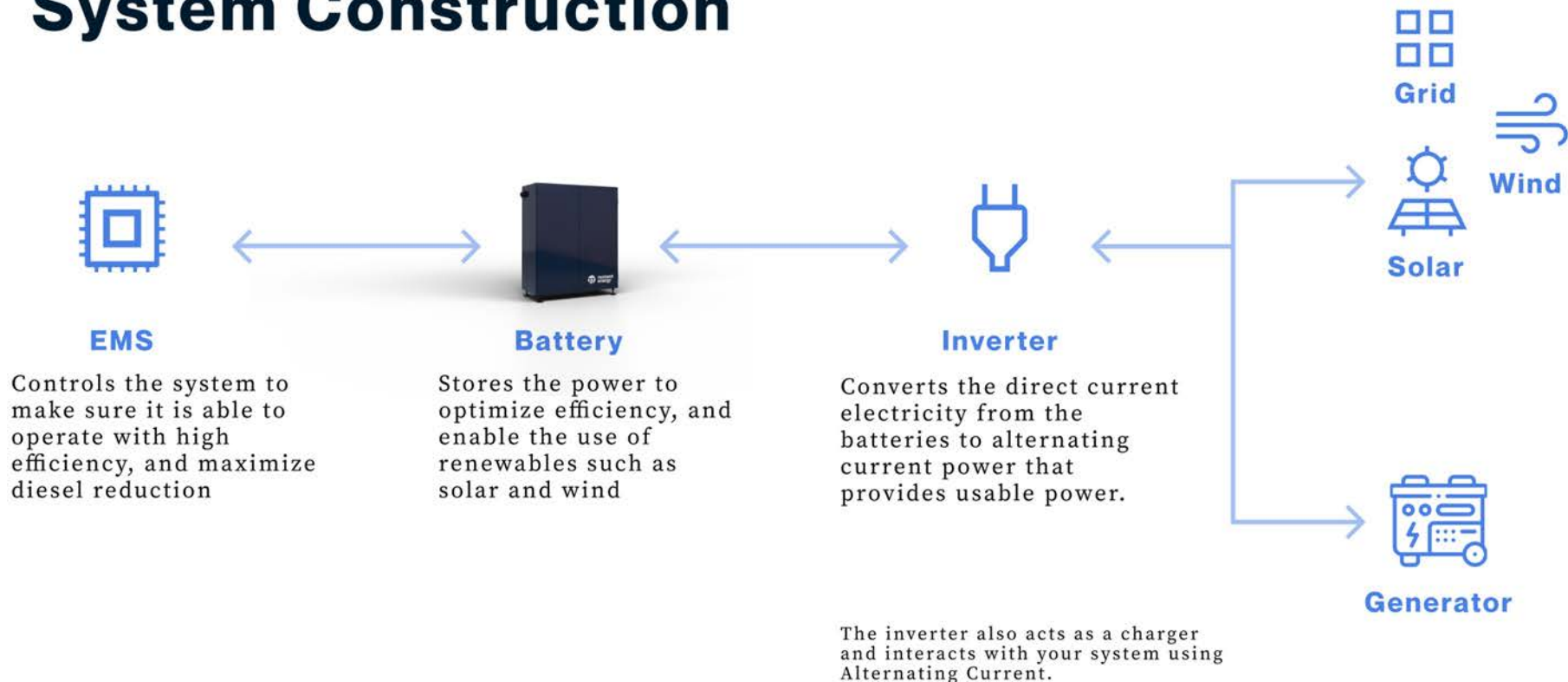


Reduce energy costs

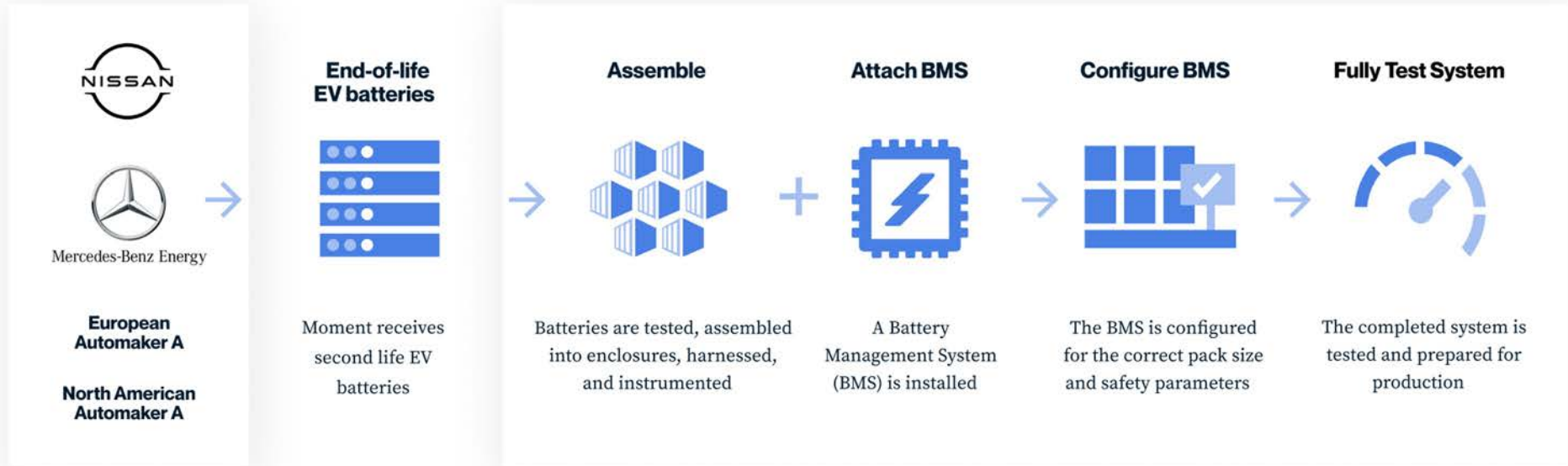


Enable fast charging

System Construction



We work with major automakers to reconfigure retired EV batteries into energy storage systems.



Flora Compared to Tesla Powerpack

	Moment Energy Flora	Tesla Powerpack
Cost (USD)	\$118,000.00	\$200,000.00
Cost Per Cycle (USD)	\$33.71	\$40.00
Cycle Life (Cycles)	3500	5000
Usable Capacity (kWh)	240	232
Available Power (kVA)	200	130
Capacity at End of Life (kWh)	168	185.6
Warranty (Years)	7	10

Proprietary Battery Management System

Optimized for
Second-Life Batteries



Optimize performance when combining batteries with varying states of health in a single pack.



Real-time advanced estimations of remaining capacity and state of health.



Improves with each deployment and its duration of use, as data is remotely collected to continuously optimize the BMS.

Supply

Partnered with 4 major automakers for EV battery supply chain.



Mercedes-Benz Energy

+ **2** major
automakers

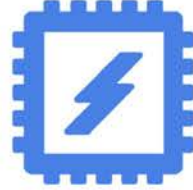
How we win.



2/3 the price of new lithium batteries with similar lifespan



Market-leading discharge capability compared to new lithium batteries

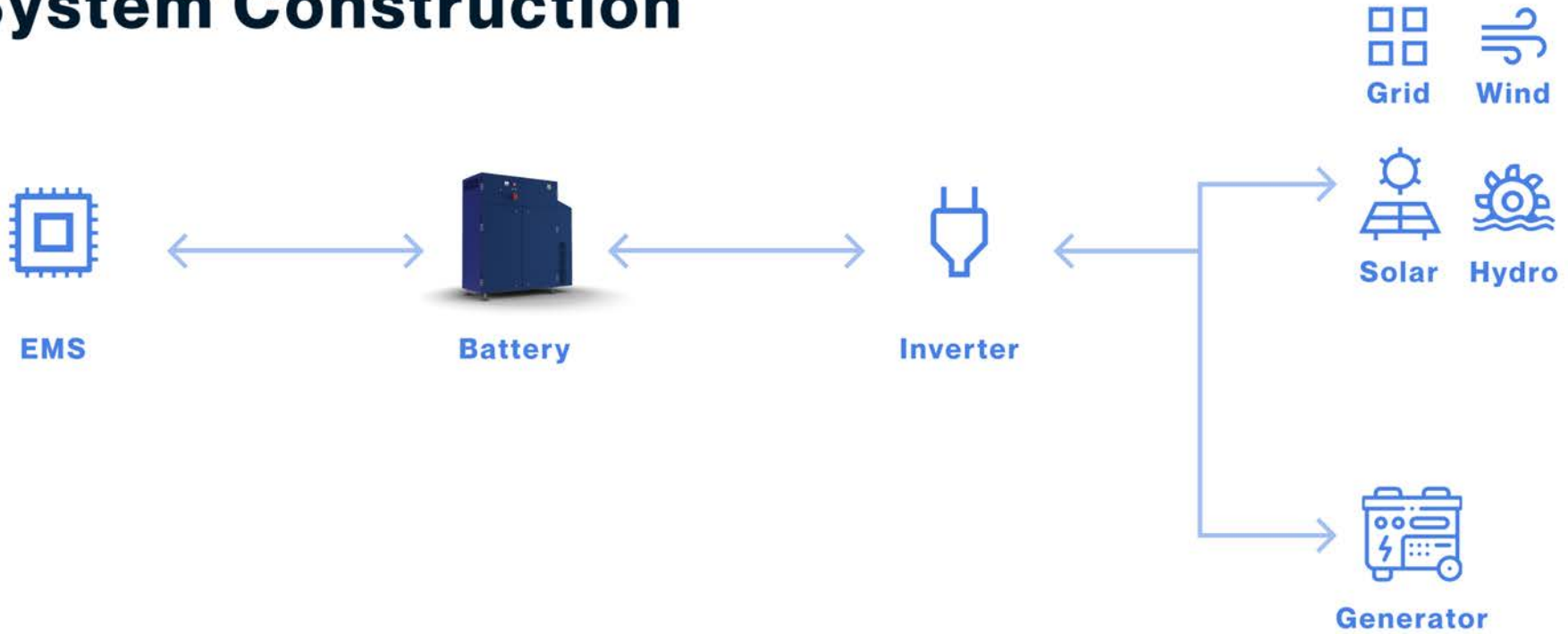


Battery management system optimized for second life batteries



A sustainable solution that helps our customers meet their ESG goals

System Construction



Our Projects

Our projects have reduced diesel dependence in off-grid areas in BC and Alberta. We have also supported renewable technology development at the Canadian Hydrokinetic Turbine Test Centre (CHTTC) in Manitoba.

PORT HARDY,
BC

WESTLOCK COUNTY,
AB

QUADRA ISLAND,
BC

SEVEN SISTERS FALL,
MB

MICHIGAN

OTTAWA, ON

CHARLOTTE,
NC

MONTREAL, QC

Dalhousie University
HALIFAX, NS



120kWh

Flora Energy Storage System



48kWh capacity
per unit



40kVA max power
per unit



480 V 3 Phase; transform
to 600V or 208V



Modular form factor
provides expansion
and flexibility



Stackable 48kWh
building blocks

Our Impact

Our customers achieve their financial and environmental goals with Moment Energy.



Reduce operating costs



Reduce peak demand



Reduce GHG emissions



Enable renewable energy



Comply with ESG indicators



Contributes to a circular economy

Moment Energy fulfills 11 out of the UN's 17



SUSTAINABLE DEVELOPMENT GOALS

7 AFFORDABLE AND CLEAN ENERGY



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



OUR ASK

Support us with:



Certification

Project deployments on-grid will provide data to obtain UL certification



On-Grid LOIs

Providing LOIs for on-grid project opportunities in Canadian and US markets.



Strategic Alliances:

We want to partner with companies that can provide project opportunities and support.

CONTACT

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