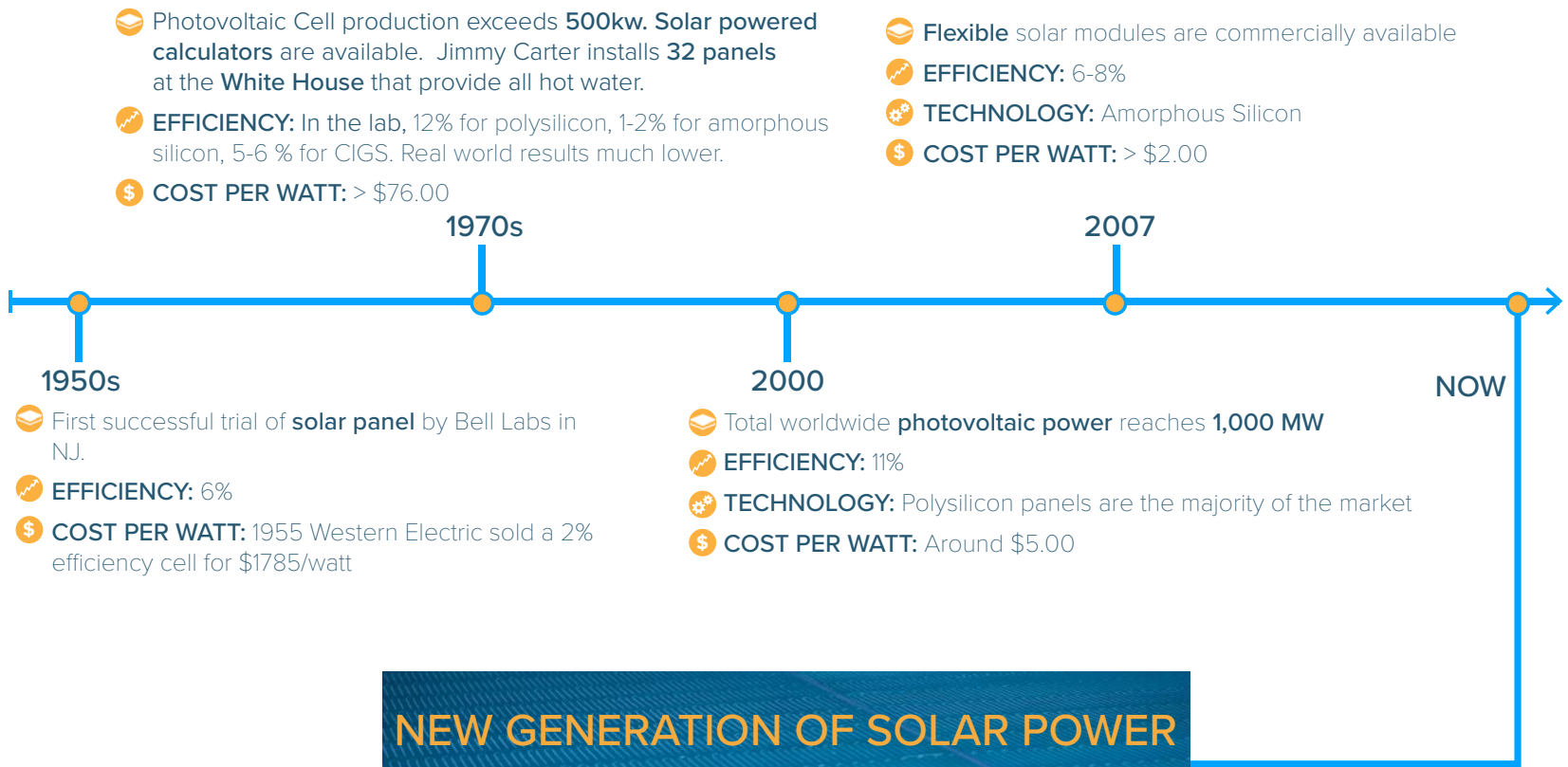


# THE EVOLUTION OF SOLAR POWER



## NEW GENERATION OF SOLAR POWER

### FLEX TECHNOLOGY

New technological advances are causing a revolution in the solar power world, ushering in the Solar Anywhere movement. With the advent of FLEX technology, untold new markets have access to solar power.



**MATERIAL:**  
FLEX is **4x lighter** than traditional silicon solar panels, **shatterproof** provides superior **resistance to wind**, and fits around **curved** structures.



Factories use only **1/7 the electricity** used to manufacture traditional silicon panels, resulting in an **energy payback** of less than **1/2 year**.



**CORE TECHNOLOGY:**  
Ultra-light — **0.5 lb/sf<sup>2</sup>** installed weight — technology **overcomes** most **obstacles** to the adoption of solar energy.



**APPLICATION:**  
Flex peel-and-stick technology allows for **on-the-grid** and **off-the-grid** use, from roofing to shipping containers to light poles to transportation — virtually **anywhere the sun shines**.



**EFFICIENCY:**  
FLEX is up to **17% efficient**, or **2x greater** than previous flexible technologies.



### NOW

MiaSolé provides solar modules that integrate with the roof itself. With flexible ultra light solar we're overcoming the biggest issue with current roofing solutions — the weight and the rigidity of glass panels.

“The idea is that instead of just selling solar panels that can be placed on someone's existing roof, SolarCity can sell the entire roof itself with the solar power capabilities built into it, potentially opening up a whole new market. If your roof is nearing end-of-life, well, you've got to get a new roof anyway... And so, why not have a solar roof that's better in many others ways as well?”

- **Elon Musk** on SolarCity

UP TO 17% EFFICIENCY



**FLEX** (17%)  
**PREVIOUS FLEXIBLE PANELS** (8%)

FLEXIBLE AND SHATTERPROOF



**RIGID PANELS** (shattered)  
**FLEX** (intact)

4X LIGHTER



**FLEX** (lighter)  
**RIGID PANELS** (heavier)