Facebook Reaches 100% Renewable Energy

As of 2020, Facebook’s operations are now supported by 100% renewable energy and have reached net zero emissions. In the last three years, we have reduced our greenhouse gas emissions by 94%, exceeding our 75% reduction goal.

We set these goals in 2018, and today, we are one of the largest corporate buyers of renewable energy, with contracts in place for more than six gigawatts (GW) of wind and solar energy across 18 states and five countries. All 63 projects are new and located on the same electrical grids as the data centers they support—resulting in an estimated US$8 billion in project investment that supports tens of thousands of construction jobs.

And we’re not done yet. We have set a goal to reach net zero emissions for our value chain in 2030.

QUICK FACTS

- Facebook ranks third in the world on the list of renewable energy corporate buyers based on cumulative power purchase agreements since 2000. (Source: BloombergNEF)
- In 2019, Facebook was the largest corporate buyer of renewable energy in the U.S. (#2 in the world).
- In 2020 alone, we contracted for approximately 1 GW of new renewable energy and projects equivalent to 2 GW of renewable energy came online to support our operations.
- In 2020, our renewable energy program covered the electricity consumed by our employees working from home.
- In 2019, we became one of the first companies to use a direct investment to meet our renewable energy goals through a tax equity investment in the Prospero Solar Project in Texas, a 4,600-acre project that has a capacity of 300 MW, enough to power nearly 300,000 homes. Prospero Solar came online in 2020 and is one of the largest operating solar farms in Texas. (Source)
- We also work to enable access to renewable energy resources for other companies and organizations through designing green tariffs, building infrastructure or providing access to a specific project. To date, Facebook has partnered with utilities to design and pioneer six new green tariffs that are supporting Facebook’s data centers with new wind and solar.
RENEWABLE ENERGY PROGRAM STATS

- **More than 6.1 GW**
  » Equivalent to 1.6 million homes

- **63 projects**
  » Solar: 49 projects | Online: 27 projects, 2 GW
  » Wind: 14 projects | Online: 8 projects, 1.3 GW

- **18 States**
  » Alabama, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Mississippi, Montana, Nebraska, New Mexico, North Carolina, Ohio, Oregon, Tennessee, Texas, Utah, Virginia

- **Countries**
  » United States, Ireland, Norway, Singapore, India

- **Storage**
  » 720 MW

For more information, visit [sustainability.fb.com](http://sustainability.fb.com).

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