

Global**Renewable**Hub

About Brookfield**Renewable**



About Us

We are Brookfield Renewable, and our renewable power solutions are accelerating the world towards a low-carbon economy.

At Brookfield Renewable we combine global presence with unique local expertise underpinned by a best in class health and safety culture and a commitment to working positively in the communities in which we operate.

We are a multi-technology, globally diversified, owner and operator of renewable power assets across five complementary technologies – hydro, wind, solar, storage and distributed generation – with an installed capacity of more than 17,000 MW in 25 power markets in North America, South America, Europe and Asia.

Our History

Brookfield's roots trace back to 1899 and the launch of Brazil's first electricity and transport utility. What followed was a century-long tradition of owning and operating hydroelectric assets.

Since 1999 Brookfield has grown its renewable footprint significantly. With further hydro power assets in North and South America; acquiring Isagen, Colombia's third largest power generation company in 2016.

We developed our first wind farm in North America in 2006 and have further expanded our expertise in this technology, establishing a European wind platform in 2014 with wind farms now in the U.K., Ireland and Portugal.

In 2017, with the acquisition of TerraForm Power and TerraForm Global, Brookfield's renewable business has expanded into solar and distributed generation and established a foothold in new markets in Asia.



\$47B

Total power assets, across 880 Brookfield Renewable power facilities



Useful links

› <https://bep.brookfield.com/en>

Our Expertise

Find out more how we develop and manage renewable projects at every stage of the renewable project life-cycle.

With an installed capacity of over 17,000 MW across multiple complementary technologies, we understand renewable power.

The scale of our global renewable platform is underpinned by the depth and breadth of our development, operations and commercial services and our commitment to promoting a leading health and safety culture.

Whether it's developing greenfield projects, the day-to-day management of operational assets, the construction of new wind developments or the repowering of an existing hydro facility, Brookfield offers an unrivalled set of 'full life-cycle' capabilities.

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17,000 MW

Brookfield Renewable generation capacity, based in 15 countries, covering 25 energy markets

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Useful links

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Community

We build trust as good stewards by proactively engaging with communities, to ensure that their interests are appropriately considered in our decision-making.

We are deeply committed to the local communities in which we operate. The common thread running through all our capabilities is a deep commitment to the local communities in which we operate. We strive to earn trust and maintain long-lasting relationships through active engagement with all stakeholders..

We do so by:

- Consulting and working proactively with local stakeholders and communities
- Understanding and respecting the values and expectations of people affected by our developments and considering them across our activities and decisions
- Directly contributing to community projects, non-profit organizations, local tourism, recreational and educational programs
- High standards with respect to health and safety; our goal is to have zero serious safety incidents by following a set of health and safety principles applied across our global renewable businesses
- Upholding fair and effective business practices



Renewable Power Capabilities

Our expertise covers every aspect of developing and operating renewable power projects, across a range of technologies and global markets.

Develop

We have an established track record of developing renewable projects from greenfield through to operational assets and our specialist development teams work to make this process as seamless as possible.

From initial site-screening and construction survey, to environmental assessments, planning consent and grid connection, we have the people and skills which enables us to add value at every stage of the development process.

Coupled with our specialist expertise is a global development pipeline of approximately 8,000 MW, which means we can develop and build renewable projects that meet your needs, wherever they may be.

Operate

We strive to continuously improve the productivity of our operational assets by placing efficiency and creating value at the center of what we do.

Our in-house operations teams use advanced digital technology management systems to proactively manage maintenance and minimize downtime, supported by site managers on the ground responding quickly to issues as they occur, ensuring the smooth running of our assets.

Power Marketing

Our power marketing and trading teams can help you get the most value from the electricity we supply. We provide competitively-priced, flexible-term PPA power solutions tailored to match the needs of our customers with the ability to provide various terms, shapes and volumes. Our in-house risk management and trading teams also work actively in energy markets to mitigate impact of price fluctuations.

We understand too that as we move towards a low-carbon economy companies increasingly want to verify to customers and stakeholders that the power they are contracting is truly renewable. We can help Monitor, Verify and Report our customers' commitment to clean energy.

Repower

Repowering of assets can range from replacing a turbine on one of our wind farms, to full repowering – the complete replacement of infrastructure at an existing site.

As facilities age, the existing renewable technology is overtaken by new and more advanced models that are lower in cost and more effective. We modernize our fleet by installing the latest technology on existing sites, boosting their value and operational efficiency.

Technologies

We operate a successful portfolio that spans the world's key renewable sectors.



Wind

We developed and commissioned our first wind project in 2006, and today own and operate over 100 high quality wind facilities with an installed capacity of more than 4,000 MW in North America, South America, Europe, and Asia.



Hydro

We own and operate approximately 8,000 MW of hydro across more than 200 generation facilities on over 80 river systems across North and South America accounting for approximately 80% of our power generation capacity.



Storage

We have storage assets of approximately 3,000 MW through both our pumped hydro and battery facilities.



Utility Solar

In 2017 Brookfield added a premier solar technology platform to its global renewable portfolio through its acquisition of TerraForm Power (TERP) and TerraForm Global. We now operate 1,400 MW of utility-scale solar across 50 facilities in North America, South America, Europe, and Asia.



Distributed Generation

Following on from our acquisition of TerraForm Power, we are one of the largest owners of distributed solar generation in the U.S. and plan to expand this capability to other key markets around the world.