

PV Electricity Cost (LCOE) till 2050 in different regions

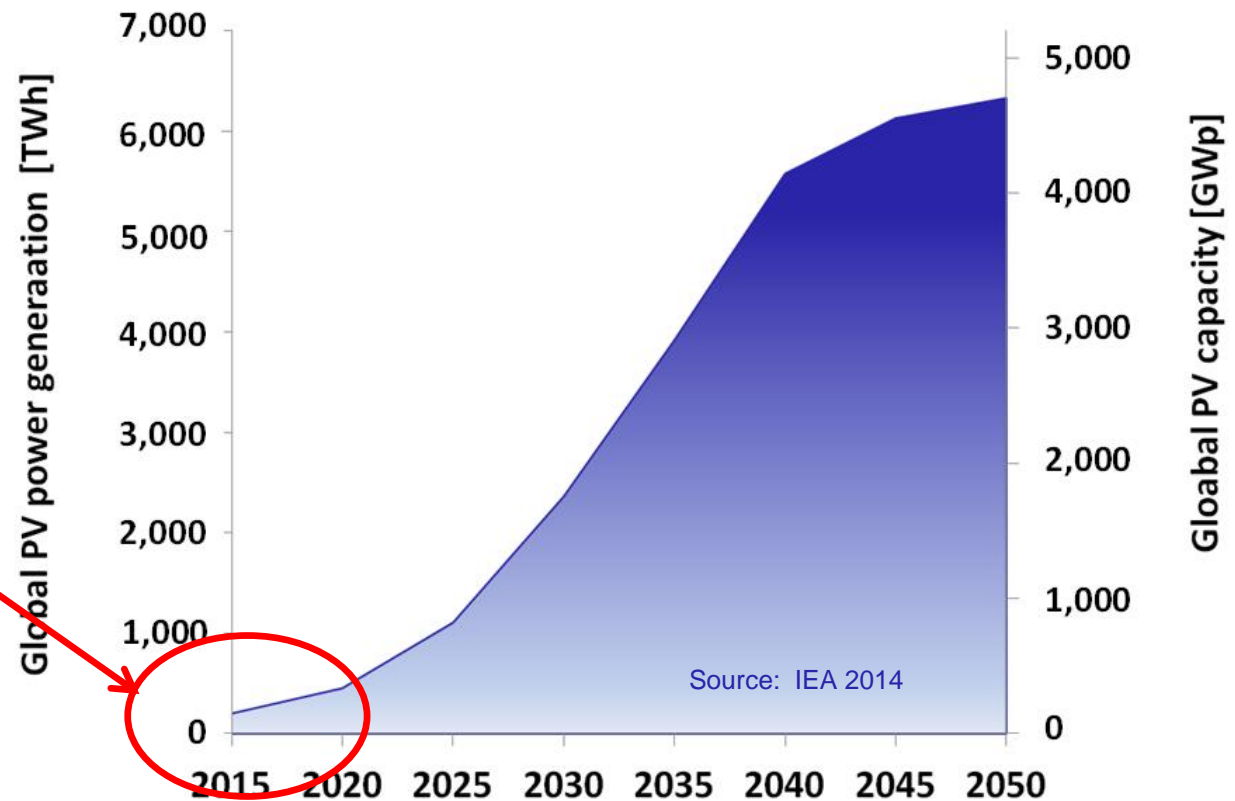
PV will generate lowest-cost electricity @ 2-4ct/kWh!



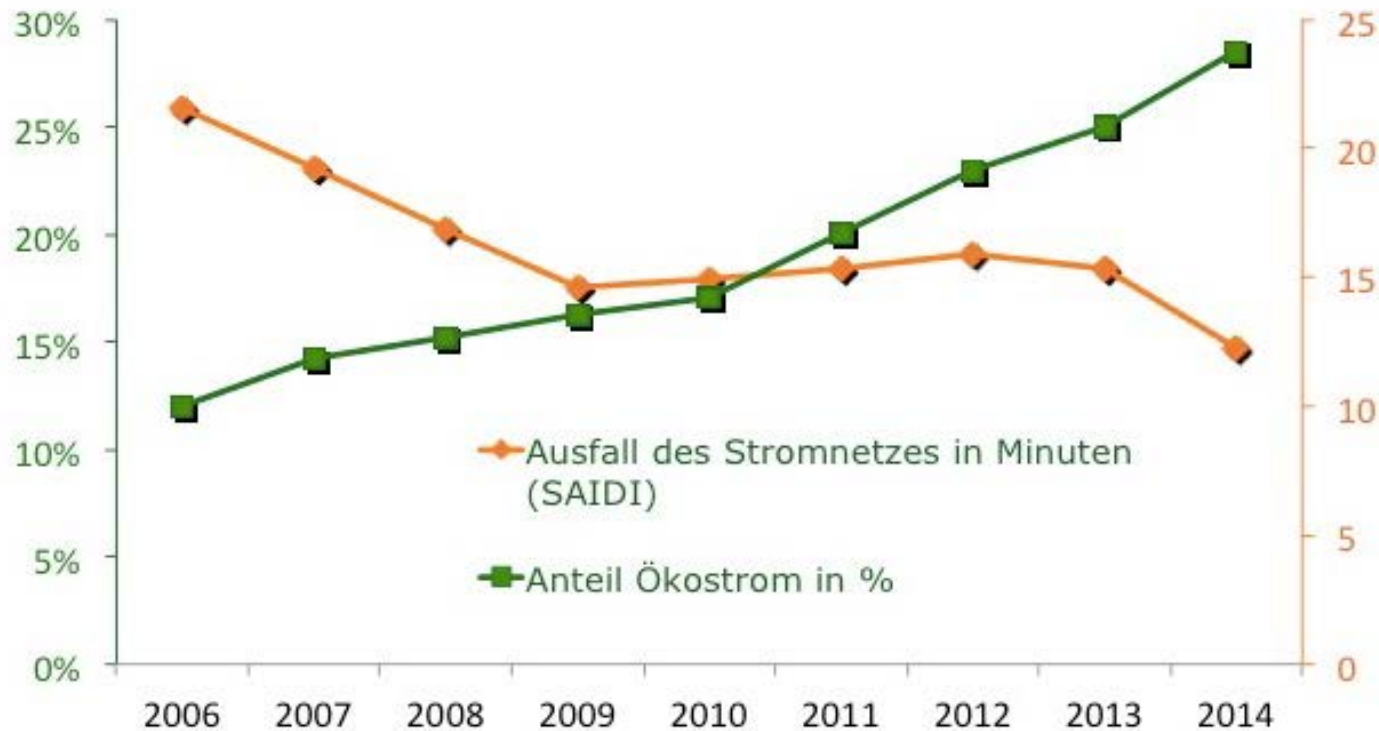
Source: ISE PV cost study 2014

PV Market Growth (IEA 2014)

- Rapid introduction of PV globally is fueled by availability of cost-competitive, distributed energy
- In 2050 between 4.000 and 30.000 GW_p PV will be installed!
- By 2015, less than 200 GW_p have been installed!



Grid stability with growing amounts of fluctuating RE: Grid in Germany today more stable than in 2006!



Quelle: Bundesnetzagentur (2015); http://www.bundesnetzagentur.de/DE/Sachgebiete/ElektrizitaetundGas/Unternehmen_Institutionen/Versorgungssicherheit/Stromnetze/Versorgungsqualitaet/Versorgungsqualitaet-node.html; BMU, BEE, bdew

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