

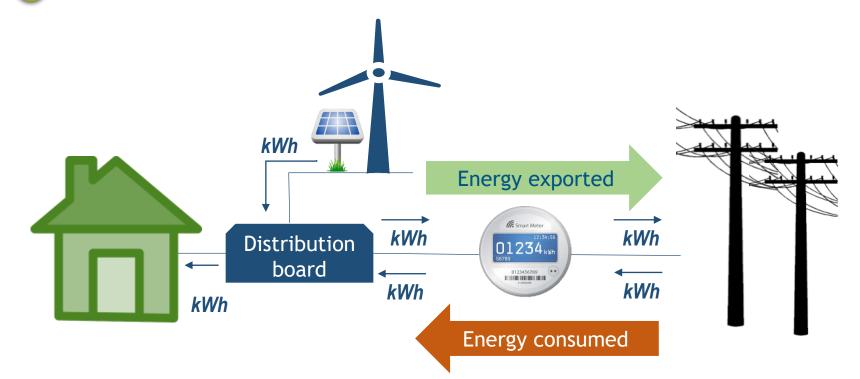
Marco Aurélio Lenzi Castro

Senior Regulatory Specialist
Superintendency of Distribution Services Regulation - SRD



ANEEL Resolution 482/2012

- Renewables and cogeneration (Energy efficiency >75%)
 - Micro (up to 75 kW) and Mini (75 to 5.000 kW)
 - Connected to the grid through a consumer's facility
 - Net Metering energy trade is not allowed



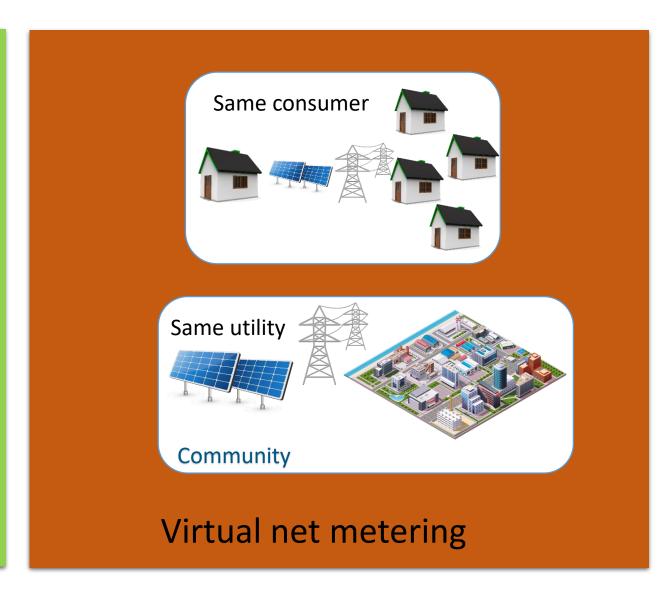


Business Models





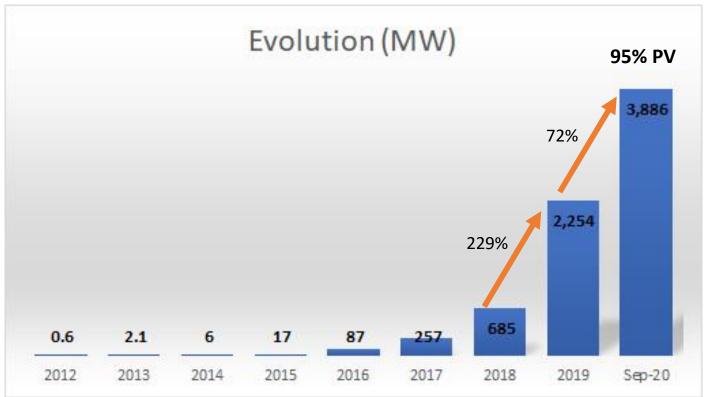
Local net metering





Main Outcomes





• 5035 cities – 90%

- 307 k connections/395 k consumers
- 39% comercial and 36% residential (MW)
- 79% < 75 kW (low voltage)

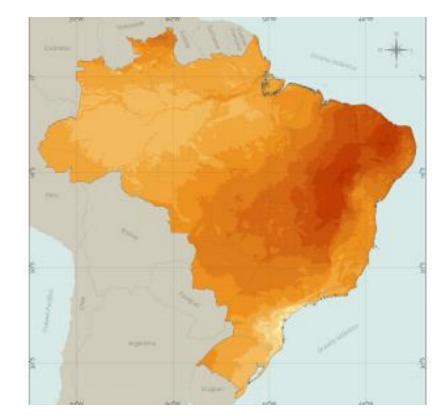


What are the main drives in Brazil?





4.3 to 5.8 kWh/m²/day





exported



9 years (2016)







How about the challenges?

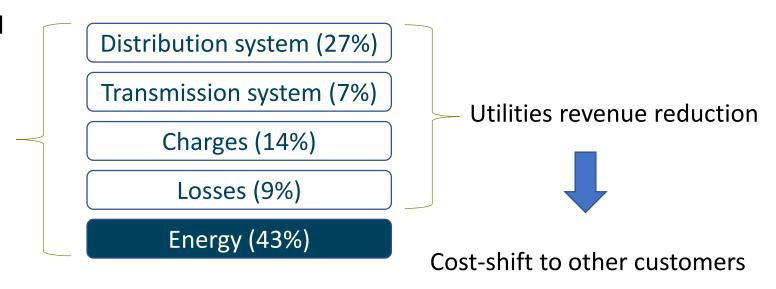
Net metering with volumetric tariff (\$/kWh)



No fixed charges for residential/commercial



Compensation of all tariff components



U\$ 10 billion by 2035

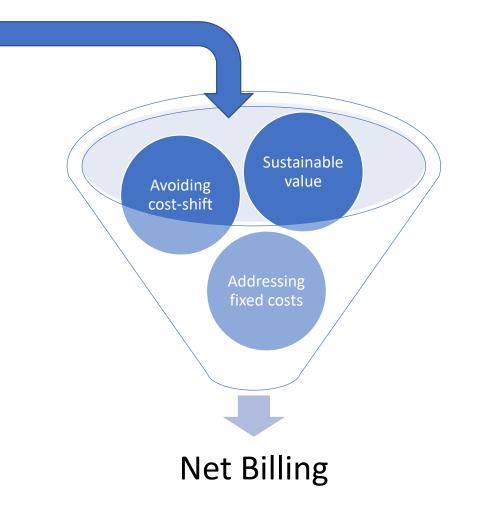


U\$ 2 billion by 2025



Addressing the problem Proposal submitted to Public Hearing 25/2019

Net Metering

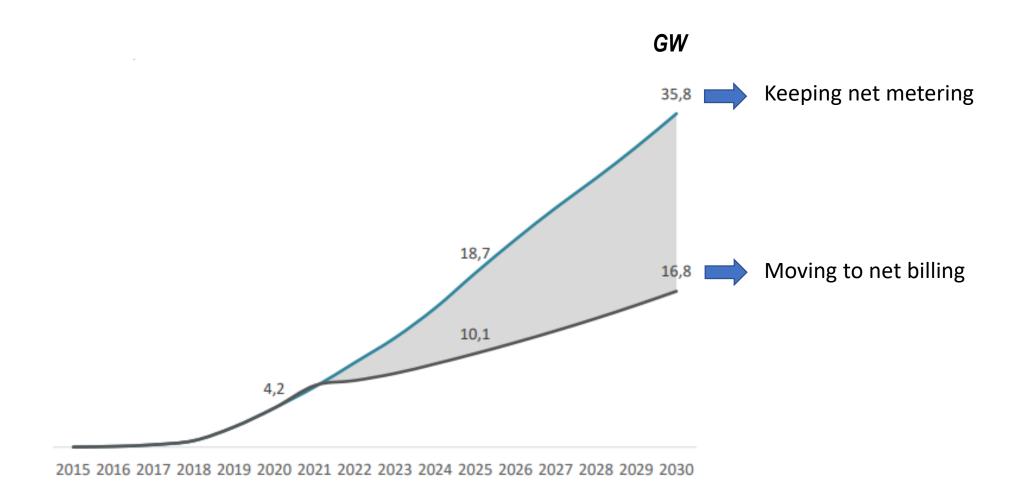


When How





How future is going to be?

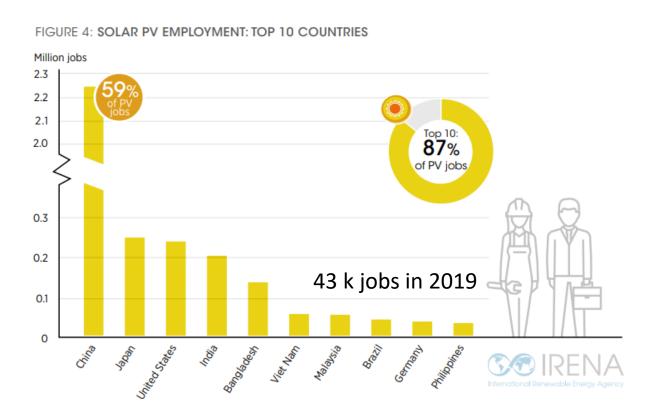


Source: PDE 2030 (EPE, 2020)



Positive impacts on job market

2867 PV suppliers



Source: Renewable Energy and Jobs (IRENA,2020)



Source: https://www.americadosol.org/fornecedores/



What's coming next?

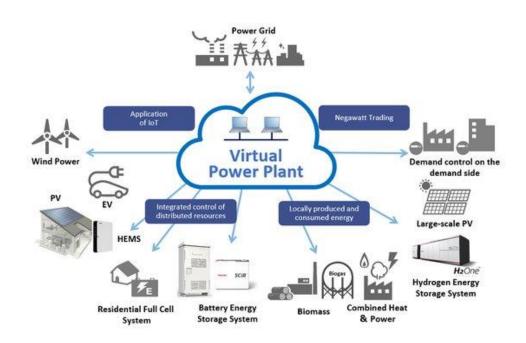












> Preparing the regulatory framework for full deployment of DER





Thank you!

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