

SINGAPORE SOLAR PHOTOVOLTAIC REPORT Q1 2025

Solar Snapshot for Q1 2025

Installed Capacity:

1,641 MWp (4% growth from Q4 2024)

No. of Installations:

11, 119 (1% growth from Q4 2024)

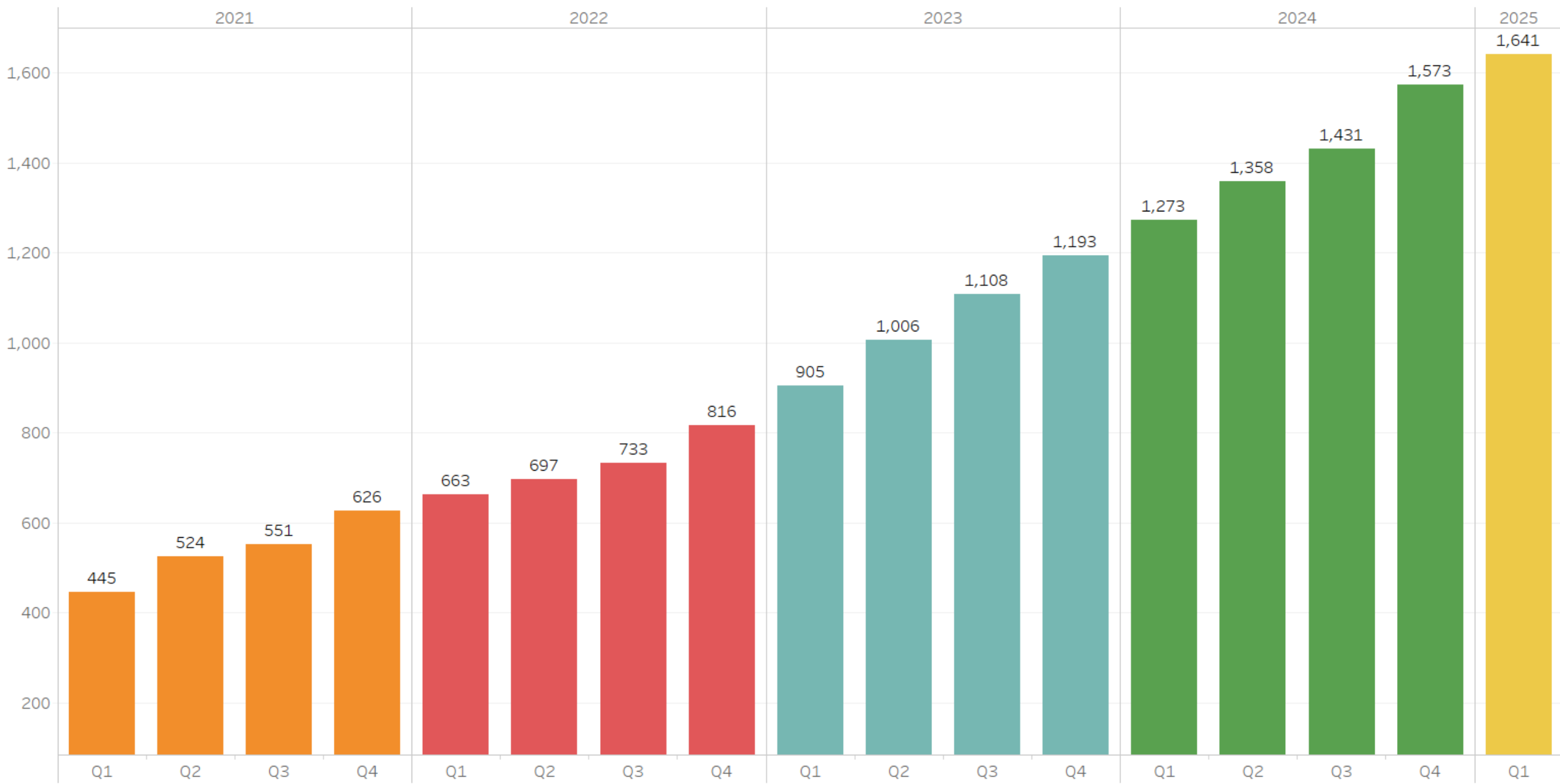
Planned Installation (by Q3 2025)

278 MWp

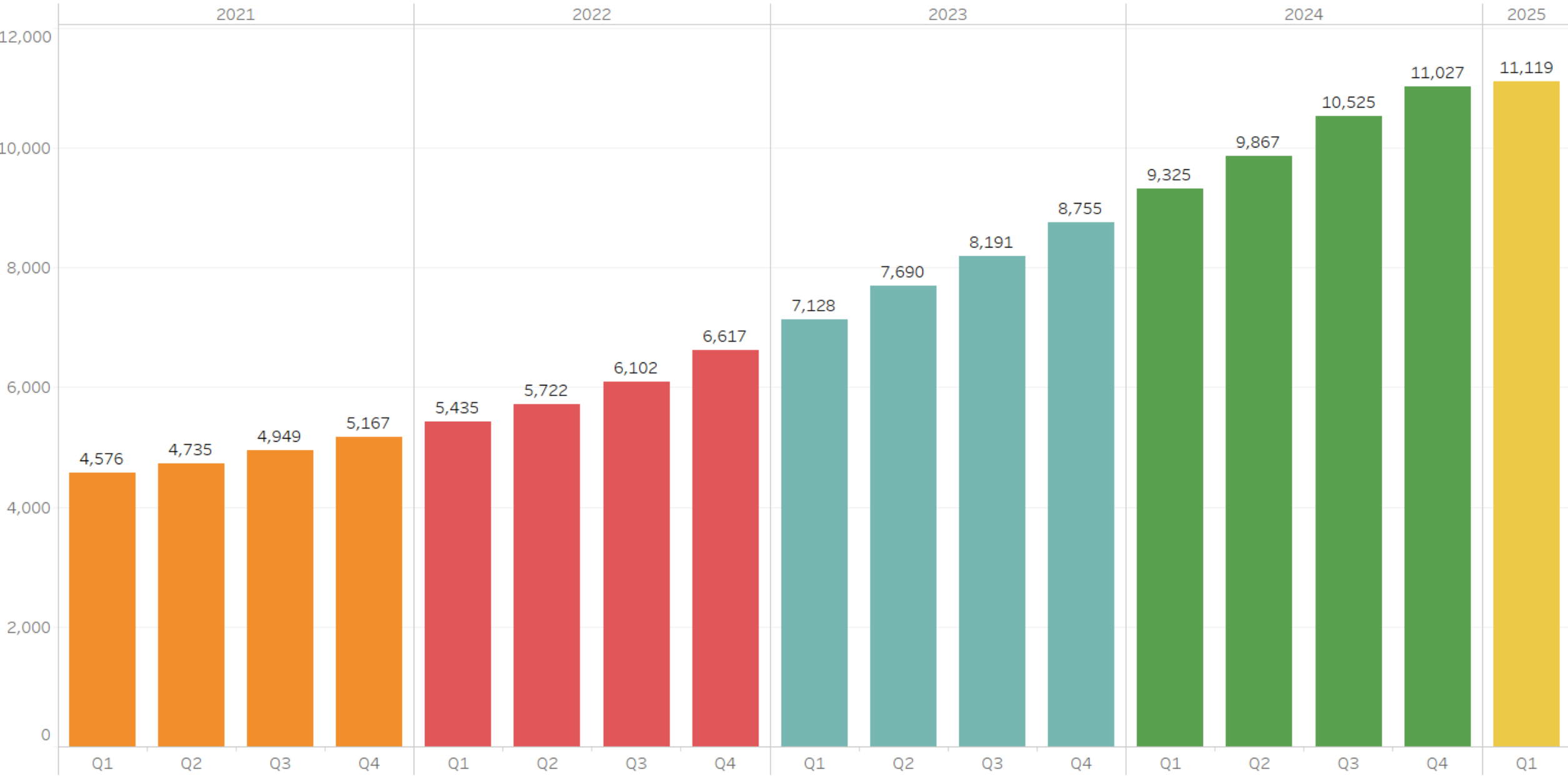
Energy Storage System

205.4 MW

Total Installed Capacity (MWp)



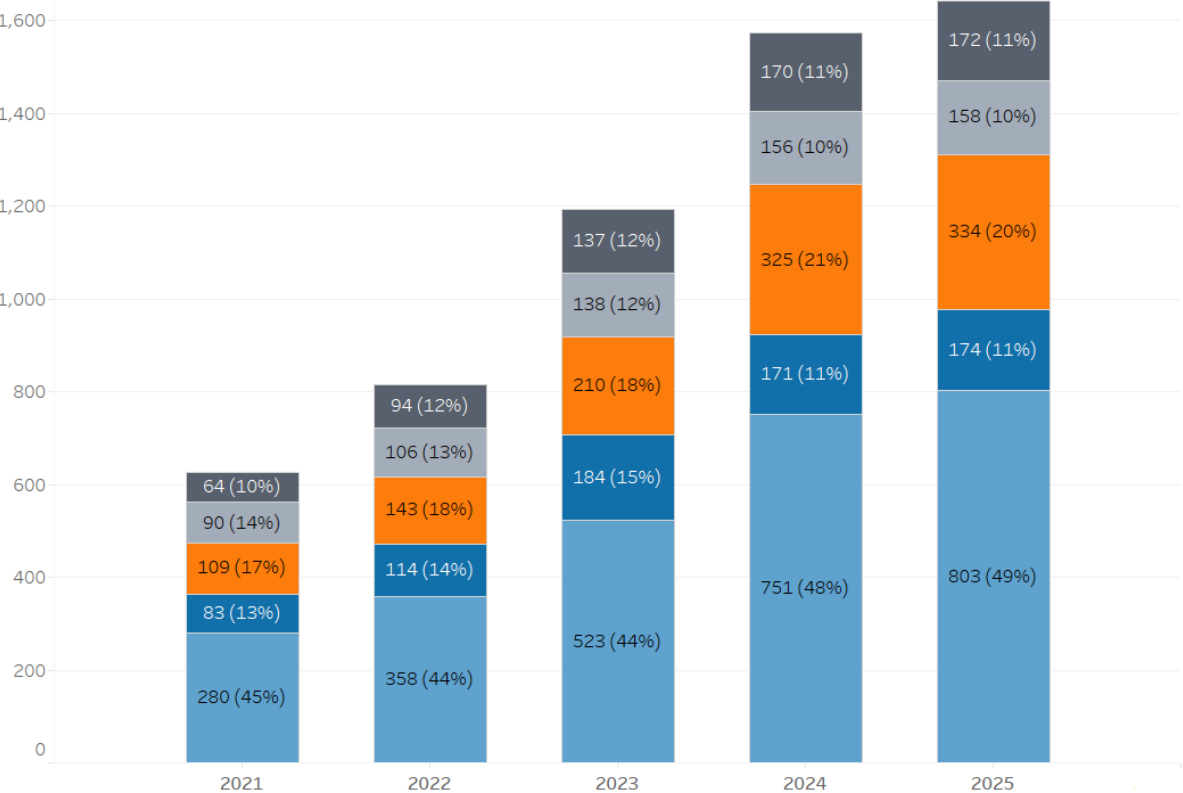
No. of Installations



Installed Capacity (MWp) by Region

Region: North-East North East Central West

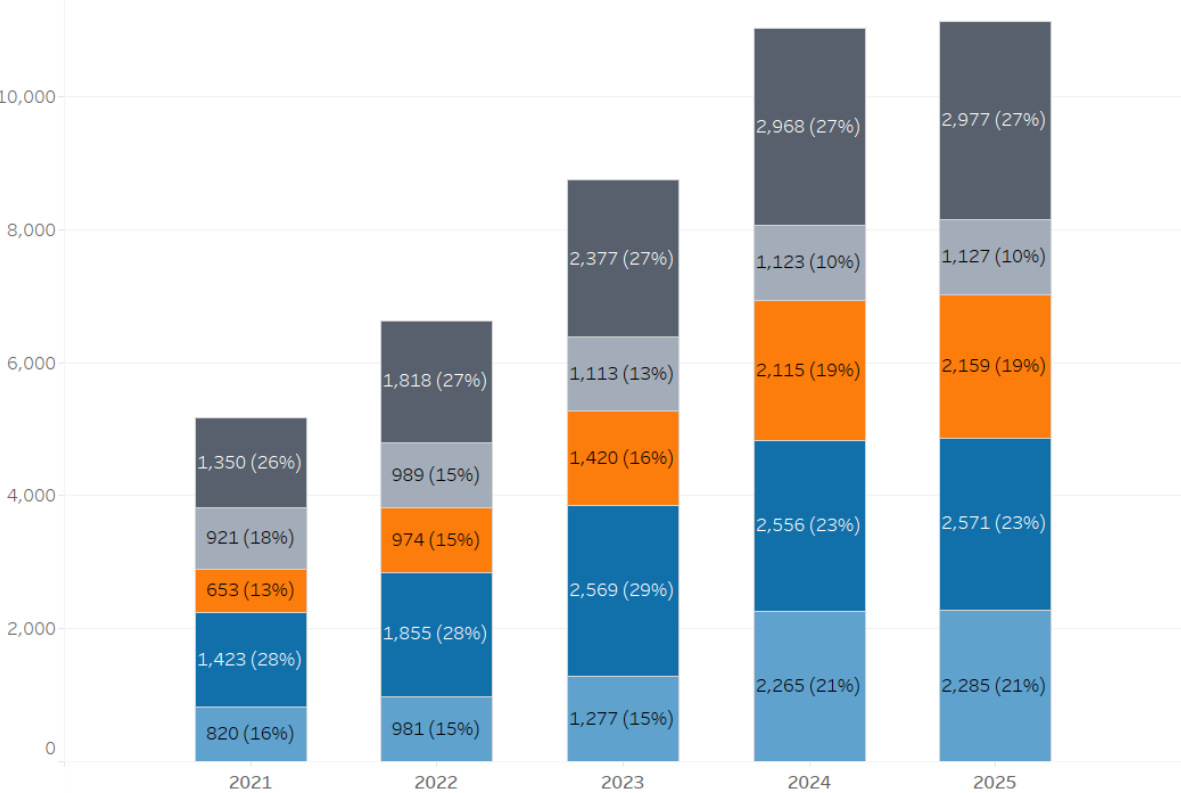
Installed Capacity (MWp)

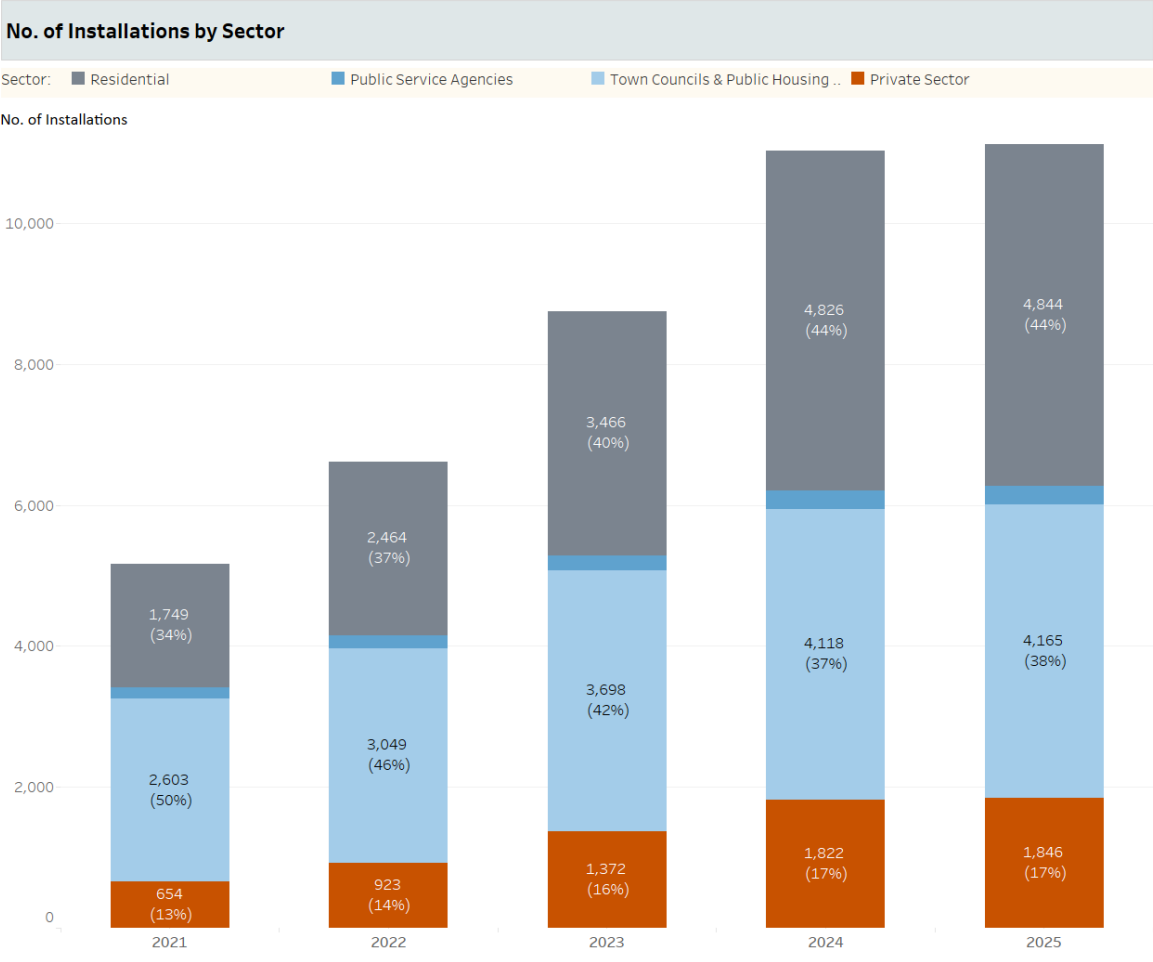
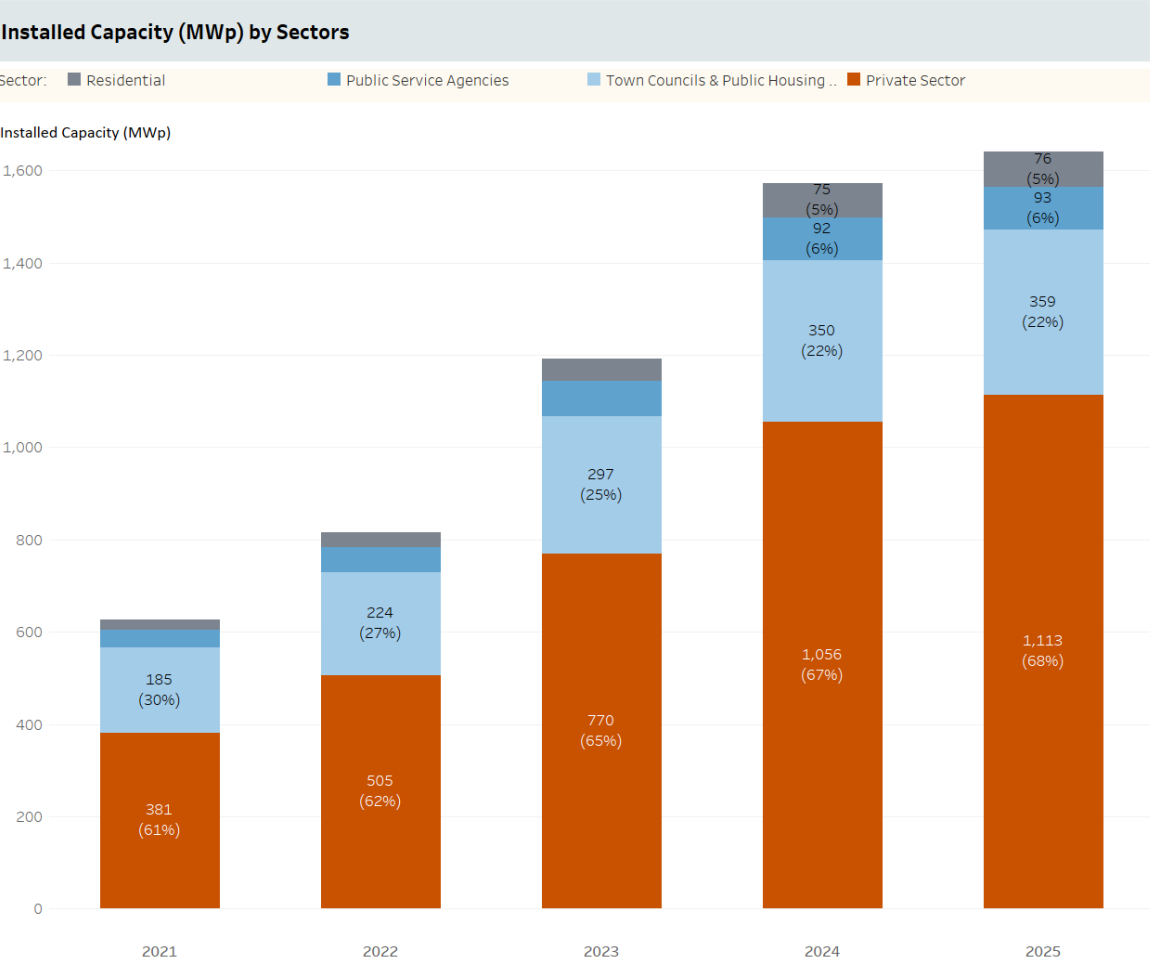


No. of Installations by Region

Region: North-East North East Central West

No. of Instal..





INSTALLED CAPACITY OF GRID-CONNECTED SOLAR PV SYSTEMS, Q1 2021 – Q1 2025 (AS AT END OF EACH QUARTER)

	Unit: MWp																
	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2	2022 Q3	2022 Q4	2023 Q1	2023 Q2	2023 Q3	2023 Q4	2024 Q1	2024 Q2	2024 Q3	2024 Q4	2025 Q1
Total	445.0	524.4	550.9	625.6	663.1	696.9	732.8	815.8	904.9	1,006.0	1,107.8	1,193.0	1,273.0	1,358.1	1,430.8	1,573.0	1,640.7
Residential	16.4	17.5	18.7	20.3	22.8	25.3	28.2	32.4	37.1	41.2	44.7	49.6	55.9	60.2	69.2	75.2	75.8
Non-Residential	428.6	506.9	532.2	605.3	640.4	671.6	704.6	783.4	867.8	964.8	1,063.0	1,143.4	1,217.1	1,298.0	1,361.6	1,497.8	1,564.9
Public Service Agencies	28.3	31.3	37.3	40.0	44.2	45.7	46.9	54.8	61.4	64.9	71.7	76.2	78.6	85.3	88.9	92.1	92.9
Town Councils & Public Housing Commor	166.4	171.4	178.0	184.8	188.9	196.1	205.9	223.8	238.3	261.1	278.3	297.4	309.4	327.3	335.5	349.9	358.9
Private Sector	234.0	304.2	316.9	380.5	407.3	429.8	451.8	504.8	568.2	638.8	713.0	769.8	829.2	885.3	937.2	1,055.8	1,113.2

Source: SP PowerGrid Ltd (SPPG)

	Unit: MWac																
	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2	2022 Q3	2022 Q4	2023 Q1	2023 Q2	2023 Q3	2023 Q4	2024 Q1	2024 Q2	2024 Q3	2024 Q4	2025 Q1
Total	342.6	403.8	424.2	481.7	510.6	536.6	564.2	628.2	696.8	774.6	853.0	918.6	980.2	1,045.7	1,101.7	1,211.2	1,263.3
Residential	12.6	13.4	14.4	15.6	17.5	19.5	21.7	24.9	28.6	31.7	34.4	38.2	43.0	46.3	53.2	57.9	58.4
Non-Residential	330.0	390.3	409.8	466.1	493.1	517.1	542.5	603.2	668.2	742.9	818.5	880.4	937.2	999.4	1,048.5	1,153.3	1,205.0
Public Service Agencies	21.8	24.1	28.8	30.8	34.0	35.2	36.1	42.2	47.2	50.0	55.2	58.7	60.5	65.7	68.5	70.9	71.5
Town Councils & Public Housing Commor	128.1	132.0	137.0	142.3	145.4	151.0	158.6	172.3	183.5	201.0	214.3	229.0	238.2	252.1	258.4	269.4	276.3
Private Sector	180.2	234.2	244.0	293.0	313.6	331.0	347.9	388.7	437.5	491.9	549.0	592.8	638.5	681.7	721.7	812.9	857.1

Source: SP PowerGrid Ltd (SPPG) & Energy Market Authority (EMA)

Note:

- Historical values have been revised with the incorporation of new information on de-commissioned installations and reclassification of installations.
- Numbers may not add up to the totals due to rounding.
- MWp refers to megawatt peak, which is a typical measure of the installed nameplate capacity for solar PV systems. MWp represents the amount of electric power that can be produced by a solar PV system at its peak under Standard Test Conditions (STC).
- MWac refers to the Alternating Current (ac) capacity of the inverters used in solar PV installations.
- Town council & public housing common services refers to applicants who are from town councils and/or provides public housing-common services.

NUMBER OF GRID-CONNECTED SOLAR PV INSTALLATIONS, Q1 2021 – Q1 2025 (AS AT END OF EACH QUARTER)

	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2	2022 Q3	2022 Q4	2023 Q1	2023 Q2	2023 Q3	2023 Q4	2024 Q1	2024 Q2	2024 Q3	2024 Q4	2025 Q1
Total	4,576	4,735	4,949	5,167	5,435	5,722	6,102	6,617	7,128	7,690	8,191	8,755	9,325	9,867	10,525	11,027	11,119
Residential	1,492	1,563	1,650	1,749	1,903	2,055	2,227	2,464	2,742	2,983	3,181	3,466	3,812	4,055	4,525	4,826	4,844
Non-Residential	3,084	3,172	3,299	3,418	3,532	3,667	3,875	4,153	4,386	4,707	5,010	5,289	5,513	5,812	6,000	6,201	6,275
Public Service Agencies	132	141	152	161	169	173	175	181	188	197	205	219	224	237	249	261	264
Town Councils & Public Housing Commor	2,405	2,460	2,539	2,603	2,654	2,726	2,858	3,049	3,176	3,369	3,542	3,698	3,799	3,948	4,011	4,118	4,165
Private Sector	547	571	608	654	709	768	842	923	1,022	1,141	1,263	1,372	1,490	1,627	1,740	1,822	1,846

Source: SP PowerGrid Ltd (SPPG)

Note:

- Historical values have been revised with the incorporation of new information on de-commissioned installations and reclassification of installations.
- Town council & public housing common services refers to applicants who are from town councils and/or provides public housing-common services.