

# 2024 Corporate Responsibility Report

Avangrid Power





# Avangrid Power



Avangrid has positioned itself as an energy leader capable of meeting unprecedented demand. Our portfolio of over 75 operating facilities provide power to millions of homes and businesses each day, and we continue adding to this fleet with new projects both onshore and offshore. Avangrid is helping the United States achieve energy independence while creating thousands of jobs, driving investment in domestic supply chains, and creating economic opportunity in communities across the nation.”

**José Antonio Miranda** / CEO – Power



# Avangrid Power's Operations

## Investing In a Secure Energy Future for All

Avangrid Power, LLC, is a leading energy generation company producing power for homes, businesses and municipalities across the United States. We create long-term value for communities by contributing to job creation and economic growth, and by delivering energy solutions that meet America's growing energy needs.

### 2024 Operational and Financial Data

#### Avangrid Power

10.2 GW total installed capacity

\$77 million in repowering investments to date

27.5 GW power pipeline

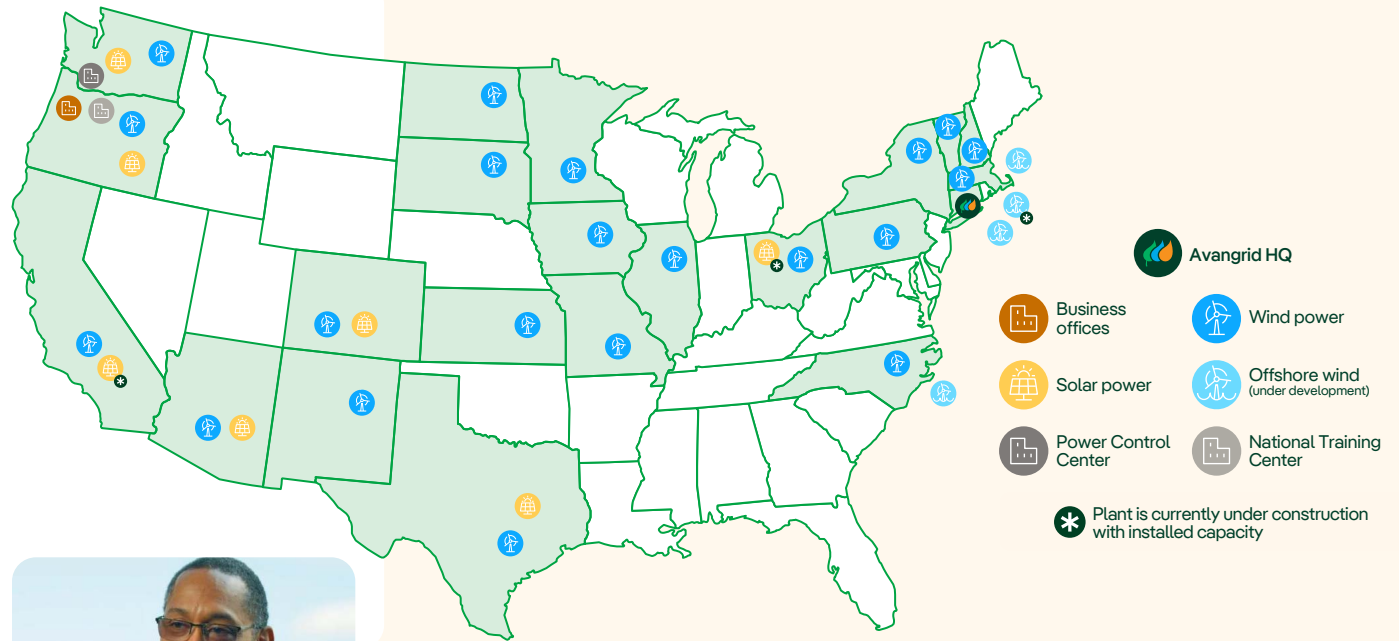
\$15 billion in assets

94% emissions-free capacity (9.6 GW)

24,498 GWh net production of electricity (79% wind, 16% thermal, 5% solar)

\$2 million in community support

1,231 employees



All data as of December 31, 2024. Some values have had rounding applied that does not materially change the value.



# Avangrid Power's Impacts - 2024

**\$839M**

supplier spend across Avangrid Power



**97.7%**

recycled water in thermal generation at Klamath co-gen plant



**\$108.7M**

equal opportunity supplier spend



**\$97M**

in lease payments including to landowners



**50+**

nonprofits supported<sup>5</sup>



**12%**

alternative fuel fleet vehicles



**10,287**

jobs supported<sup>4</sup>



**4,090**

volunteer hours



**\$2.5M**

community support<sup>2</sup>



**\$762,000**

charitable giving<sup>1</sup>



**69%**

blades recycled



**\$112M**

taxes paid<sup>8</sup>



**24,498 GWh**

net production of electricity by source  
79% Wind • 16% Thermal • 5% Solar



All totals as of December 31, 2024, unless otherwise noted. Some numbers have rounding applied that does not materially change the value. Footnoted definitions available in the [Glossary](#).



# Advancing Domestic Energy Security

Adding new U.S.-based power generation reduces reliance on foreign sources of energy and makes our energy infrastructure more resilient, reliable and ready to meet tomorrow’s challenges.



## Investing in New, Local Sources of Energy

Some key highlights of our work in 2024 included:

- **Growing our power generation portfolio:** Our portfolio included 591 MW of newly operational solar, 1.5 GW of under-construction wind, solar and repowering projects, and a total pipeline of 27.5 GW to support future growth. We closed 2024 with an achievement of 9.6 GW of total emissions-free installed capacity at Avangrid Power.

- **Commissioning the True North facility:** We began to produce power at our True North Solar project in Falls County, Texas. This project is providing 321 MWdc of power to support Meta’s operations, including its upcoming data center in neighboring Temple, Texas. At the peak of construction, True North supported 350 jobs, most of which were sourced locally. Along with continuing to create local jobs to support the surrounding community, the project is expected to generate over \$40 million in property taxes over its lifetime.

- **Generating first energy from Vineyard Wind 1:** In January, we delivered power from our project off the coast of Massachusetts to the energy grid for the first time. When complete, Vineyard Wind 1 is expected to produce enough energy to power over 400,000 Massachusetts households and save customers \$1.4 billion over the first 20 years of operation. We estimate that the project will also create thousands of local jobs to support the surrounding community, including more than 1,000 union jobs through the three years of construction – more than double the commitment made in the Project Labor Agreement.



- **Collaborating with communities and funding grid upgrades:** We made significant progress on our New England 1 project. When complete, the project is expected to provide enough power to energize approximately 400,000 homes across New England. Some key 2024 moments in the project included:
  - **We provided over \$13 million to fund critical upgrades** for the energy grid on Cape Cod to ensure the necessary infrastructure is in place so we can deliver energy from the project across the region.
  - **The town of Barnstable, Massachusetts, reaffirmed its Host Community Agreement with Avangrid Power** and will work with us to allow for a cable landing to deliver power from the project to customers. We will provide Barnstable with \$16 million to cover costs for services like post-construction streetscaping and to defray the town’s sewer construction costs associated with construction. We will also donate \$500,000 to the Barnstable High School Environmental Science and Technology Lab.
  - **In addition to these milestones,** and to the critical and reliable energy it will provide to the region, the project is expected to create more than 4,000 full-time jobs and bring more than \$3 billion in local investments to the region.



- **Securing areas to bring more power to the Gulf of Maine:** In October, we secured two lease areas to develop wind power projects in the Gulf of Maine that would deliver approximately 3 GW of additional power to New England, helping the region meet its growing energy needs. We plan to leverage Iberdrola's expertise to utilize floating turbine technology, where turbines can be installed on floating platforms in locations with deep seabeds.
- **Planning construction on our fifth plant in Illinois:** We announced the construction of a new project in Illinois. When complete, the Osagrove Flats project in La Salle County will include 34 turbines with the capacity to produce more than 550,000 MWh of power in a year, which is roughly the amount used by 50,000 U.S. homes.

Osagrove Flats is expected to create about 300 construction jobs, in addition to long-term operations and maintenance jobs once the project is complete. Along with generating power and creating employment opportunities, the project is estimated to generate more than \$40 million in property taxes over its lifetime, supporting services like education and fire protection.



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# Investing In Our Communities

We are committed to helping create a brighter future for our communities. Across the U.S., we proactively engage with the communities where we operate to understand their needs, manage our impact and contribute to local economic development and organizations.

## Supporting Local Community Organizations

We recognize that we impact the communities where we build and operate our energy projects. We work to ensure that our impacts are positive and that our engagement with communities is collaborative. In addition to identifying and addressing community needs during the permitting phase of new projects, we also work with local schools, nonprofits and other organizations to help our communities thrive.

In 2024, we provided over \$2 million in community support and over 4,000 hours of volunteer time across communities where our projects operate, supporting critical needs like education, community services and conservation. Some examples included:

- **Bringing energy education to Connecticut students:** In April, we continued engaging with high school students from across Connecticut by again sponsoring the RISE event at the University of Bridgeport. The event highlighted the work of the university's faculty, staff and students as researchers, innovators, scholars and entrepreneurs (RISE). Our employees guided students through hands-on activities and answered questions during Q&A sessions. This was Avangrid's second workshop with the University of Bridgeport, an institution we have partnered with for multiple years.

- **Combatting food insecurity in Massachusetts with Food for Free:** For the third consecutive year, we partnered with Food for Free, a nonprofit established to improve access to healthy food for low-income households in the community. The Avangrid team volunteered in the "Just Eats" program, packing 320 boxes of fresh fruits, vegetables and pantry staples for delivery to food pantries, low-income housing facilities and schools in eastern Massachusetts communities.
- **Celebrating over a decade of supporting SMART Reading in Oregon schools:** Avangrid Power and its employees have long supported SMART Reading, a nonprofit that provides critical support for thousands of children to become motivated, successful readers in Oregon's highest-need schools. Over the past decade, the Avangrid Foundation has granted SMART Reading more than \$295,000 in support of their programs in five Oregon cities. SMART Reading works with schools and teachers to provide managed, one-on-one reading time and access to books. Every child who participates gets to select two books every month to keep as their own. Along with financial support from the Avangrid Foundation, our employees volunteer their time restoring books and participating in student reading sessions.



Volunteers pack deliveries at Food for Free.

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## Bolstering Local Economic Development

Our projects create opportunities and strengthen local economies in the communities where we operate, including by creating jobs during both the construction phase and in ongoing maintenance and operations. The projects also help fund local tax bases to support schools, law enforcement, fire departments and other critical resources. Additionally, we find innovative pathways to sustainably maintain our operations while supporting local businesses. Some examples of how we bolstered local economies in 2024 included:

- **Partnering with a local ranch for sheep grazing in the Pacific Northwest:**

We partnered with a fifth-generation rancher in Oregon to graze thousands of sheep at Pachwaywit Fields project and Lund Hill project – two of the largest solar projects in the Pacific Northwest. Utilizing sheep has proven effective at limiting the growth of weeds and invasive species while also cutting down on wildfire risks and avoiding the use of gas-powered machines. At the program’s peak, more than 5,000 sheep grazed across both facilities. These sheep belong to Cameron Krebs, a fifth-generation Oregon rancher whose family has partnered for over a century with Oregon-based Pendleton Woolen Mills, providing wool fiber for products like blankets and clothing. Each sheep consumes about four to five pounds of dry matter per day, converting it into food or fiber, or returning it to the soil naturally. By working with Krebs, we are supporting the local economy while helping to provide power to local residents in a more sustainable manner.



View our **EMPOWERED** video series that highlights the communities and people we impact.



- **Supporting a high-desert community in Washington state:** In southeast Washington state, the high-desert farming community of Bickleton is home to an Avangrid solar project and three wind projects. We’ve worked hard to become a part of the community, including by investing in the area to make it stronger and safer. When a wildfire took hold in Bickleton, burning roughly 2,500 acres an hour, we helped local firefighters access water from our project. The community built a much-needed new school using tax revenue generated from our operations. We also lease land long-term from community residents for our projects, providing local families with stable revenue – and they contribute to our efforts to responsibly generate energy.

- **Supporting communities in Ohio:** Van Wert County and Paulding County are home to several small Ohio farming communities as well as Avangrid’s Blue Creek project, which came online in 2012 and now employs 18 people. Blue Creek helps support local services like fire departments and schools by contributing to the local tax base, and it provides income to local farmers who have leased some of their land to us. Through the Avangrid Foundation, we’re also supporting communities. The Convoy Opera house in Convoy, Ohio, was built in 1901 and had fallen into disrepair. We provided a \$30,000 grant to support its restoration. Today, the opera house hosts community events and live performances, and has been designated a national historic site.





# Caring for People and Our Natural Resources

The health, safety and well-being of our communities – and future generations – is important to us. We take seriously our role in preserving natural resources and providing people with stable, meaningful career opportunities.



## Investing in Workforce Development

As our business expands, we continue to grow a skilled workforce with opportunities for professional development and career advancement. To do this, we invest in resources that will help our workforce perform safely and effectively. Some of the ways we supported the development of our workforce in 2024 included:

- **Equipping technicians with hands-on skills at the new National Training Center:** To help meet the workforce demand, we opened a new National Training Center in Sherman County, Oregon, in 2024. This state-of-the-art facility will equip technicians with the skills and knowledge they need to work safely and effectively at our energy plants. The center will also help build career opportunities in a rapidly growing sector.
- **Creating jobs at our operations and maintenance facilities:** In June, Massachusetts Governor Maura Healey joined Avangrid CEO Pedro Azagra and our project partner Copenhagen Infrastructure Partners to tour our operations and maintenance facilities on Martha's Vineyard. These facilities, which provide critical operations and maintenance services to our nearby project, will create up to 90 jobs on the island.

Roles include technicians who will receive intensive training overseas through Iberdrola's operational projects, along with site managers, helicopter pilots and crew vessel support staff. We're proud to be able to show Governor Healy the positive impacts we're creating through our projects.



## Caring for Our Natural Resources

We look for ways to limit the impacts of our projects, protect our natural resources and create positive outcomes. We also dedicate volunteer time and funding to conservation organizations. Some examples of this work in 2024 included:



These certifications demonstrate our unwavering commitment to the health and safety of our staff and to the conservation of natural resources across our projects.

- **Helping to bring California condors back to the wild:** We continued to support the recovery of the endangered California condor. With our funding support, teams reared 12 of the endangered birds at the Oregon Zoo and successfully released them into the wild. Thanks to such programs, the California condor population has grown from 27 in the mid-1980s to over 500 today, including 300 in the wild.

- **Achieving joint ISO certifications:** Avangrid's onshore business became the first such business in Iberdrola to achieve joint ISO 14001 and 45001 certifications. ISO 14001 is the environmental management system of the International Organization for Standardization, and ISO 45001 encompasses the organization's occupational health and safety systems. These certifications demonstrate our unwavering commitment to the health and safety of our staff and to the conservation of natural resources across our projects.

Auditors from external registrar Bureau Veritas spent 31 days examining our operations, visiting 10 of our sites and our business office in Portland, Oregon. The audit team identified several areas where our onshore business was deemed "excellent." These included our competency development programs, which are provided through Avangrid's new National Training Center; platforms provided to ensure proactive incident reporting; and monitoring and reporting of metrics. These certifications demonstrate how we build resilience into our daily activities and operations.



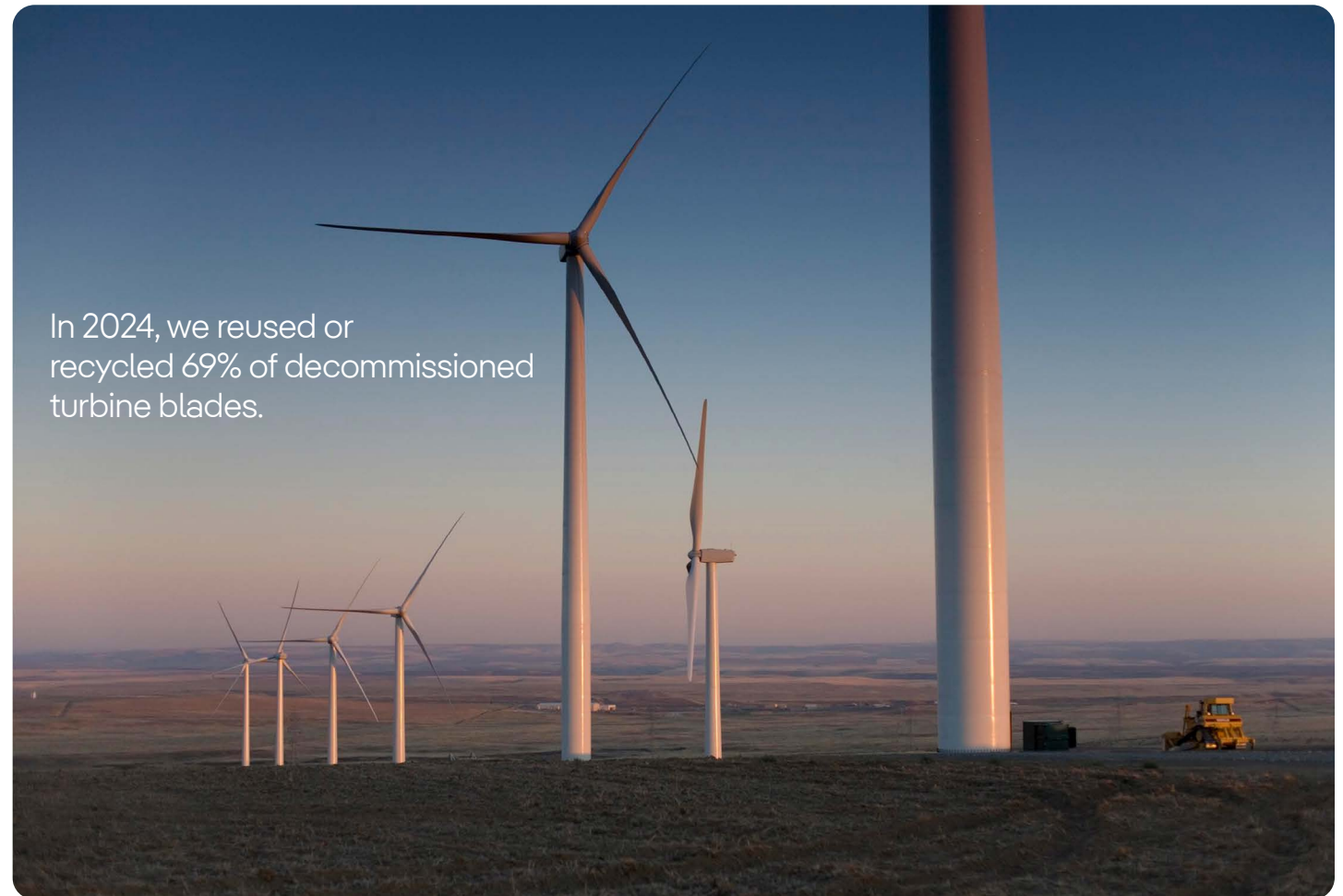


## Innovating for the Future

At Avangrid, our power business is well-positioned to support the energy revolution through new technologies, forward-thinking partnerships and innovative solutions to the nation's energy demands.

We have deep experience in advancing energy technologies in ways that reduce cost and waste while contributing to the energy future. This includes efforts to contribute to a circular economy, where the life of projects is extended and valuable materials are recycled or repurposed. Some examples of our work in 2024 included:

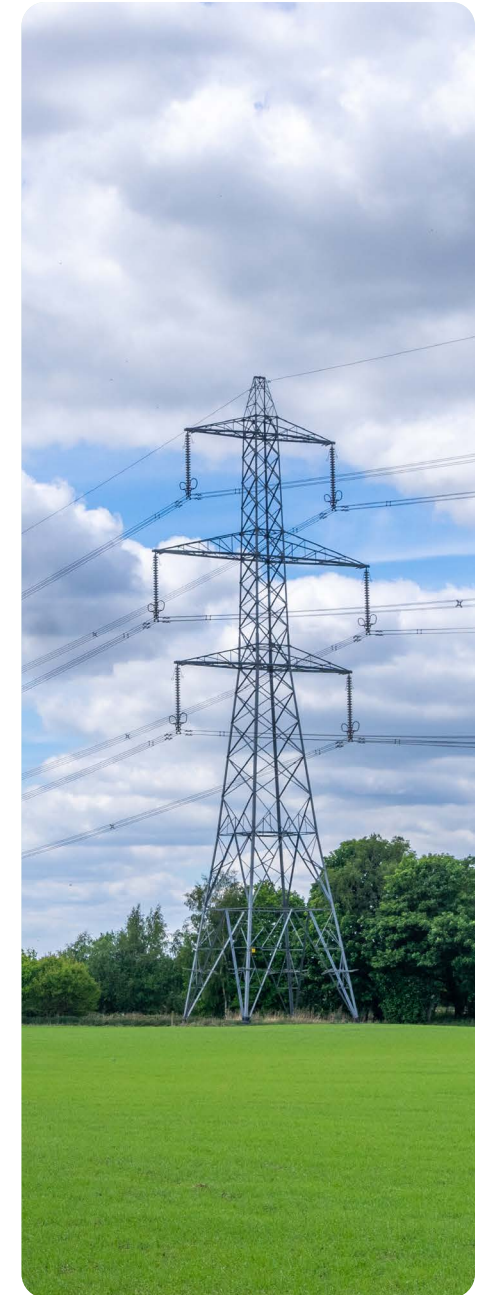
- **Repowering an Oregon plant:** In February, we announced that Avangrid would provide Amazon with 90 MW of power from an existing project in Gilliam County, Oregon, that will receive significant upgrades. The project, called the Amazon Wind Farm – Leaning Juniper IIA, is a repowering project. Repowering involves using improved technologies to significantly extend the life of the existing project so that it more efficiently generates power.
- **Recycling decommissioned blades from our plants:** We aim to reuse or recycle 100% of our decommissioned turbine blades by 2030. In 2024, we reused or recycled 69%.





# Glossary

- <sup>1</sup> **Charitable Giving:** Combined total of contributions in 2024 by the applicable Avangrid company and the Avangrid Foundation that have benefited nonprofits or had a charitable cause. Charitable giving is shareholder-funded.
- <sup>2</sup> **Community Support:** Combined total of charitable giving (see above definition) and certain local economic development support (such as Chamber of Commerce and local business coalition engagement, sponsorships, and similar) provided in 2024 by the applicable Avangrid company and the Avangrid Foundation.
- <sup>3</sup> **Energy Efficiency Savings:** In the case of natural gas, MMBtu is converted to MWh for comparability. Calculation of homes powered is based on the most recently available annual average household electricity use according to the [Energy Information Administration](#).
- <sup>4</sup> **Jobs Supported:** Estimate including direct, indirect and induced impacts of Avangrid's operations on U.S. employment. Based on Bureau of Labor Statistics data and job factor computations applied to the total number of employees that are based in the applicable state, regardless of which Avangrid company employs them. Avangrid Power operates nationwide so their figure includes all U.S. states.
- <sup>5</sup> **Nonprofits Supported:** Total 501(c)(3) nonprofits that received community support (see above definition) in 2024.
- <sup>6</sup> **Supplier Spend:** All U.S. supplier spend from the acquisition or contracting of materials, equipment, works and services from local suppliers.
- <sup>7</sup> **Sustainable Suppliers:** The sustainable suppliers program evaluates all main suppliers (those with individual awards greater than 1 million euros) by considering 40+ factors from environmental compliance to risk management.
- <sup>8</sup> **Taxes:** Combined total of taxes and any applicable regulatory assessment fees, broken out by the applicable Avangrid company in the applicable state as noted on each Impact graphic. Avangrid Power operates nationwide, so their figure includes all U.S. states.





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