

Holistic Energy Solutions

ENERGY SOLUTIONS For American Operations



In the last few years, a quiet collision of technological, financial, and political innovations has opened the doors to a once-in-a-century energy revolution. Discerning leaders aiming to participate and thrive in this revolution now have the opportunity to deploy holistic energy strategies to:

- Capture Sunk Costs and Re-invest
- Build Energy Security
- Slash Carbon Footprint
- Gain ESG Marketing Advantages
- Create 6-7 figures of Asset Value

Yet, all the noise and misconceptions around energy cause crippling spouts of inaction throughout the project development process.

Ehbed Energy exists to be a catalyst of the energy revolution by serving and equipping the leaders of American Operations with a clear path to WIN in the Energy Revolution.

Our clients receive Master Energy Strategies built with innovative engineering, and cutting edge financial/legal tactics that eliminate upfront cost, multiply savings, and empower an organizations to join our mission to Slash Cost and Serve Earth.

Slash Cost | Serve Earth







Development:

Slash Cost | Serve Earth

Ehbed is a purpose-built energy developer committed to being a catalyst to America's energy transition.

Much like commercial real estate developers leverage expertise to create cash-flowing assets, Ehbed Energy develops holistic energy initiatives that cut through the noise and create palpable, profitable energy changes.

Service to our country is a core value of Ehbed, 10% of net company profits are donated to help Americans train and transition to careers in renewable energy.



HOLISTIC DEVELOPMENT

The conversation around creating a holistic, productive, and positive impact on energy is centered around reducing the amount of energy an operation uses, and producing energy in a way that's cleaner, cheaper, and more secure.

Get Started

Scan our QR code to get an initial consultation.



Reduce

Before talking about better ways to make power, it's imperative to make an operation as lean as possible.

Our engineers diagnose, analyze, and create optimized plans utilizing 20+ technologies to streamline energy consumption in an operation

Produce

Simply put: solar is just a start. For many commercial operations, robust energy demand isn't addressed by solar alone.

Pairing solar with complementary tech like CHP turbines, wind, and battery storage, known as **co-generation**, has fostered the creation of next-generation power plants which make energy that's cheaper, cleaner, and doesn't. go. out.

TECHNOLOGY AGNOSTIC

Being technology agnostic ensures operations utalize solutions that make the best business case rather than fitting themselves into a limited offering.

Energy Efficiency (Reduce)

- LED Lighting
- HVAC
- Cooling Optimizaiton
- Insulation
- Smart Controls
- 20 + More technologies.

Energy Generation (Produce)

- Solar PV Systems
- Combined Heat & Power Turbines
- Wind Energy
- Energy Storage and Backup
- Next-era, constant power generators

ENERGY DEVELOPMENT PROCESS ANY STRONG HOLISTIC ENERGY PROJECT REQUIRES DATA ACQUISITION AND A

PHASE I

CLEAR PATH TO FOLLOW

DISCOVERY AND CONSULTATION EXPLORING DATA AND OPPORTUNITIES

PHASE II

1ST GLANCE | FINANCIAL STRATEGY

PHASE III

SCOPE OF WORK OPTIMIZE ATTACK PLAN | PREPARE DEPLOYMENT

PHASE IV QUALIFY, ENGINEER & INSTALL SECURE FINANCING | BOOTS ON THE GROUND

PHASE V

POST-INSTALL CARE MONITORING | MAINTENANCE | COMMUNITY



DEPLOYING NEXT GEN POWER PLANTS

Co-generation creates clean, reliable power on-site.

COMMERCIAL ENERGY INNOVATION

Is being driven by holistic appraoches to using clean power and sustainable tech.

Co-generation: the pairing of multiple power generation sources (like solar and CHP turbines) creates custom, clean power plants that produce all of the energy an operation.

These power plants act as income properties for a business and are made accessible through streamlined engineering and innovative financial strategies. Rather than paying energy as a sunk cost to a utility, a business can own or have choice in its means of energy production through cogeneration and alternate power sources.

Pairing efficiency measures with better power production is the one two punch that maximizes savings, security and environmental impact.

By building a foundational of financial partners, we can offer an array of financial offerings to make these initiatives accessable to all.



OWN YOUR POWER

Contract of Barris

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The second sectors to

CHOOSE A BETTER POWER COMPANY

NOTHING OUT OF POCKET | PAY LESS FOR CLEANER POWER

HYBRID-X CUSTOM, HYBRID INVESTMENTS FACTORS DRIVING AN EVOLUTION OF THE ENERGY INDUSTRY

> TECHNOLOGIES ECONOMICS FINANCING



A REVOLUTION HITS FULL TILT

The last few years have ushered an intersection of multiple factors that have scaled the renewable energy transition. Cost of resources, investment options, and innovation in pairing technologies mean that we have ACCESS to PARTICIPATE IN THE ENERGY REVOLUTION.

GRID PARITY

Energy from renewable sources is now cheaper than traditional energy sources. Solar equipment prices fell 80% in the last 7 years as energy rates have risen.



MICRO-GRIDS

Micro-grids are set up to produce and store an accurate amount of energy for an efficient operation's power demand.

PRIVATE INVESTMENT

Energy investments are reliably profitable and low risk.

90% of all new power generation investments from institutions are going toward renewable energy projects.

TIME

AVOIDED COST Commercial Energy Billing

For energy efficiency AND generation technologies, an important consideration in the development and financing for a project has to do with the long-term savings that those technologies drive.

Innovation in institutional banking for energy projects has now lead us to major advancements in the deployment of holistic energy projects.

ENERGY SAVINGS GUARANTEE

HEAVY DEMAND PROJECTS & PUBLIC SECTOR OPERATIONS

- Working with our partner organization on large demand and public sector projects allows us to back-up engineered energy savings with an insurance policy.
 - This is exclusive to public sector and large demand energy users.





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ENERGY OPTIONS BASED ON POWER DEMAND

LITE USE

m,mMaybe only some solar and a single efficiency tech Makes it mmm mm for you

STANDARD COMMERCIAL

Thers energy users everywehre that fall into THIS category. Get a combo of energy generation and efficiency for eggselint pricing mhm.

HEAVY USE

Can we shout out to the big power pups?! Woof. These are the industrial noodles, the governments, the big energy users. And guess what? At this size it's fricking guarantEED.

Energy Incentives Fueling Investment

The energy industry is one of America's top job creators. Developing a profitable energy solution is, in part, hinged on an ability to capture incentives.

The following incentives are available to operations and private investors as a means to incentify the adoption of the next-gen power tech while creating the type of jobs our country so desperately needs.

A hallmark of Ehbed's strategy is combining system design with financial strategies that allow multiple parties to participate and profit from energy systems and incentives.



Federal Tax Credits

- Renewable ITC: 26% of a clean energy proj comes back in dollar for dollar tax credits
- MACRS Depreciation
 - Accelerated bonus depreciaton subsidizes another 20-25% of a project's price

State Programs

 REC Programs: State programs offer direct cash rebates for clean energy tech

Utility Rebates

 Tech-Driven: many utililties ane some states offer rebate programs for efficiency measures and clean power

Solar as a Pillar of Energy Strategy

Since the 1950's the baseline technology behind solar hasn't been altered, but rather, meticulously streamlined to fit the demands of the 21st century.

Solar today is paired with smart meters, storage technologies, and accurately sized building demand to make sure every sun-hour counts. Seizing the trend in paining solar technologies for efficiency; pairing with multiple generation technologies allows for the entirety of a building's demand to be met with on-site energy production.

Panels Capture Energy from Sun

Tier 1 panels are custom mounted and capture solar rays.

Micro inverters run along little wires in the PV membrane cells take electricity made by the silicone solar membranes and converts it to energy that your operation can use.

Inverters

Smart Inverters convert raw DC solar power into usable AC power.

3. Net Metering

Net metering tracks the power your system produces and how much is sent back to the grid.

4.

Smart Technology

Cloud infrastructure connects your system online, so your system can be monitored for performance.



Insurance & Warranties Tier 1 Panels: 25 Years Install: 25 Years

ENERGY EFFICIENCY TECHNOLOGIES

REDUCE THE ENERGY DEMAND TO ACCURATELY **PRODUCE** POWER

REDUCE THE ENERGY DEMAND TO ACCURATELY **PRODUCE** POWER

Adding custom efficiency solutions is dependant on the demand size of an operation. The larger demand for energy in an operation = the heavier the efficiency technologies will impact the cash flow of a holistic energy project.

- LED Lighting
- HVAC
- Cooling Optimizaiton
- Insulation
- Smart Controls
- 20 + More technologies.



Energy Efficiency & Solar

• • •

[&] **STORAGE**

Why look into this?

Solar alone often is not enough. Batteries store energy and modern CHP generators make loads of cheap energy. Both provide access to energy on-demand.

Strategically using either technology in the development of a holistic energy project can grow savings exponentially.

Peak Shaving

Peak shaving is using stored or on demand energy to reduce the amount of energy pulled from the grid during peak/expensive usage times.

CHP Generation

- Increases offset
- Provides power security through backup
- Peak Shaving
- MACRS Qualified

Battery Storage

- Subvert net metering laws
- Provide power security through backup.
- Peak Shaving
- MACRS Qualified

*Does not create/grow offset

Combined Heat & Power: Micro-Turbines

- Burn natural gas in a hyper-efficient way to create heat and power.
- Provide power interruption security and back up.
- Create heavy offsets where solar can not tackle demand charges by "peak-shaving"
- This technology is leading the way for a transition to future clean hydrogen use.



TECHNOLOGIES ECONOMICS & FINANCING

ALL COMING TOGETHER TO DRIVE THE ENERGY REVOLUTION

LEVERAGING PARTNERSHIPS

Our exclusive partnership with CLS Sustainable allows us to bank on worldclass engineering and unbeatable pricing from some of the most experienced energy engineers in the U.S.

Pairing financial and consultive expertise with world-class engineering, we can deploy reliable energy systems and ensure unmatched value to operations and portfolios.



A FEW SATISFIED CLIENTS



BOYS & GIRLS CLUBS OF AMERICA





SCHEDULE A HOLSTIC ENERGY DISCOVERY CALL

Schedule a discovery call by email: slashcostserverearth@ehbedenergy.com

- or -

Scan the code below with your smartphone





"To sit home, read one's favorite paper, and scoff at the misdeeds of the men who do things is easy, but it is markedly ineffective.

It is what evil men count upon the good men doing."

-Teddy Roosevelt

