

2021 | ESG REPORT

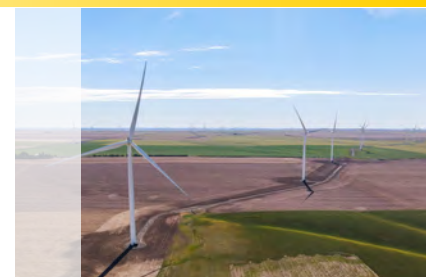
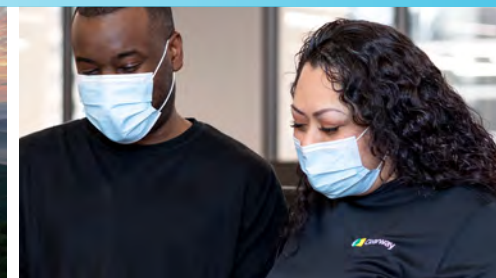
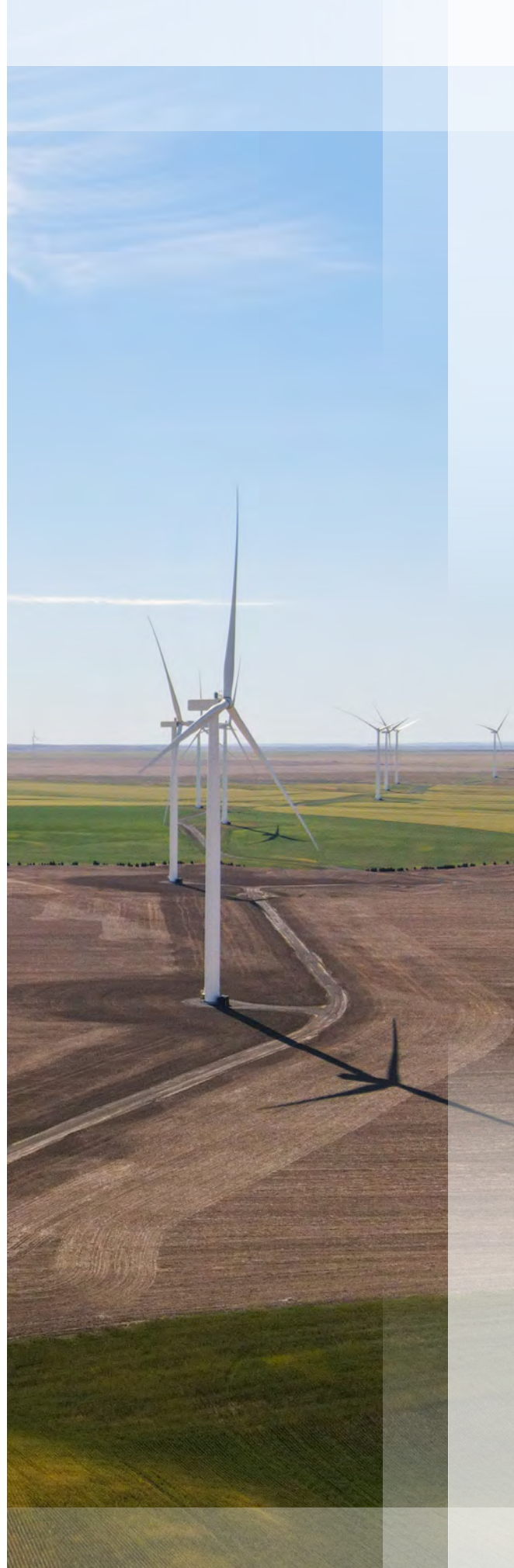




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Message From Our CEOs



CRAIG CORNELIUS

Chief Executive Officer
Clearway Energy Group LLC

In 2021, Clearway generated more than 12.5 terawatt hours of renewable energy – enough to power more than 1.7 million American homes. We also produced more clean energy than ever, with a full 91% of the electricity we made coming from carbon-free sources. We are incredibly proud of what this says about our company and how far we've come since becoming a standalone company in 2018. It speaks to the hard work and dedication of our team members, the commitment of our customers and suppliers, and the ongoing support we receive from the communities that host our projects.

In just a few short years, Clearway has grown to become one of the largest clean energy companies in the country by any measure. We own and operate 5.6 GW of wind and solar facilities in 26 states – a 33% increase in capacity since we became a standalone enterprise in 2018. We have grown our development pipeline to over 19 GW, which will sustain over 2 GW per year of construction in the years ahead. And we signed contracts for nearly 3 GW of projects in 2021, dramatically broadening our customer base and making our clients' sustainable sourcing plans a reality.

The unprecedented circumstances of the last two years haven't made it easy for us to do these things. Amidst the ever-changing circumstances presented by the pandemic, over the course of the past year our determined teams have answered the call and delivered what our company and our country needed of them. Our sites' operational staff sustained their work throughout an exceptionally complex year and did so while achieving our best safety performance ever. Our staff who develop, engineer, and construct sites found ways to finish projects in the face of myriad challenges, including new technologies and jammed supply chains. Meanwhile, our team members who play vital roles in enabling that work fulfilled their duties, delivering new projects, managing the commercial aspects of our existing projects, and ensuring continuity of our business operations.

And although we are far from done, the work we are doing to make our company and industry more equitable and diverse also gained momentum this year. Our Employee Inclusion Groups came into their own, as their participants grew in number and made significant contributions to our business practices. Our hiring process is now more conscientious of bias, and the substantial hiring we will do in 2022 and future years will give us an opportunity to make a company that is already one of our industry's most diverse even more inclusive.

We also achieved our goal of creating the Clearway LEADS policy, which promotes purchasing from local, environmentally aware, diverse, and small businesses, and our people are playing leadership roles in creating soon-to-be-announced industry-wide programs that will make the energy transition more equitable for all its potential beneficiaries. We are continually mindful that the billions we deploy each year can change the landscape of opportunity for underrepresented groups and marginalized communities, and we look forward to putting this policy to work and seeing our investments better the world.

In 2022 and beyond, we will continue our efforts to make our company a great place for our employees, and to deliver positive impacts for the renewable energy industry and our nation. This year, we'll begin construction on nearly 2 GW of solar, wind, and storage projects – a \$3 billion investment in communities across our country – and we'll grow our ranks with a multitude of new hires who will be drawn from the many diverse and promising communities of our country. Together, we look forward to seeing the positive and enduring impact that these investments will have on the world in the years ahead.



Craig Cornelius

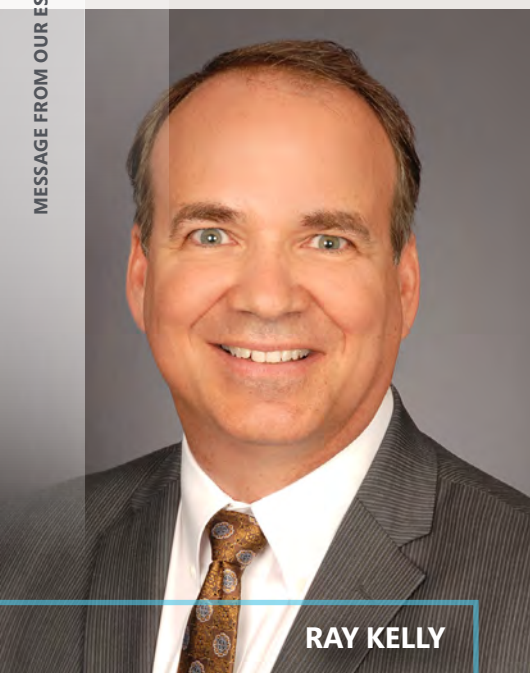


Christopher Sotos



CHRISTOPHER SOTOS

Chief Executive Officer
Clearway Energy, Inc.

**RAY KELLY**Senior Director
Environmental

Message From Our ESG Program Leads

At Clearway, sustainability means operating our business in a way that protects, conserves and enhances biodiversity, preserves natural resources, enriches the health, safety and wellbeing of our employees, advances social equity, and creates positive impacts within the communities where we work and live.

Clearway's mission to make clean, competitive, and reliable energy is fully aligned with our sustainability-first approach to building a world powered by clean energy. Our commitment to "doing well by doing good" guides how we develop, construct, and operate our facilities, invest in the communities that host our projects, create fulfilling employment opportunities, and leverage our supply chain to effect positive change.

In 2021, our ESG Committee evaluated and made progress in several areas, including regenerative development, waste reduction, water conservation, end-of-life material management, and reducing greenhouse gas emissions, as well as creating a sub-committee on Community Engagement. We also advanced Clearway's ESG practice by prioritizing our emphasis on diversity, equity, and inclusion (DEI). We established a full-time DEI leadership role and are operationalizing critical DEI work in our metrics, processes, employee education, and programs. In addition, our new Clearway LEADS policy will help drive equitable, environmentally conscious actions among our equipment and service providers.

We are committed to operating in a way that promotes and helps achieve a sustainable world for future generations and look forward to continuing to report on our progress in these areas in future reports.

**ELIZABETH LAINE**Director
DEI & Talent Development

About This Report

This report describes the environmental, social, and governance aspects of the activities of Clearway Energy Group LLC and our public affiliate Clearway Energy, Inc. (collectively, "Clearway") for fiscal year 2021 (January 1 – December 31, 2021). Topics related to Clearway's portfolio are primarily focused on the renewable energy assets we own and operate. This report differs from Clearway's 2020 ESG report in that it does not include information that pertains to Clearway Energy, Inc.'s thermal business, which is under a binding agreement to be sold in the second quarter of 2022; where specified, selected information pertains solely to either Clearway Energy Group LLC or to Clearway Energy, Inc.

This is our third annual report, and while it references GRI disclosures, it is not in accordance with the GRI reporting standards. No external assurance has been sought specifically for this report. We have no restatements to disclose. Additional resources related to our ESG reporting may be found at www.clearwayenergygroup.com/sustainability.

In keeping with our commitment to communicate openly with our stakeholders, we welcome your feedback. Please send your comments to:

ZADIE OLEKSIW

Director, Communications

zadie.oleksiw@clearwayenergy.com

Clearway's 2021 ESG Snapshot

This year, we...



Generated **91% of the electricity we produced** from emission-free resources



Created over **2,600 construction jobs** in eight states



Generated more than **12.5 million MWh** of clean, carbon-free power – enough to power more than **1.7 million homes**



Expanded our **Employee Inclusion Groups** to a total of seven: Allies, Asian, Black, Latinx, LGBTQIA+, Veterans, and Women



Established an **ESG Policy** to guide our business practices and help ensure we operate in a way that promotes and helps create a sustainable world for future generations



With help from our employees, contributed approximately **\$643,000** in charitable donations to the communities where we live and operate, in addition to **\$45.2 million** in property taxes and **\$13 million** in landowner payments

Clearway At-A-Glance

6th largest

owner & operator of renewable energy in the U.S.

Power purchase agreements with
100+ customers

34 states

with renewable energy projects in operation or under development

Clean Energy Snapshot*

Clearway's 5.6 GW of wind and solar deliver annual benefits equivalent to:



10 million metric tons of CO₂ avoided for our customers



2.1 million cars taken off the road each year



>1.7 million homes powered by clean energy each year

*Based on the U.S. EPA Greenhouse Gas Equivalencies Calculator

Our ESG Goals

We've made substantial progress on several of our 2021 ESG goals, and set some new ones for 2022 and beyond:



EMISSIONS

2021 Goal: By 2035, 90% of the electricity we generate will be carbon-free. **Status: Achieved.**

2022 Goal: By 2035, 95% of the electricity we generate will be carbon-free, and by 2050, Clearway will achieve net-zero Scope 1 & 2 greenhouse gas (GHG) emissions.



PORTFOLIO

NEW - 2022 Goal: By 2030, Clearway will own and operate 10 GW of renewable assets.



DIVERSITY, EQUITY & INCLUSION

2021 Goal: By 2022, we will establish all our planned employee inclusion groups and adopt board approved measures to deliver progress on our three key pillars of people, products & customers, and purchasing. **Status: Achieved.**

2022 Goal: By 2023, we will have delivered DEI training to all Clearway employees and increased diverse representation within our organization.



SUPPLIER DIVERSITY

2021 Goal: By 2022, we will establish a supplier diversity policy that will be applicable to our corporate functions and all our renewable projects. **Status: Achieved.**

2022 Goal: Direct a minimum of 5% of our expenditures across our corporate functions, facility operations and maintenance, and balance of project contracts associated with the development and construction of each of Clearway's projects to local, environmentally aware, diverse, and small businesses in 2022.



COMMUNITY

2021 Goal: By 2025, 100% of our renewable energy sites ≥50 MW in size will have community engagement plans and participate in our Adopt-a-School program. **Status: 62% of our sites have community engagement plans, and 50% participate in Adopt-a-School.**



GOVERNANCE

Ongoing: The boards of Clearway Energy Group LLC and Clearway Energy, Inc. continue to actively oversee our ESG-related matters, including reviewing the status and performance of our ESG initiatives at least semi-annually.

Clearway Employee Voices

In 2021, we continued to achieve high engagement in our annual employee survey and received high marks from our employees on key topics:

90%

of our employees feel that their direct manager/supervisor demonstrates that she/he/they genuinely care about the employee's wellbeing

92%

of our employees know how their work contributes to Clearway's goals

90%

of our employees are proud to work for Clearway

2021 Renewable Energy Footprint

5.6 GW

under ownership &
in operation

19 GW

under development

700+

employees across
the country

100+

customers with power
purchase agreements

34 states

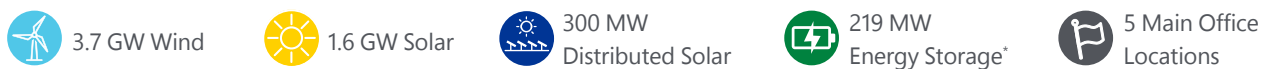
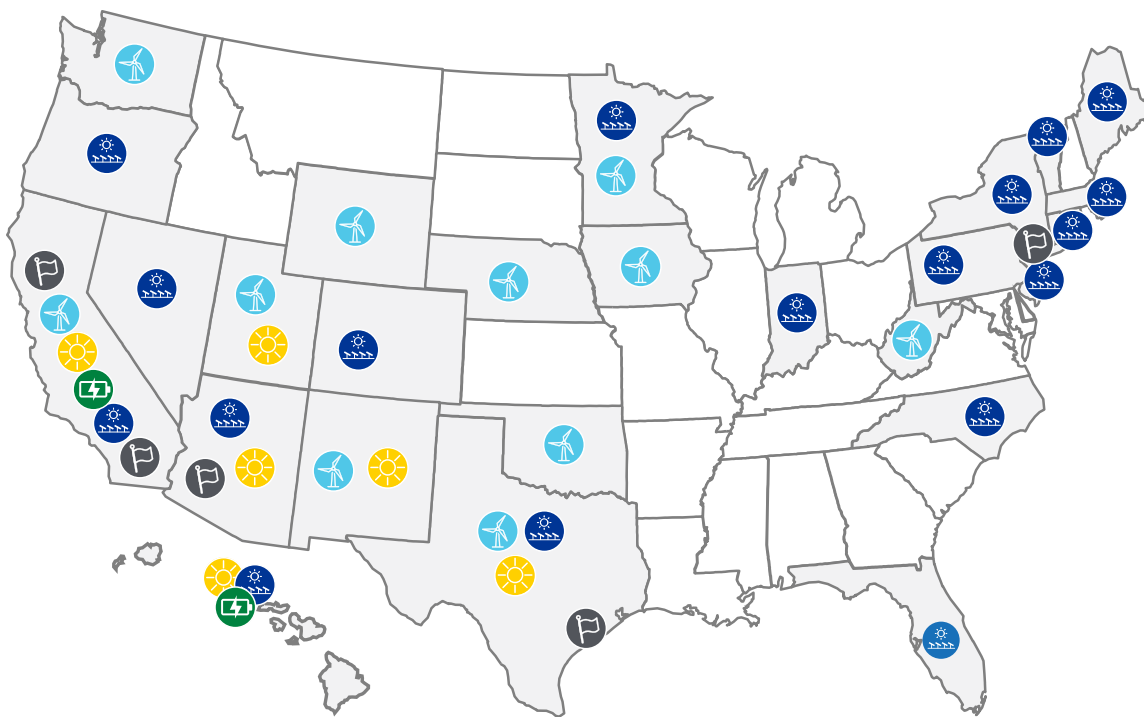
with renewable energy
projects in operation or
under development



Building A Net-Zero Energy Sector

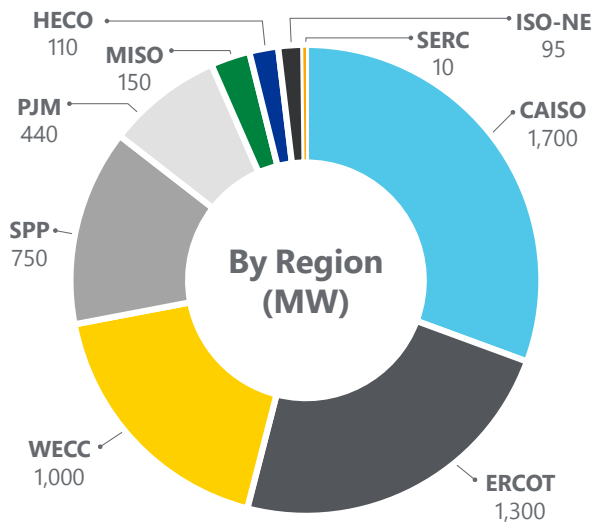
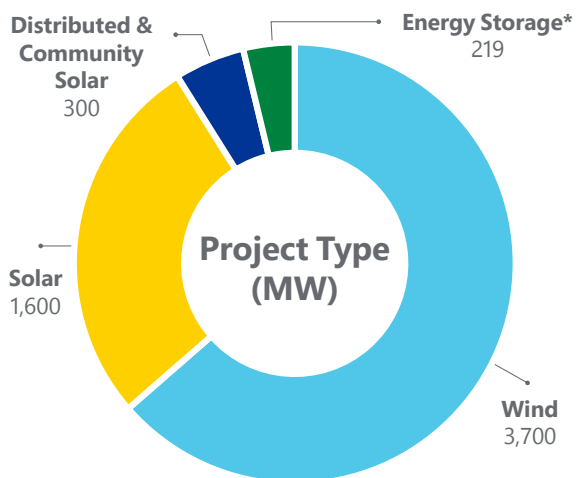
Clearway is proud to continue to play a leading role in building a net-zero energy sector. Our current portfolio of 5.6 GW of wind, solar, and energy storage projects spans 26 states and delivers clean power equivalent to the needs of more than 1.7 million American homes, a footprint that will expand in future years as we build out our 19 GW development pipeline.

Clearway's Renewable Energy Portfolio



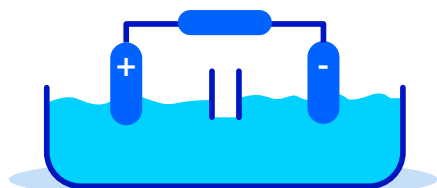
*Energy storage MW in construction and to be completed in 2022

5.6 GW in Operations



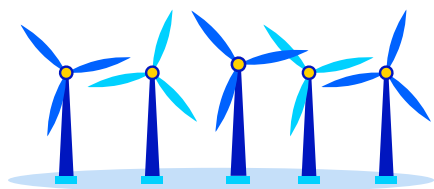
*Energy storage MW in construction and to be completed in 2022

Clearway Energy Group is also exploring the potential of including other clean energy technologies in its development pipeline as we work to further decarbonize our nation's electricity production, including:



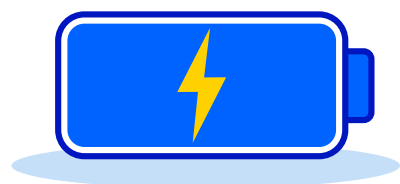
Green Hydrogen

In 2021, Clearway initiated a study of the U.S. green hydrogen market, which includes participating in the [Green Hydrogen Coalition](#), a trade association, and [HyDeal Los Angeles](#), a regional initiative launched by the Green Hydrogen Coalition to provide a platform to bring together a dense cluster of large-scale green hydrogen customers, renewable energy developers, and innovators who want to contribute to a clean energy future. Clearway is applying lessons learned from HyDeal to our development portfolio across the country, and in 2022 we will seek to identify partners to enable development of our first green hydrogen projects.



Offshore Wind

Clearway is building a dedicated team to participate in the California offshore wind market. As the rights to develop in federal waters are auctioned in 2022, we will participate alongside strategic partners, engage key state and local stakeholders, and work through transmission interconnection issues to enable up to 4 GW of offshore wind development.



Long Duration Storage

We are assessing various long duration (8+ hour) energy storage technologies and providers, identifying trends in the market, and monitoring procurement and planning processes. Long duration energy storage will be critical to enable increased renewables penetration while preserving grid stability and improving resilience. We are focused on scaling standalone and paired or hybrid battery storage offerings while expanding toward the 8+ hour duration segment.

2021 Clean Energy Milestones





Fueling Renewable Energy Growth

To support significant expansion of our renewable energy footprint, Clearway Energy Group has actively pursued external funding, closing 13 financings with 14 parties in 2021. In October we were proud to announce that we had secured \$775 million in corporate financing to fuel our development pipeline. This capital demonstrates the confidence investors have in our business model and will enable us to pursue growth in wind, solar, and storage as we seek to double our development pipeline over the next several years.

Financing a Clean Energy Future with Green Bonds

Like regular bonds, green bonds are a financial instrument used to raise funds – but green bonds offer investors an opportunity to direct their capital toward activities that have a positive environmental impact, such as renewable energy projects. According to [Climate Bonds](#), green bond investment in a single year is expected to reach the \$1 trillion milestone for the first time by the end of Q4 2022.

In 2021, a CWEN subsidiary issued two green bonds – the [first issuance](#) raised \$925 million, and the [second](#) raised \$350 million. The bonds were issued under CWEN's green bond framework, which applies the net proceeds from the bonds to finance or refinance new and existing renewable energy projects. [Sustainalytics](#), a leading independent ESG and corporate governance research, ratings, and analytics firm, reviewed CWEN's green bond framework and found that it is "credible and impactful, and aligns with the four core components of the Green Bond Principles 2018."

Our Social Impact

Diversity, Equity & Inclusion

Clearway's DEI initiatives are focused on three core areas: People, Products and Customers, and Purchasing. These core areas are evolving via a four-pronged framework that ensures concurrent progress in our metrics, processes, educational initiatives, and the programmatic elements that we're putting into place to support long-term success in each of the three areas.

METRICS



- Diversity demographics
- Inclusive behaviors
- Supplier diversity statistics
- Diversity in people processes

PROGRAMS



- Required training
- Supplemental learning
- Regular educational programming

PROCESS



- Sourcing and hiring
- Performance review
- Purchasing processes & requirements

EDUCATION



- Employee Inclusion Groups and related programs
- Mentoring and development programs
- Community partnership



In 2021, Clearway's advances in DEI included:

Formalizing our commitment to DEI by hiring a permanent Director of Diversity, Equity & Inclusion to lead our efforts in this area

Establishing a four-pronged approach to address DEI holistically in the organization via metrics, process, education, and programs

Enhancing our talent management processes to ensure greater equity and reduce the opportunity for bias – these include Staffing for Success, our standardized approach to hiring, and Managing @ Clearway, which helps new and incoming managers (both new to the organization and newly promoted) understand Clearway's standards of leadership

Signaling the importance of DEI issues and establishing transparency and accountability at the executive level

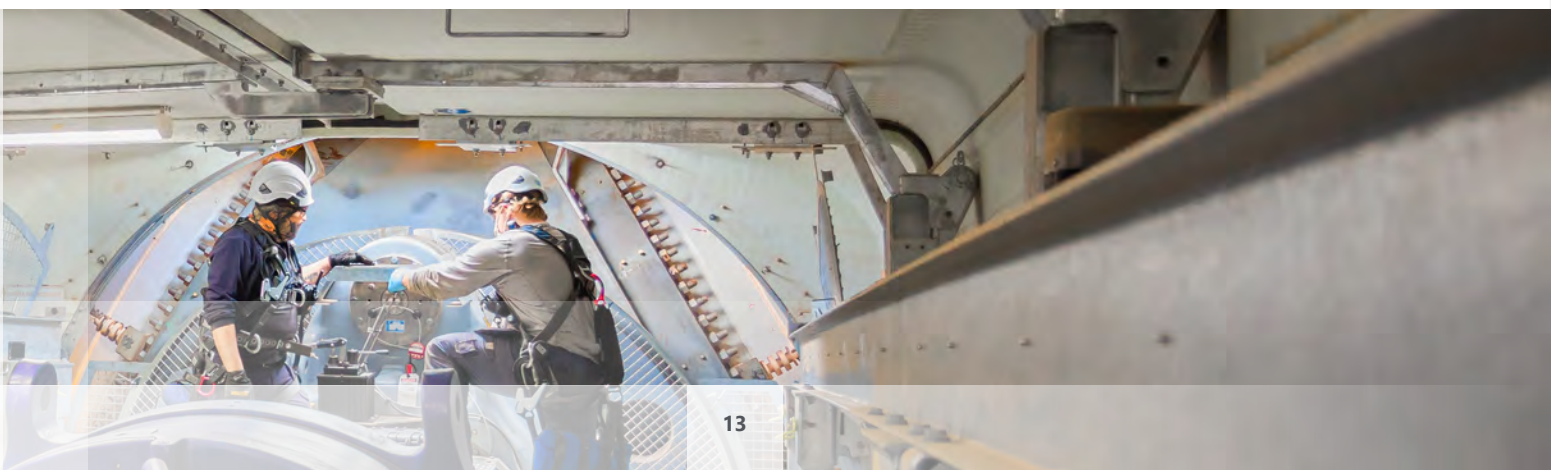
Ongoing compensation reviews to ensure equity in pay based on gender and ethnicity/race

Developing and piloting inclusive leadership training and unconscious bias training (to be deployed company-wide in 2022)

Establishing a sustainable procurement committee to promote the inclusion of small, local, and diverse businesses in our purchasing process in accordance with our Clearway LEADS policy, which promotes purchasing from local, environmentally aware, diverse, and small businesses, and to increase our commitments over time

Expanding our Employee Inclusion Groups to a total of seven: Allies, Asian, Black, Latinx, LGBTQIA+, Veterans, and Women

Increasing optional, voluntary self-identification factors to include Veteran, Disabled, and Non-Binary employees to better understand and support our workforce, as well as inform strategic workforce planning





Expansion of Our Employee Inclusion Groups

Clearway's Employee Inclusion Groups (EIGs) are company-sponsored, voluntary, employee-led communities open to all employees and dedicated to supporting specific demographic populations. Each EIG has an executive sponsor from the executive leadership team and is led by two co-chairs. Our EIGs strive to build inclusive, supportive communities that celebrate individual and cultural diversity, and are a critical linchpin of the Clearway culture.

EIGs are responsive to the needs and interests of their members, which they represent to the company, and provide personal and professional development through sponsorship and mentorship opportunities as well as learning and development programs.

Our seven EIGs contribute to making Clearway more resilient and inclusive in many ways, including:

- Helping to inform our equitable hiring processes
- Successfully advocating for more diversity-friendly policies to expand parental leave, adoption, and other family benefits to be more supportive and inclusive of a range of diverse family structures
- Piloting new initiatives, like our mentoring program and unconscious bias training, to provide feedback and help us tailor the programs to our specific needs
- Administering our Onboarding Buddy program (run by Allies) to support engagement and retention by connecting new employees to a supportive community
- Volunteering in the communities where our employees live and work through Clearway-sponsored initiatives, as well as external programs
- Fostering a safe space for employees to connect and discuss shared experiences, and provide advice and support
- Identifying opportunities to support, sponsor, or partner with community organizations and industry associations aligned with the needs and interests of our diverse populations. In 2021, these included:
 - The King Center (MLK Jr. Day)
 - The Trevor Project (Pride Month)
 - The Marsha P. Johnson Institute (Pride Month)
 - The Iron Freedom Foundation (Veterans Day)
 - Asian American Student Film Project (San Francisco State University Fellowship)
 - Heifer International
 - Tragedy Assistance Program for Survivors (TAPS) (Memorial Day)
 - Women of Renewable Industries and Sustainable Energy membership (established for 2022)



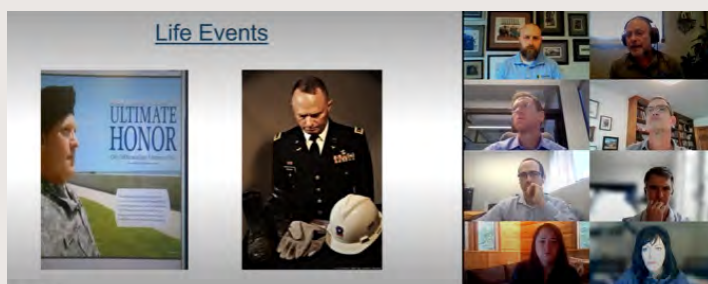
Clearway's 2021 Pride Day celebration.

Supporting Those Who've Served

In honor of Veterans Day 2021, Clearway Energy Group donated \$5,000 to [Iron Freedom Foundation](#), an organization that supports veterans who are struggling with depression and post-traumatic stress disorder (PTSD) by providing a community that helps them develop lifestyle changes and a new kind of freedom and peace through outdoor programs.



On November 18, the Clearway VETRN EIG hosted an event to talk about veteran suicide, mental health, and how we can reach out to help those who may be struggling. The featured guest speaker was Warrant Officer [Clifford Bauman](#), a 9/11 first responder at the Pentagon, 34-year veteran, and suicide survivor who has become a champion for veteran mental health and survival.



Clearway team members participate in our Veterans Day virtual event.

Veterans at Clearway

Veterans contribute tremendous skills, knowledge, and experience, but the transition from service to the private sector can be challenging to navigate. We've worked with organizations that support veterans to help us solve for their needs. Our VETRN EIG works to ease the transition to Clearway, whether that's by providing support systems to help new hires integrate into the private sector or connecting them with external resources.

Supplier Diversity

In 2021, we created the [Clearway LEADS](#) policy, which promotes purchasing from local, environmentally aware, diverse, and small businesses, and will be applicable to all our major equipment and service providers beginning in 2022. Clearway LEADS will increase the sustainability of our purchasing process and reduce the environmental impacts within our supply chain. We will update our policy annually based on best practices and industry trends and seek to increase our spending with qualifying suppliers by setting annual goals and targets, committing to rigorous tracking, monitoring, and reporting toward those goals.

For 2022, we have established a goal of directing a minimum of 5% of our expenditures across our corporate functions, facility operations and maintenance, and balance of project contracts associated with the development and construction of Clearway projects to local, environmentally aware, diverse, and small businesses. In addition, we are committed to supporting our customers and partners in achieving their sustainable procurement goals. As a result, we may agree to goals and targets for specific projects that go above and beyond our established commitments.

In addition to our procurement goals, we have made commitments to contract with suppliers who are proactive about minimizing their environmental impacts, and local businesses that can increase our economic impact in the communities where we work. We are also committed to providing support for workforce development initiatives at our development sites.

Community Solar

In 2021, we conducted a full demographic review of the diversity of our community solar customer base to understand where we are under- or over-indexed relative to local populations. In areas where we're under-indexed, we are looking at where we can best focus our efforts to improve access for under-represented groups. We are also driving DEI goals in the community solar space through work on policies and other initiatives to help facilitate financing for underserved markets and increase equitable access to clean energy.



Clearway



Understanding Our Employee Demographics

In 2021, we expanded our employee self-reported demographics beyond the standard federal requirements to give employees who are Disabled, Veterans or Non-Binary the opportunity to self-identify. This change helps us understand our workforce and any gaps we may have to fill to better serve the needs of employees.

Looking Ahead to 2022

In 2021, we implemented a new learning management system (LMS) that is integrated with our current performance and talent development platform to create a “one-stop-shop” for employee growth and development. Employees and managers now have a dedicated place to set goals, focus on personal and professional development, review accomplishments and performance, and much more. Looking ahead to 2022, we are launching our Clearway Leadership Framework, which provides a practical approach to inclusive leadership actions, with a 12-month, small-group peer learning experience for leaders designed to foster more inclusive behaviors in daily workplace contexts, such as meetings, collaboration, strategic planning, and more. We are also deploying mandatory unconscious bias training for the entire organization. Our intention is to create a holistic approach in which our LMS tracks each employee’s training as part of their individual personal development plan, thereby providing a cohesive foundation for reflection and growth.

Clearway Voices Survey

Our goal is to make Clearway a great place to work. Clearway’s most valuable asset is our employees who come together each day to help make our vision of a world powered by clean energy a reality.

The annual Clearway Voices Survey is one of the many ways in which we engage with our team members to gather their feedback and help ensure that we’re creating a work environment, company culture, systems, tools, and processes that allow us to be successful collectively and as individuals.

Our 2021 survey achieved 78% engagement and provided insights regarding how our employees feel about important topics related to working at Clearway. Highlights of the results include:

90%	90%	90%	92%	92%
“I am proud to work for Clearway”	“I have the autonomy to perform my job effectively”	“My direct manager/supervisor demonstrates that she/he/they genuinely care about my wellbeing”	“I know how my work contributes to Clearway’s goals”	“I have the training and tools I need to do my job safely”

Inclusion Impact Areas



Hiring



Meetings



Collaboration



Performance Management



Strategic Planning

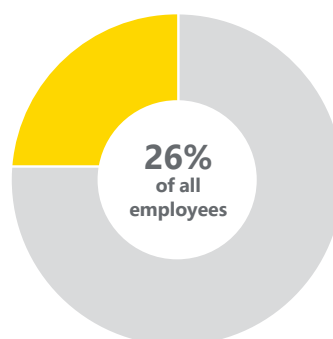
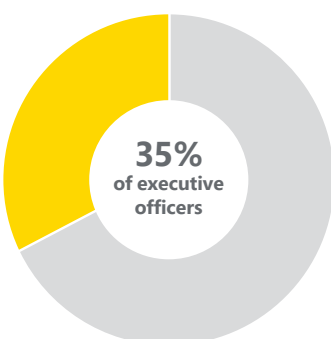
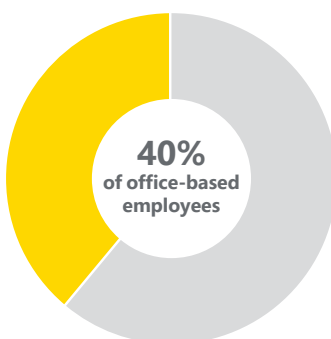


Team Development

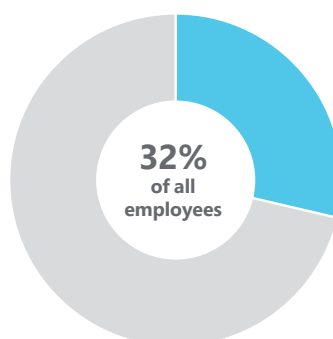
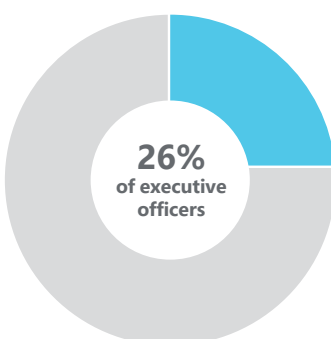
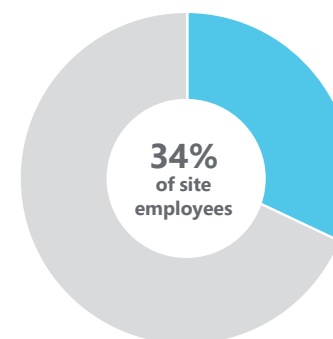
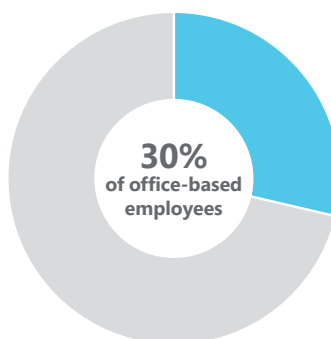
Our Diversity Metrics

Diversity data for Clearway Energy Group LLC and Clearway Energy, Inc., as of December 31, 2021.

Women



People of Color



Safety at Clearway

Delivering Excellence in Safety

Clearway's Safety Management System (SMS) is based on ISO 45001 and establishes operating principles, values, and actions through which we deliver on our commitment to protect our people, the environment, and the communities in which we work.

One key element of our SMS is the safety committee, which is composed of members of our safety and environmental teams as well as field employees, frontline supervisors, and senior management. The safety committee meets monthly to review safety performance data, recent incidents, and industry best practices to identify corrective actions and continuous improvement opportunities. Through the strength of our SMS and the commitment of our employees and leadership, Clearway achieves top-tier safety performance.

We reinforce safe work practices and identify potential risks through peer-to-peer and manager safety observations, including a Field Leadership Observation Program. Core components of the program include conducting safety observations, documenting near misses and deficient conditions, and tracking incident trends, which helps us systematically identify issues and pinpoint improvement opportunities to continue to drive down workplace injuries.

Clearway's Industrial Athletes

We are committed to helping our employees maintain and improve their health. One very successful component of this effort is our "Industrial Athlete Program," which focuses on employee health and fitness and a reduction in ergonomic-related soft-tissue injuries, both in the office and the field. This program includes educational materials, workshops, fitness challenges, and in-field work evaluation and ergonomics training. Since its 2019 launch, the program has helped reduce musculoskeletal injuries across the Clearway team by 25%.



A wind technician at Alta Wind climbs up to the nacelle.

2021 CEG Safety Metrics

METRIC	NUMBER
Worker Hours	1,330,512
OSHA Recordable Injuries	3
OSHA Total Recordable Incident Rate (TRIR)	0.45
Fatalities	0
Lost Time Injuries	1
Lost Time Injury Rate	0.15
Days Away/Restricted Duty or Transfer Injuries	2
DART Rate	0.30
First Aid Incidents	17

Data is for Clearway Energy Group LLC (CEG) operations and maintenance employees and contractors under day-to-day direction from CEG.

2021 CWEN Conventional Safety Metrics

METRIC	NUMBER
Worker Hours	162,815
OSHA Recordable Injuries	0
OSHA Total Recordable Incident Rate (TRIR)	0.00
Fatalities	0
Lost Time Injuries	0
Lost Time Injury Rate	0
Days Away/Restricted Duty or Transfer Injuries	0
DART Rate	0.00
First Aid Incidents	2

Operations and maintenance activities at CWEN's conventional facilities are conducted by employees and contractors under day-to-day direction from a third-party service provider.

Clearway Wins Safety Standout Award

Clearway was selected as the winner of BLR and EHS Daily Advisor's "[Safety Standout Awards 2021](#)" in the "Moving Beyond Compliance" category. The award recognizes our commitment to the principles of Human Performance Improvement and a "Just Culture" focused on fairness and accountability. We strongly encourage everyone at Clearway to take a positive, proactive approach to their own safety as well as that of others, and to discuss safety behaviors with this mindset. This fundamental understanding is then incorporated into work activities such as job hazard analyses, pre-job briefings, leadership field safety observations, stop work authority, and our "Safety Over Production" procedure that lays out the steps to identify and resolve safety-related issues.



Wind technicians undergo switching substation training at Alta Wind.

Training for Top Performance

At Clearway, we understand that our success depends on the skills and expertise of our workforce, and that creating an environment where employees can learn and grow personally and professionally is vital to attracting and retaining the best team in the industry.

In 2021, our employees and contractors completed over 18,000 training assignments focused on skills and knowledge acquisition in areas including electrical, mechanical, and hydraulics fundamentals as well as troubleshooting. This includes more than 20,000 hours of environmental, health, and safety training completed by our O&M team through hands-on, classroom, and computer-based training.

Establishing a Solid Foundation in Safety



In 2021, we initiated a partnership with the [High Plains Technology Center](#) (HPTC) in Woodward, Oklahoma to launch training programs. All newly hired field technicians take a week-long safety course that includes classroom and hands-on training prior to starting work at their assigned site. In addition, new hires take a Basic Turbine Technology training program through HPTC to acquire the foundational electrical, hydraulic, and mechanical knowledge needed to work on wind turbines.

We also launched a site-specific medium and high voltage training program that provides hands-on electrical safety training that is specific to the switchyards, substations, and other large electrical equipment operated at each of our renewable energy sites.



Community Engagement



Clearway's community engagement activities are driven by our commitment to help create a just, equitable, and sustainable world. In 2021, we created a cross-functional community engagement working group that meets regularly to share best practices and explore new opportunities for outreach.

In 2021, Clearway and its employees contributed approximately **\$643,000** in donations, sponsorships, and support to nonprofit organizations in the communities where we live and operate.

In 2021, the renewable energy sites owned and operated by Clearway contributed **\$45.2 million** in property taxes and **\$13 million** in landowner payments to their host communities.

Individual community engagement plans are developed for each of our wind and solar project sites based on the needs of the local community. Clearway site administrators and other local staff play a leadership role in developing community engagement plans and representing the company in the communities where we work.

Adopt-a-School Program

Our goal is that by 2025, 100% of our utility-scale (>50 MW) wind and solar sites will have community engagement plans and participate in our Adopt-a-School program. As of the end of 2021, 16 of our 26 utility-scale sites (62%) have community engagement plans in place, including 13 sites that participate in Adopt-a-School.



Community Engagement at Taloga Wind

Our 130 MW Taloga Wind facility is located near the town of Taloga in Dewey County, Oklahoma. The site team at Taloga Wind is leading Clearway's community engagement initiative in Taloga and the neighboring town of Seiling. Taloga was one of the first wind farms built in Oklahoma and began commercial operation in 2011. Since then, the region has become a major hub for wind energy.

The Taloga team has developed relationships with local schools to educate students about the role of renewable energy in their community, including learning how a wind farm makes electricity and what it's like to work at a wind farm. In 2021, Clearway partnered with KidWind, a unique organization that teaches schoolchildren about renewable energy. Clearway's Taloga Wind team gave a presentation on renewable energy to 3rd-6th grade students at Taloga Elementary and then hosted a coloring contest. The winning artists received STEM (science, technology, engineering, and mathematics) activity kits that were a big hit at home! In addition, Taloga Wind donated \$5,000 to the school's KidWind STEM activity fund for wind/solar workshops and future team competitions. The site also made donations to Taloga Public Schools and the Town of Seiling, including supporting the school's STEM program, funding a new basketball scoreboard, and providing funds for health and safety supplies to combat Covid-19.

In 2022, through their partnership with Clearway, Taloga Public Schools students will compete in the [2022 KidWind Simulation Challenge](#). They'll use simulation software to virtually construct and test their own wind turbines and wind farms, and they'll put their designs to the test alongside students from across the country.

Community engagement is an ongoing commitment by Clearway – it's about being a good neighbor, building relationships over time, and continuing to invest in the communities where we work, so that they share in the growth and success of the renewable energy industry.



Winner, 1st and 2nd Grades



A representative from the Taloga site team talks to students about the coloring contest.

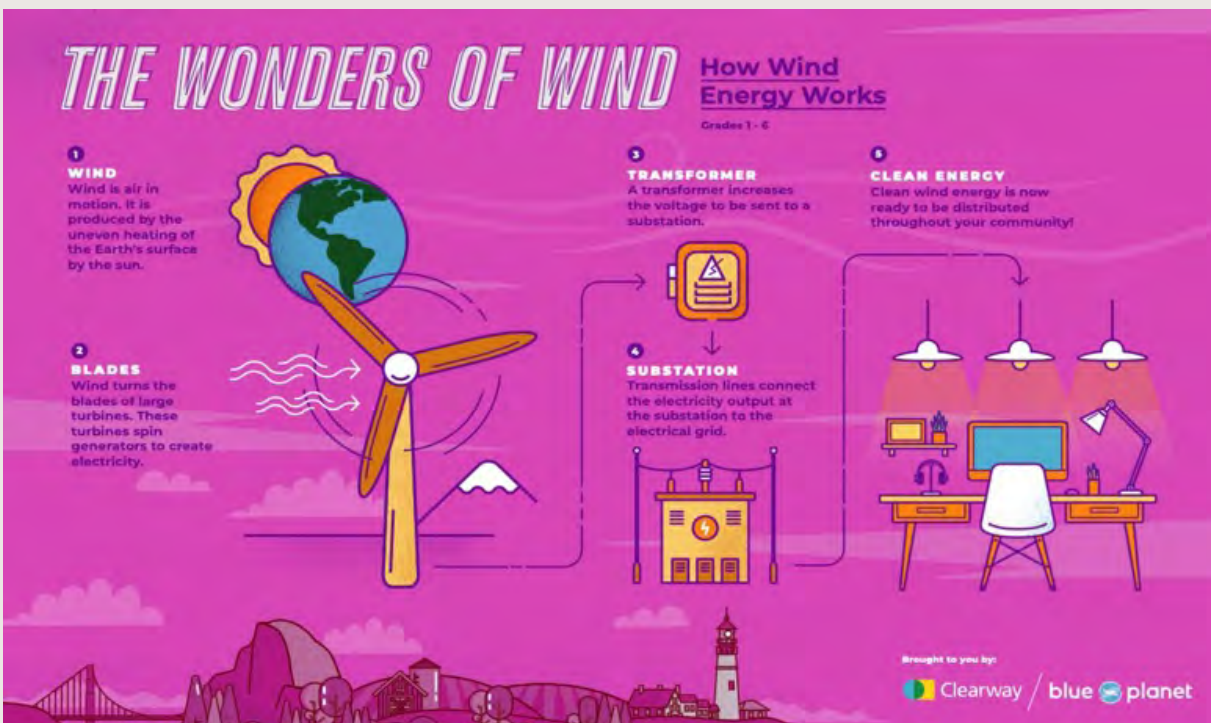
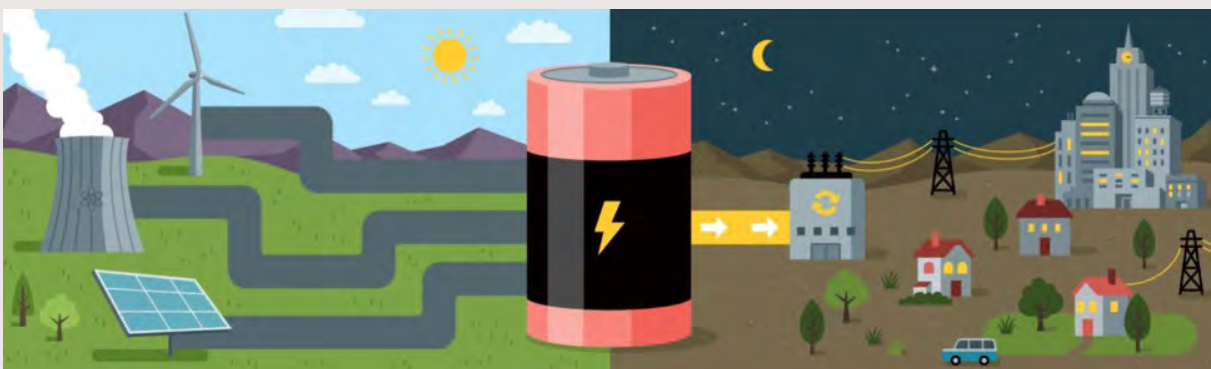


Winner, 3rd and 4th Grades



Partnering with Blue Planet Foundation

In 2021, the [Blue Planet Foundation](#) modified and expanded materials and curricula developed for Clearway's educational partnerships in Hawaii for use in our Adopt-a-School program across the country.



2021 Portfolio Highlights

2021 was a year of significant growth for Clearway. We added over 800 MW of wind, solar, and energy storage to our ownership portfolio, with an additional 600 MW of clean energy capacity in construction. As of year-end, our ownership portfolio has grown to 5.6 GW, and our development pipeline has expanded to over 19 GW.

Innovative Products and Technology Help Our Customers Reach Their Goals

Many of Clearway's customers are working toward a zero-carbon footprint. Our renewable energy projects are an important piece of helping them achieve their goals, but we're also supporting advances in many other facets of the energy sector that are necessary to deliver a clean energy future. This includes work on policy innovations, efforts to create a smarter grid, and the use of energy storage that makes it possible to convert intermittent wind and solar generation into flexible, dispatchable assets that can increase the reliability of the grid while reducing the need for baseload fossil fuel capacity.

Growth of CCA Customers



Community Choice Aggregation (CCA) programs allow local governments to enroll their municipalities under a single energy supplier. CCAs,

which are only available in deregulated markets, are growing in popularity because they offer customers the ability to get a higher percentage of their power from sustainable sources than they would from their local utility provider.

CCAs have a deep commitment to community investment, workforce development, supplier diversity, and responsible procurement, as well as benefits that go beyond energy – including resiliency, energy security, cost reduction, education, and environmental benefits. Through our partnerships with CCA customers, Clearway offers tailored benefit packages to support the communities where we and our customers work and live.

CCAs are very common in California, and in November 2021, the California Community Choice Association (CalCCA) announced that the 24 CCAs operating in the state had reached almost 10 GW of power purchase agreements to serve their more than 11 million customers.

Clearway's ten CCA contracts represent 1.2 GW of this total servicing the needs of six CCAs across Northern and Southern California including Central Coast Community Energy, Clean Power Alliance, East Bay Community Energy, MCE, Peninsula Clean Energy, and Silicon Valley Clean Energy Authority – here's what some of them said in 2021:

“

"The Daggett project allows Clean Power Alliance to provide clean, reliable electricity to more than three million people throughout Southern California. By repurposing land previously occupied by a fossil fuel plant and using local union labor to construct the project, Daggett is a prime example of the kind of transformative and equitable development we are strongly promoting."

Ted Bardacke, Executive Director, Clean Power Alliance

“

"Clearway's Arica Solar + Storage project represents our green energy future. The solar panels create 100% renewable energy during the daytime and the batteries store energy for use in the evening creating reliable clean electricity to meet our customers' high demand for renewable energy. Because it's located in Riverside, it will create green jobs in the Southern California region."

Matt Langer, Chief Operating Officer, Clean Power Alliance

“

Solar plus storage projects in California are a source of low-cost renewable energy that provide power when we need it most. EBCE is happy to partner with other load-serving entities and Clearway to bring this critical project online to serve our customers, increase reliability of the electric system, and continue EBCE's trajectory toward 100% carbon-free electricity by 2030."

Nick Chaset, CEO, East Bay Community Energy

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"The Arica project is an important tool to help us reach our goal of providing 24/7 renewable power to our customers. The ability to produce and store emission-free solar power that can be used day or night, in the summer and winter, is one of the most consequential actions we can take to help our region address a rapidly changing climate."

Jan Pepper, CEO, Peninsula Clean Energy

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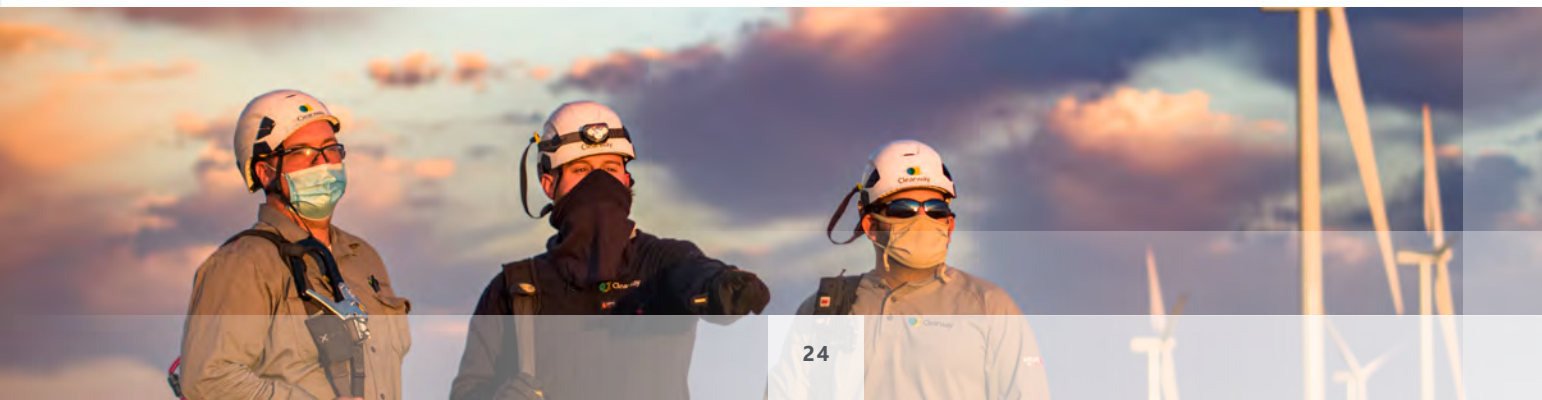
"The Victory Pass project not only provides solar energy capacity but carries great value with the 4-hour discharge battery pairing. As California summers continue to bring extreme heat and high electricity demand, the ability to discharge energy during peak hours is critical as we transition to a clean grid."

Garish Balachandran, CEO, Silicon Valley Clean Energy Authority

“

"This long-term solar plus storage contract with Clearway in partnership with SVCE marks another step forward for Central Coast Community Energy's pathway to 100% clean and renewable energy by 2030. The Victory Pass project also marks important progress for the State of California and the collective effort by CCAs, our customers, and business partners to stabilize the Western Grid and support the growth of reliable clean energy resources on behalf of the communities we serve."

Tom Habashi, CEO, Central Coast Community Energy





Corporate Demand for Clean Energy Continues to Grow

Demand for carbon-free power from corporate customers continues to grow. The Clean Energy Buyers Association [announced](#) that renewable energy purchases by corporate customers in the commercial and industrial sector in 2021 supported more than 100 projects totaling more than 11 GW of capacity, a 4.3% increase over 2020. From 2008 through 2021, corporate customers have contracted more than 47 GW of clean energy.

Clearway is proud to help several leading companies achieve their clean energy targets. We've signed contracts to deliver more than 1.1 GW of wind and solar to corporate customers – here's what some of them have said:

“

"Sourcing renewable energy is a critical part of our journey to net-zero. We are proud to announce our plan to work with Clearway Energy Group on a power purchase agreement that will provide clean energy for our US operations. Today and every day, PepsiCo is proud to further our progress with the help of our incredible partners in scaling renewable energy projects across the globe."

Roberta Barbieri, Sustainability Vice President, PepsiCo

“

"Toyota continues to aggressively shift to renewable energy sources for our operations while also working to improve the lives of the people in communities where we work and live, all a part of our efforts toward carbon neutrality."

Kevin Butt, Regional Environmental Sustainability Director, Toyota Motor North America



TOYOTA

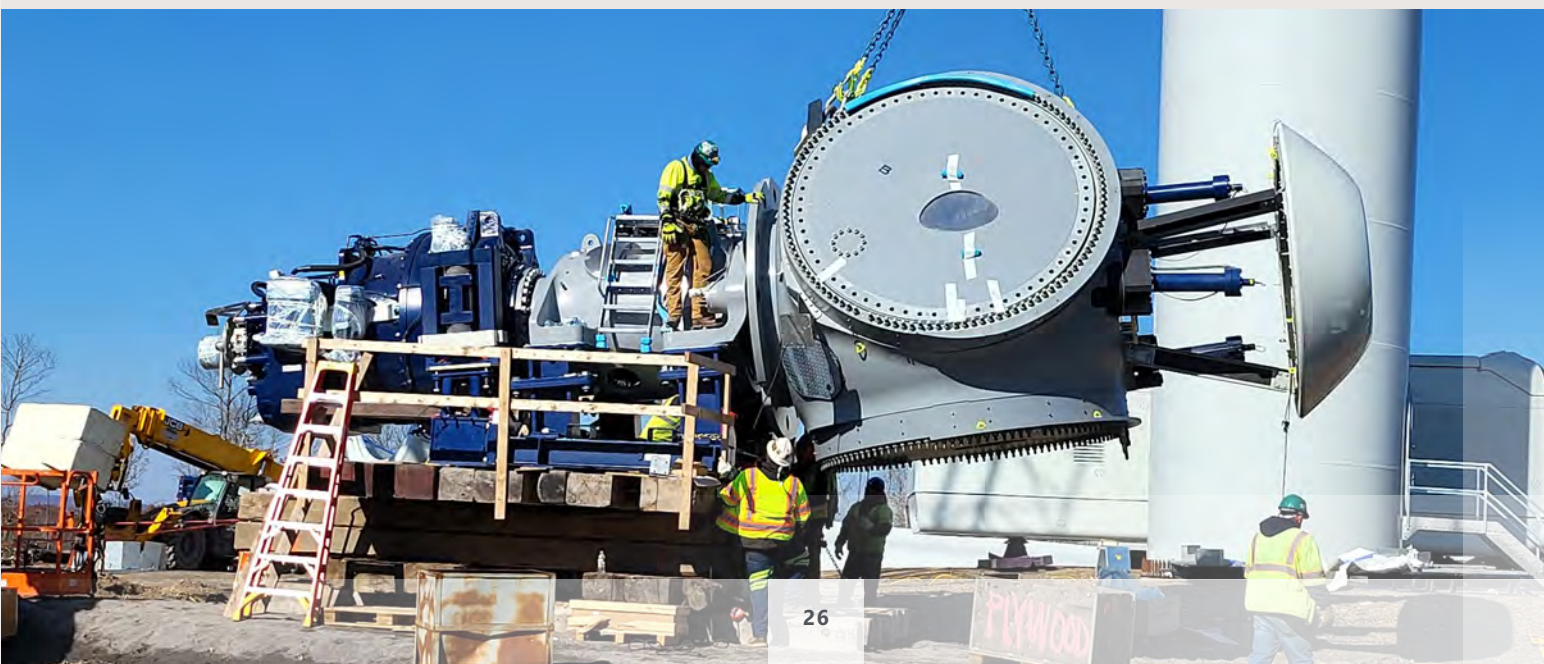
Customer Spotlight: Toyota Pursues Zero Carbon with Clearway

Clearway and Toyota Motor North America (Toyota) have signed two virtual power purchase agreements (vPPAs) to enable Toyota to make significant progress toward achieving its goal of carbon neutrality at its manufacturing facilities by 2035 and its global Environmental Challenge to eliminate all carbon emissions from its operations by 2050.

The first contract between Clearway and Toyota was signed for a portion of the Black Rock wind farm, a 115 MW facility located in proximity to Toyota's manufacturing plant in West Virginia. Black Rock wind reached commercial operation in 2022.

"We value partners like Clearway that share our vision for improving lives within communities, including those where our team members work and live, like West Virginia," said Chris Reynolds, Chief Administrative Officer, Toyota Motor North America. "Toyota is making significant investments in and aggressively pursuing environmental technologies to achieve our goal of carbon neutrality at our manufacturing facilities by 2035."

In 2021, we were pleased to build upon our partnership with Toyota by announcing a second vPPA to support our 100 MW Wildflower Solar project in DeSoto County, Mississippi, also located in proximity to Toyota's plant within the state.



Clearway Community Solar

>1 Billion kWh of Community Solar Power Generated

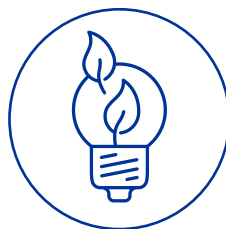
Our community solar portfolio continues to expand with an additional 94 MW of completed projects in 2021. We currently serve more than 25,000 customers across Colorado, Illinois, Minnesota, Massachusetts, and New York, and have generated more than \$139 million in solar bill credits for our customers. Clearway Community Solar has also delivered more than a billion kWh of clean power, making us the leading provider of community solar nationwide. This is the environmental equivalent of:



Avoiding a year's
worth of emissions
for >155,000 cars



Growing >11 million
tree seedlings for
10 years



Changing >27
million standard
lightbulbs to LEDs



Clearway Community Solar's "Bright Ideas" Blog Wins Award

In 2021, the [science experiments](#) section of Clearway Community Solar's "[Bright Ideas](#)" blog won first place in the "topic-specific" category of the [Content Marketing Awards](#), an annual recognition of the use of content strategy in effective and engaging manners.

The blog features monthly science experiments for elementary and middle school students. Designed by a teacher, the activities are matched to specific grade levels and focus on clean energy education. Our "Bright Ideas" blog is one of the highest-traffic sections of our website and offers a way to educate the next generation about the importance of making smart choices about energy.

Expanding our Community Solar Portfolio

In 2021, we placed 38 community solar projects totaling 94 MW into service. These projects will serve 8,500+ commercial and residential customers and bring the total community solar projects in service to 435 MW across Colorado, Illinois, Massachusetts, Minnesota, and New York. In addition, we completed over 60 rounds of funding to raise capital in support of 114 MW of community solar projects.

Community Solar Policy Development in Illinois

Clearway led the industry in our efforts to improve Illinois' community solar program through the passage of the Climate and Equitable Jobs Act (CEJA). This legislation mitigated and resolved risks related to the value of renewable energy credits that had been created by the previous statute and allows for a very significant expansion of the state's community solar program. The more stable, pro-community solar policies introduced by CEJA have allowed us to use alternative underwriting scenarios, thus driving value for our customers while expanding our project footprint in the state.

Spotlight:

Leading the Transition to a Clean Energy Economy in West Virginia

Clearway is helping to lead the transition to a clean energy economy in West Virginia. As the largest owner-operator of renewable energy assets in the Mountain State, we have 1.26 GW of wind and energy storage in operation or under development. Our facilities help place West Virginia at the forefront of the clean energy transition, creating living-wage jobs and helping make the grid stronger and more reliable.

Our investments in the state's clean energy infrastructure are helping to power its workforce, economy, regional tax base, and local communities. In the communities where we operate, Clearway ranks as one of the largest taxpayers, with \$3.3 million combined state and local taxes paid annually. We have also fostered more than 60 long-term community partnerships with local nonprofits, educational institutions, and organizations.

Each new wind farm provides an opportunity to further enhance communities, and we look forward to finding even more ways to give back.



Workforce Training

Our Wind Technician pilot apprenticeship program offers paid training to workers transitioning out of the coal industry and an opportunity to start a rewarding career in renewable energy.



Community Giving

Through the Clearway Community Benefit Fund, we create opportunities to enhance local infrastructure, provide new programming, and form educational partnerships.

Clearway's West Virginia Wind Farms

We're helping place the Mountain State at the forefront of the clean energy transition.



Black Rock Wind

Location: Grant and Mineral Counties

Project Size: 115 MW



\$5.7 million in property taxes to Grant and Mineral counties over Black Rock wind's operating life



200 union jobs created in partnership with the West Virginia building and construction trades



\$50,000 donated to local nonprofits annually through the Black Rock Community Benefit Fund

Pinnacle Wind

Location: Mineral County

Project Size: 54 MW

\$3.7 million in West Virginia business and occupancy taxes over Pinnacle Wind's operating life



50 union jobs created in partnership with the West Virginia building and construction trades



Over \$250,000 in grants to local community organizations



Mount Storm

Location: Grant County

Project Size: 264 MW



Up to 264 MW of clean energy generated for the Mid-Atlantic power grid



An average of 600,000 MWh of wind electricity generated each year

(Re)powering West Virginia's Economy with Wind Energy

In December 2021, we were proud to announce completion of the repowering of our 54 MW Pinnacle Wind Farm in Mineral County, West Virginia. This \$90 million capital investment replaced the site's 23 turbines with modern equipment, which now produces nearly 16% more clean energy. In keeping with our commitment to optimize local hiring and spending, the repowering project created approximately 50 full-time construction jobs under project labor agreements with West Virginia construction trade unions.

Clearway is already one of the largest taxpayers in the county, currently generating \$500,000 in property taxes each year. The repowering will increase Clearway's tax payments to Mineral County and extend the number of years Clearway supports the local tax base. In addition, Pinnacle will contribute \$3.7 million in West Virginia business and occupancy taxes over its newly extended operating life. The repowering also extends the life of the Pinnacle Wind Community Benefit Fund, which is overseen by a committee of local residents who understand the community's unique needs.

The Pinnacle Wind Farm is owned by CWEN and contracted under long-term power purchase agreements with the Maryland Department of General Services as well as an academic institution.

Expanding Our Clean Energy Footprint

In January 2021, we commenced construction on the 115 MW Black Rock wind farm, which spans Grant and Mineral counties. Building the 23-turbine project created 200 local construction jobs and generated significant spending in the local community.

Black Rock's construction was completed at the end of 2021 and its clean energy production is equivalent to the needs of 55,000 homes. The project's power is being purchased by Toyota, which will use the generation at its West Virginia plant to help achieve carbon neutrality at its manufacturing facilities by 2035, and by AEP Energy Partners, which will include Black Rock's generation in the carbon-free energy they supply to their customers.

Clearway will pay \$5.7 million in property taxes to the counties and \$9 million in Business & Occupation taxes to the state over the life of the project, making us a leading taxpayer in Grant and Mineral counties. In addition, the Black Rock Community Benefit Fund will donate \$50,000 to local nonprofits every year throughout the project's lifespan.

Giving Back

Clearway is committed to giving back to the communities where we work and live. For each of our projects, we strive to find ways in which we can benefit local organizations and non-profits in ways that help build healthier communities and positive relationships with our project neighbors.

The Clearway Community Benefit Fund is the cornerstone of our support for local nonprofits. In 2021, the Pinnacle Community Benefit Fund awarded [eleven grants totaling \\$25,000](#) for brick-and-mortar projects related to education, historic preservation, public safety, economic development, and public recreation. Since its inception, Pinnacle has provided \$255,275 through the Community Benefit Fund.

Beginning in 2022, the Clearway Community Benefit Fund will extend to Black Rock wind and provide an additional \$50,000 in annual contributions. The Pinnacle and Black Rock Community Benefit Funds are overseen by committees of local residents who review the grant applications and select the recipients.

Clearway is proud to have invested \$460 million in West Virginia in 2021 alone – and we are just getting started. As we continue to grow West Virginia's energy economy and labor force, we look forward to forging more community partnerships and finding more ways to support the communities we call home.



Local residents who are members of the Pinnacle Community Benefit Fund Allocation Committee and direct funding activity.



Clearway sponsored the 2021 Mountain Streams Music & Arts Festival in Fort Ashby, West Virginia.





Minimizing Our Environmental Impact: Pinnacle Blade Recycling

Modernizing the Pinnacle Wind Farm involved removing the original 23 turbines, strengthening the existing foundations, and installing entirely new towers, nacelles, and blades. While the total number of turbines didn't change, the new equipment is more efficient and will generate 16% more clean power without requiring any upgrades to the transmission system.

In keeping with Clearway's commitment to reduce our environmental impacts, an estimated 85% of the materials (by weight) from the decommissioned turbines was repurposed or recycled, yielding approximately 7,400 tons of steel and 495 tons of fiberglass, in addition to approximately 18,500 gallons of combined hydraulic fluid and coolant that were recovered. Significant quantities of aluminum and cabling were also recovered from each turbine. Some of the turbine components, including three blades and nine generators, were repurposed for use at other wind farms.

The scrap metal products were transported to nearby recycling facilities predominantly located in Pennsylvania, West Virginia, and Virginia. The fiberglass blades were transported to Georgia and recycled by [FibREtech](#).

Because the repowering activity occurred within Pinnacle's existing project footprint, construction impacts were minimized. At the end of the two-to-three-day deconstruction process for each turbine, a focused clean-up effort was conducted to reduce the possibility of any debris being left in the area.



Workers cut sections of the old towers removed from Pinnacle Wind to prepare them to be recycled.

Facilitating the Transition to Clean Energy Jobs

Renewable energy is one of the fastest-growing sectors of the economy. Driven by increasing demand for low-cost wind and solar power, the transition to renewable energy is creating hundreds of thousands of jobs across the country.

West Virginia has a proud history in the energy sector and has been known for its coal production since the mid-1800s, but cleaner and less costly sources of electricity have reduced demand for coal, reducing employment in this industry. Fortunately, the state has abundant wind and solar resources that will help build the next-generation energy economy while creating new, family-wage jobs, particularly in rural communities that have been hit hardest by the transition. Working in clean energy requires many of the same skills needed in the coal industry, creating an opportunity for interested individuals to jumpstart their careers in an expanding field.

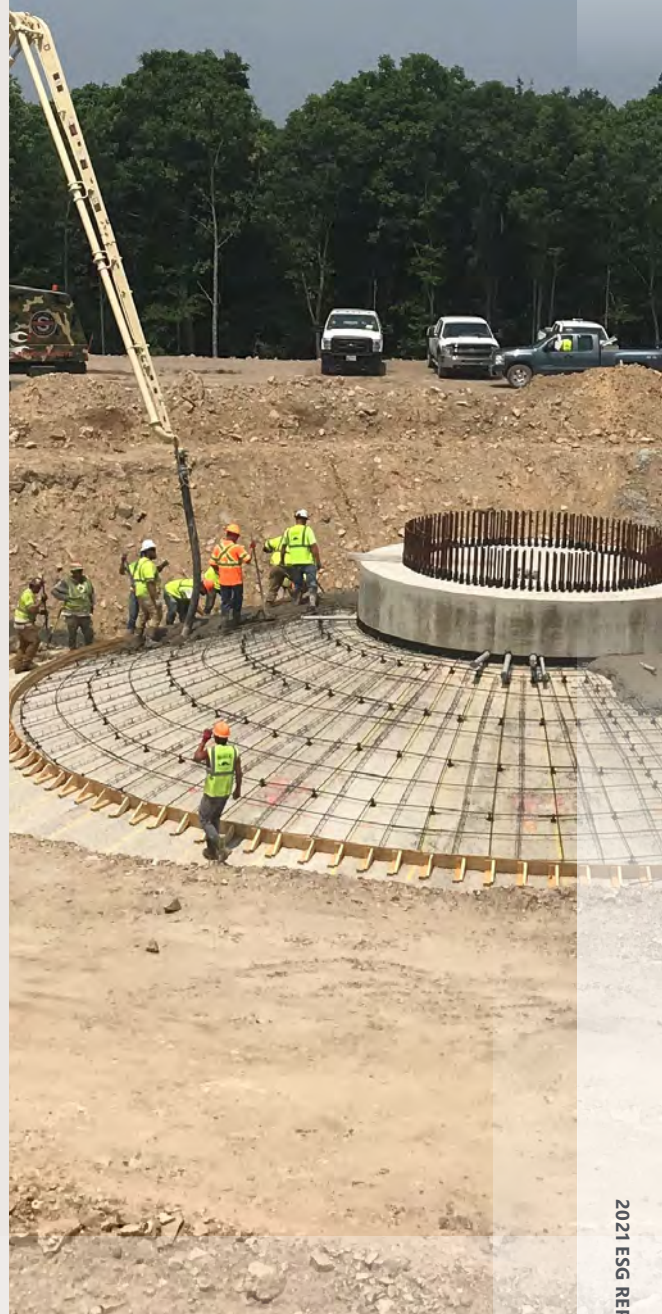
According to the U.S. Bureau of Labor Statistics, wind turbine technician is the second-fastest growing occupation in the country with [jobs projected to grow 68%](#) between 2020-2030. In 2021, Clearway launched a pilot wind technician apprenticeship program that offers paid training to qualified individuals who have been impacted by the decline in West Virginia's coal industry. The program is designed to provide an opportunity to start a new career in renewable energy by delivering approximately \$20,000 in essential training needed to become a wind technician, including:

- Basic electrical, mechanical, and hydraulic principles
- Safety training and certification in tower climbing and rescue
- Technical training (provided by the wind turbine or solar inverter manufacturer)
- Travel and lodging, as needed

After successfully completing the training, a competitive offer may be made for employment at a Clearway wind or solar energy facility.



Clearway held job fairs in Grant and Mineral counties to help spread the word about the West Virginia Wind Tech Apprenticeship Program, which is creating new careers for individuals displaced from the coal industry.





Partnering to Develop Skills and Jobs

Eastern West Virginia Community and Technical College (Eastern) in Petersburg, West Virginia started a Wind Energy Technology program in 2010. The college offers a two-year Associate Degree in Applied Science as well as a one-year certificate for students looking to work in the renewable energy industry.

Students in the Wind Energy Technology program learn the skills necessary to service and troubleshoot modern wind power generation equipment while acquiring the background knowledge needed to advance their careers in the power generation field. Eastern has also designed its programs to comply with all American Clean Power Association (ACPA) standards and capitalize on West Virginia's position as a new leader in the wind industry.

To support these activities, Clearway is partnering with Eastern to create education and workforce development opportunities for local graduates. In 2021, we hired five recent graduates of the program to support the operations and maintenance of our 115 MW Black Rock wind site and our 54 MW Pinnacle Wind site. Along with our 240 MW Mount Storm Wind site, we're now the largest owner-operator of wind farms in the state.



Lead Wind Technician James Adkins is joined atop a nacelle at Mount Storm Wind by new hires Austin Locklear, Andrew Cosner, and Ian Guckavan. All four men are graduates of the Eastern West Virginia Community & Technical College wind tech program.

Environmental Stewardship

Our approach to environmental stewardship is based on striving to ensure that Clearway's activities reduce greenhouse gas emissions and protect, conserve, and enhance biodiversity and natural resources.

We are committed to taking a sustainability-first approach to building a world powered by clean energy. It is our responsibility and duty to operate in a way that promotes and helps create a sustainable world for future generations.

Our Environmental Metrics

Clearway Energy, Inc.

Conventional Assets CO ₂ Emissions (metric tonnes in millions)	Scope 1	Scope 2
2019	0.76	0.01
2020	0.84	0.01
2021	0.62	0.01

Clearway Energy Group (Renewable Assets)

	2019	2020 ⁱ	2021
Fuel consumption (vehicles) ⁱⁱ	Not reported	227,348 gallons ⁱⁱⁱ	244,450 gallons
Electricity use (offices and buildings)	Not reported	12,029 MWh	11,717 MWh
Water use	25,100 gallons ^{iv}	1,090,502 gallons	734,190 gallons ^v
Hazardous waste	None	None	None
Other non-hazardous waste	236,115 pounds	851,400 pounds	596,200 pounds
Oil recycled	127,000 pounds	19,450 gallons 162,213 pounds	13,918 gallons 116,076 pounds

ⁱ Amounts are based on data available and tracked in 2020.

ⁱⁱ Fuel type consisted of 80% unleaded and 20% diesel.

ⁱⁱⁱ Figure has been revised from what was presented in our 2020 ESG report.

^{iv} This was the amount used to wash solar panels and does not represent our total usage.

^v Water use is tracked at 73% of our renewable sites; this figure does not include water use at our corporate offices.

To succeed in our ESG efforts, we commit to:

- Track, manage, and establish meaningful targets for important environmental metrics deemed material to the business
- Understand, minimize, and report on GHG emissions
- Adopt principles of regenerative development in our approach to land management, and seek to restore, revitalize, and regenerate the lands occupied by our facilities as well as their immediate surroundings
- Reduce waste and increase our landfill diversion rate across all facilities
- Understand, assess, and organize around important climate change-related risks and opportunities for the company
- Increase the reuse and recycling of end-of-life renewable energy system materials

Wildlife Thrives at CVSR

Our 250 MW California Valley Solar Ranch (CVSR) facility is located in eastern San Luis Obispo County, California. In 2019, we implemented an initiative to restore portions of the land to its natural state through the re-introduction of native grasses and shrubs with the goal of creating habitat for native wildlife species. Ongoing monitoring of the facility has shown that populations of three protected species – the giant kangaroo rat, San Joaquin kit fox, and San Joaquin antelope squirrel – are all successfully reproducing and thriving within the project footprint.



San Joaquin antelope squirrel, giant kangaroo rat, and San Joaquin kit fox at the CVSR facility.



New IdentiFlight Installation at Mountain Wind

Following the successful 2020 installation of an [IdentiFlight](#) system at our 80 MW Mountain Wind 2 site in Wyoming, in 2021, we expanded this installation to include the adjacent 61 MW Mountain Wind 1 site. IdentiFlight is an optical, machine-learning technology designed to detect and track eagles and send a signal to temporarily stop individual turbines in the eagle's path, avoiding the need for more extensive curtailment. By optimizing curtailment, the system has made it possible to maximize clean energy production at Mountain Wind 1 and 2 while also protecting and conserving wildlife.

We also employ human biomonitorers at the Mountain Wind sites, and in 2021 we installed an observation tower for these individuals, who would otherwise be stationed in vehicles at strategic locations around the perimeter of the wind farms. The tower eliminates the emissions associated with driving and idling these vehicles, and the viewing platform sits 30 feet above the ground, giving the monitors a clear 360-degree view of the area.



Sustainable Vegetation Management Through Solar Grazing

“Solar grazing” refers to the practice of grazing sheep at solar facilities. Sheep farmers benefit from having access to additional grazing for their flocks, and the solar facility benefits from an effective means of vegetation management. We use solar grazing at both our CVSR and Avenal facilities. At CVSR, the sheep are particularly helpful in terms of weed control, and by reducing the amount of potential herbaceous fuel, they lower the risk of wildfire spreading among the solar panels. At Avenal, the landowner plants oats to provide nutritious grazing for the sheep.



Sheep graze among the solar panels at CVSR.

Preserving Native Culture at Daggett Solar + Storage

Construction on the Daggett Solar + Storage project began in Fall 2021. The facility, which is composed of three phases, is located on approximately 3,500 acres five miles east of the town of Daggett in San Bernardino County, California. Both the desert kit fox and the Western burrowing owl are present within the site footprint. Surveys and biological monitoring have been actively conducted throughout the construction process in an ongoing effort to ensure these species are protected and conserved.

Portions of the Daggett footprint include ancestral lands of the San Manuel Band of Mission Indians. On behalf of the San Manuel Band, members of the Morongo Band of Mission Indians have actively monitored the construction process to ensure that any sensitive resources are protected. The monitors coordinate with the archaeological team assigned to the project to identify any artifacts and either repatriate them on site or remove them safely to an appropriate repository.



Industry Engagement on Environmental Issues

Clearway plays a leading role in industry associations focused on the potential environmental impacts of renewable energy. In 2021, we continued to serve as a board member of the American Wind Wildlife Institute and helped guide that organization's decision to expand its mandate to include solar. As a result, AWWI became the [Renewable Energy Wildlife Institute](#), or REWI, in 2022. We participated in the planning committee for REWI's first [Solar Symposium](#) and were a gold-level sponsor of the event.

We're also founding members of the Wind Wildlife Research Fund, which in 2022 became the [Renewable Energy Wildlife Research Fund](#). The Fund is an innovative, industry-led initiative that pools resources to develop science-based solutions to wildlife challenges faced by the renewable energy industry, helping renewables to expand while also conserving wildlife and habitat. In 2021, Clearway contributed funding to the Fund's six research projects focused on understanding and reducing the impact of wind energy on bats, eagles, and sage grouse.

As founding members of the [Avian Solar Working Group](#) (ASWG), we participate in the ASWG organizing committee and contributed funding and solar facility access to advance a USGS-led study on the potential "lake effects" of solar projects, the results of which will be published in 2022.



A red tailed hawk lands on a raptor perch.



Governance

Accountability, transparency, and good governance are fundamental to the Clearway enterprise. Our purpose, values, and strategies are determined by our leadership, and our officers and employees are committed to our shared mission and operating principles.

Important governance functions like accounting and internal audit are shared across the Clearway enterprise. As such, although Clearway Energy Group is privately owned, our policies, financial controls, and business controls adhere to the same standards (including those required by the Sarbanes-Oxley Act) expected of our publicly traded affiliate Clearway Energy, Inc. Our financial performance and an analysis of enterprise-level risks are regularly reported to the boards of both companies as well as to our owners. Monthly reviews of our company and department-level budgets, variances, and multi-year forecasts are conducted to ensure that we are managing our financial resources wisely.

More information on our [governance](#) and approach to risk management can be found on our website.

Acknowledgements

This effort wouldn't have been possible without the support of many helping hands. The following individuals played a role in providing information and data, developing, and shaping Clearway's 2021 ESG Report.

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Appendix

Forward Looking Statements

Safe Harbor

Clearway Energy Group LLC's and Clearway Energy, Inc.'s (collectively, "Clearway") 2021 ESG report contains forward-looking statements regarding the intentions, beliefs, expectations, or predictions for the future held by the companies' management. Such forward-looking statements are subject to certain risks, uncertainties, and assumptions, and typically can be identified by the use of words such as "will," "expect," "estimate," "anticipate," "forecast," "plan," "believe" and similar terms. Although Clearway believes that the expectations of its management are reasonable, it can give no assurance that these expectations will prove to have been correct, and actual results may vary materially. Clearway undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise.

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