

SINGAPORE SOLAR PHOTOVOLTAIC REPORT Q2 2025

Solar Snapshot for Q2 2025

Installed Capacity:

1,775 MWp (7% growth from Q1 2025)

No. of Installations:

12,188 (6% growth from Q1 2025)

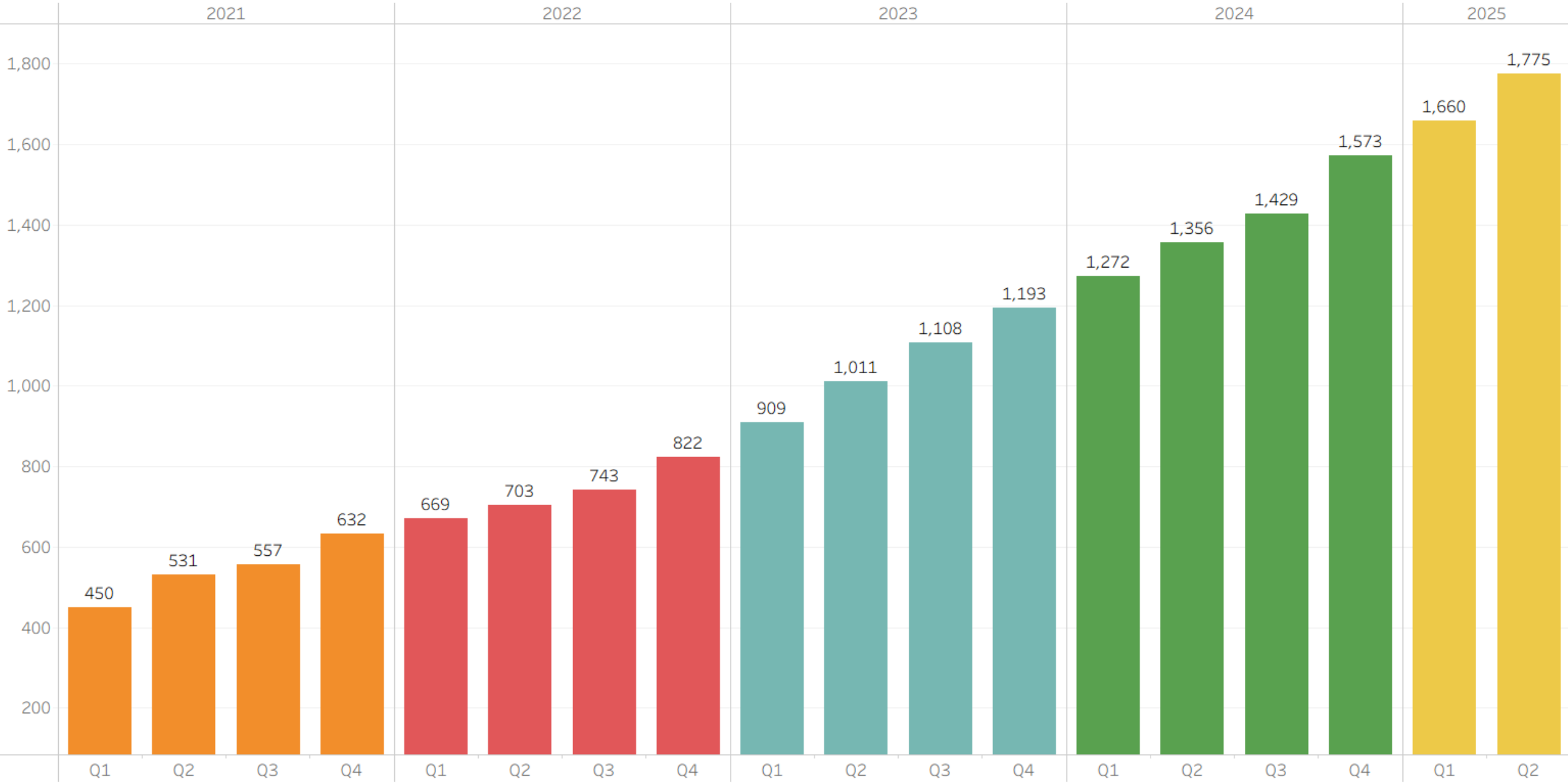
Planned Installation (by Q4 2025)

285 MWp

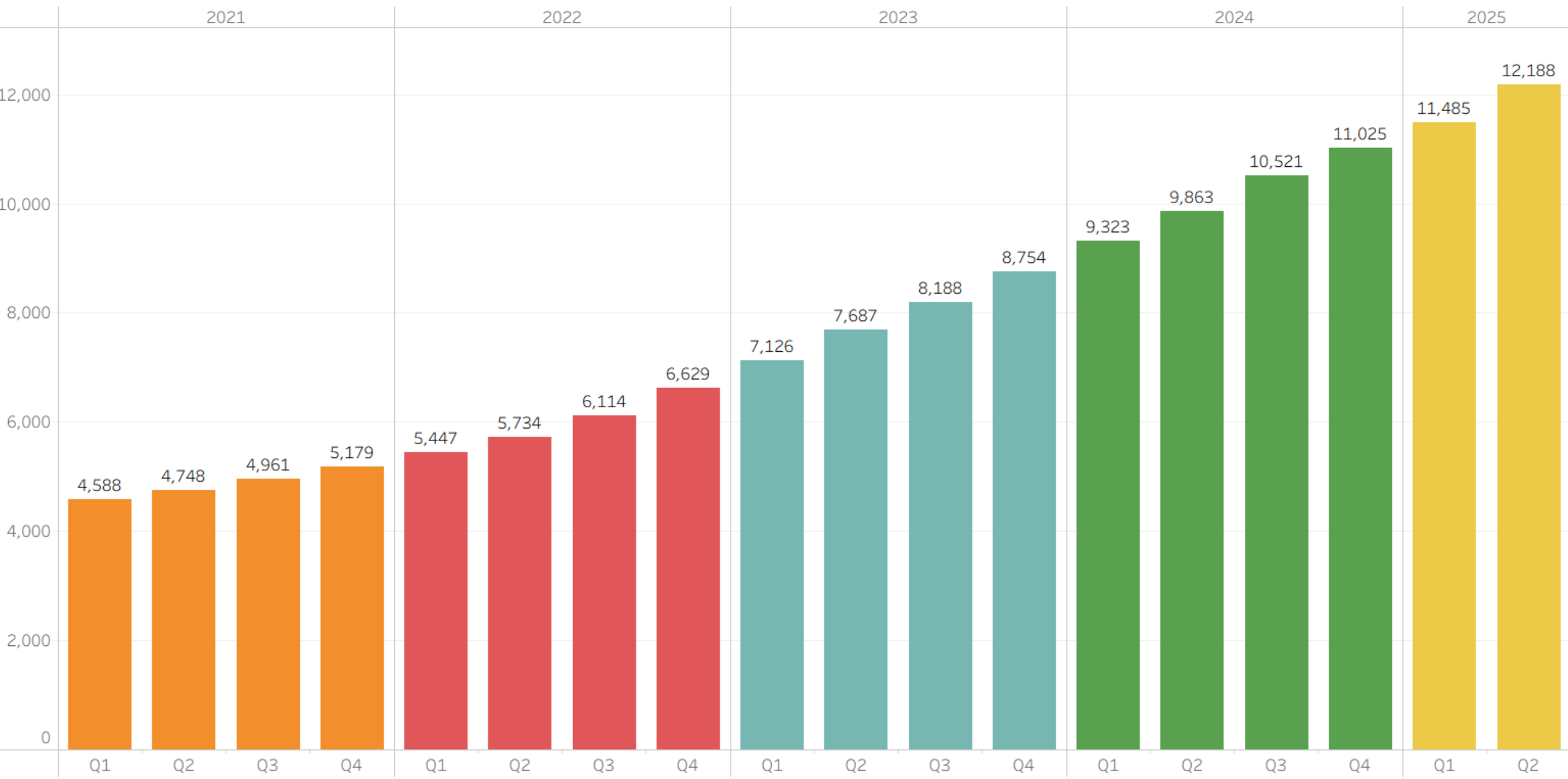
Energy Storage System

203.8 MW

Total Installed Capacity (MWp)



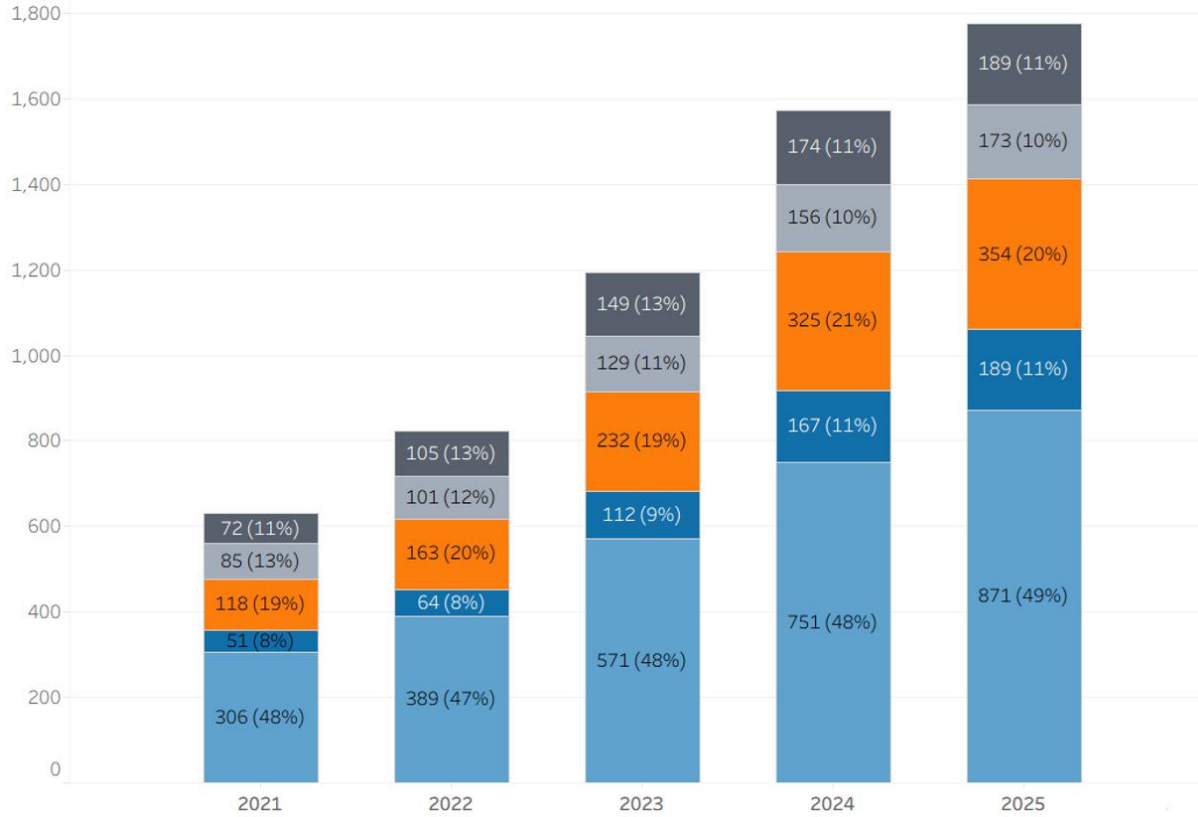
No. of Installations



Installed Capacity (MWp) by Region

Region: ■ North-East ■ North ■ East ■ Central ■ West

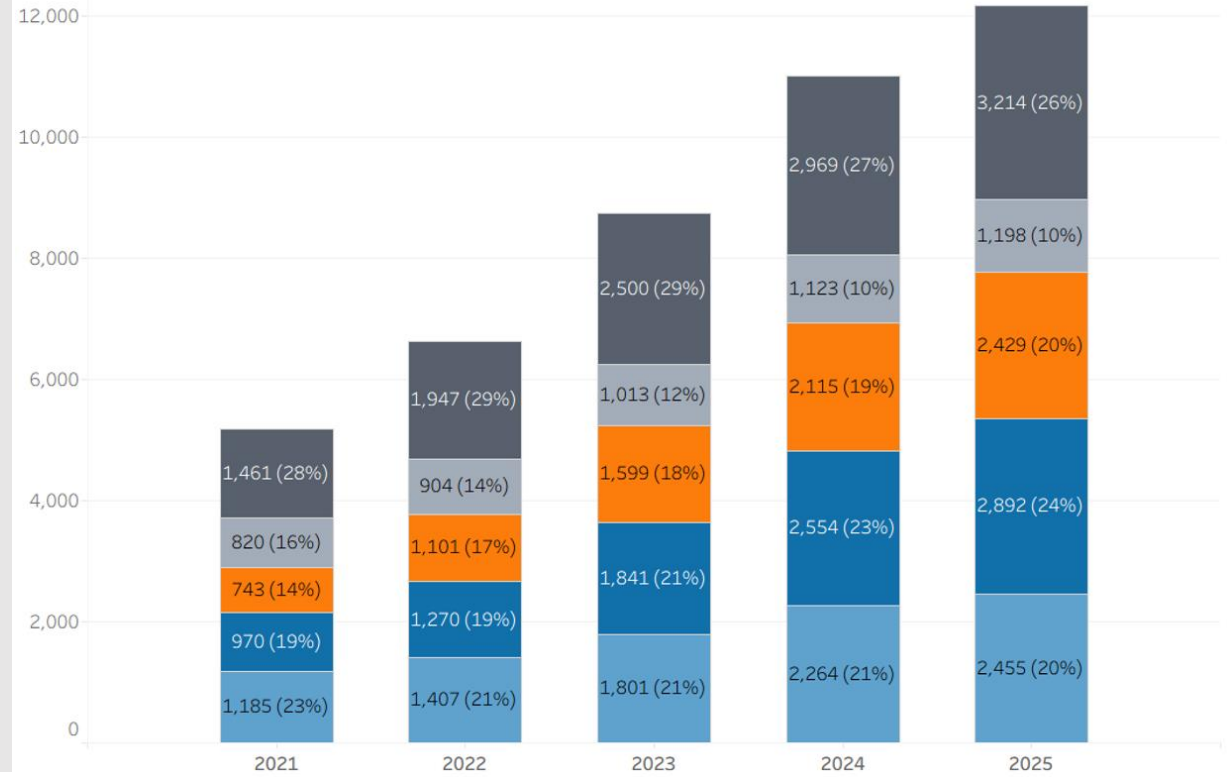
Installed Capacity (MWp)



No. of Installations by Region

Region: ■ North-East ■ North ■ East ■ Central ■ West

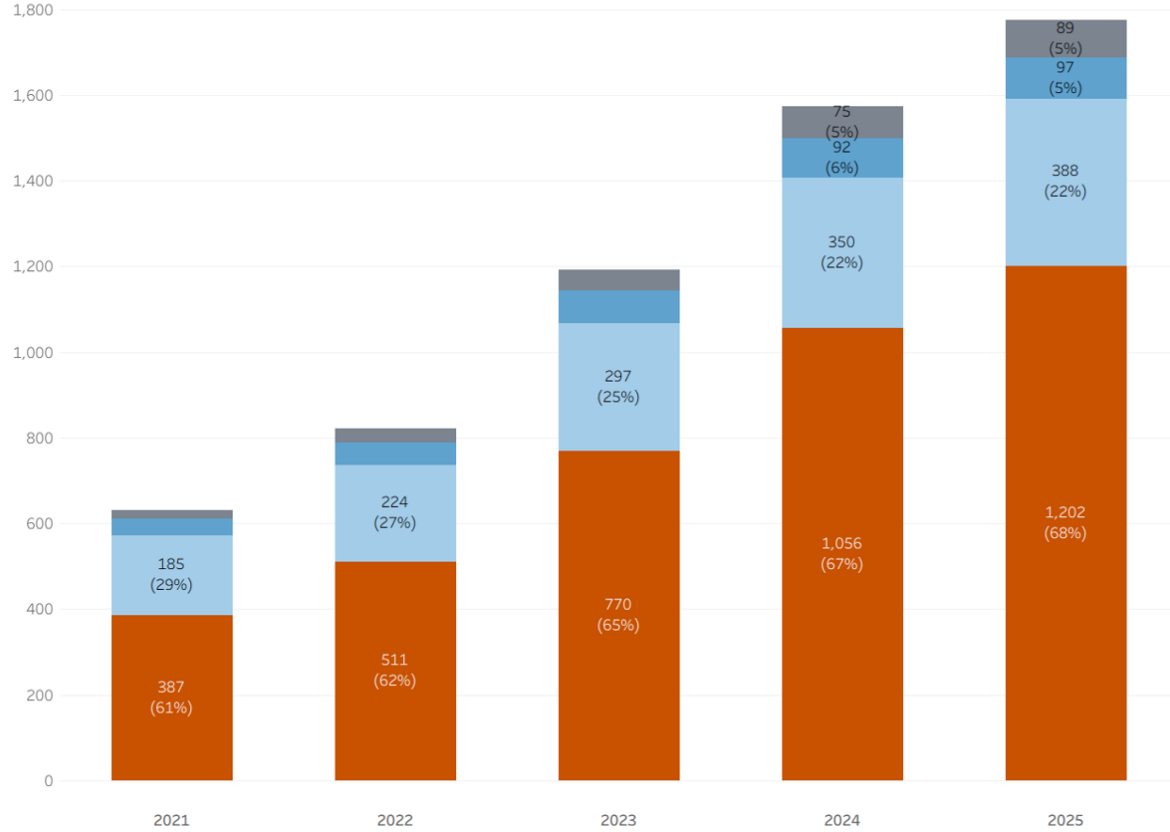
No. of Installations



Installed Capacity (MWp) by Sectors

Sector: Residential Public Service Agencies Town Councils & Public Housing .. Private Sector

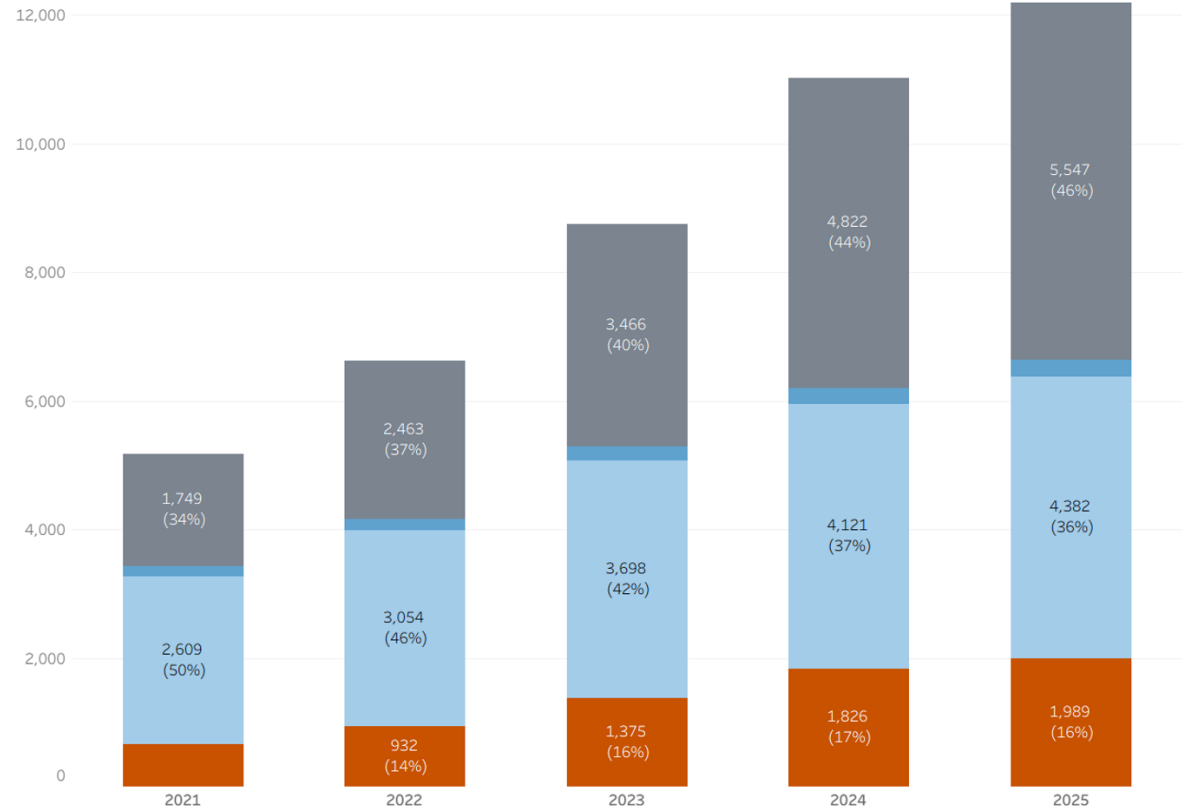
Installed Capacity (MWp)



No. of Installations by Sector

Sector: Residential Public Service Agencies Town Councils & Public Housing .. Private Sector

No. of Installations



INSTALLED CAPACITY OF GRID-CONNECTED SOLAR PV SYSTEMS, Q1 2021 – Q2 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	2025 Q2
Total	450.1	531.3	557.3	631.8	669.5	703.2	742.9	822.2	908.9	1,010.8	1,108.3	1,192.8	1,272.0	1,356.0	1,428.7	1,573.0	1,660.0	1,775.4
Residential	16.4	17.5	18.7	20.3	22.8	25.3	28.2	32.4	37.2	41.2	44.7	49.6	55.9	60.1	69.1	75.0	81.5	88.8
Non-Residential	433.8	513.9	538.6	611.5	646.7	677.9	714.8	789.8	871.7	969.6	1,063.6	1,143.3	1,216.1	1,295.8	1,359.5	1,497.9	1,578.5	1,686.6
Public Service Agencies	28.2	31.3	37.3	39.9	44.1	45.6	46.8	54.7	61.4	64.9	71.7	76.0	78.4	85.1	88.7	91.7	94.3	96.6
Town Councils & Public Housing Common S	167.2	171.8	178.6	185.1	189.2	196.7	206.6	224.1	238.9	262.0	279.2	297.4	309.4	327.3	335.5	350.0	361.5	388.1
Private Sector	238.4	310.9	322.7	386.5	413.4	435.6	461.3	511.0	571.3	642.7	712.7	769.9	828.3	883.4	935.3	1,056.2	1,122.7	1,201.9

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	2025 Q2
Total	346.6	409.1	429.1	486.5	515.5	541.4	572.1	633.1	699.8	778.3	853.4	918.5	979.4	1,044.1	1,100.1	1,211.2	1,278.2	1,367.0
Residential	12.6	13.4	14.4	15.6	17.6	19.5	21.7	25.0	28.6	31.7	34.4	38.2	43.0	46.3	53.2	57.8	62.7	68.4
Non-Residential	334.0	395.7	414.7	470.9	497.9	521.9	550.4	608.2	671.2	746.6	819.0	880.3	936.4	997.8	1,046.8	1,153.4	1,215.4	1,298.7
Public Service Agencies	21.7	24.1	28.7	30.8	34.0	35.1	36.1	42.1	47.3	50.0	55.2	58.5	60.4	65.5	68.3	70.6	72.6	74.4
Town Councils & Public Housing Common S	128.7	132.3	137.6	142.5	145.7	151.4	159.1	172.6	184.0	201.7	215.0	229.0	238.2	252.1	258.4	269.5	278.3	298.8
Private Sector	183.6	239.4	248.5	297.6	318.3	335.4	355.2	393.5	439.9	494.9	548.8	592.8	637.8	680.2	720.2	813.3	864.5	925.5

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 – Q2 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	2025 Q2
Total	4,588	4,748	4,961	5,179	5,447	5,734	6,114	6,629	7,126	7,687	8,188	8,754	9,323	9,863	10,521	11,025	11,485	12,188
Residential	1,492	1,563	1,650	1,749	1,903	2,055	2,227	2,463	2,741	2,982	3,180	3,466	3,812	4,054	4,524	4,822	5,145	5,547
Non-Residential	3,096	3,185	3,311	3,430	3,544	3,679	3,887	4,166	4,385	4,705	5,008	5,288	5,511	5,809	5,997	6,203	6,340	6,641
Public Service Agencies	131	140	151	160	168	172	174	180	187	196	204	215	220	233	245	256	263	270
Town Councils & Public Housing Common S	2,411	2,466	2,545	2,609	2,660	2,732	2,863	3,054	3,175	3,368	3,541	3,698	3,799	3,948	4,011	4,121	4,193	4,382
Private Sector	554	579	615	661	716	775	850	932	1,023	1,141	1,263	1,375	1,492	1,628	1,741	1,826	1,884	1,989

Source: SP PowerGrid Ltd (SPPG)

Note:

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