CEBA + CEBI

CLEAN ENERGY BUYERS ALLIANCE

CUSTOMER-DRIVEN CLEAN ENERGY FOR ALL.

2030 STRATEGIC PLAN

UPDATED: JANUARY 2023

MESSAGE FROM THE CEO

Dear colleagues, fellow citizens of this one planet, and friends—

Now is the time to be bold. Now is the time to act big. Now is the time for energy customers to take the helm of the clean energy transition.

The Clean Energy Buyers Alliance has launched bold leadership ambitions for this decisive decade for climate action:
a 90% carbon-free U.S. electricity system by 2030, and a global community of energy customers driving carbon-free energy around the world.

We are a community. We can't do it alone, and we must solve take on climate action together. We are institutional energy customers who partner with clean energy providers, business partners, leading environmental NGOs, and top climate-focused philanthropies, to drive a powerful vision: **customer-driven clean energy for all.**

The Clean Energy Buyers Alliance was originally established in 2019, after five years of incubation fostered by four powerful non-profit organizations — RMI, BSR, World Resources Institute, and World Wildlife Fund. CEBA accelerated decarbonization by activating a community of over 280 members— representing $7 trillion in annual revenues and 16 million employees—to advance market and policy solutions. And it worked. Institutional energy customers have accounted for about 20% of all new carbon-free electricity capacity added to the U.S. grid since 2014.

In 2021, we undertook a strategic planning process to garner learnings from our pilot and proof of concept years and look to the future.

Our process included member surveys, staff and member interviews and focus groups, multiple Board meetings and workshops and engagement of outside advisors and experts. Coupled with a state of the energy literature review, an organizational review involving both staff surveys alongside important and meaningful work on our CEBA Diversity Equity Inclusion and Justice Review, we listened, learned and envisioned our role ahead. Throughout, we engaged a dedicated Task Force to reimagine our role in bringing about transformative change. Thank you to the many Board members, member companies, partner and peer organizations and CEBA staff who participated!

We have a clear-eyed understanding of the challenge. Limiting global warming to 1.5° will require almost 50% CO_2 reduction by 2030, reaching 'net-zero' around 2050. Large clean energy customers have a critical role, and we are laser-focused on a vision of customer-driven clean energy for all.

The strength of our organization has been – and always will be – rooted in our team of people and our efforts to develop solutions and advocate for a decarbonized energy system. By activating a community of energy customers and partners to deploy market and policy solutions for a carbon-free energy system, coupled with solving the toughest market and policy barriers to achieve a carbon-free energy system, we can accelerate this transition.

We are delighted to unveil this 2030 Strategic Plan and to continue our partnership in meeting this call to action.

Onward,

Miranda Ballentine

Executive Summary

The Clean Energy Buyers Alliance has bold ambitions: **a 90% carbon-free U.S. electricity system by 2030, and a global community of energy customers driving carbon-free energy around the world.** We are a community of institutional energy customers who partner with clean energy providers, business partners, leading environmental NGOs, and the top climate-focused philanthropies, to drive a powerful vision: **customer-driven clean energy for all.**

THE **CHALLENGE:** Decarbonizing the Power Sector

We are in the decisive decade for climate action, and to fully decarbonize the global economy by 2050, our electricity systems must become clean even faster, requiring a three-fold increase in clean energy investments. As the second largest emitter of greenhouse gases in the world, the U.S. must lead. With over 60% of U.S. electricity consumed by commercial and industrial companies, energy customers play a key role.

THE **OPPORTUNITY:** Scaling Affordable Clean Energy and Decarbonizing the Grid by Leveraging Demand

Over the last decade, rapid deployment of renewables has increased the carbon-free energy mix in the U.S. grid to 40%, steadily reducing emissions from the electric power sector. The Alliance's progress to date has served to reinforce our conviction that our theory of change works—**large clean energy customers have the buying power and the influence to play an outsized and critical role in achieving a decarbonized grid.**

THE **METHOD:** The Sum is Greater than the Parts

The Clean Energy Buyers Alliance is a consortium of two organizations, the Clean Energy Buyers Association (CEBA), a 501(c)(6) business trade organization, plus the Clean Energy Buyers Institute (CEBI), a 501(c)(3) charitable nonprofit, whose missions and methods are complementary. As a business trade association, CEBA activates a community of energy customers and partners to deploy market and policy solutions for a carbon-free energy system. Complementing CEBA as a public-good charity, CEBI solves the toughest market and policy barriers to achieve a carbon-free energy system.

THE **STRATEGY:** Pathways to Impact

To achieve a 90% carbon-free U.S. electricity system by 2030, the Buyers Alliance drives three transformations: **Unlocking markets for energy customers** to use market demand to accelerate electricity decarbonization; **Catalyzing communities of customers** to rapidly deploy and do more than they could do on their own; and **Decarbonizing the grid for all**, including those who can't or won't participate in markets.

Energy customers have already contracted for more than 47 gigawatts (GW) of renewable energy—about 20% of all wind and solar capacity in the U.S.—driving down air pollution and lowering energy costs for American businesses and families. In 2021, voluntary energy customers contracted for 11.06 GW of clean energy—the equivalent of 40% of all new carbon-free capacity installed that year. The Alliance accelerates clean energy transactions by educating and empowering energy customers. We also accelerate decarbonization by activating a community of over 280 members—representing $7 trillion in annual revenues and 16 million employees—to advance market and policy solutions.

CEBA + CEBI

Table of Contents

Thank you

2030 Task Force & Strategy Team

2030 TASK FORCE

Miranda Ballentine
Chief Executive Officer
CEBA

Michael Terrell
Director, Data Center Energy & Sustainability
Google

Marty Pickett
Managing Director & General Counsel
RMI

Marty Spitzer
Senior Director, Climate & Energy
World Wildlife Fund

Peter Freed
Energy Strategy Manager
Meta

Max Scher
Senior Manager, Sustainability
Salesforce

Rob Threlkeld
Senior Manager, Energy Strategy & Grid Decarbonization
General Motors

2030 STRATEGY TEAM

Jeremy Madsen
Phase I Lead Consultant

Angela Bonarrigo
Phase II Lead Consultant

Kyla Aiuto
Strategy Associate
CEBA

Vic Arrington
Senior Advisor
CEBA

Debra Montanino
Philanthropic Advisor

Monica Jaburg
Director, Strategic Communications
CEBA

Marisa Long
Executive Vice President
Inspire PR Group

“The Clean Energy Buyers Alliance is setting the bar for what energy customers, utilities and governments should and need to be doing to achieve a carbon-free energy future.

This ambitious approach is a critical step in tackling climate change. The time for meaningful climate action is now and we must collectively be bolder and more ambitious in our actions in both the public and private sectors – starting today.”

- Michael Terrell, CEBA Board Chair and Director of Energy, Google

“The Alliance is unique in that energy customers are at the core of our work to lead the transformation of the energy market and drive decarbonization.

As we look to the future, CEBA and CEBI are poised to propel the thought-leadership and market-advocacy needed to solve the toughest policy and market barriers for the benefit of society.”

- Marty Pickett, CEBI Board Chair and Managing Director, RMI

01. The Challenge: Decarbonizing the Power Sector

We are in the decisive decade for climate action. To fully decarbonize the global economy by 2050 the electricity system must become clean even faster, requiring a three-fold increase in clean energy investments. As the second largest emitter of greenhouse gases in the world, the U.S. must lead. With over 60% of U.S. electricity consumed by commercial and industrial companies, energy customers play a key role in accelerating the use of carbon-free energy.

THE GLOBAL CHALLENGE

Limiting global warming to 1.5°C will require **almost 50% CO_2 reduction by 2030, reaching 'net-zero' around 2050[1].**

Decarbonizing Electricity is Not Easy

60% decarbonization of global power production by 2030 necessary to meet IPCC goals[2].

80-90% of the U.S. electricity system must be carbon-free by 2030—and it's possible [3–11].

Global Investment In Clean Energy Must Triple by 2030

"The world's hugely encouraging clean energy momentum is running up against the stubborn incumbency of fossil fuels in our energy systems," IEA Executive Director Fatih Birol said, urging governments to resolve this at COP26[12].

"The social and economic benefits of accelerating clean energy transitions are huge, and the costs of inaction are immense[12]."

The U.S. Must Lead

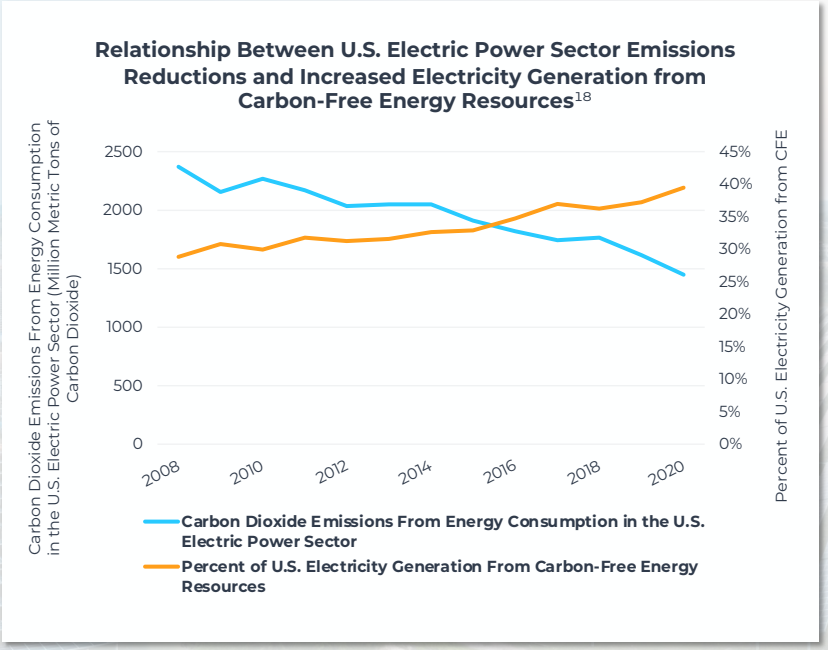
THE U.S. IS THE SECOND LARGEST EMITTER OF GLOBAL GHGs, CAUSING **12-15% OF ANNUAL EMISSIONS[13].**

Electricity production accounts for 28% of U.S. emissions[14].

02. The Opportunity: Scaling Affordable Clean Energy and Decarbonizing the Grid

Energy customers have already contracted more than 64.6 gigawatts (GW) of renewable energy—about 20% of all wind and solar capacity in the U.S.—driving down air pollution and lowering energy costs for American businesses and families. In 2022, voluntary energy customers contracted for 16.9 GW of clean energy—the equivalent of 40% of all new carbon-free capacity installed that year – demonstrating the influence demand for clean energy can have on energy markets.

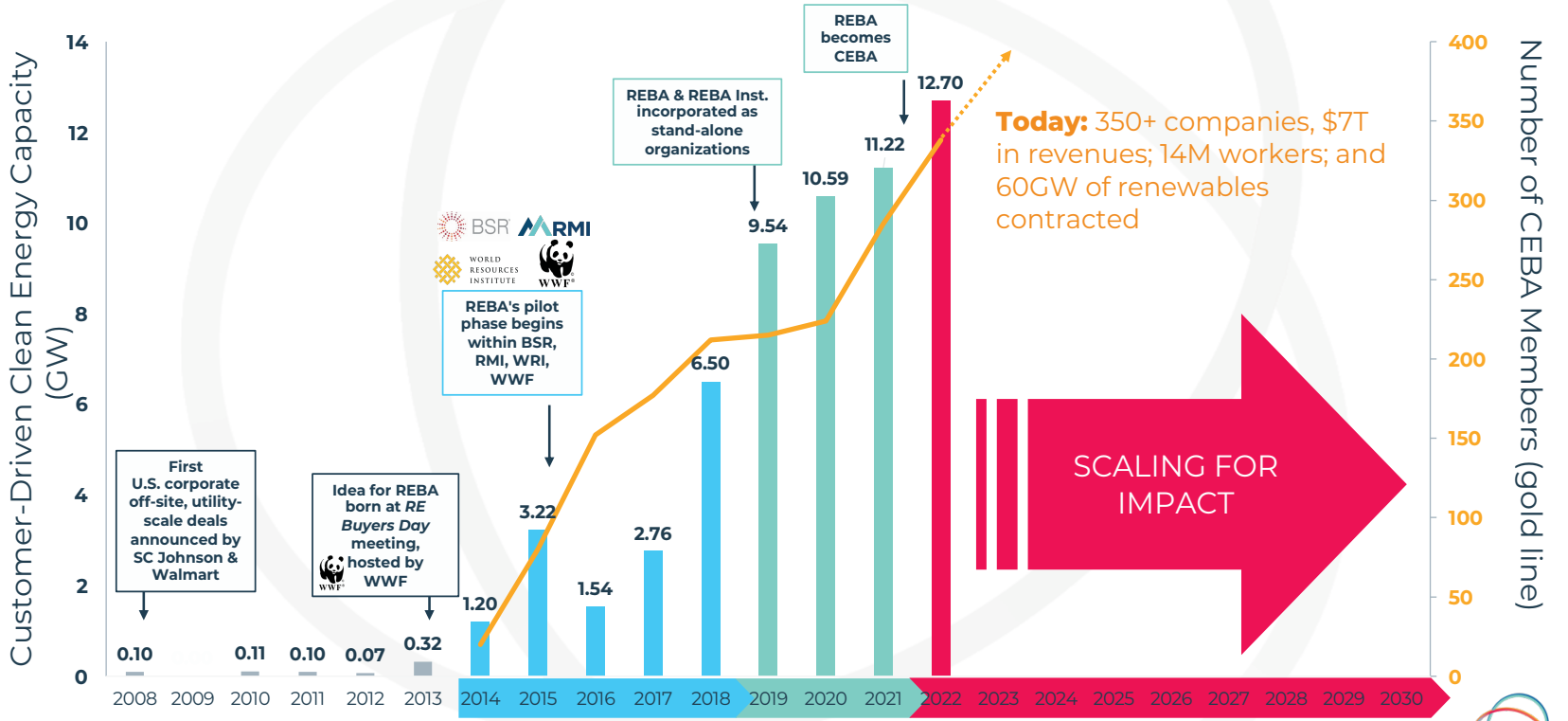
Energy Customers Can Accelerate the Transition



In the U.S.,

- Approximately 60% of electricity is used by the commercial & industrial (C&I) sectors[15]
- C&I sectors are largest cause of energy-related greenhouse gas emissions[16]
- Energy customers have led the transition to clean energy with over 64.6GW of renewable energy transactions since 2008[17]

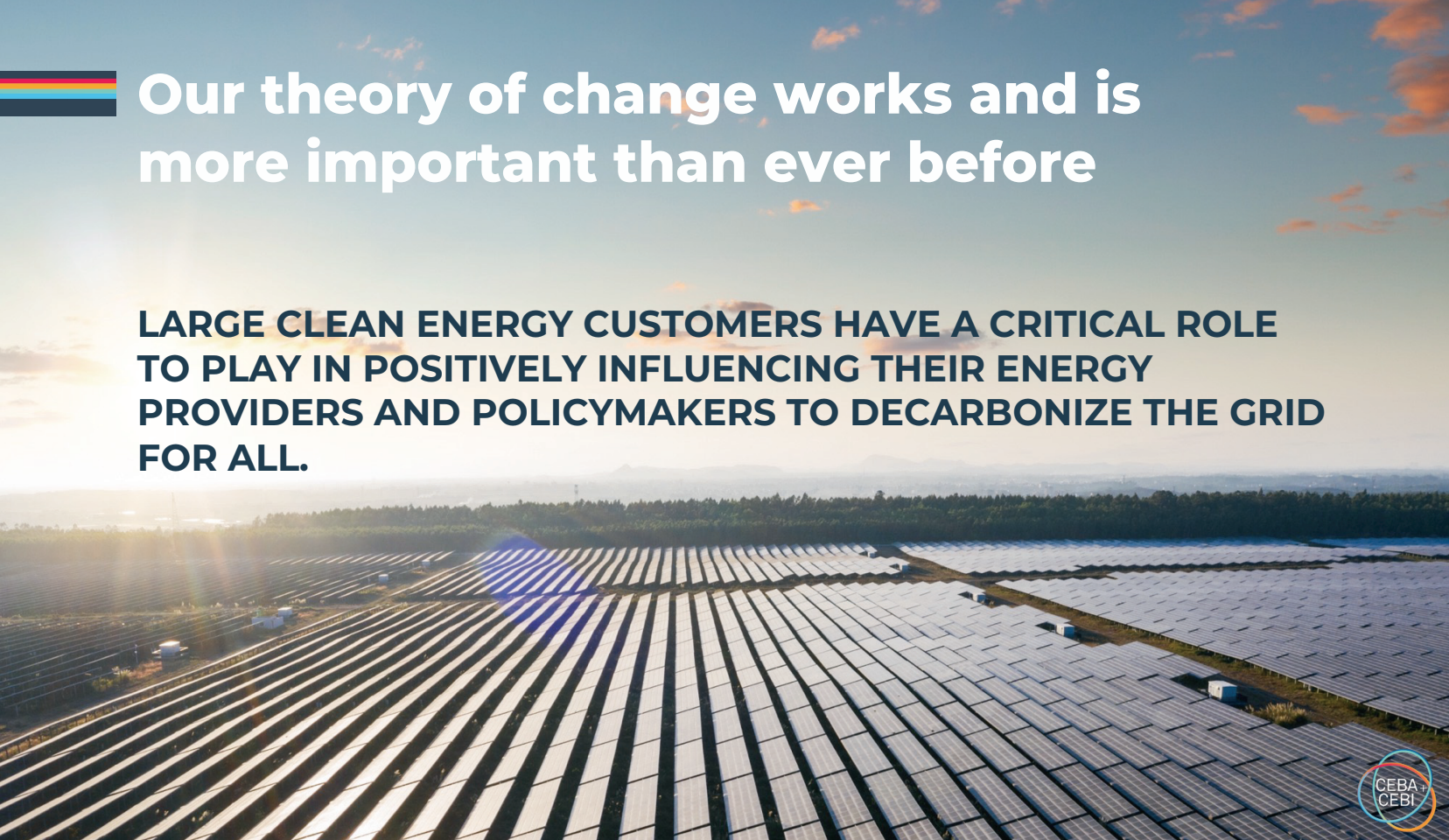
CEBA's Journey



Updated as of December 5, 2022

Our theory of change works and is more important than ever before

LARGE CLEAN ENERGY CUSTOMERS HAVE A CRITICAL ROLE TO PLAY IN POSITIVELY INFLUENCING THEIR ENERGY PROVIDERS AND POLICYMAKERS TO DECARBONIZE THE GRID FOR ALL.



Our vision of customer-driven clean energy for all requires repositioning for the decisive decade

OUR BOLD, NEW AMBITION:

By 2030, achieve a 90% carbon-free U.S. electricity system and cultivate a global community of customers driving clean energy.

03. The Method: The Clean Energy Buyers Alliance is Greater than the Sum of its Parts

The Clean Energy Buyers Alliance is a consortium of two organizations, the Clean Energy Buyers Association (CEBA), a 501(c)(6) business trade organization, plus the Clean Energy Buyers Institute (CEBI), a 501(c)(3) charitable nonprofit, whose missions and methods are complementary.

As a business trade association, CEBA activates a community of energy customers and partners to deploy market and policy solutions for a carbon-free energy system. Complementing CEBA as a public-good charity, CEBI solves the toughest market and policy barriers to achieve a carbon-free energy system.

The Alliance was originally established in 2019, after five years of incubation and growth fostered by four influential non-profit organizations—RMI, BSR, World Resources Institute, and the World Wildlife Fund. The Alliance is uniquely positioned to convene energy consumers, industry members, non-profits, regulators, leading philanthropies, and policymakers to bridge sectors and build powerful coalitions to effect change.

CEBA + CEBI

Two Organizations with Catalytic and Complementary Missions

CEBA
Clean Energy Buyers Association

The Clean Energy Buyers Association (CEBA), a business trade group, activates a community of energy customers and partners to deploy market and policy solutions for a carbon-free energy system.

CEBI
CLEAN ENERGY BUYERS INSTITUTE

The Clean Energy Buyers Institute (CEBI), a public charity organization, solves the toughest market and policy barriers to achieve a carbon-free energy system.

CEBA and CEBI Positioned for Transformative Change

INNOVATION
OF CUSTOMER-FOCUSED SOLUTIONS

- ✓ Sole organization focused on identifying energy *customers'* toughest barriers
- ✓ Deep expertise in both obvious and hidden barriers – forward looking and one-step ahead
- ✓ Known to generate, incubate, and drive customer-focused solutions

ACTIVATION
OF A COMMUNITY OF ENERGY CUSTOMERS & PARTNERS

- ✓ Largest customer-focused clean energy community with 350+ members/165 buyers; $7.2T revenues; 16.7M jobs
- ✓ Mobilization of buyers to do more together than apart
- ✓ Partnership oriented
- ✓ Go-to organization for energy customer perspectives

ACCELERATION
OF CLEAN ENERGY DEPLOYMENT

- ✓ Scaling C&I RE to 64.6 GW (94% of deals include CEBA members)
- ✓ Deeply effective peer-to-peer education and inspiration
- ✓ Unparalleled convenings
- ✓ Rapid deployment of demand-side best practices

04. The Strategy: Pathways to Impact

Despite great progress over the last decade, the U.S. is at risk of falling short of meeting both the market need and demand for clean energy. Only 40% of U.S. power generation comes from carbon-free energy sources as of 2020. To ensure we unlock markets for energy customers we need well-designed energy markets that allow customers to optimize for decarbonization, reliability, and cost. We also need utilities and retail providers to offer carbon-free energy options to customers.

Energy customers are essential to accelerating a just and carbon-free energy future, however, there is a gap in awareness and education for companies that want to reduce carbon emissions. Commercial and industrial sector multinational companies and their supply chains are responsible for 58% of global electricity. Catalyzing communities of energy customers will require exponential growth in energy customers prioritizing carbon-free energy and a global community of energy customers optimizing impact through collective climate action.

Public policies and utility programs are fragmented and hinder progress toward achieving the 45% reduction in economy-wide CO_2 emissions necessary by 2030 to limit climate impacts. To decarbonize the grid for all, we need effective government policies through local, state and federal governments, congressional leadership, and support from the Federal Energy Regulatory Commission. We must also foster collaborative relationships with utilities to ensure progress and partnership toward decarbonization goals.

Our 2030 Strategy Requires Three Market Transformations

OUR BOLD AMBITION...

90% decarbonized U.S. electricity system

Global community of clean energy customers

REQUIRES 3 TRANSFORMATIONS...

Unlock markets for energy customers

Catalyze customers deploying clean energy

Decarbonize the grid for all

DRIVEN BY 2 CATALYTIC ORGANIZATIONS...

CEBA
Clean Energy Buyers Association

Activating a community of energy customers and partners to deploy market and policy solutions for a carbon-free energy system.

CEBI
Clean Energy Buyers Institute

Solving the toughest market and policy barriers to achieve a carbon-free energy system.

Current and Future State of the Energy Market

Customer-driven clean energy for all.

CURRENT STATE

~40% decarbonized U.S. electricity system

community of ~400 clean energy customers

IMPACT STRATEGY SITS IN THE MIDDLE

Unlock Markets for Energy Customers

Catalyze Communities of Customers

Decarbonize the Grid For All

FUTURE STATE

90% decarbonized U.S. electricity system

Global community of clean energy customers

The Critical Market Transformations Necessary to Achieve our Aspiration

2030 AMBITION

90% decarbonized U.S. electricity system

Global community of clean energy customers

THREE PROGRAMMATIC PATHWAYS

Unlock markets for energy customers	Catalyze communities of customers	Decarbonize the grid for all
2030 IMPACT OUTCOME		
Every institutional energy customer in the U.S. has market access to procure carbon-free energy.	10x the institutional energy customers of today in the US choose carbon-free energy for a total of 500GW of clean energy procured globally.	Flipping the switch is all that any U.S. electricity customer needs to do to access carbon-free energy.
WHAT'S NEEDED?		
1 Well-designed energy markets everywhere, allowing customers to access carbon-free energy that materially decarbonizes the grid	1 Exponential growth in energy customers choosing sustainable, carbon-free energy	1 Government policies that drive decarbonization
2 Utilities and energy providers offer meaningful and scalable carbon-free energy options to customers	2 An activated global community of energy customers doing more together than they could alone	2 Utility actions that accelerate decarbonization

CEBA + CEBI

Unlock Markets for Energy Customers

to use buying power and market-influence to accelerate electricity decarbonization

2030 IMPACT OUTCOME

By 2030, every institutional energy customer in the U.S. has market access to procure carbon-free energy.

WHAT'S NEEDED?

1. Well-designed energy markets everywhere, allowing customers to access carbon-free energy that materially decarbonizes the grid
2. Utilities and energy providers offer meaningful and scalable carbon-free energy options to customers

2030 APPROACHES

- Drive expansion of organized wholesale markets in the U.S.
- Advocate to improve design of existing organized wholesale markets in the U.S.
- Advocate for standardized and granular generation, consumption and emissions data
- Drive evolution of attribute certificates, greenhouse gas accounting standards, and leadership recognition programs
- Engage U.S. utilities and energy providers to deliver carbon-free options for energy customers
- Drive clean energy procurement options in key international markets

Catalyze Communities of Customers

to more rapidly deploy clean energy and to do more than they could on their own

2030 IMPACT OUTCOME

By 2030, 10x the institutional energy customers of today in the U.S. choose carbon-free energy for a total of 500GW of clean energy procured globally.

WHAT'S NEEDED?

1. Exponential growth in energy customers choosing sustainable, carbon-free energy
2. An activated global community of energy customers doing more together than they could alone

2030 APPROACHES

- Equip communities of customers to accelerate deployment of carbon-free electricity transactions in U.S. and world
- Enable procurement of carbon-free energy with an environmentally sustainable, equitable, carbon-optimized and resilient life-cycle
- Accelerate and scale carbon-free electricity through global supply chains
- Amplify clean energy technologies and solutions that enable customers to take meaningful carbon-free action

CEBA + CEBI

Decarbonize the Grid For All

including those who can't or won't participate in markets

2030 IMPACT OUTCOME

By 2030, flipping the switch is all that any U.S. electricity customer needs to do to access carbon-free energy.

WHAT'S NEEDED?

1. Government policies that drive decarbonization
2. Utility actions that accelerate decarbonization

2030 APPROACHES

- Drive demand for and shape the government policies and frameworks needed to decarbonize electricity
- Promote transmission infrastructure to optimize a carbon-free energy system in the U.S.
- Motivate utility decarbonization

05. Resource Requirements

The strength of our organization has been – and always will be – rooted in our team of people and our efforts to develop solutions and advocate for a decarbonized energy system. We will continue to catalyze our community to be greater than the sum of its parts through education, programming, collaboration, innovation and activation.

To achieve our vision of **customer-driven clean energy for all**, while accelerating progress toward our aspiration to achieve a 90% carbon-free U.S. energy system by 2030 and cultivate a global community of energy customers driving clean energy **we will need to transform our organization from the ground up with strategic investments.**

Bold Market Transformation Requires CEBA and CEBI to Evolve into World-Class Organizations

2030 AMBITION

90% decarbonized U.S. electricity system

Global community of clean energy customers

ORGANIZ-ATIONAL EVOLUTOINS

Strengthened organizational back bone	Targeted advancement	People placed at the core

2030 IMPACT OUTCOME

CEBA and CEBI are fully resourced and functioning as operationally optimized organizations.	The Clean Energy Buyers Alliance is seen as a recognized leader catalyzing the just energy transition.	The Clean Energy Buyers Alliance has a talented, diverse world-class team empowered by an inclusive culture supporting delivery of shared objectives.

WHAT'S NEEDED?

1 Strong organizational infrastructure and set of shared services	1 A sustainable Clean Energy Buyers Alliance with sufficient resources to support two complementary missions	1 A diverse, talented, world-class team who works together while embodying our core values and tenets
2 Governance, accountability and leadership structures that drives the Alliance toward its ambition	2 Partnerships with members, philanthropies, government, and like-minded organizations that accelerate progress toward ambition	2 A holistic and inclusive culture of learning, diversity, advancement, and wellness that empowers individuals to do their best work to deliver on defined objectives
	3 A recognized presence at and in key decarbonization forums to influence those who make a difference	

CEBA + CEBI

Strengthened Organizational Back-Bone

to meet this call to action

2030 IMPACT OUTCOME

CEBA and CEBI are fully resourced and functioning as operationally optimized organizations.

WHAT'S NEEDED?

1. Strong organizational infrastructure and set of shared services
2. Governance, accountability and leadership structures that drive the Alliance toward its ambition

2030 APPROACHES

- Optimize and sustain financial viability
- Expand and optimize policies and processes
- Optimize governance and leadership structure
- Expand and optimize shared services
- Align virtual and physical infrastructure assets with organizational needs

Targeted Advancement

to drive collective action and advance mission outcomes

2030 IMPACT OUTCOME

The Clean Energy Buyers Alliance is a recognized leader catalyzing the just energy transition.

WHAT'S NEEDED?

1. A sustainable Clean Energy Buyers Alliance with sufficient resources to support two complementary missions
2. Partnerships with members, philanthropies, government, and like-minded organizations that accelerate progress toward ambition
3. A recognized presence across key decarbonization forums to influence those who make a difference

2030 APPROACHES

- Drive strategic membership growth
- Grow organizational culture of philanthropy
- Strengthen member value across all CEBA platforms and drive strategic partnership growth
- Elevate CEBA and CEBI brand presence

People Placed at the Core

embodying the core values, tenets, skills and commitment needed to succeed

2030 IMPACT OUTCOME

The Clean Energy Buyers Alliance has a talented, diverse world-class team empowered by an inclusive culture supporting delivery of shared objectives.

WHAT'S NEEDED?

1. A diverse, talented, world-class team who works together while embodying our core values and tenets
2. A holistic and inclusive culture of learning, diversity, advancement, and wellness that empowers individuals to do their best work to deliver on defined objectives

2030 APPROACHES

- Enhance our ability to attract top, diverse talent driven by core values in a competitive market
- Strengthen and develop efficient, inclusive and adaptable people processes
- Boost and empower overall learning and development strategy including training and career advancement in an equitable manner
- Elevate and integrate Diversity, Equity, Inclusion, and Belonging at every step of the talent cycle and organizational practices
- Support a culture of employee wellness, inclusion, empathy and engagement

Our Bold Aspiration Requires Scaling of Resources

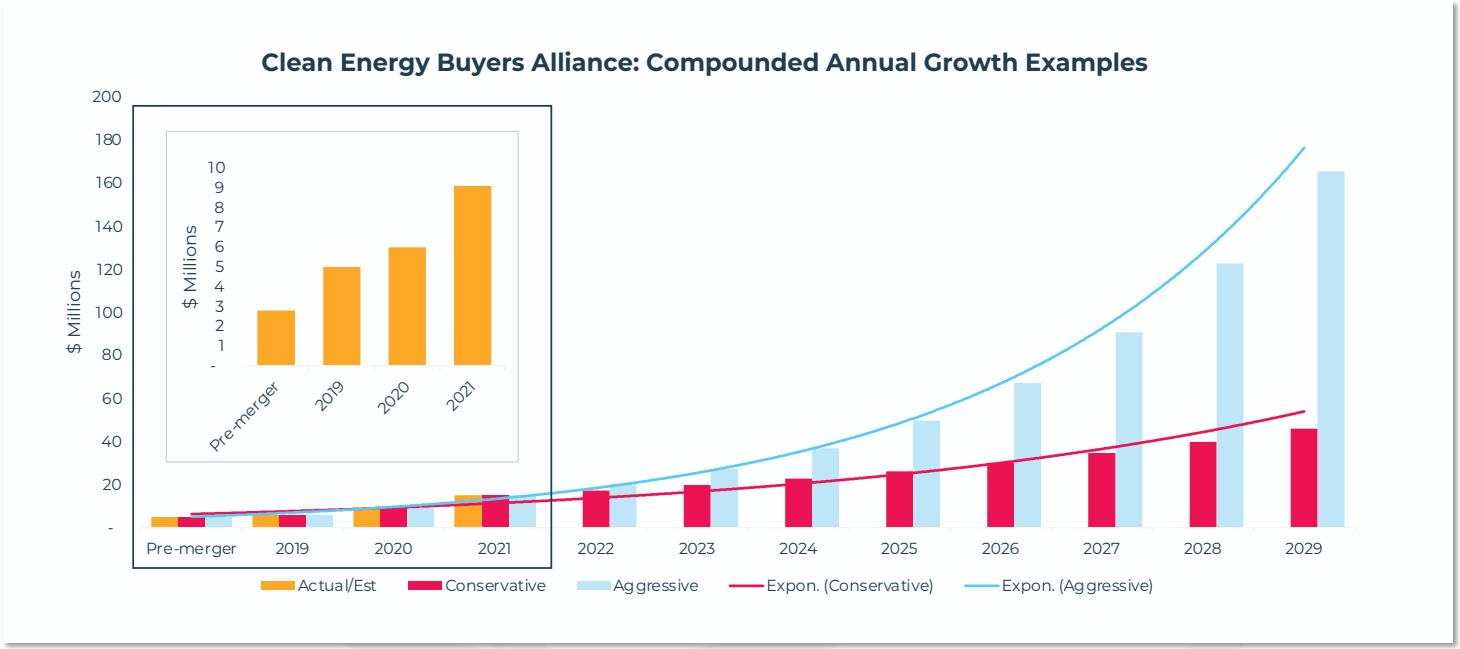


Chart represents forecasted revenues using estimated compound annual growth rate (CAGR) of 15% in a conservative scenario and 35% in an aggressive scenario across both CEBA and CEBI.

We are Focused on Transformative Change

OUR BOLD AMBITION...

90% decarbonized U.S. electricity system

Global community of clean energy customers

REQUIRES 3 TRANSFORMATIONS...

Unlock markets for energy customers

Catalyze customers deploying clean energy

Decarbonize the grid for all

DRIVEN BY 2 DISTINCT ORGANIZATIONS...

CEBA
Clean Energy Buyers Association

Activating customers to deploy market and policy solutions to achieve a carbon free energy system.

CEBI
Clean Energy Buyers Institute

Solving the toughest market and policy barriers to achieve a carbon-free energy system.

MADE POSSIBLE BY 3 ORGANIZATIONAL EVOLUTIONS...

Strengthened organizational back bone

Targeted advancement

People placed at the core

THANK YOU

Thank you to all our CEBA members, CEBA and CEBI Boards of Directors, Advisory Board members, NGO colleagues, philanthropic partners, external advisors and our dedicated CEBA and CEBI staff.

Now is the time to be bold. Now is the time to act big. While the strength of our organization has been –and always will be – rooted in our team of people and our efforts to develop solutions and advocate for a decarbonized energy system, we can't do it alone. We are grateful to our community of partners and inspired by your continued collaboration in meeting this call to action.

References

1. [1]IPCC, 2018: Special Report: Global Warming of 1.5 °C Summary for Policymakers, IPCC, May 2018; https://www.ipcc.ch/sr15/chapter/spm/
2. [2]IEA, 2020: World Energy Outlook 2020, IEA; https://www.iea.org/reports/world-energy-outlook-2020
3. [3]Princeton University, 2020: Net-Zero America, Princeton University, October 2021; https://netzeroamerica.princeton.edu/the-report
4. [4]Energy Transitions Commission, 2020: Making Mission Possible--Delivering a Net-Zero Economy, Energy Transitions Commission, September 2020; https://www.energy-transitions.org/publications/making-mission-possible/
5. [5]REBA Institute & The Brattle Group, 2020: Renewable Energy Policy Pathways Report, CEBI, May 2020; https://cebi.org/research/renewable-energy-policy-pathways-report/
6. [6]Clean Energy Buyers Institute & Grid Strategies, 2021: Designing the 21st Century Electricity Systems, CEBI, March 2021; https://cebi.org/research/designing-the-21st-century-electricity-system/
7. [7]Wood Mackenzie & ACPA, 2020: Renewable Energy and Infrastructure Policy Scenario Analysis, ACPA, December 2020; https://cleanpower.org/wp-content/uploads/2021/02/american-clean-power-renewable-energy-and-infrastucture-policy-analysis.pdf
8. [8]Energy Innovation, GridLab & UC Berkeley, 2021: 2030 Report: Powering America's Clean Economy; UC Berkeley, April 2021; https://qspp.berkeley.edu/faculty-and-impact/centers/cepp/projects/2030-report-powering-americas-clean-economy
9. [9]Clean Energy Buyers Institute & RFF, 2021: ad hoc energy transition modelling on behalf of CEBI; *to be published in 2022*
10. [10]CLEAN Future Act, 2021; 117th Congress of the United States of America, March 2021; https://www.congress.gov/bill/117th-congress/house-bill/1512/text
11. [11] Various interviews with subject matter experts, 2021
12. [12] Birol, Fatih, 2021; IEA, 2021; https://www.iea.org/news/world-energy-outlook-2021-shows-a-new-energy-economy-is-emerging-but-not-yet-quickly-enough-to-reach-net-zero-by-2050
13. [13]Union of Concerned Scientists, 2020: Each Country's Share of CO2 Emissions, Union of Concerned Scientists, August 2020: https://www.ucsusa.org/resources/each-countrys-share-co2-emissions
14. [14]U.S. Environmental Protection Agency, 2020; Inventory of U.S. Greenhouse Gas Emissions and Sinks, U.S. EPA, 2021; http://www.epa.gov/climatechange/ghgemissions/usinventoryreport.html#data
15. [15]U.S. Energy Information Administration, 2020; U.S. energy consumption by source and sector, 2020, U.S. EIA, April 2021; https://www.eia.gov/totalenergy/data/monthly/pdf/flow/total_energy_2020.pdf
16. [16]EPA, 2017; https://www.epa.gov/ghgemissions/global-greenhouse-gas-emissions-data
17. [17] Clean Energy Buyers Association Deal Tracker, 2020; https://cebuyers.org/deal-tracker/
18. [18] EIA Monthly Energy Outlook, 2020
19. [19] Clean Energy Buyers Association Member Survey, 2021: Linder, 2021

2030 STRATEGIC PLAN

CUSTOMER-DRIVEN CLEAN ENERGY FOR ALL.

The Clean Energy Buyers Alliance accelerates clean energy transactions by educating and empowering energy customers. We accelerate decarbonization by activating a community of 280+ members— representing $7 trillion in annual revenues and 16 million employees—to advance market and policy solutions.