

SUSTAINABILITY REPORT

AMAZON'S RENEWABLE ENERGY PORTFOLIO

Accelerating Towards Net-Zero Carbon

AUGUST 2026 EDITION

EXECUTIVE SUMMARY

Amazon is the world's largest corporate purchaser of renewable energy, a title held since 2020. Our commitment to The Climate Pledge—to reach net-zero carbon by 2040—is powered by a rapid transition to carbon-free energy across our global operations. As of early 2025, Amazon reached its goal of matching 100% of the electricity consumed across its global operations with 100% renewable energy, seven years ahead of the original 2030 target.

500+

GLOBAL RENEWABLE ENERGY PROJECTS

28+ GW

TOTAL CAPACITY ENABLED

KEY PILLARS OF PROGRESS

- **Utility-Scale Projects:** Massive wind and solar farms feeding grids worldwide.
- **On-site Solar:** Rooftop installations across Amazon fulfillment centers.
- **Innovation:** Investing in green hydrogen and next-gen storage.

THE CLIMATE PLEDGE

In 2019, Amazon co-founded The Climate Pledge, a commitment to reach net-zero carbon by 2040—10 years ahead of the Paris Agreement. This pledge requires signatories to be leaders in transparency and decarbonization.

THREE CORE PRINCIPLES:

1. **Regular Reporting:** Measuring and reporting greenhouse gas emissions on a regular basis.
2. **Carbon Elimination:** Implementing decarbonization strategies in line with the Paris Agreement.
3. **Credible Offsets:** Neutralizing any remaining emissions with additional, quantifiable, real, permanent, and socially-beneficial offsets.

Transitioning to renewable energy is the most significant lever we have to eliminate carbon from our operations, particularly for our massive data center (AWS) and fulfillment infrastructure.

TRACKING OUR JOURNEY

Our rapid expansion of renewable energy capacity is documented through rigorous third-party verification and internal audits. The following data visualizes our path to the 100% renewable energy milestone.

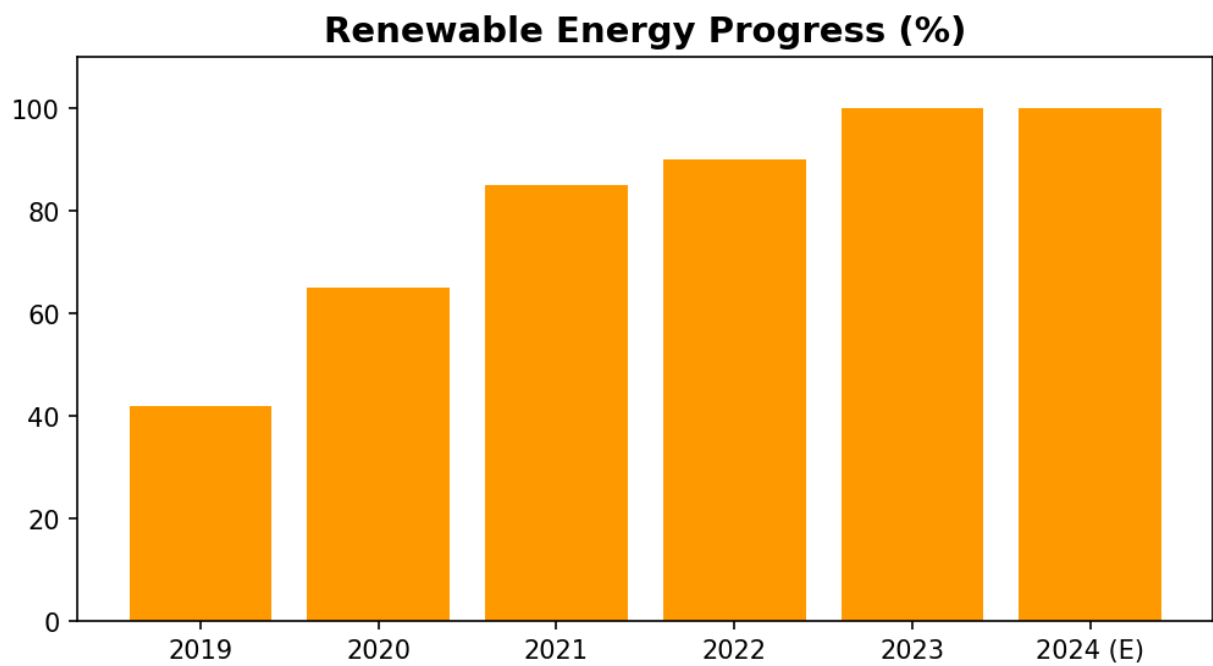


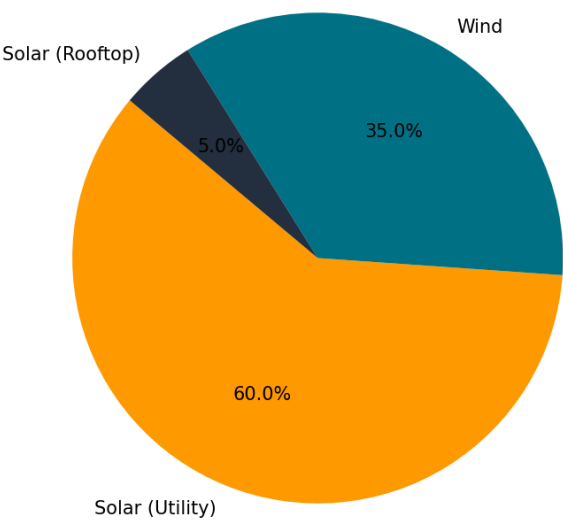
Figure 1.1: Percentage of global operations matched with renewable energy 2019-2025.

The acceleration seen between 2021 and 2024 was driven by a diversified portfolio of over 100 new projects annually, spanning Europe, North America, and the Asia-Pacific region.

ENERGY PORTFOLIO DIVERSIFICATION

Amazon invests in a mix of technologies to ensure grid stability and constant energy supply. While utility-scale solar provides the bulk of our capacity, wind energy offers essential nighttime generation.

Renewable Capacity by Source



MIX BREAKDOWN

Utility Solar: Dominates our portfolio due to its scalability and rapid deployment capabilities in regions like the US Southwest and Spain.

Wind Energy: Critical for providing power during non-daylight hours, particularly in the US Midwest and Northern Europe.

Rooftop Solar: Utilizing the vast footprint of our fulfillment centers to generate power at the point of consumption.

DECARBONIZING THE NORTH AMERICAN GRID

North America remains Amazon's largest market for renewable energy. Our projects are not just powering our offices and data centers; they are adding new, clean capacity to local grids.

NOTABLE PROJECTS

Amazon Wind Farm Texas

Located in Scurry County, this 253 MW project includes over 100 turbines, generating enough energy to power more than 90,000 homes annually.

Solar in the "Sunshine Belt"

Major utility-scale projects in Arizona, California, and Virginia support the massive energy requirements of AWS Region US-East-1.

By focusing on additionality—bringing *new* renewable energy to the grid rather than buying existing credits—we drive the transition of the entire energy sector.

POWERING GLOBAL OPERATIONS

Our commitment extends across continents, with significant investments in Europe and the Asia-Pacific region to meet local infrastructure demands.

EUROPE

Amazon is the leading corporate buyer of renewable energy in Europe. Key projects include offshore wind in the North Sea (Netherlands and Germany) and massive solar farms in Spain and Italy.

ASIA-PACIFIC

Rapid growth in India, Japan, and Australia. In India, Amazon has launched several wind-solar hybrid projects, which provide a more consistent energy profile than standalone plants.

THE "FIRSTS"

- First utility-scale solar project in Japan by a corporate buyer.
- First offshore wind project for Amazon in the Netherlands (Hollandse Kust Noord).
- Largest corporate solar project in South Africa (Northern Cape).

AMAZON WEB SERVICES (AWS) SUSTAINABILITY

Data centers are energy-intensive. AWS is committed to making its infrastructure the most sustainable in the world. Studies show that moving on-premises workloads to AWS can reduce the carbon footprint of those workloads by nearly 80%.

"Sustainability is not just a goal for AWS; it's a design constraint. From Graviton chips to water cooling, we optimize every layer."

EFFICIENCY INNOVATIONS:

- **Custom Silicon:** AWS Graviton processors are up to 60% more energy-efficient for the same performance.
- **Water Stewardship:** Implementing water-cooling recycling and using "reclaimed water" for cooling data centers to preserve local drinking supplies.
- **Low-Carbon Concrete:** Using specialized concrete mixes in data center construction to reduce embodied carbon.

BEYOND WIND AND SOLAR

To reach net-zero, we must look beyond current technologies. Amazon's Climate Pledge Fund invests \$2 billion in companies developing products and services that facilitate the transition to a low-carbon economy.

Green Hydrogen

Investing in electrolyzer technology to create fuel for heavy-duty transport and fulfillment operations that cannot be easily electrified.

Long-Duration Storage

Supporting iron-flow and other battery technologies that can store renewable energy for days, not just hours.

DECARBONIZING LOGISTICS

The "last mile" is going electric. Amazon has deployed over 15,000 Rivian electric delivery vans across the U.S. and Europe, powered by the very renewable energy projects detailed in this portfolio.

A NET-ZERO FUTURE

The path to sustainability is complex and requires constant innovation, investment, and collaboration. At Amazon, we are proud of our progress but remain focused on the work ahead.

100%

Renewable Energy Goal Met

Reached in 2025

For more information on our initiatives, visit:

sustainability.aboutamazon.com