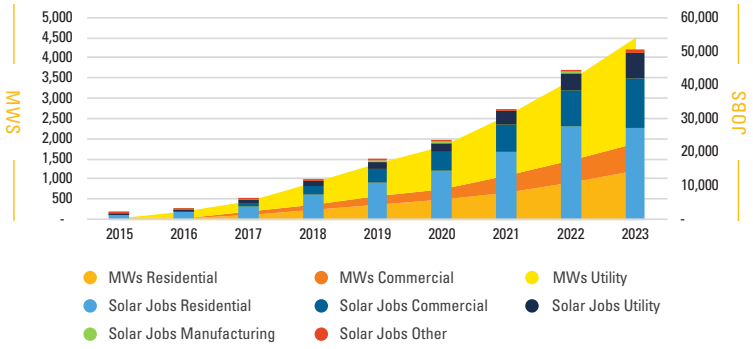
VIRGINIA SOLAR JOBS POTENTIAL

What if the Commonwealth of Virginia got 10% of its electricity from the sun by 2023? What are the impacts and implications?

JOBS IMPACT

VA SOLAR CAPACITY & JOB GROWTH SCENARIO



15x more solar jobs than in 2016

THAT'S AN EXTRA +50,400 VIRGINIA JOBS

more than double the amount of all other VA fuel and power generation jobs in 2016 combined.

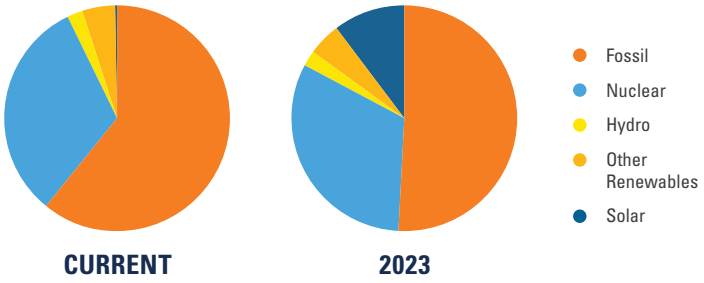
ASSUMING VIRGINIA ADDS 15,000 MW OF SOLAR IN 7 YEARS

RESIDENTIAL SOLAR WILL PROVIDE MORE JOBS THAN THE OTHER SOLAR SECTORS.

ENERGY IMPACT

LOTS OF SOLAR NEEDS TO BE INSTALLED... BUT IT CAN BE DONE, AS HAS HAPPENED IN OTHER STATES.

VA ELECTRICITY MIX VS. 2023 SCENARIO



GROWTH IMPACT

SOLAR INSTALLED 2016

61% VA needs to hit 61% annual solar installation growth to achieve 2023 goal.

87% CA + NC averaged 87% annual solar installation growth in previous 6 years.

Solar growth scenario figures are from The Solar Foundation based on labor intensity modeling unique to each solar sector along with the following sources: PJM 2017 Load Forecast Data; Dominion Virginia Power 2017 Integrated Resource Plan; GTM Research/Solar Energy Industries Association Solar Market Insight; U.S. National Renewable Energy Laboratory PV Watts; the U.S. Energy Information Administration; and the U.S. Bureau of Labor Statistics.

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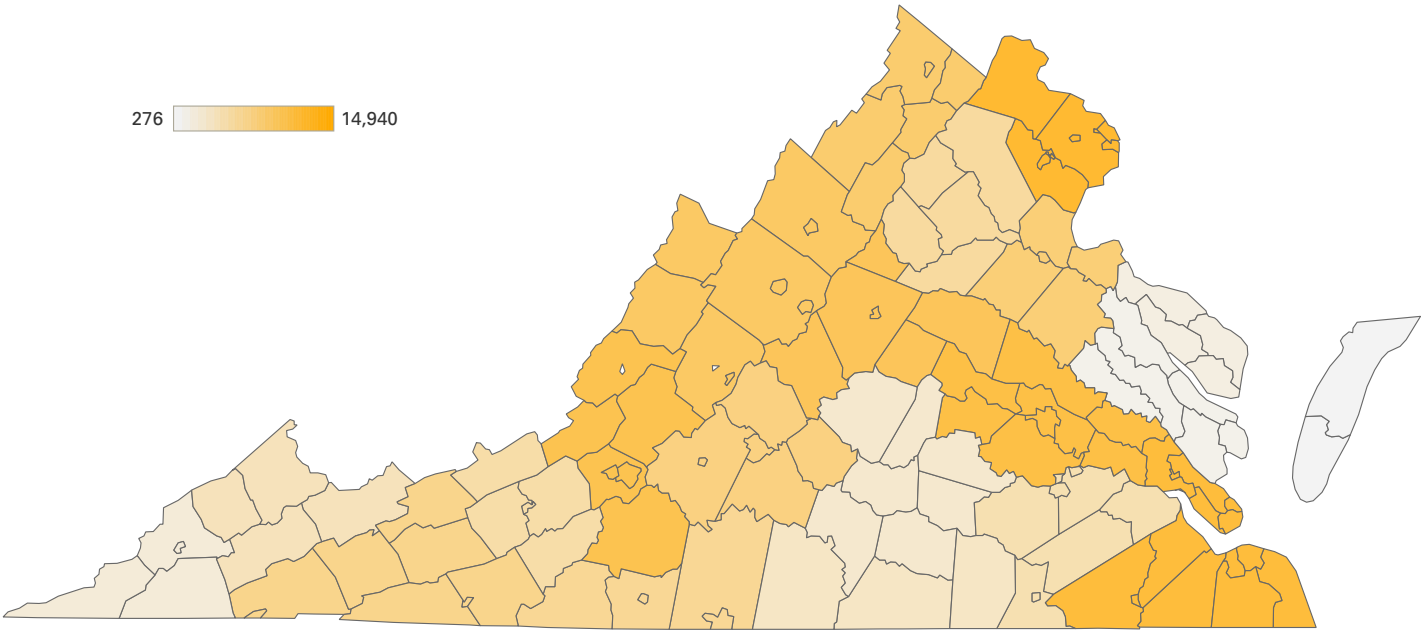
VIRGINIA SOLAR JOBS POTENTIAL



PROJECTED SOLAR JOBS IN 2023 UNDER 10% SOLAR SCENARIO BY VA PLANNING REGION (PDC)

Lenowisco PDC	494
Cumberland Plateau PDC	770
Mount Rogers PDC	1,173
New River Valley RC	966
Roanoke Valley-Alleghany RC	2,403
Central Shenandoah PDC	1,811
Northern Shenandoah Valley RC	1,699
Northern Virginia RC	14,940
Rappahannock-Rapidan RC	1,039
Thomas Jefferson PDC	2,162
Region 2000 LGC	1,593

West Piedmont PDC	1,098
Southside PDC	540
Commonwealth RC	500
Richmond Regional PDC	6,485
George Washington RC	1,621
Northern Neck PDC	431
Middle Peninsula PDC	316
Crater PDC	862
Accomack-Northampton PDC	276
Hampton Roads PDC	10,027

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