



Million Solar Milestone

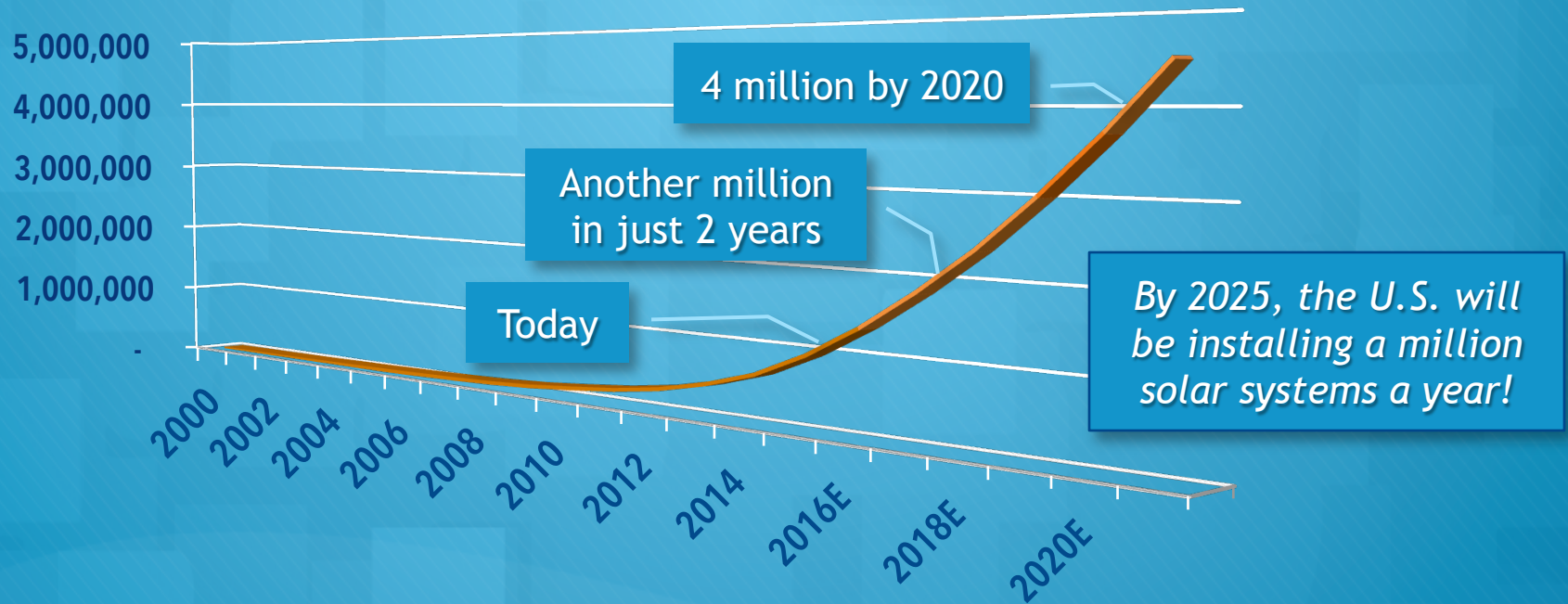


Solar Declaration

#MILLIONSOLARSTRONG

"The adoption of solar energy in America has reached a new height of one million installations nationwide. This milestone is the product of American innovation and ingenuity. It is the result of consumers, policy leaders, advocates and an industry of over 200,000 workers who have all helped make the nation's clean energy revolution a reality."

U.S. Cumulative Solar PV Installations

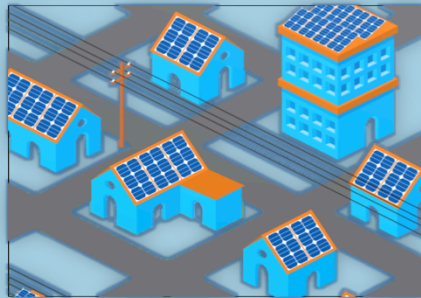


How much is a million?

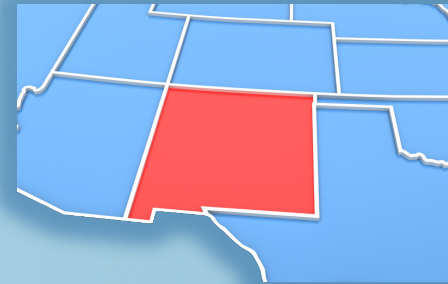
Enough electricity to supply all of Pennsylvania



Enough power to supply almost 6 million homes



Enough solar to cover every rooftop in New Mexico



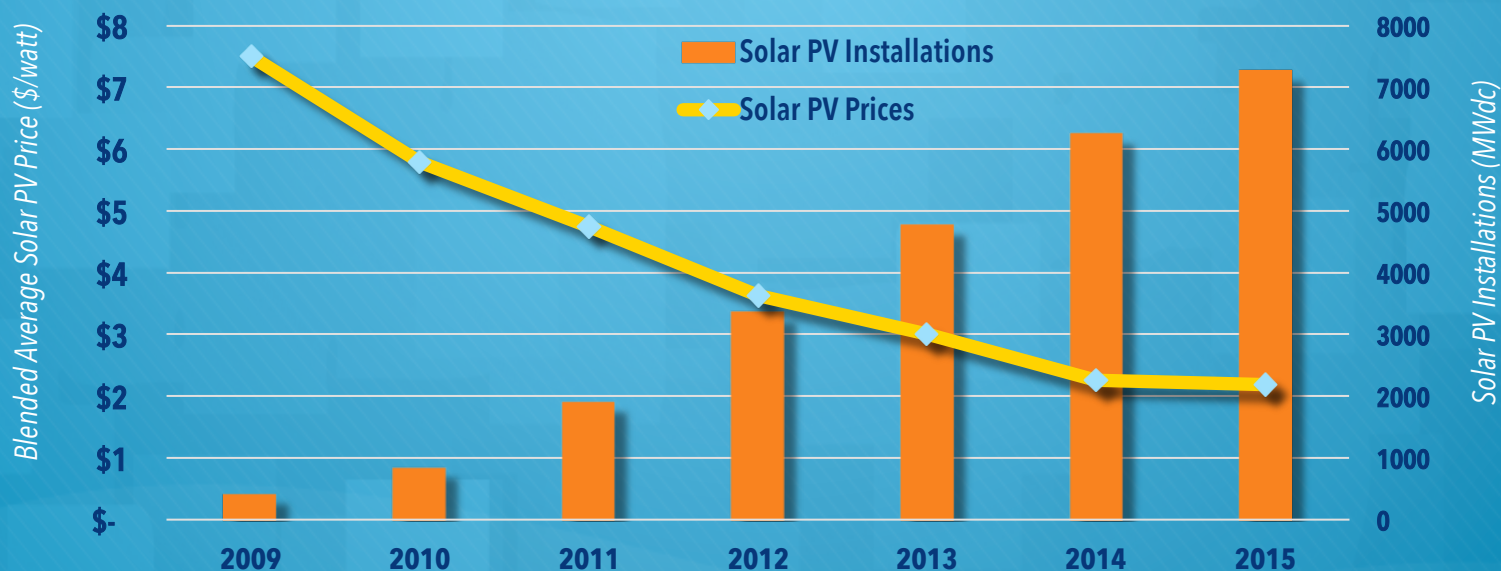
Currently solar only supplies about **1% of U.S. electricity generation**, but it is growing rapidly accounting for almost **30% of new capacity** last year.

- ★ Over **1,500 utility-scale installations** account for the bulk of U.S. generation, with some recent projects producing power cheaper than any other source.
- ★ Nearly **57,000 business and non-profits** have installed solar, including many of America's most recognizable companies such as Walmart, Apple, and GM.
- ★ Over **942,000 homeowners are producing their own-power**, increasing family incomes while reducing their carbon footprint.

How did we get here?

A combination of factors have allowed solar to scale from just 1,000 installations in 2001 to **over a million** today.

- * Installation costs have **dropped by more than 70%** over the past decade, led by more efficient panels that are 66% cheaper than just 5 years ago.
- * The **predictability** of the long-term **30% federal investment tax credit** enacted in 2008 and extended in 2015 through 2021.
- * State policies like **net-metering** and **renewable portfolio standards** provided **stable policy environments** that allowed solar to break into markets and thrive.



Source: SEIA/GTM Research

Solar Means Jobs

Did you know that in the 5 years we've been working together solar jobs grew 123%?

That's three times more jobs than in U.S. coal mining!

Not surprised, I heard the industry now employs over 200,000 Americans!

Yeah, pretty amazing that solar created 1 in 83 of all new U.S. jobs last year.

Solar Reduces Carbon



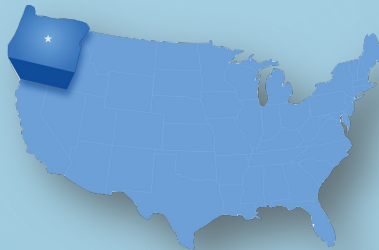
34 million tons CO₂
saved annually

Equal to

Driving a car 3.2
million times around
the globe



Equal to



Annual emissions from
the state of Oregon

Equal to

Carbon sequestered
by all
national
park lands
in the
lower 48



Low-Income Solar

Given the proven ability of residential solar systems to **decrease monthly electric bills**, rooftop solar could help **relieve the disproportionate energy burden** and become a **source of ongoing wealth creation** in lower income communities.

- * Lower income households **face a range of barriers to going solar**, including being more likely to be renters or live in multi-tenant buildings, lacking access to financing, and owning property with deferred maintenance issues.
- * Finding ways to enable lower-income Americans to benefit from solar will **unlock huge new markets** and is **essential to reaching national energy goals**.



Source: HUD photo of Denver Housing Authority project

Historic Solar Milestones

1954



First solar PV cell patented by Bell Labs

1973



First U.S. PV solar home installed

1974



Solar Energy Industries Association founded

1977



U.S. Government launches Solar Energy Research Institute (later became NREL)

1982

First U.S. megawatt-scale project installed

2001

1,000 U.S. installations

2003

10,000 U.S. installations

2009

100,000 U.S. installations

2016

1 million U.S. installations

