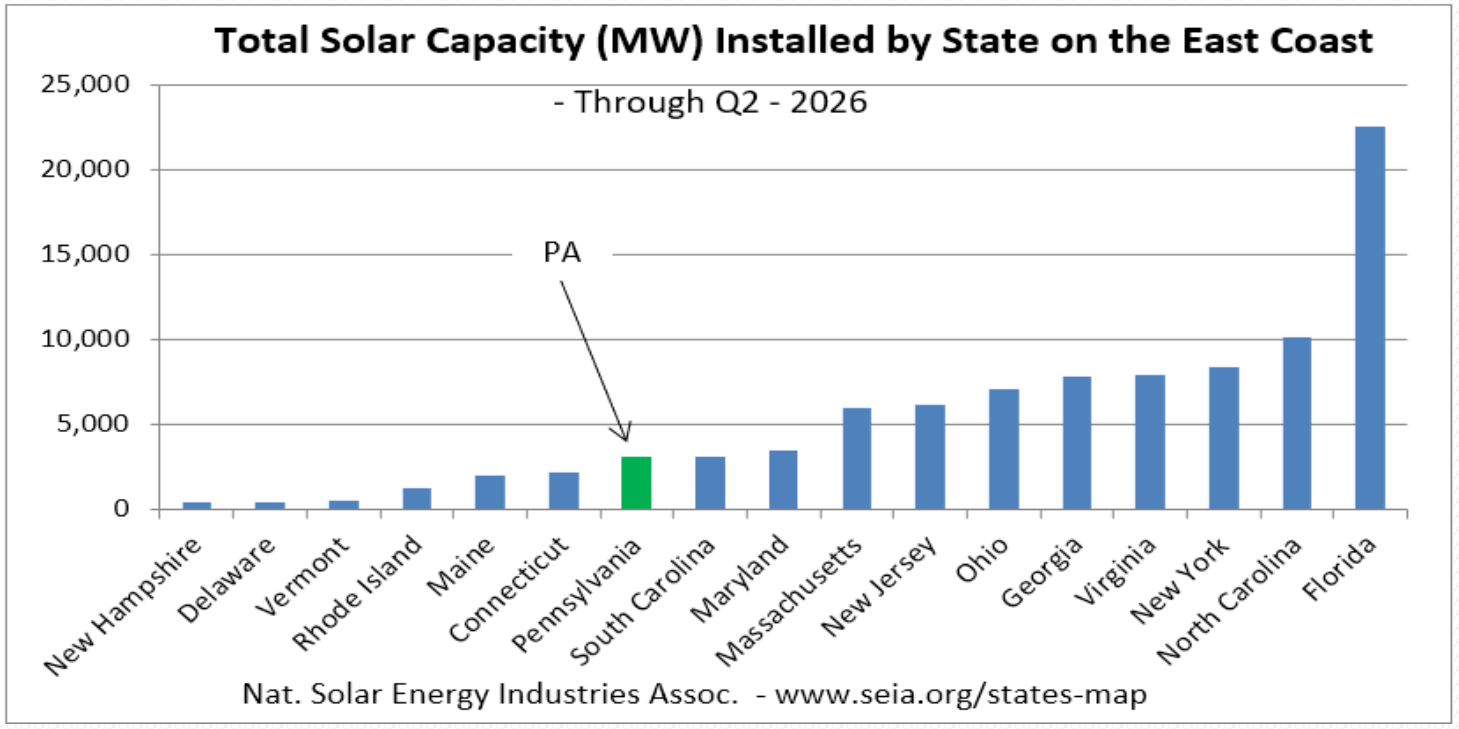
Pennsylvania Solar Update

MSSIA – 3rd Qrtly Mtg

October 29, 2026

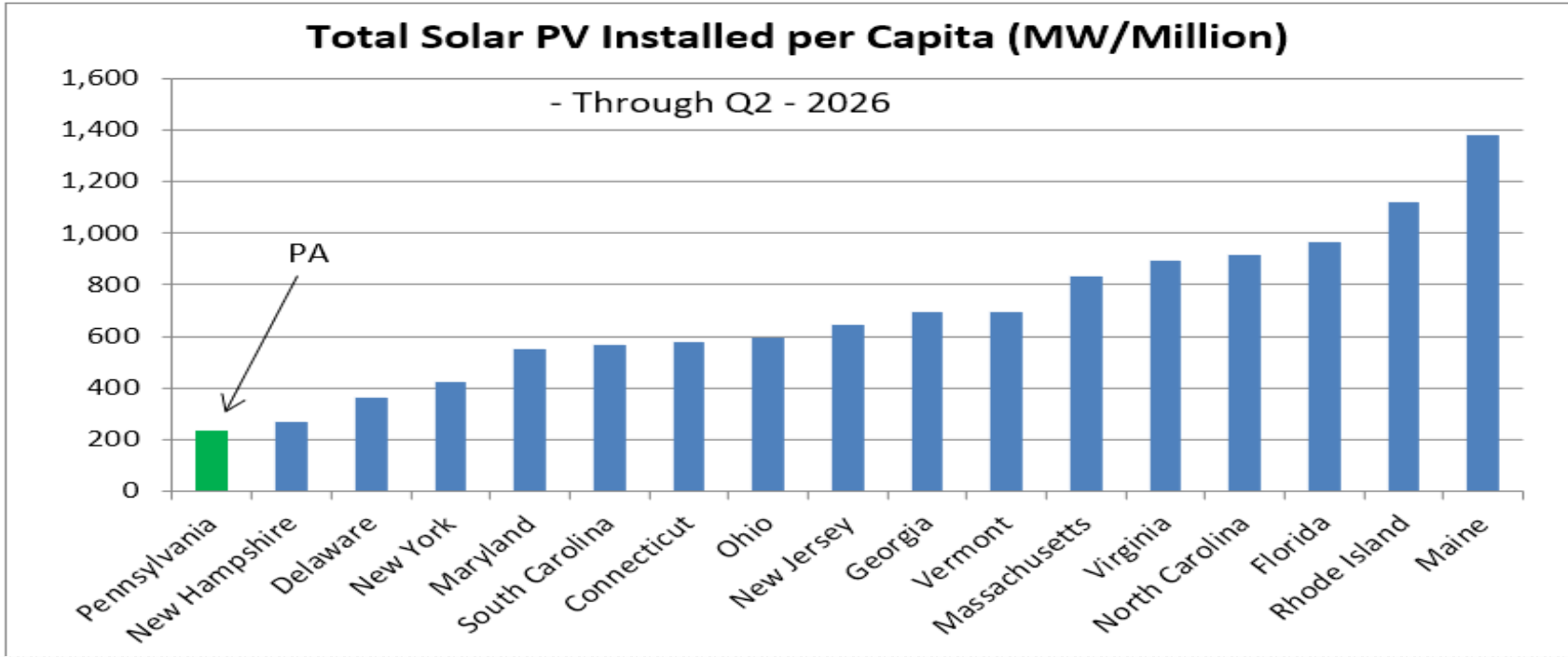
Ron Celentano – MSSIA - VP for Pennsylvania
PASSIA - President
(celentanoR@aol.com)

Solar in Other East Coast States Compared to PA



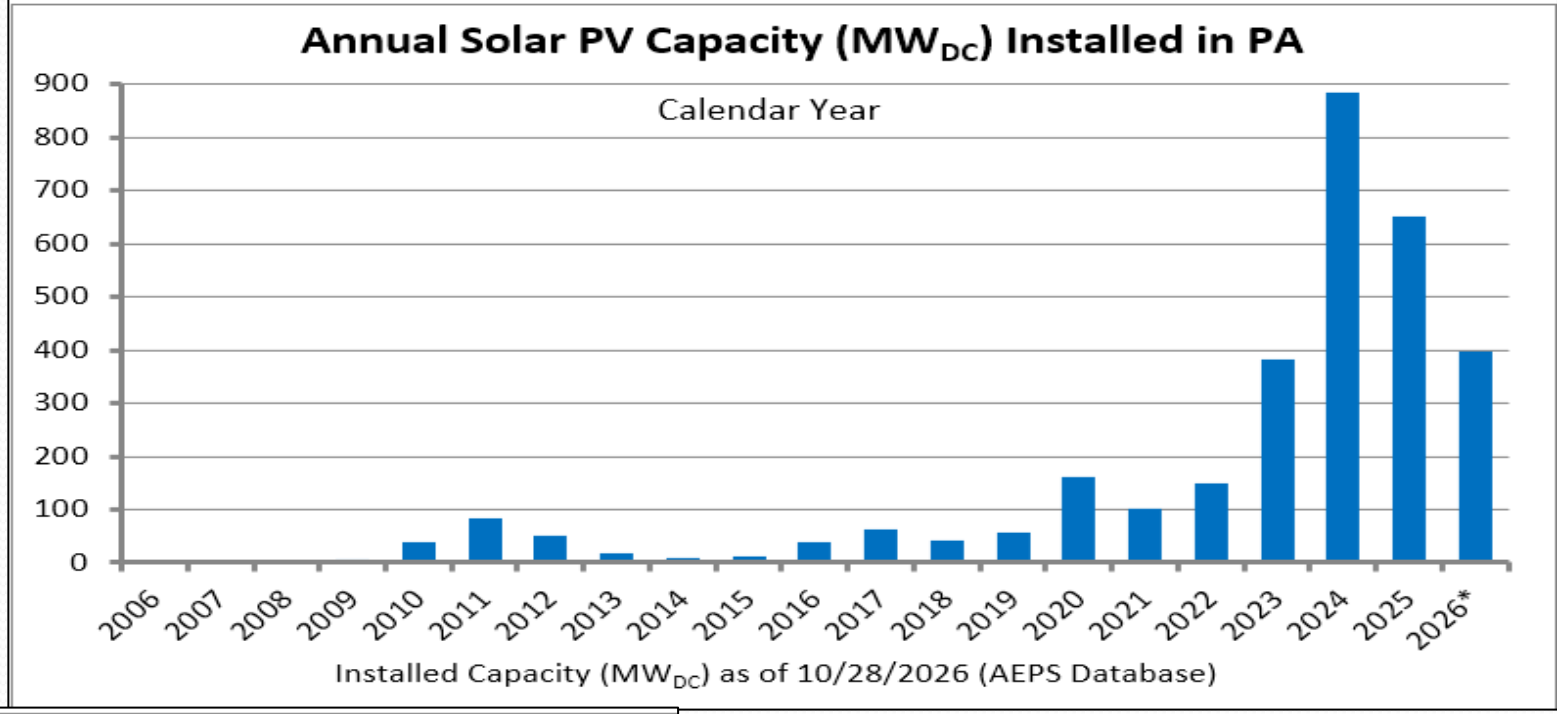
Solar in Pennsylvania Ranks 24th in the Nation

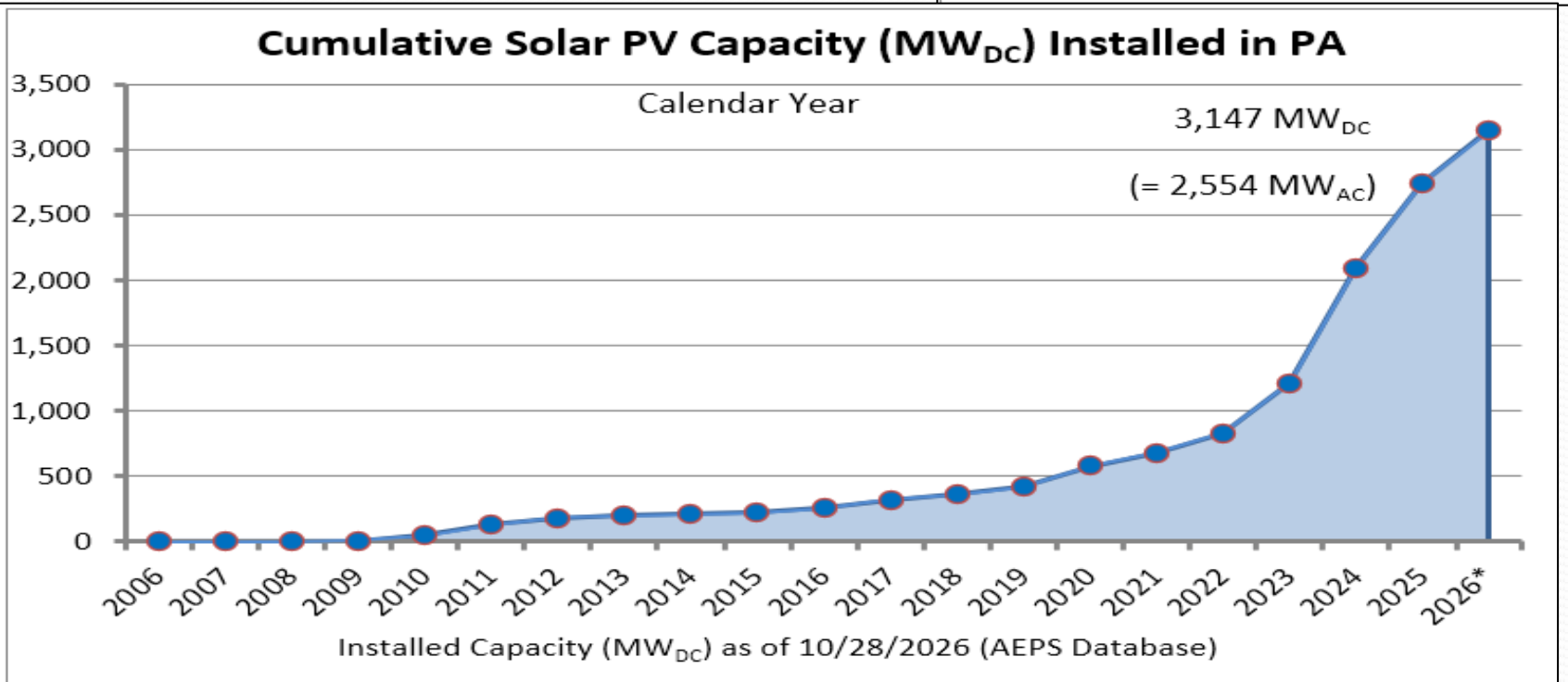
SEIA – Qrt 2, 2026



PV Capacity in PA Annual & Cumulative

As of 10/28/2026

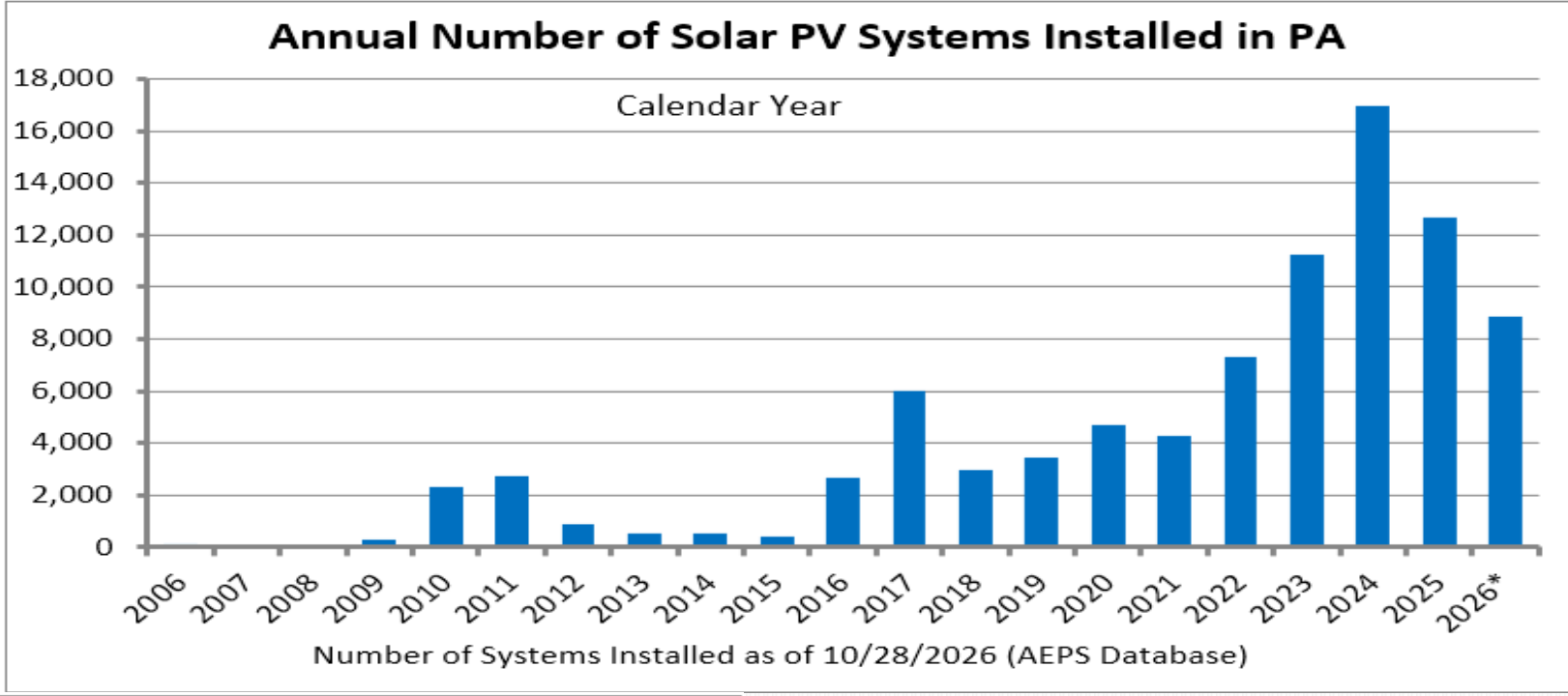


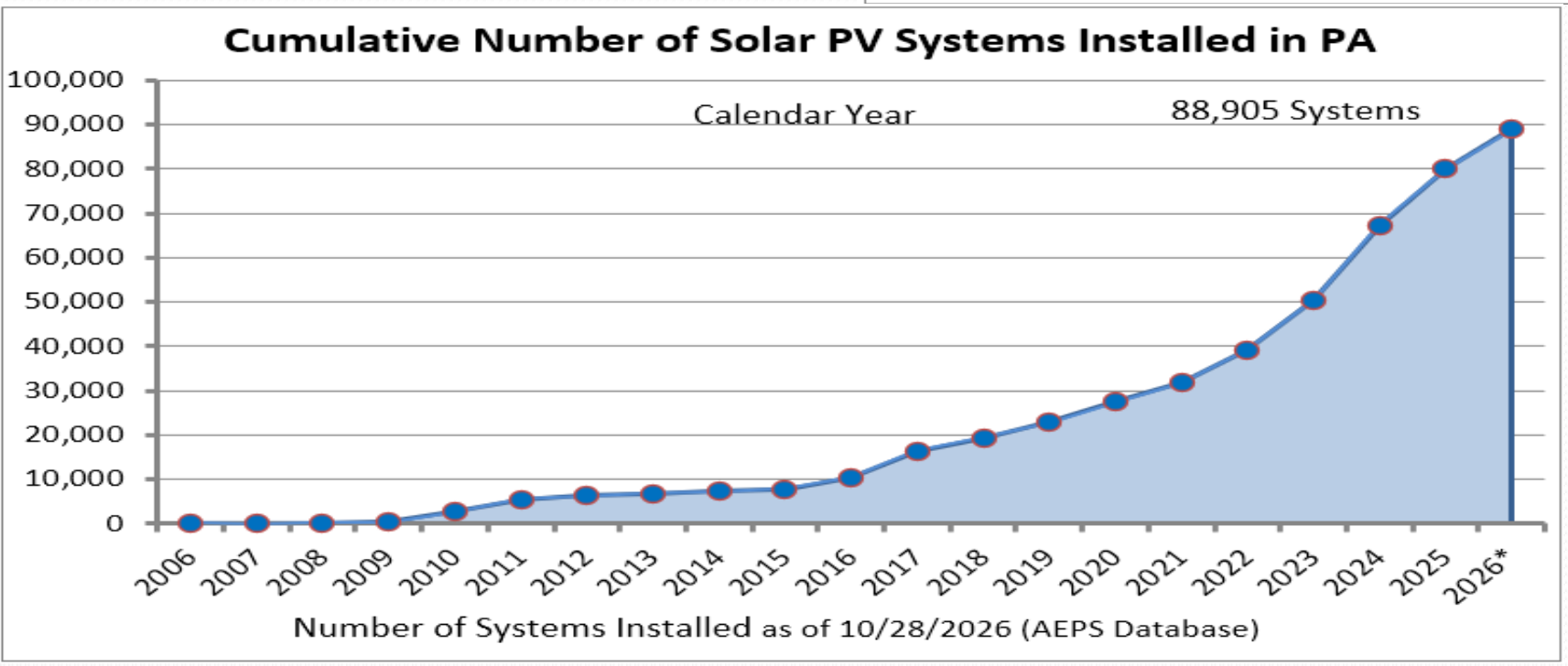


SEIA reports 3,095 MW installed through Qrt 2-2026

Number of PV Systems in PA Annual & Cumulative

As of 10/28/2026





Breakdown Of PV Installations in PA

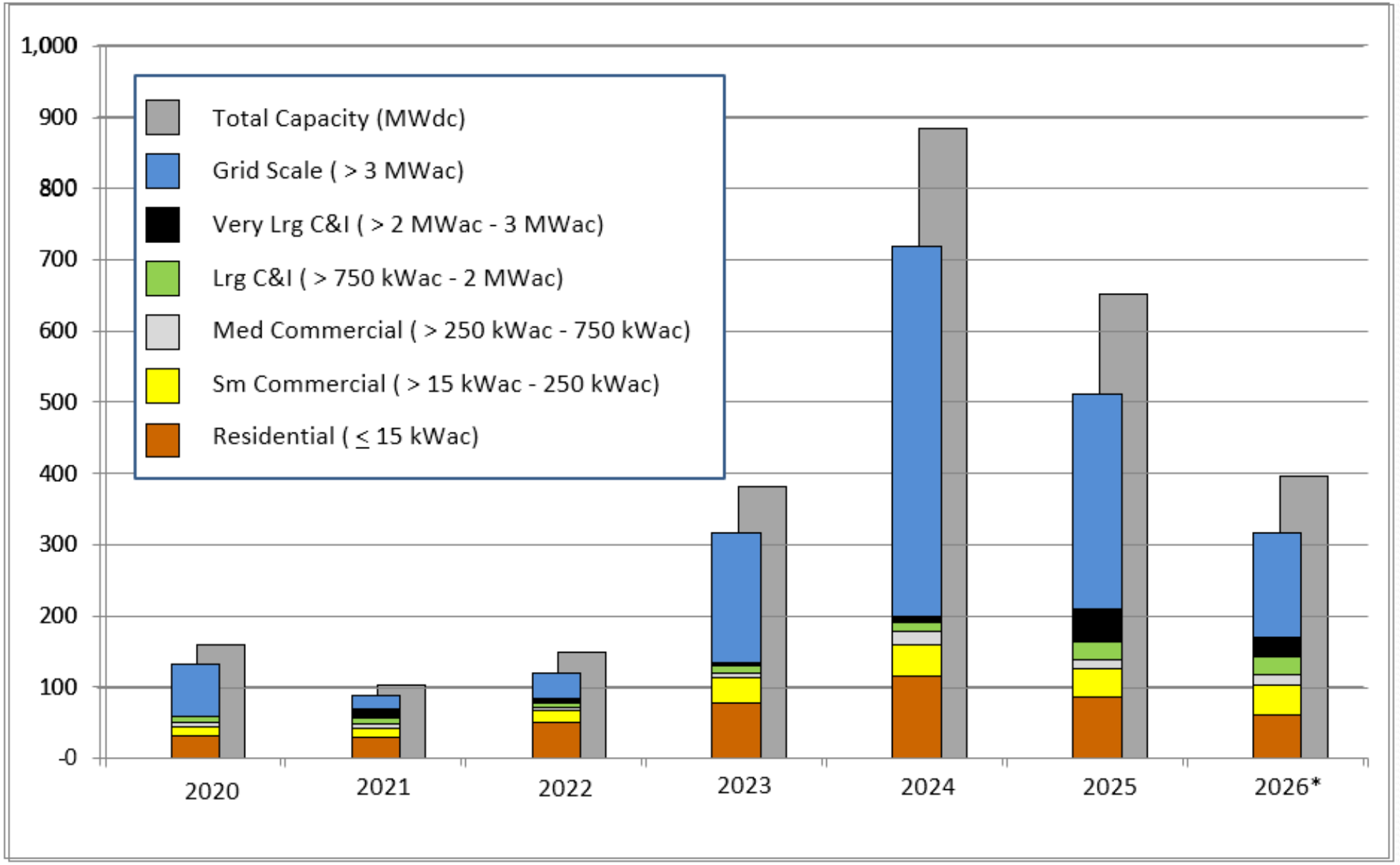
Cumulative PV Installed in PA (DC)		
Capacity (DC)	**# of Systems**	**Total MW**
≤ 15 kW	72,131	610
> 15 kW to ≤ 250 kW	16,211	439
> 250 kW to ≤ 1 MW	365	176
> 1 MW to ≤ 3 MW	114	183
> 3 MW to ≤ 5 MW	43	162
> 5 MW to ≤ 10 MW	2	14
> 10 MW	39	1,564
Total	88,905	3,147

* as of 10/28/2026 as per PA AEPS (PUC)

Cumulative PV Installed in PA (AC)		
Capacity (AC)	**# of Systems**	**Total MW**
≤ 15 kW	79,252	592
> 15 kW to ≤ 250 kW	9,163	277
> 250 kW to ≤ 1 MW	342	171
> 1 MW to ≤ 3 MW	105	215
Total DG Solar (NEM)	**88,862**	**1,255**
> 3 MW to ≤ 5 MW	4	16
> 5 MW to ≤ 10 MW	2	15
> 10 MW	37	1,269
Total Grid Scale	**43**	**1,300**
Total	**88,905**	**2,554**

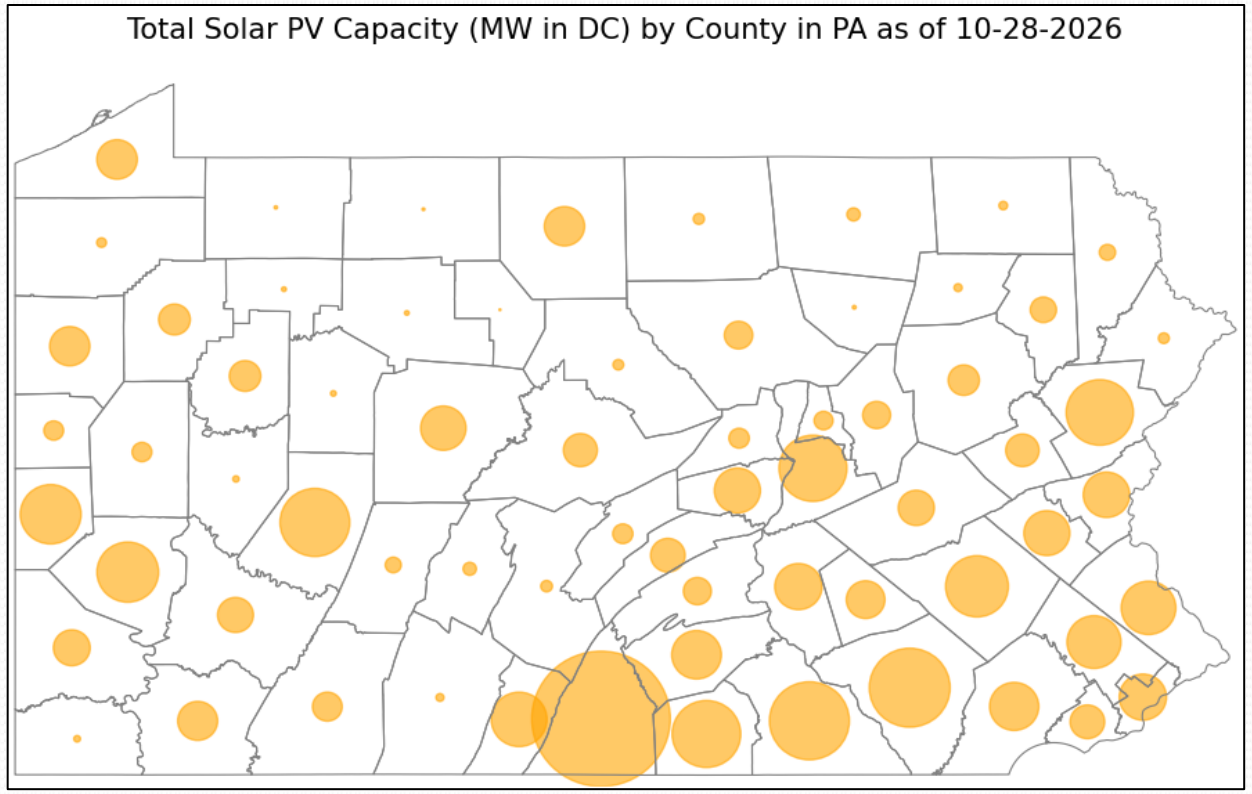
* as of 10/28/2026 as per PA AEPS (PUC)

Annual Solar PV Capacity (MW) Installed in PA: AC vs DC

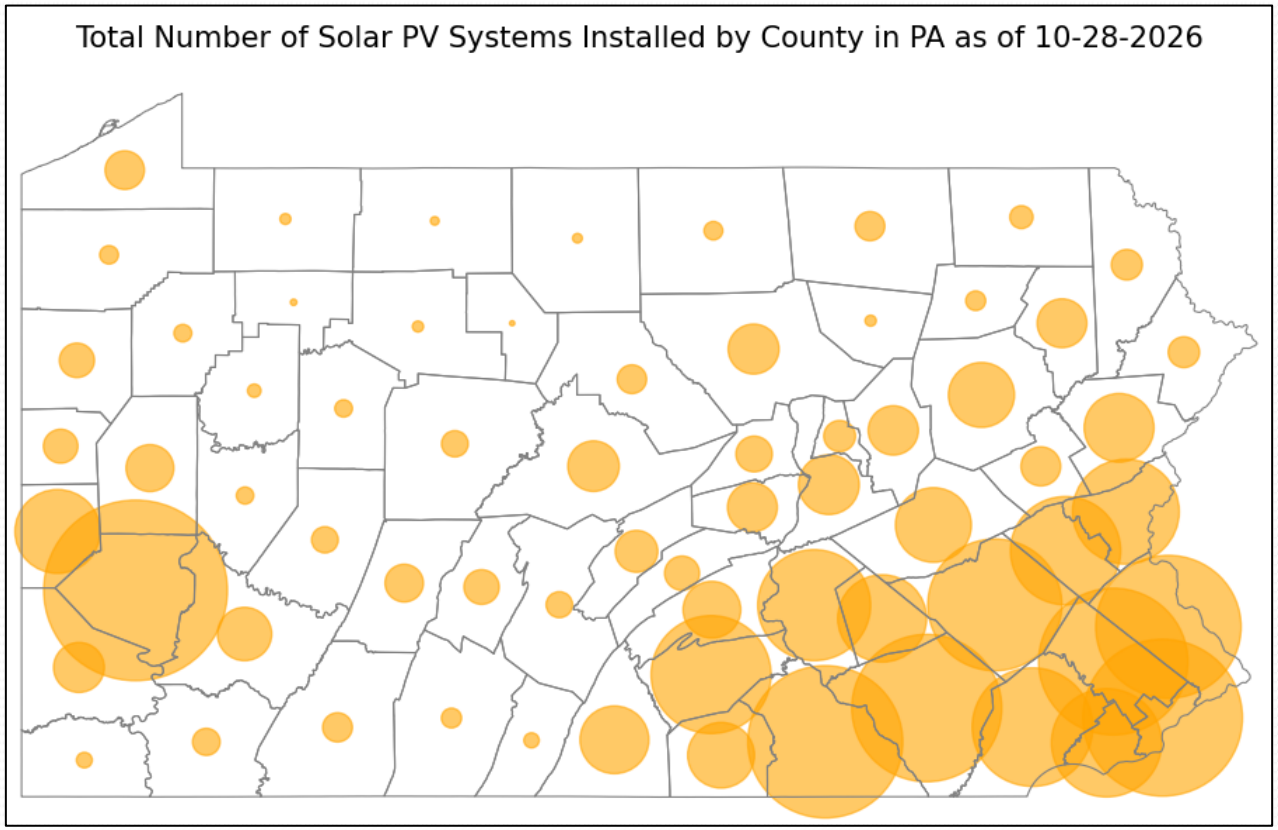


* as of 10/28/2026 as per PA AEPS (PUC)

Solar PV Installations in PA by County



Currently, 2,554 MW_{AC} is installed (as of 10/28/2026), or the solar share in PA = **2.43%**



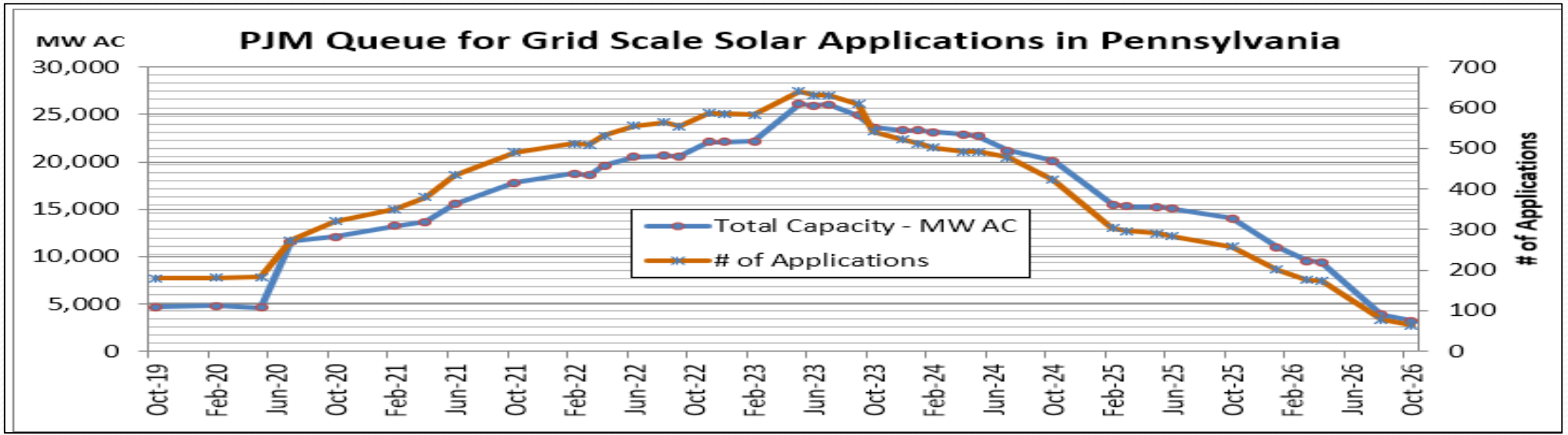
0.5% Solar PV Requirement = 525.0 MW_{AC} Solar PV Capacity

534.4 MW_{AC} had been installed in PA by 5/31/2021

PJM Queue for PA Solar Applications

PJM Queue for PA	As of 10/28/2026				
		Max Facility Output (MFO)			Total Cap
		Total Cap	Capacity Range		IC Queue
Status	# of Apps	AC MW	Min	Max	Position
Active	13	541	4.7	200.0	177
Engineering/Procurement	29	1,806	15.7	162.0	603
Under Construction	17	765	13.5	132.0	345
Part in Srvc - Under Const	5	98	17.9	20.0	60
Sub-Total	64	3,210			1,185
In Service	48	1,368	3.3	150.0	747
Grand Total*	**112**	**4,578**			**1,932**

* Total Applications categorized as "Solar & Storage" = 5



PA Grid Scale Solar Facilities – In Service in 2023 - 2026

In Service in 2023 - 2026

Queue #	Name	Commercial Name	State	County	Transmission Owner	MFO Capacity MW_{AC}	Actual In Service Date
AE2-129	Philipsburg-Clarence 34.5 kV	Philipsburg-Clarence 34.5 kV	PA	Clearfield	PENELEC	20	1/28/2023
AE2-126	Dubois-Curwensville 34.5 kV	CL-Viaduct	PA	Clearfield	PENELEC	20	3/23/2023
AF2-184	McConnelsburg-Mercersburg 34 kV II		PA	Franklin	APS	20	5/1/2023
AC2-168	Clinton 23kV	Gaucho Solar	PA	Washington	DL	11.7	6/29/2023
AD1-135	Clinton 23 kV II	Gaucho Solar	PA	Washington	DL	20	6/29/2023
AE2-115	Midland 23 kV II	BE-PINE 2 Dam Road	PA	Beaver	DL	17.1	11/5/2023
AE2-114	Midland 23 kV I	BE-PINE 1 Cain Road	PA	Beaver	DL	17.1	11/20/2023
AE2-224	Bear Rock-Johnstown 230 kV	CPV Maple Hill Solar	PA	Cambria	PENELEC	100	11/28/2023
AD2-115	Lyons-Moselem 69kV	Lyons Solar	PA	Berks	ME	20	12/1/2023
AE2-060	Mifflintown Bus-Mifflintown Tap 69 kV	Cottontail Solar 5 aka Walker Solar	PA	Juniata	PPL	20	12/12/2023
	Subtotal					**266**	**2023**
AD2-116	Hokes-Grantley 69 kV	Cottontail Solar 2	PA	York	ME	20	3/1/2024
AD1-020	Hunterstown-Lincoln 115 kV	Adams Solar LLC	PA	Adams	ME	80	3/21/2024
AD2-009	McConnellsburg 138 kV	Great Cover Solar LLC	PA	Fulton	APS	70	4/16/2024
AE1-196	Hokes-Jackson 69 kV II	Cottontail Solar 8	PA	York	ME	20	4/24/2024
AE2-133	Penns Tap-Richfield Tie 69 kV	Penn Solar (Cottontail 6)	PA	Snyder	PPL	20	5/8/2024
AE1-101	McConnellsburg-Texas Eastern 138 kV	Great Cove Solar II	PA	Franklin	APS	150	6/6/2024
AE1-185	Hokes-Jackson 69 kV	Cottontail Solar 1	PA	York	ME	20	8/12/2024
AE2-059	Derry Tap-Derry Bus 69 kV	Cottontail Solar 4 aka East Chilli Solar	PA	Northumberland	PPL	20	8/20/2024
AF1-021	Bethelboro-Connellsville #1 25 kV	Dunbar Solar	PA	Fayette	APS	14	10/18/2024
AF1-022	Lake Lynn-Uniontown 25 kV	Gans Solar Farm	PA	Fayette	APS	14	12/3/2024
AE2-125	Stahlstown-Ligonier 25 kV	Stahlstown-Ligonier 25 kV	PA	Westmoreland	APS	13.8	12/4/2024
AF1-039	Listonburg-Highpoint 24.9 kV	Listonburg Solar	PA	Somerset	PENELEC	15	12/26/2024
	Subtotal					**457**	**2024**
AF1-006	Fairview East 34.5 kV	Erie Solar	PA	Erie	PENELEC	20	1/29/2025
AE2-054	Warfordsburg 34 kV	Blairs Valley	PA	Franklin	APS	20	1/30/2025
AE1-071	Shade Gap-Roxbury 115 kV	Aspen Road Solar	PA	Franklin	PENELEC	100.1	2/28/2025
AF2-130	Cobalt Corners 34.5 kV	Cobalt Solar	PA	Clarion	PENELEC	18.9	5/26/2025
AG1-386	Smith-Francis Junction 25 kV	Smith-Francis Junction 25 kV	PA	Washington	APS	20	7/11/2025
AF2-165	Clark Summit-Emlenton 34.5 kV	Cardinal Solar	PA	Venango	PENELEC	18.9	7/22/2025
AE2-042	Milton 69 kV	Northumberland Solar	PA	Northumberland	PPL	65	8/18/2025
	Subtotal					**263**	**2025**
AE2-175	Jackson-Long Pond 69 kV	Swiftwater Solar	PA	Monroe	PPL	80	1/11/2026
AG1-198	Union City 34.5 kV	Union City 34.5 kV	PA	Erie	PENELEC	12	3/11/2026
AF1-254	Milnor-Huyetts 34.5 kV	FR-Williamsport	PA	Franklin	APS	20	4/16/2026
AE2-074	Potter 46 kV	Potter Solar	PA	Potter	APS	35	8/4/2026
	Subtotal					**147**	**2026**
	Total (MW_{AC})					**1133**	**2023-2026**

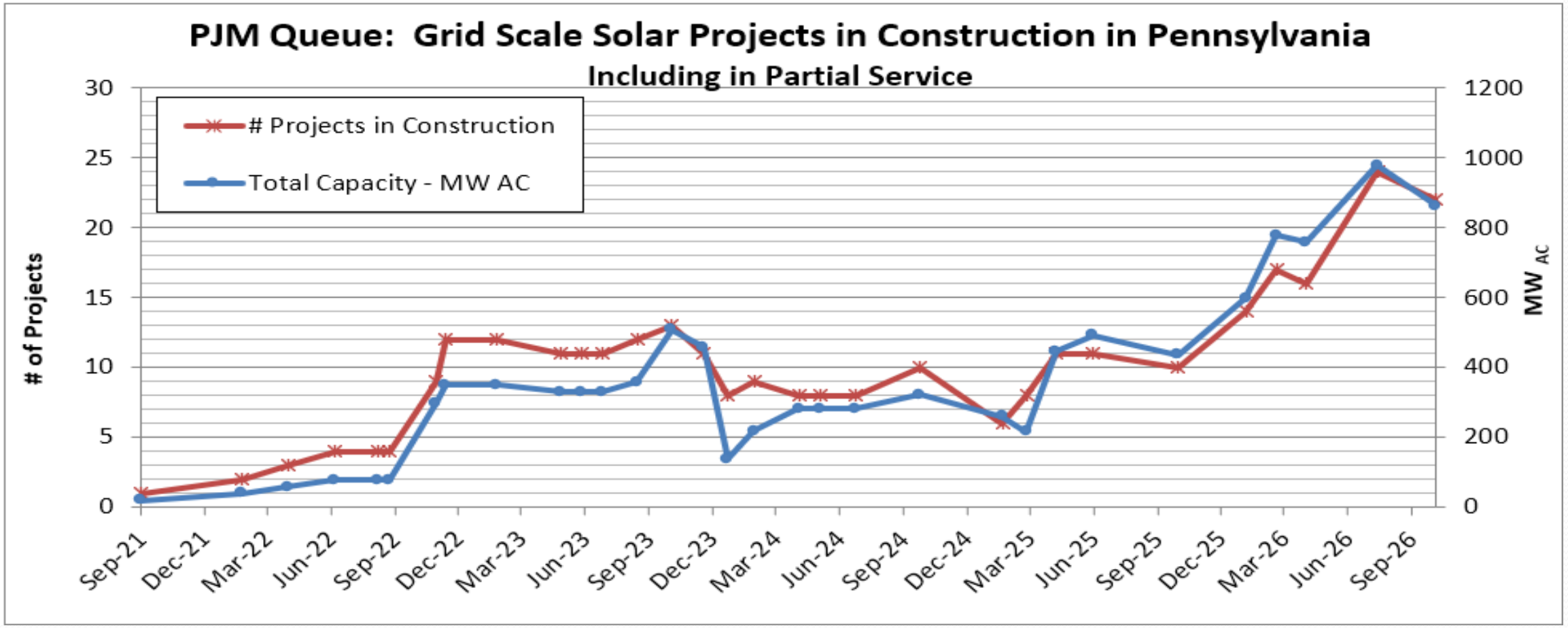
PJM Queue for PA Solar Facilities - Under Construction

Projects Currently Under Construction - Solar PV Facilities in PA (10/28/2026)

Including In Partial Service (*)

Queue #	Name	Commercial Name	State	County	Transmission Owner	MFO Capacity MW
AE1-183 *	Maysville-McDowell 69 kV	Jackson Center Solar Facility	PA	Mercer	ATSI	20.0
*AE1-237 *	*Andover (Maysville) 69kV I*	*Welcome Solar II*	*PA*	*Crawford*	*ATSI*	*19.9*
*AE2-343 *	*Andover (Maysville) 69 kV II*	*Welcome Solar III*	*PA*	*Crawford*	*ATSI*	*17.9*
*AF1-093 *	*Henderson-Stoneboro 69 kV*	*Jackson Center Solar II*	*PA*	*Mercer*	*ATSI*	*20.0*
AF1-134 *	Philipsburg-Madera 34.5 kV	CL-Green Acres	PA	Clearfield	PENELEC	20.0
AE1-079	Maysville-Sharon 69 kV	Welcome Solar, LLC	PA	Mercer	ATSI	19.9
AE2-113	*Farmers Valley-Ridgeway 115*	*Clermont Solar*	*PA*	*McKean*	*APS*	*120.0*
AE2-131	Philipsburg-Karthaus 34.5	UN-Kylertown	PA	Westmoreland	PENELEC	20.0
AE2-285	Maysville 69 kV	MC Solar	PA	Mercer	ATSI	50.0
AE2-316	*Brookville-Squab Hollow 138 k*	*Squab Solar*	*PA*	*Jefferson*	*PENELEC*	*90.0*
AF1-094	*Union City-Cambridge Springs*	*Franklin Solar*	*PA*	*Crawford*	*PENELEC*	*20.0*
AF1-302	Brookville-Squab Hollow 138 k	Squab Solar	PA	Jefferson	PENELEC	132.0
AF2-039	Shawville-Clearfield 34.5 kV	Abes Run Solar	PA	Clearfield	PENELEC	13.5
AF2-088	Shawville-Clearfield 34.5 kV II	Abes Run Solar	PA	Clearfield	PENELEC	20.0
AF2-233	Penns-Richfield Tie #1 69 kV	Washington East Solar	PA	Snyder	PPL	20.0
AF2-234	Penns-Richfield Tie #1 69 kV	Washington West Solar	PA	Snyder	PPL	40.0
AF2-361	Mifflintown Tap 69 kV	Walker Solar Two	PA	Juniata	PPL	80.0
AF2-424	Reed-Reed Tap #1 69 kV	Shamrock Energy Center	PA	Northumberland	PPL	20.0
AF2-425	Reed-Reed Tap#1 69 kV	Shamrock Energy Center	PA	Adams	PPL	40.0
AG1-040	Morgan Street-Mount Hope 3	Nichols Solar	PA	Crawford	PENELEC	20.0
AG1-054	Potter-Harlan 69 kV	Green Meadows Solar	PA	Lawrence	ATSI	40.0
AG1-281	Claysburg-HCR Tap 46 kV	BL-Hileman Hollow	PA	Blair	PENELEC	20.0
	Total (MW_{AC})	** In Partial Service*				**863.2**

PJM Queue for PA Solar Facilities - Under Construction



Current PA SACP = $66.40/SREC

Current PA SREC Prices

