



Updated on 02/08/2019 | n°10

Global PV Market Status

In 2018, Brazil added 1,2 GW in solar PV capacity, totaling 2,4 GW of cumulative installed capacity.



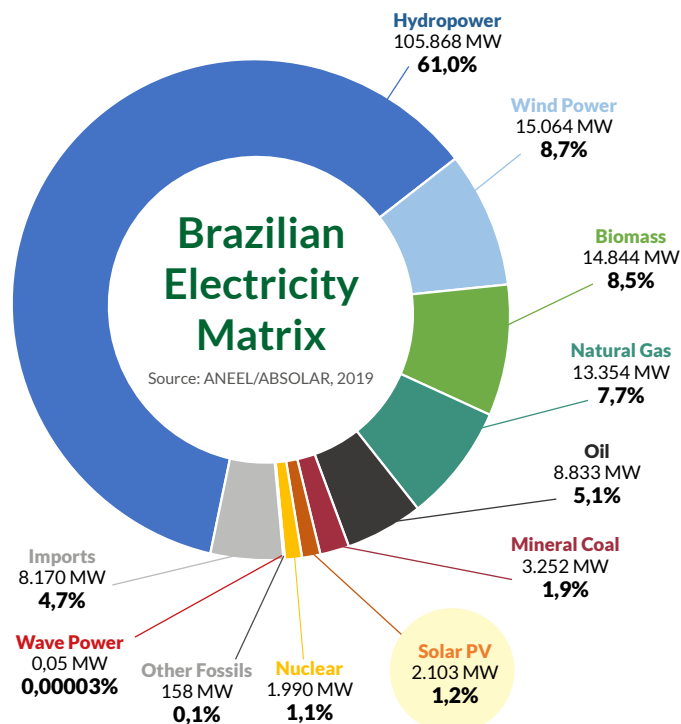
Which countries have invested more in solar PV in 2018?

1° China	45,0 GW
2° India	10,8 GW
3° USA	10,6 GW
4° Japan	6,5 GW
5° Australia	3,8 GW
6° Germany	3,0 GW
7° Mexico	2,7 GW
8° Korea	2,0 GW
9° Turkey	1,6 GW
10° Netherland	1,3 GW

Which countries lead the world in solar PV cumulative installed?

1° China	176,1 GW
2° USA	62,2 GW
3° Japan	56,0 GW
4° Germany	45,4 GW
5° India	32,9 GW
6° Italy	20,1 GW
7° UK	13,0 GW
8° Australia	11,3 GW
9° France	9,0 GW
10° Korea	7,9 GW

Source: Snapshot of Global PV Markets, IEA PVPS, 2019.



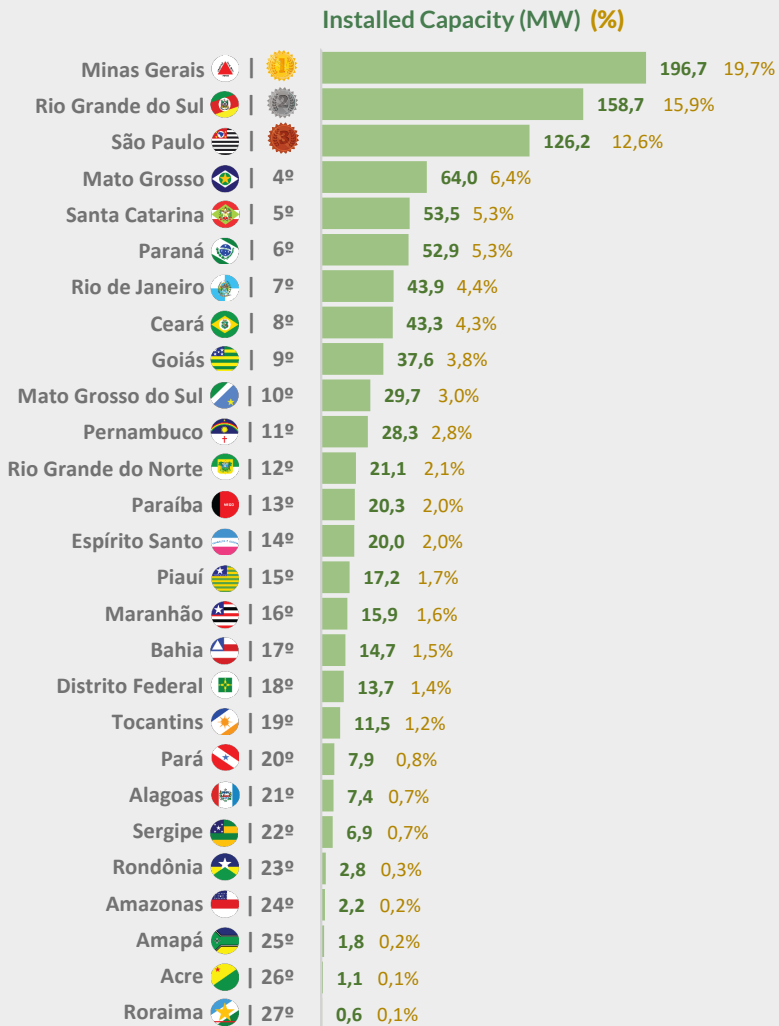
Brazilian Electricity Matrix

Source: ANEEL/ABSOLAR, 2019

Distributed Generation

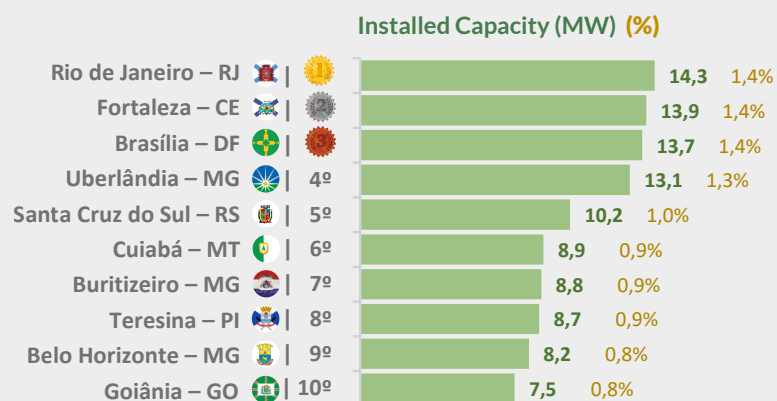
State Ranking

Source: ANEEL/ABSOLAR, 2019.



Municipality Ranking

Source: ANEEL/ABSOLAR, 2019.



What is the Solar PV Installed Capacity in Brazil?

Centralized Generation
2.103,2 MW



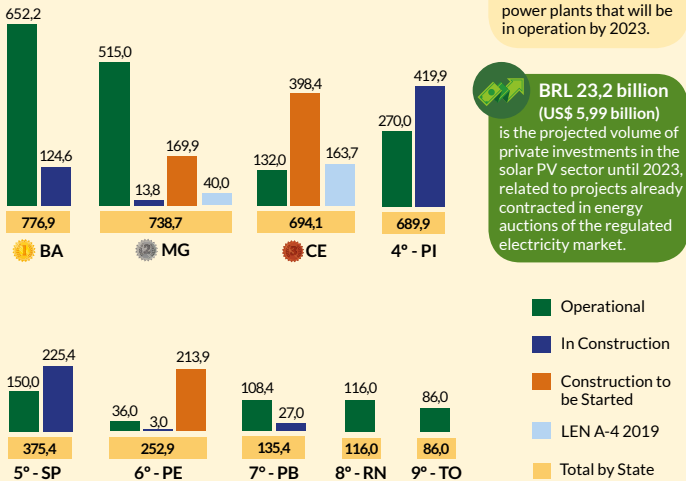
Distributed Generation
1.000,0 MW



Total Operational Installed Capacity
3.103,2 MW

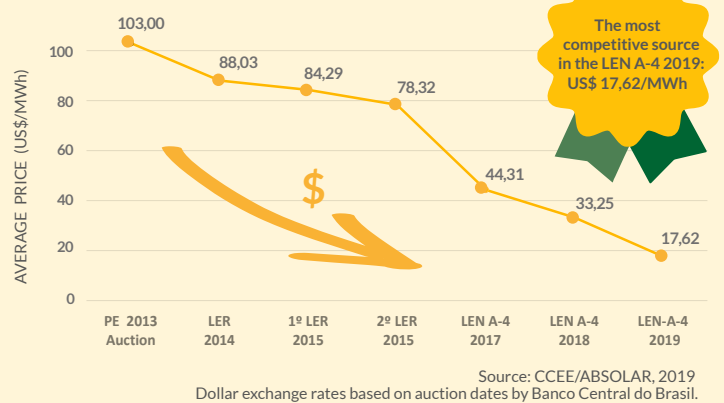
Centralized Generation

Installed Capacity (MW) and Status of Solar PV Centralized Generation by State:



Source: ANEEL/ABSOLAR, 2019. Dollar exchange rate on 02/08/2019 by Banco Central do Brasil.

Price Development of Solar PV in the Energy Auctions of the Regulated Electricity Market



Source: CCEE/ABSOLAR, 2019. Dollar exchange rates based on auction dates by Banco Central do Brasil.

Electricity Generation Records

Solar PV achieved new records of electricity generation in Brazil:

DAILY AVERAGE
29/01/2019
593,5 MW
avg
with a capacity factor of
34,85%

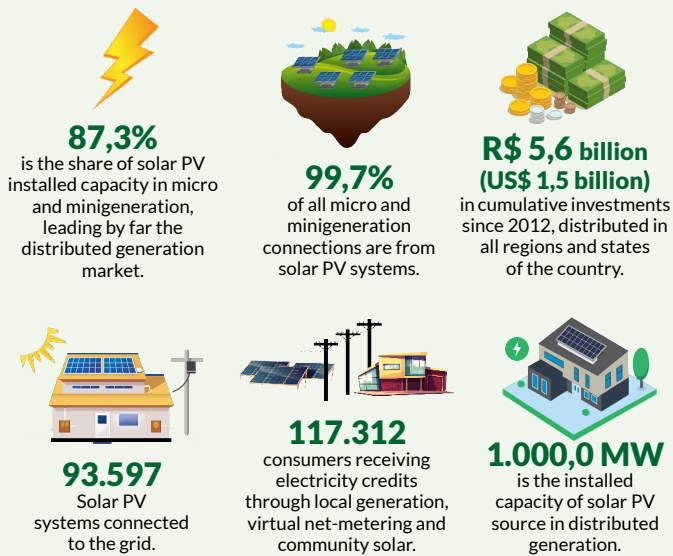
DAILY MAXIMUM
30/01/2019
1.554,4 MW
at 12h p.m
with a capacity factor of
91,3%

0,7%
of the electricity supplied in Brazil was generated from solar PV source in April 2019.

Source: ONS/MME, 2019.

Distributed Generation

Microgeneration (until 75 kW) and minigeneration (above 75 kW until 5 MW) solar PV systems installed at homes, commercial buildings, industries, rural properties and public buildings.



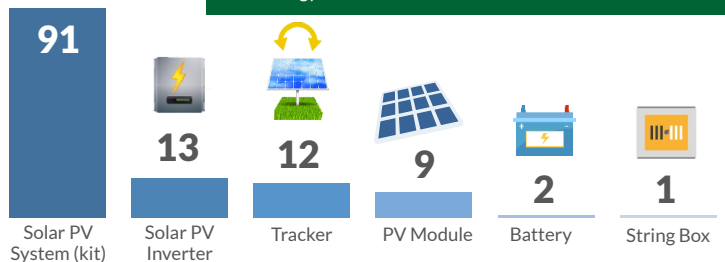
Source: ANEEL/ABSOLAR, 2019. Dollar Exchange rate on 02/08/2019 by Banco Central do Brasil.

Value Chain

Number of national manufacturers from the solar PV sector registered at BNDES FINAME financing program:

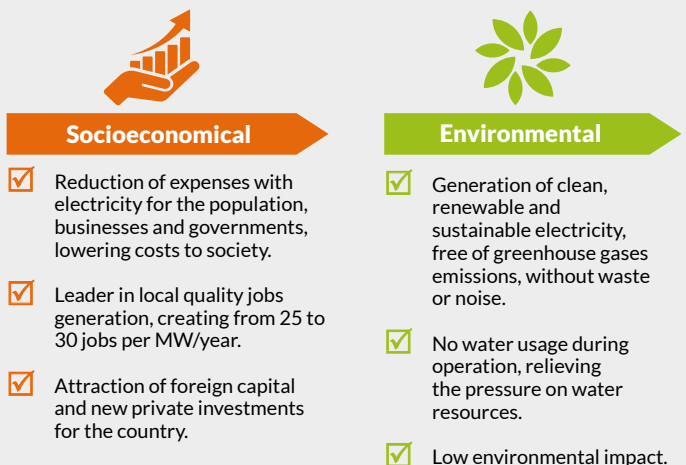


Brazil needs a competitive and fair industrial policy for the solar PV sector, reducing the prices of components and equipments made in the country, generating more jobs, technology and innovation.



Source: BNDES/ABSOLAR, 2019.

Main Benefits of Solar PV to Brazil



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