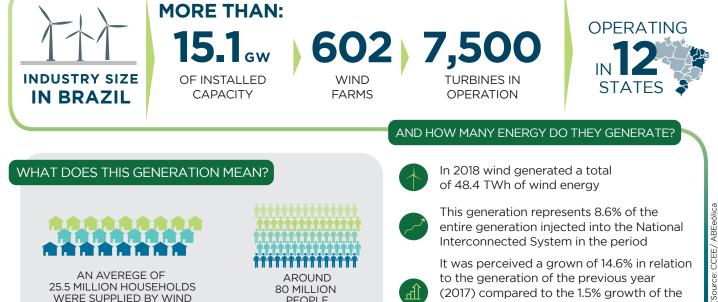


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25.5 MILLION HOUSEHOLDS WERE SUPPLIED BY WIND POWER MONTHLY



(2017) compared to the 1.5% growth of the generation of the entire SIN generation (National Interconnected System).

Considering the auctions and contracts performed within the free market, Brazil will have approximately 19.4 GW of wind energy capacity installed untill 2023.

# RECORDS

## NORTHEAST

On September 13, 2018, 74.12% of all energy used in the northeast came from wind farms operating at a 76.58% capacity factor and a generation of 7,839 MWmed.

#### SOUTH

On September 1<sup>st</sup>, 2018, 13.72% of the energy used in the south came from wind farms operating at 77.22% capacity factor and generation of 1,541 MWmed.

#### NORTH

On September 13, 2018, 3.95% of energy used in north came from wind farm at a 97.65% capacity factor and generation of 215 MWmed.

#### SIN National Integrated

On September 12, 2018, 13.98% of all energy used in the National Integrated System came from wind farms operating at a 72.30% capacity factor and generation of 8.983 MWmed.

## **FAVORABLE WINDS** IN BRAZIL

42% was the Average Capacity Factor in Brazil in 2018.

The average capacity factor for wind farms worldwide is around



From July to November, the windy season, the capacity factor for Brazil can be higher than 60%.

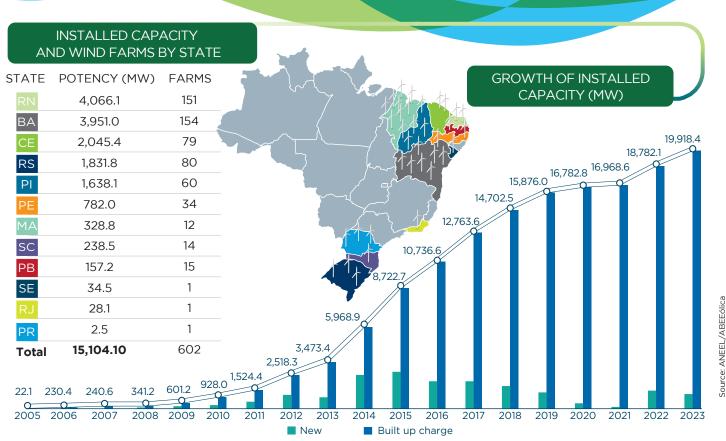




Stable

(Speed)

Such winds are abundant in Brazil, especially in the northeast and south.



Future data in the chart above comes from contracts already confirmed in auctions and transactions completed in the free market. New auctions will add further capacity in coming years.

