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Home Solar PV Report 2026

An analysis of residential solar panel
installation trends in Ireland from 2020-2025

A photograph of a modern, two-story white house with a dark grey roof. The house features several windows, some with dark shutters, and a large glass door on the ground floor. Solar panels are installed on the roof. The house is surrounded by greenery, and the sky is a mix of blue and white clouds. The sun is visible on the left side, creating a warm glow.

Home Solar PV Report 2026

With more than 100,000 Solar PV Scheme grants awarded to Irish households since 2020, the *EnergyEfficiency.ie Home Solar Report 2026* reflects on the past six years and presents new insights into residential solar PV adoption across every county.

Foreword



Briain Kelly

Editor, EnergyEfficiency.ie

Ireland has been late to the game when it comes to adopting solar power, but since 2020 the sector has exploded in size, with tens of thousands of homes getting solar panels installed each year.

The SEAI Solar PV Scheme has offered grant funding to almost all households seeking to install solar panels, covering a significant portion of the overall cost with very few strings attached.

There have been very positive changes in the market for solar panels in Ireland since 2020. The cost of installing rooftop solar panels fell by 39% per kWp in the space of five years, while the average system size has increased by 68%.

Removing Policy Barriers to Solar Growth

Government policies in recent years have helped make solar panels more accessible for Irish homeowners. This has been beneficial in both the time it takes for homeowners to recoup their investment and the number of panels they purchase.

Since October 2022, rooftop solar panels have been completely exempt from planning requirements, removing limits on the area they could cover before approval is needed.

From May 2023, VAT was also completely removed from domestic solar PV, cutting an estimated €1,000 from the price of the average household system at the time.

These changes have helped to drive down the entry price for investing in residential solar and enabled households to install more panels with fewer hurdles.

The SEAI's Solar PV Scheme, on which this report is based, and the more recent Home Energy Upgrade Loan Scheme, have also worked to reduce this financial barrier.

The results are plain to see, as the average size of a domestic solar PV system has increased from 4.25kWp in 2020 to 6.23kWp in 2025. This is a 68% increase in capacity over the space of 5 years.

Payback Periods Shrink as Prices Plummet

As the price of solar panels has plummeted over the past five years, they have become a far more lucrative investment for the average Irish household.

Someone who bought solar panels for their home in 2020 would have been told that it would take them 10 years to pay for themselves. Today, that payback period has shrunk to no more than 6 years for most households.

Rising electricity prices driven by global instability have also helped to increase the value of generating your own electricity.

Ireland has set a target of installing 8GW of solar energy by 2030, of which 2.5GW is to come from non-utility sources. Rooftop solar plays an important role in reaching this target, as it can be rapidly scaled up without the hurdles that come with larger projects.

Encouraging Domestic Solar Adoption

While the number of homes getting solar panels installed continues to increase each year, we are not experiencing the same explosive year-on-year growth that marked the first few years of the 2020s.

The number of homes installing solar panels in 2022 was 143% higher than the previous year. From 2022 to 2023, there was another 123% increase. In comparison, 2025 saw just 16% year-on-year growth in grant-aided solar installations.

While the absolute number of domestic solar installations is very positive, 33,042 in 2025 vs 2,916 in 2020, we must ensure that the momentum achieved in the first half of this decade is not lost.

While government action has helped to propel the growth of domestic solar, there is still a huge well of untapped potential. With more than 1 million homes suitable for solar panels in Ireland, more can be done to make people aware of how solar panels can reduce bills, while also driving Ireland's energy transition.

Methodology | Glossary

The EnergyEfficiency.ie Home Solar PV Report 2026 is the first report of its kind in Ireland to bring together extensive data on residential solar panel installations carried out with Solar PV Scheme grant support.

The report contains analysis of trends that are based on data provided by the Sustainable Energy Authority of Ireland (SEAI), and publicly available housing data from the Central Statistics Office.

The report is a comprehensive overview of residential solar PV adoption, grants, costs, and system sizes, providing homeowners, policymakers and industry stakeholders with fresh insights into the true state of residential solar in Ireland.

Using original data, this report contains an analysis of solar PV in every county in the Republic from January 2020 to December 2025.

Notes

- This report is based on monthly data related to residential solar PV grants, installation costs and installation capacity for each county from January 2020 to December 2025.
- Installations include those carried out with SEAI Solar PV Scheme grants only. Homes built from 2021 onwards are not eligible for Solar PV Scheme grants.
- Solar panels installed before 2020 are not included in this report.
- 'Installations' in this report refers to those supported by an SEAI Solar PV Scheme grant and include those with and without batteries.
- Limited battery adoption, size and cost data is taken from a random national sample of 300 Declaration of Works documents from 2023 to 2025. This is because cost figures with and without batteries could not be provided after the battery storage grant was discontinued in February 2022.
- For readability, some average cost figures have been rounded to the nearest euro. Some figures are rounded to one or two decimal places.
- Percentage increases/decreases may be calculated before rounding to one decimal place.

Glossary

Abbreviation	Meaning	Explanation
BESS	Battery Energy Storage System	Battery systems used to store surplus power generated by solar panels.
Q1	1st Quarter	The first three months of the year.
H1	1st Half	Q1 & Q2 of any given year.
kW	Kilowatt	One thousand watts of electrical power. Measures energy generated over a certain period.
kWp	Kilowatt Peak	Used to show the peak power output of a solar system or panel under ideal conditions. Measures a solar PV system's potential capacity.
MW	Megawatt	One million watts (or 1,000 kilowatts) of electrical power.
PV	Photovoltaic	Refers to the process of converting sunlight into electricity.
SEAI	Sustainable Energy Authority of Ireland	Ireland's national sustainable energy authority, which awards grants to homes and businesses for energy upgrades including solar panels.
VAT	Value Added Tax	Tax charged on goods and services.
W	Watt	A unit of power, equal to one joule per second. Used to indicate the power of an electrical appliance.

Over 100,000 grant aided home solar installations

January 2020 - December 2025

100,341

The number of home solar installations in Ireland between January 2020 and December 2025 with Solar PV Scheme grant support from the SEAI.

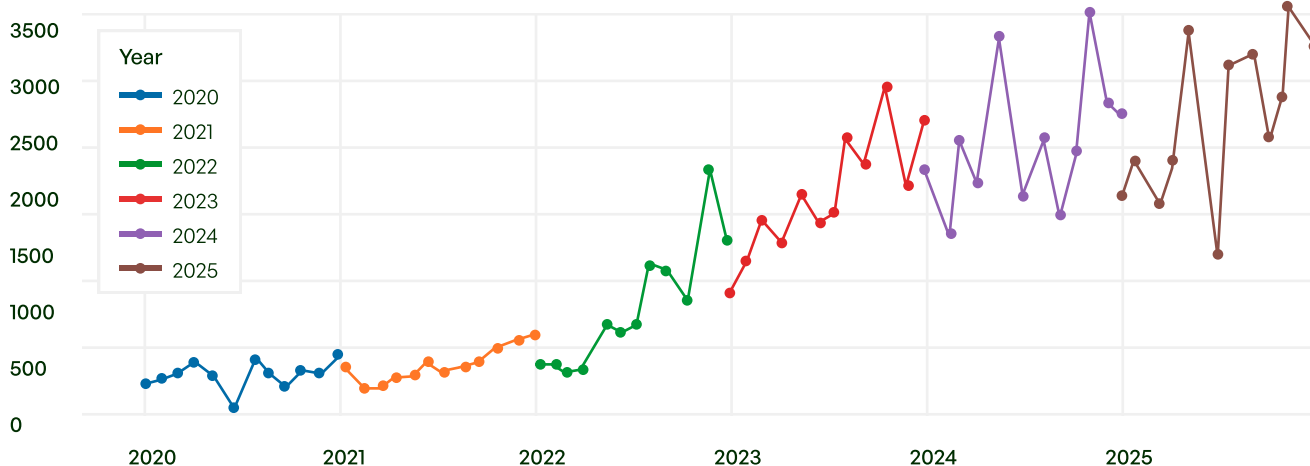
5.46%

The percentage of households in Ireland that received a grant for solar panels between January 2020 and December 2025.

15 panels

The median solar PV system size in 2025 was 6.42 kWp, equating to about 15 panels.

Monthly Installations 2020 - 2025



Number of home solar installations with grant support 2020 - 2025

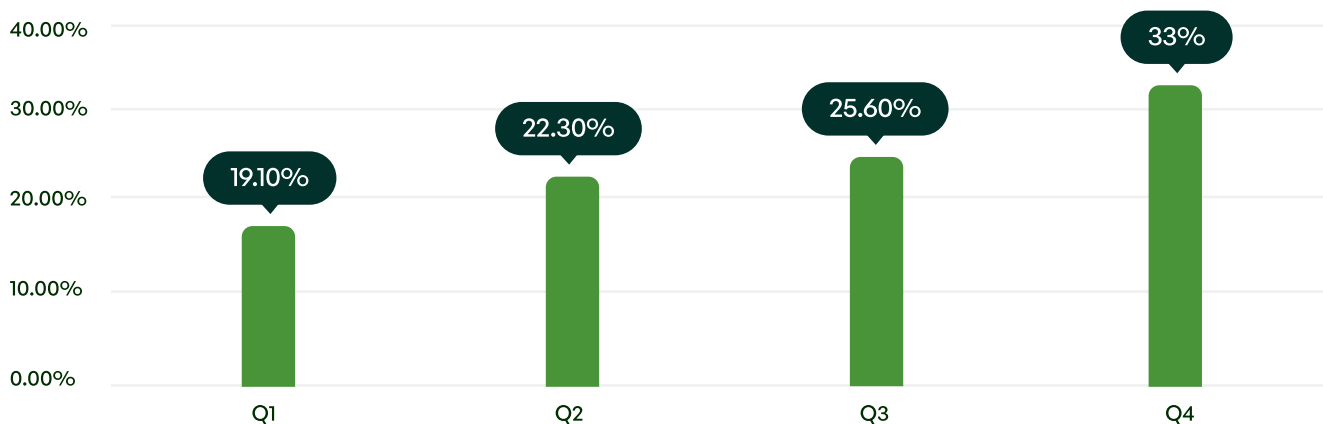
Month	2020	2021	2022	2023	2024	2025
January	205	308	394	1,038	2,075	2,227
February	218	124	390	1,323	1,515	2,425
March	236	129	338	1,622	2,418	2,214
April	307	204	352	1,460	2,048	2,465
May	202	216	615	1,839	3,267	3,370
June	25	325	595	1,607	1,866	1,695
July	394	292	650	1,655	2,363	3,147
August	211	337	1,075	2,343	1,615	3,217
September	146	392	1,035	2,090	2,265	2,511
October	267	515	946	2,775	3,532	2,801
November	249	592	2,057	1,920	2,784	3,604
December	456	642	1,471	2,512	2,687	3,366
Total Installations	2,916	4,076	9,918	22,184	28,435	33,042

33,042 Solar PV Scheme grants awarded in 2025

Nearly 1 in every 18 homes in Ireland received a Solar PV Scheme grant from January 2020 to December 2025. In some counties, the figure is around 1 home in 13, while in other counties the figure is just 1 in 26.

Over a third (33%) of all residential solar installations between 2020 and 2025 occurred in Q4. Fewer than one in five installations were carried out between January and March.

Percentage of solar installations carried out by Quarter – 2020-2025



A total of 22,184 residential solar installations were carried out in Ireland in 2023 – a 124% increase compared to 2022.

Growth remained strong in the first half of 2024, with a 48.4% increase in installations in the first 6 months of the year compared to 2023 (+4,300 installations).

Momentum tapered in Q3 2024, but with a stronger Q4 (over 9,000 installations), it was to become another record year for residential solar. The end-of-year annualised growth was 28.2%.

By the end of 2024, there had been 28,435 new solar arrays installed on homes nationwide.

Growth remained slow in the first months of 2025, despite an overall increase in installations compared to 2024.

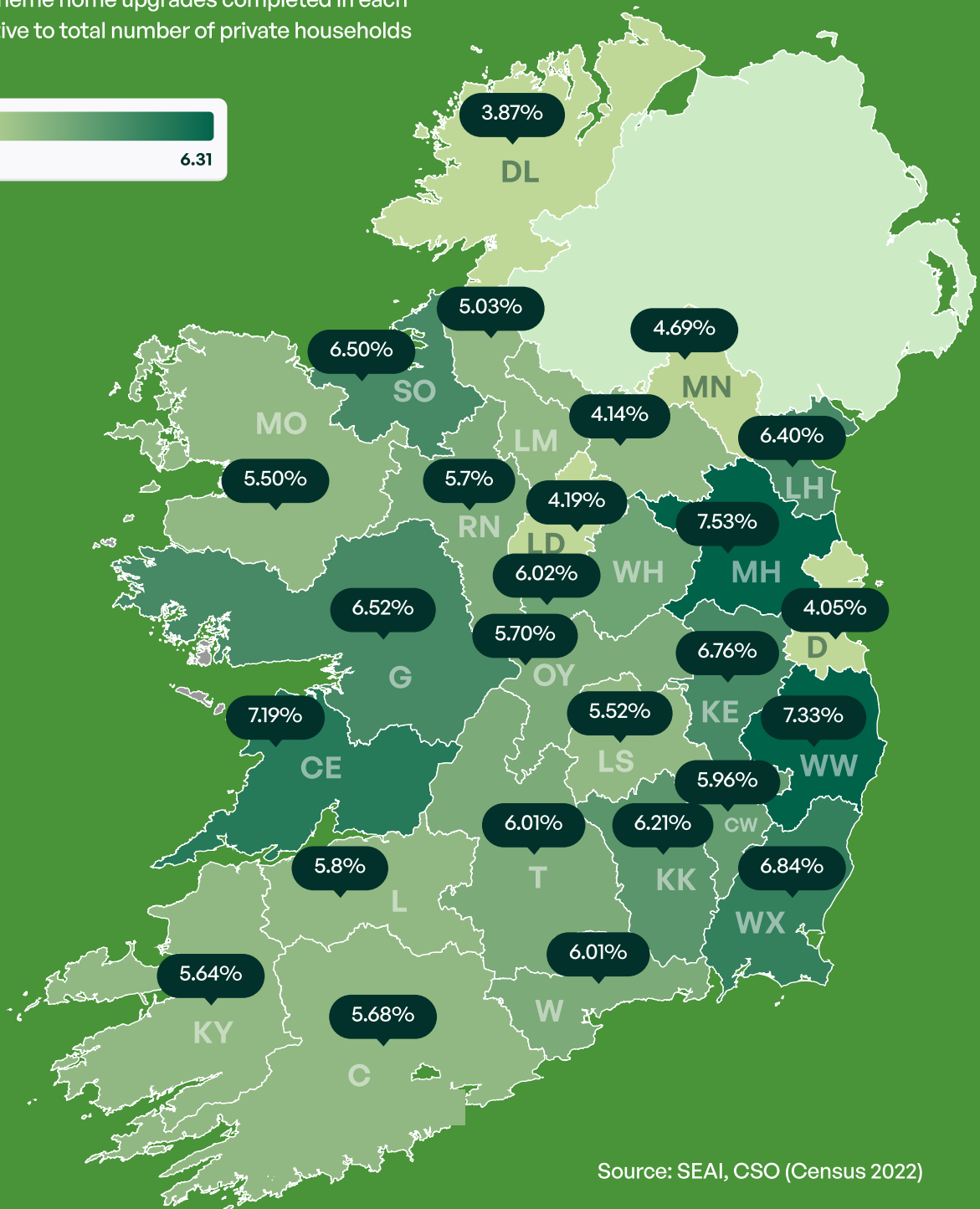
In the first half of 2025, 14,396 households received an Solar PV Scheme grant for solar panels – an increase of 9.2% on H1 2024. The second half of 2025 saw 18,646 grants awarded by the SEAI.

Installations Completed and % Annual Growth 2020-2025

Year	Installations	Y-o-Y % Increase
2020	2,916	-
2021	4,076	40%
2022	9,918	143%
2023	22,184	124%
2024	28,435	28%
2025	33,042	16%

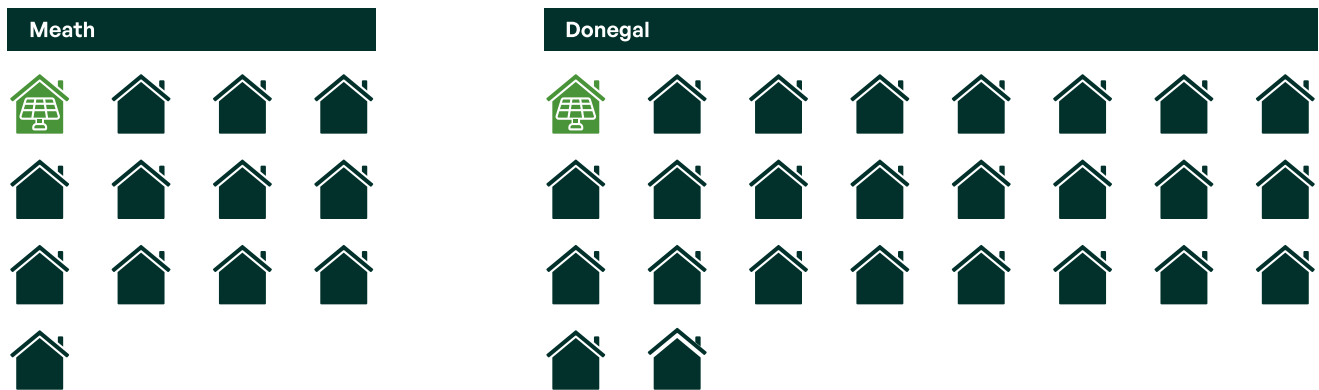
Percentage of Homes with Solar Panels 2020 - 2025

Solar PV Scheme home upgrades completed in each county relative to total number of private households



Source: SEAI, CSO (Census 2022)

In Meath, one home in every 13 received a grant, compared to one in every 26 households in Donegal.



Between 2020 and 2025, five counties recorded grant-assisted solar adoption rates of under 5% – Donegal (3.9%) Cavan (4.2%), Longford (4.2%), Dublin (4.4%), and Monaghan (4.7%).

The highest levels of uptake were recorded in Meath (7.5%), Wicklow (7.3%) and Clare (7.2%).

Nationally, one in 18 homes received a Solar PV Scheme grant over the six-year period (5.46% of homes).

In 2025, Co. Clare recorded the highest rate of installations at 2.5% (one in every 39 homes), followed by Limerick (one in 40) and Sligo (one in 44).

Percentage of Homes with Solar Panels 2020-2025

Highest Solar Coverage		Lowest Solar Coverage	
1 Meath	(7.46%)	1 Donegal	(3.87%)
2 Wicklow	(7.33%)	2 Longford	(4.05%)
3 Clare	(7.19%)	3 Dublin	(4.14%)
4 Wexford	(6.84%)	4 Monaghan	(4.19%)
5 Kildare	(6.76%)	5 Cavan	(4.69%)

Average solar panel installation almost 39% cheaper than 2020

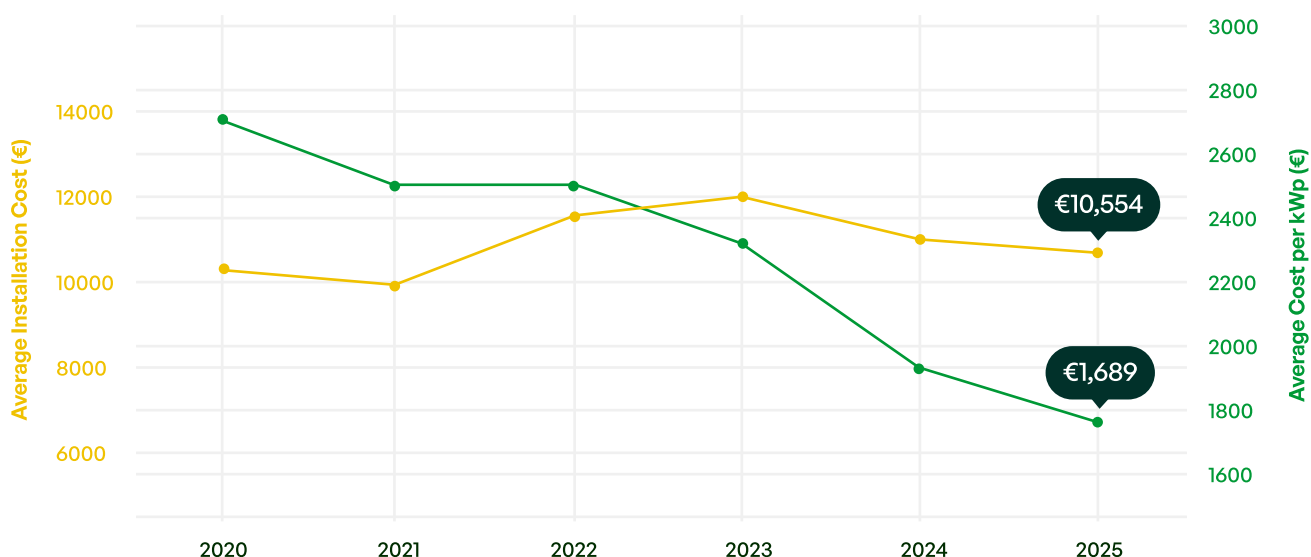
The average pre-grant cost of all solar installations which received a Solar PV Scheme grant in 2025 was €10,529. For systems without a battery, the estimated average cost in 2025 was slightly lower - around €9,450.

The overall cost per kWp of solar panels has fallen by over €1,000 over the past 6 years, from €2,762 in 2020 to €1,689 in 2025, as the average system size grew from 3.7 kWp to 6.2 kWp.

These figures include both battery and non-battery systems. For installations with batteries (around half of the total), the estimated total average cost in 2025 was roughly €12,800. These systems were typically larger in size than those without batteries.

Battery-equipped systems are typically €2,000 - €4,000 more expensive in total which means that around 10 - 15% is added to the cost per kWp.

Average cost of solar 2020 - 2025



Cost per kWp continues to fall

The cost per kWp of residential solar PV has decreased in 4 of the past 5 years.

Overall cost steady

The overall average cost has remained relatively stable since 2020, despite the average capacity for home solar installations more than doubling during this period.

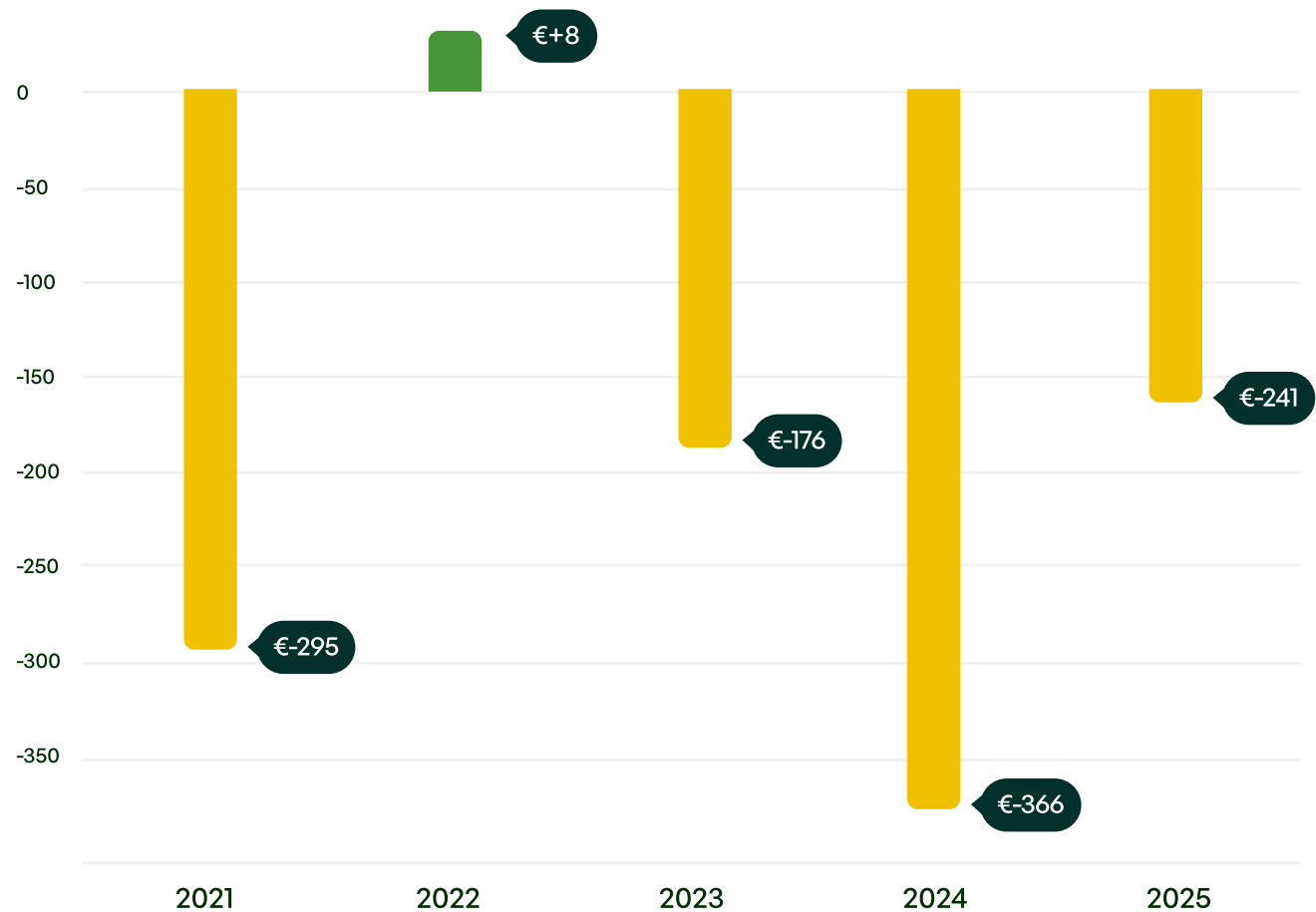
€1,000 less per kWp

The average cost of home solar systems fell by over €1,000 per kWp between 2020 and 2025.

Cost highest in Dublin

Dublin has had the highest average cost per kWp of solar since 2020. Dublin has also consistently had the lowest average installed capacity.

Year-on-Year Change in Solar Cost per kW (2020 - 2025)



Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger.

In some cases, costs may include additional works. Battery adoption may also vary between counties.

Nationwide Average Installation Cost

Average overall installation cost in 2025 by county. Batteries are included in around half of installations nationally. Adoption may vary by county.



Average Cost and System Size 2025

County	Average Cost per kWp	Average System Cost	Average Size
Carlow	€1,697.23	€10,736.82	6.33 kWp
Cavan	€1,623.14	€10,474.22	6.45 kWp
Clare	€1,682.21	€11,165.01	6.64 kWp
Cork	€1,649.41	€10,451.59	6.34 kWp
Donegal	€1,666.00	€10,865.78	6.52 kWp
Dublin	€1,893.19	€10,080.37	5.32 kWp
Galway	€1,640.54	€11,099.74	6.77 kWp
Kerry	€1,576.77	€10,701.77	6.79 kWp
Kildare	€1,728.14	€10,615.95	6.14 kWp
Kilkenny	€1,668.63	€11,040.79	6.62 kWp
Laois	€1,640.22	€10,826.67	6.6 kWp
Leitrim	€1,626.20	€10,111.14	6.22 kWp
Limerick	€1,622.37	€10,449.98	6.44 kWp
Longford	€1,736.69	€11,206.08	6.45 kWp
Louth	€1,678.18	€9,986.02	5.95 kWp
Mayo	€1,634.27	€10,887.25	6.66 kWp
Meath	€1,724.52	€10,603.77	6.15 kWp
Monaghan	€1,623.57	€10,438.63	6.43 kWp
Offaly	€1,609.40	€10,598.55	6.59 kWp
Roscommon	€1,642.21	€11,134.27	6.78 kWp
Sligo	€1,581.35	€9,742.50	6.16 kWp
Tipperary	€1,531.82	€10,459.34	6.83 kWp
Waterford	€1,647.32	€10,525.12	6.39 kWp
Westmeath	€1,677.73	€10,650.92	6.35 kWp
Wexford	€1,624.61	€10,427.11	6.42 kWp
Wicklow	€1,730.39	€10,955.82	6.33 kWp

Average rooftop solar system over 6kWp in 2025

Annual Increases

The average capacity of home solar PV installations in Ireland has increased annually by between 5.2% and 17.7% over the past 6 years.

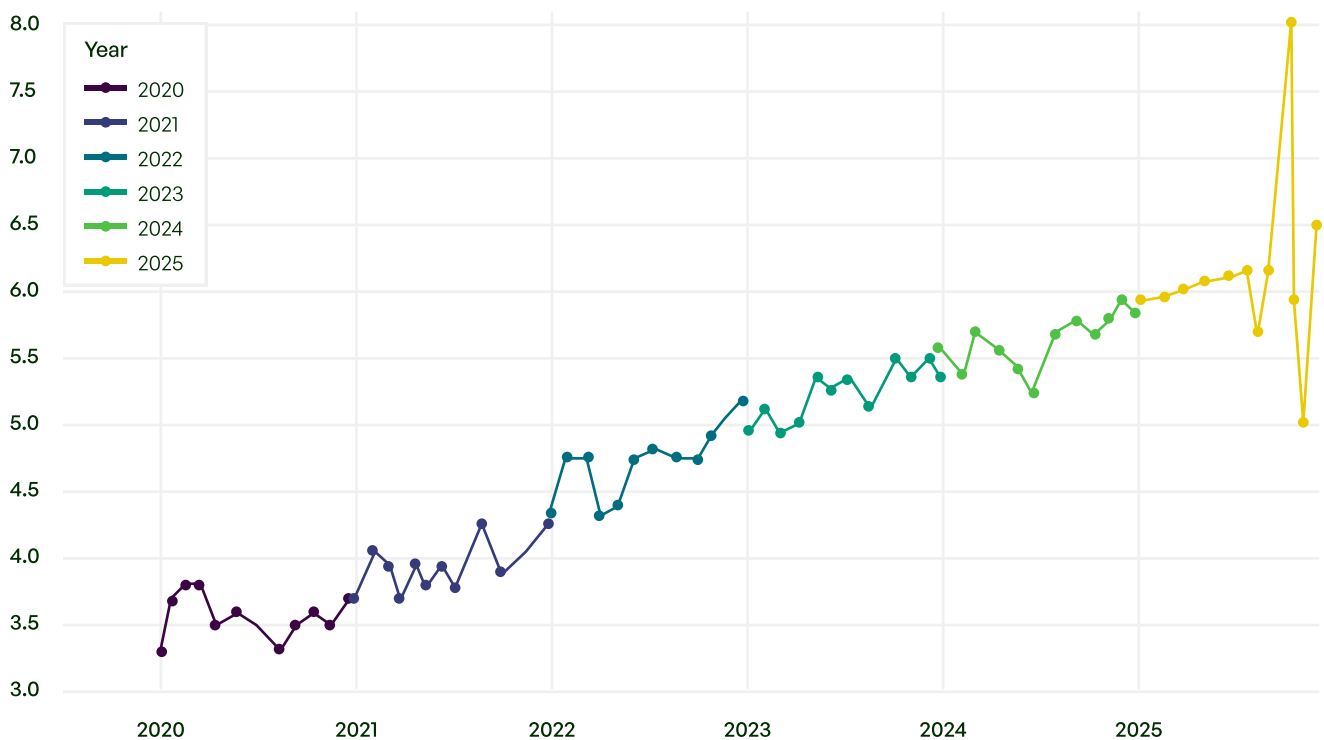
Larger Solar Systems

The average capacity of a residential solar PV system in Ireland in 2025 was 6.23kWp, compared to 3.7kWp in 2020.

Regional Trends

Dublin homes have installed the fewest solar panels on average since 2020, while most counties in the west average larger system sizes.

Monthly Average Solar Capacity (kWp) 2020-2025



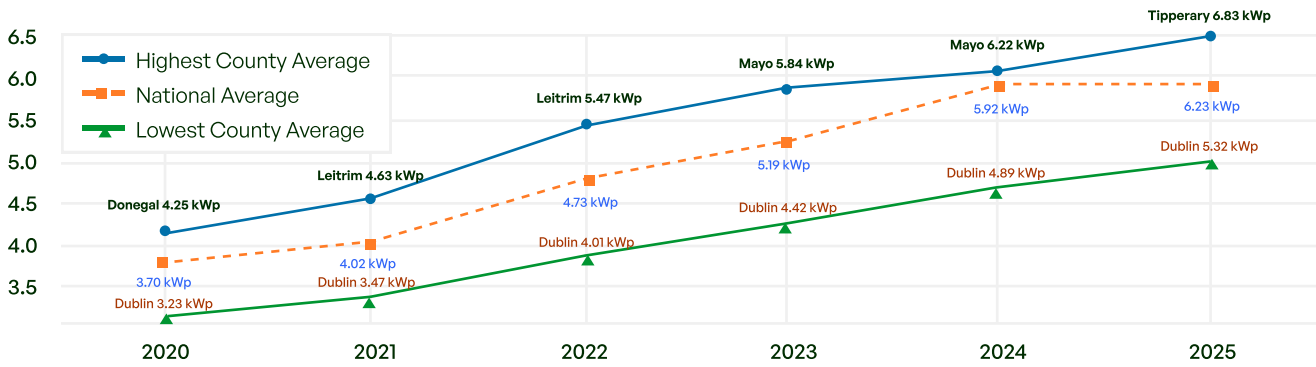
Solar PV systems 68% larger than 5 years ago

In 2020, households in Donegal installed the largest solar PV arrays in Ireland. Installations in the county averaged 4.25 kWp. In 2025, Dublin had the smallest average solar installation size at 5.3 kWp (around 12 panels), eclipsing the largest arrays in the country of just five years ago.

Homeowners in Connacht and Ulster typically install larger solar PV arrays than those in the east and south. Galway, Mayo, Donegal, Clare and Roscommon are consistently among the top 10 counties with the largest solar systems installed.

Tipperary households also install significantly more kW than counties in the east. Tipperary consistently competes with counties in the West for having the largest average residential solar arrays (6.8 kWp), topping the table in 2025

Average Solar PV System Sizes in Ireland 2020-2025



Average Home Solar Capacity 2020 - 2025

County	2020	2021	2022	2023	2024	2025
Carlow	4.17	4.05	4.67	5.35	5.67	6.33
Cavan	3.86	3.78	4.65	5.35	5.89	6.45
Clare	3.99	4.47	5.26	5.67	6.20	6.64
Cork	3.80	4.27	5.16	5.23	5.84	6.34
Donegal	4.25	4.33	5.18	5.23	6.13	6.52
Dublin	3.23	3.47	4.01	4.42	4.89	5.32
Galway	4.09	4.44	5.15	5.78	6.06	6.77
Kerry	3.90	4.08	4.88	5.65	6.06	6.79
Kildare	3.88	4.04	4.70	5.17	5.75	6.14
Kilkenny	3.88	4.20	4.80	5.54	6.17	6.62
Laois	3.91	4.01	4.73	5.30	5.90	6.60
Leitrim	3.52	4.63	5.47	5.23	5.81	6.22
Limerick	3.80	4.32	4.96	5.54	6.06	6.44
Longford	3.56	3.68	4.85	5.18	5.84	6.45
Louth	3.43	3.94	4.38	5.11	5.35	5.95
Mayo	4.00	3.92	5.11	5.84	6.22	6.66
Meath	3.56	4.05	4.63	5.22	5.50	6.15
Monaghan	3.79	3.98	4.77	5.32	5.96	6.43
Offaly	3.93	4.12	4.76	5.50	6.11	6.59
Roscommon	3.52	4.12	4.93	5.73	6.05	6.78
Sligo	3.92	4.57	5.22	5.49	5.81	6.16
Tipperary	4.15	4.18	5.28	5.79	6.19	6.83
Waterford	3.67	4.20	4.94	5.26	5.82	6.39
Westmeath	3.86	3.88	4.77	5.36	6.00	6.35
Wexford	3.62	4.20	4.64	5.27	5.89	6.42
Wicklow	3.69	3.96	4.50	5.10	5.75	6.33

A glance across Ireland...

Dublin

With the highest number of installations due to its population, the size of residential solar arrays in Dublin are smaller than anywhere else in Ireland. Solar panel systems in Dublin have ~ 4 fewer panels than those in the West on average.

The West

Homeowners in Connacht and Ulster typically install larger solar PV arrays than those in the east and south. Galway, Mayo, Donegal, Clare and Roscommon are consistently among the top 10 counties with the largest solar systems installed.

Tipperary

Tipperary households also install significantly more kW than counties in the east. Tipperary consistently competes with counties in the West for having the largest average residential solar arrays, topping the table in 2025 HI.

Solar without planning permission

The removal of planning permission requirements for rooftop solar PV installations on 5 October 2022 allowed homeowners to install unlimited panels on their homes for the first time.

Previously, a solar system could not cover more than 50% of the roof, or more than 12m² of roof space – around 6 or 7 panels – without planning permission.

The rules meant that the average installation in 2025 (6.23 kWp) would have required authorisation from the local authority pre-October '22.

The average size of solar installations is significantly larger in 2023 after planning requirements were removed the previous year

In January 2022, the average capacity of a solar panel installation was 4.25kWp. By December 2022, the average installation surpassed 5kWp in capacity.

The average installation size dipped in the first months of 2023, as it had the previous year in the same period. However from May, the average size remained above 5kWp.

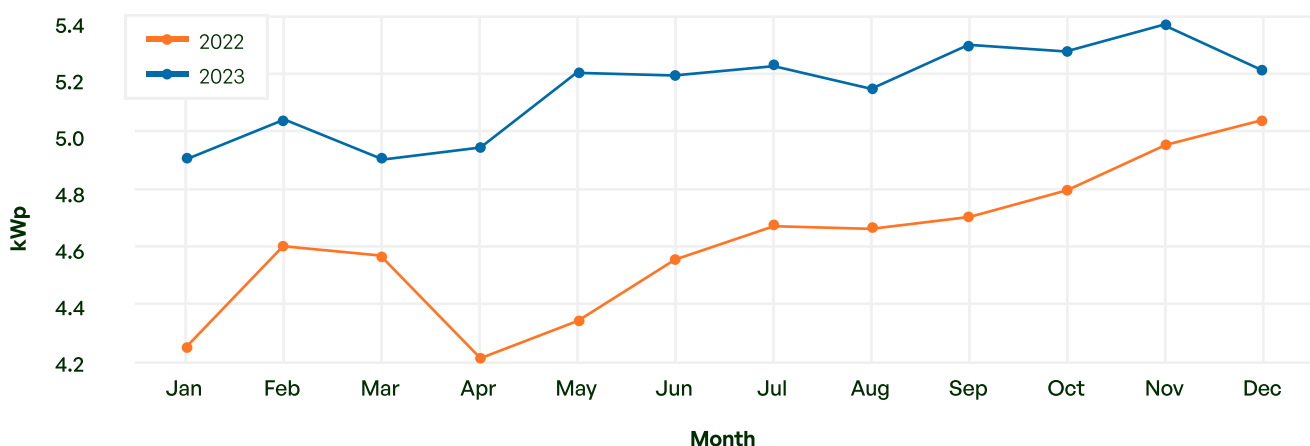
Average capacity increased in 2023

The size of solar installations also increased after planning requirements were removed in October 2022.

In 2022, the average capacity of a solar panel installation was 4.73kWp. In December 2022, the average installation surpassed 5kWp.

The average installation size dipped in the first months of 2023, however from May, the average size remained above 5kWp. It was not until April 2025 that the average installation surpassed 6kWp for the first time.

Average solar installation size by month 2022 vs 2023



VAT removal drives down the cost of solar

On May 1, 2023, the government removed VAT on domestic solar components, including solar panels, inverters, batteries and the installation itself.

Slashing the VAT rate from 13.5% to 0% was designed to reduce costs and encourage more homeowners to install panels.

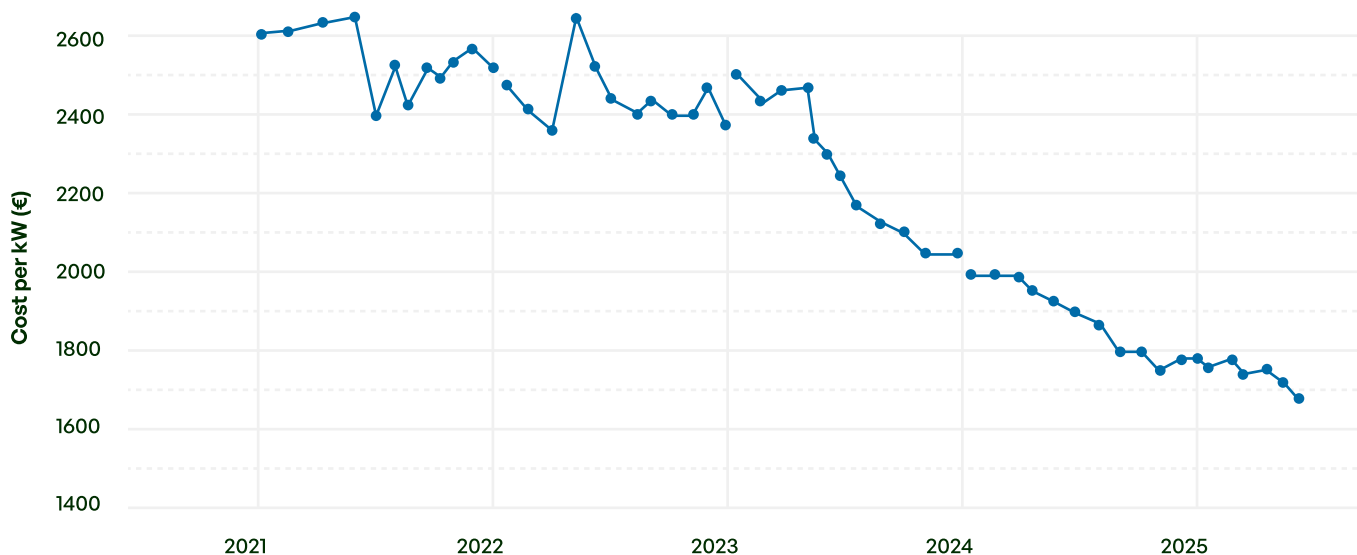
For most of 2022 and early 2023 the cost per kW of domestic solar PV systems had been in flux, with several months of declining prices followed by sharp spikes.

From early to mid-2023, prices began a steady decline, which has continued to the end of end of 2025.

Removing VAT resulted in solar panels becoming cheaper, which in turn led to an increase in solar adoption nationwide.

However the trend cannot be viewed in isolation, with other market trends, including a surge in the supply of solar modules, also playing a key role in solar becoming more affordable in Ireland and globally.

Average Cost per kWp



Cost per kWp is based on all installations – those which include batteries and those which do not. Battery storage is included in around 50% of installations.

Over €218 million awarded by the SEAI

The SEAI Solar PV Grant is paid directly to homeowners per kWp of solar power they are installing, up to a maximum ceiling of 4kWp. Anything installed beyond that is not eligible for grant aid.

The grant ceiling for this scheme was steadily being reduced each year for several years running. Initially the maximum grant available was €2,400. This was cut by €300 in 2024 to €2,100.

The grant was further reduced to a maximum of €1,800 in 2025. However, plans to continue lowering the grant cap were changed, and it was frozen at the same level for 2026.

The total value of grant payments under the Solar PV Scheme grew from €7,353,320 in 2020 to €62,266,815 in 2024. In 2025, just over €63 million was awarded by the SEAI for domestic solar panels.

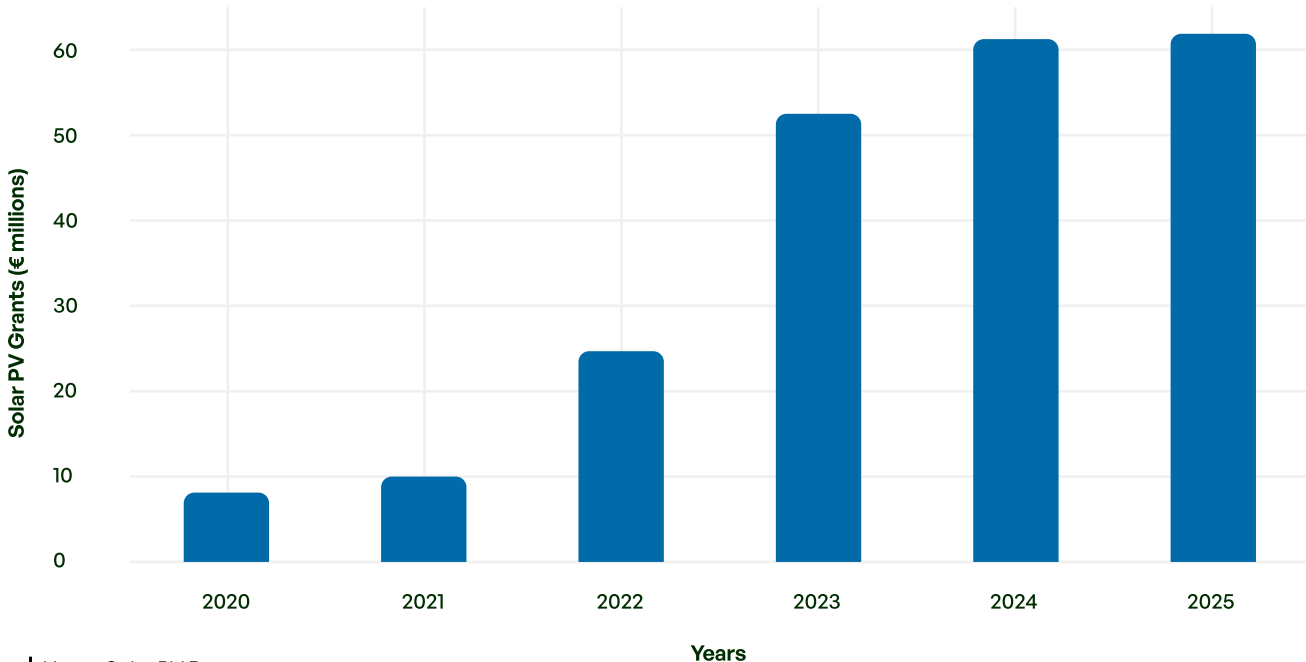
Overall, from 2020 to 2025, the SEAI awarded €218.6 million in grants under the Solar PV Scheme.

In 2025, the SEAI awarded domestic solar grants worth €63,051,810.

The total value of the solar PV scheme grew from €7,353,320 in 2020 to €62,266,815 in 2024. In 2025, €63,051,810 was awarded by the SEAI for domestic solar panels.

Overall, from 2020 to 2025, the SEAI awarded €218.6 million in grants under the Solar PV Scheme.

Total Solar PV Grants by Year



Leinster

2025 | Year-on-Year Change

Longford 2025 | Y-on-Y Change

Total Installations: 236 | +30.4%
 Installed Capacity: 1,522.8 kWp | +43.9%
 Average Cost / kW: €11,206.08 | -0.2%
 Average Grant: €1,899.85 | -13.1%
 Average Size: 6.45 kWp | +10.4%

Westmeath 2025 | Y-on-Y Change

Total Installations: 653 | +18.1%
 Installed Capacity: 4,145.5 kWp | +24.9%
 Average Cost / kW: €10,650.92 | -5.9%
 Average Grant: €1,908.16 | -14.0%
 Average Size: 6.35 kWp | +5.8%

Offaly 2025 | Y-on-Y Change

Total Installations: 569 | +18.8%
 Installed Capacity: 3,747.1 kWp | +27.9%
 Average Cost / kW: €10,598.55 | -4.8%
 Average Grant: €1,946.49 | -12.0%
 Average Size: 6.59 kWp | +7.8%

Laois 2025 | Y-on-Y Change

Total Installations: 548 | +13.0%
 Installed Capacity: 3,617.2 kWp | +26.5%
 Average Cost / kW: €10,826.67 | -3.4%
 Average Grant: €1,906.74 | -13.0%
 Average Size: 6.60 kWp | +11.9%

Kilkenny 2025 | Y-on-Y Change

Total Installations: 726 | +13.9%
 Installed Capacity: 4,803.7 kWp | +21.9%
 Average Cost / kW: €11,040.79 | -5.5%
 Average Grant: €1,922.58 | -13.2%
 Average Size: 6.62 kWp | +7.2%

Carlow 2025 | Y-on-Y Change

Total Installations: 395 | -5.7%
 Installed Capacity: 2,498.8 kWp | +5.3%
 Average Cost / kW: €10,736.82 | -2.1%
 Average Grant: €1,931.46 | -12.4%
 Average Size: 6.33 kWp | +11.7%

Louth 2025 | Y-on-Y Change

Total Installations: 909 | -8.5%
 Installed Capacity: 5,409.0 kWp | +1.8%
 Average Cost / kW: €9,986.02 | -1.9%
 Average Grant: €1,884.87 | -12.1%
 Average Size: 5.95 kWp | +11.2%

Meath 2025 | Y-on-Y Change

Total Installations: 1,585 | -7.3%
 Installed Capacity: 9,745.9 kWp | +3.6%
 Average Cost / kW: €10,603.77 | -1.2%
 Average Grant: €1,887.91 | -13.1%
 Average Size: 6.15 kWp | +11.8%

Dublin 2025 | Y-on-Y Change

Total Installations: 6,330 | +1.4%
 Installed Capacity: 33,704.3 kWp | +10.7%
 Average Cost / kW: €10,080.37 | -2.6%
 Average Grant: €1,884.04 | -12.3%
 Average Size: 5.32 kWp | +8.8%

Wicklow 2025 | Y-on-Y Change

Total Installations: 1,028 | -9.6%
 Installed Capacity: 6,508.7 kWp | -0.5%
 Average Cost / kW: €10,955.82 | -2.9%
 Average Grant: €1,909.01 | -13.5%
 Average Size: 6.33 kWp | +10.1%

Kildare 2025 | Y-on-Y Change

Total Installations: 1,844 | +25.4%
 Installed Capacity: 11,327.7 kWp | +33.8%
 Average Cost / kW: €10,615.95 | -3.3%
 Average Grant: €1,883.74 | -14.3%
 Average Size: 6.14 kWp | +6.8%

Wexford 2025 | Y-on-Y Change

Total Installations: 1,240 | +6.4%
 Installed Capacity: 7,958.6 kWp | +15.9%
 Average Cost / kW: €10,427.11 | -5.8%
 Average Grant: €1,914.41 | -13.6%
 Average Size: 6.42 kWp | +8.9%



Installations up 3.8%

Leinster saw 16,063 installations in 2025, up from 15,471 in 2024 — a 3.8% increase.

Average system cost down 2.9%

The average cost per installation fell from €10,730 in 2024 to €10,414 in 2025 (-2.9%). The cost per kW dropped from €1,988 to €1,761 (-11.4%).

System size increasing

New solar capacity installed rose from 83,493 kWp to 94,989 kWp, pushing the average system size from 5.40 kWp to 5.91 kWp (+9.4%).

Average grant down €280

The average grant declined from about €2,175 in 2024 to €1,895 in 2025 (-€280, -12.9%). Total grant support fell from €33.66 million to €30.45 million (-9.5%).

Connacht

2025 | Year-on-Year Change

Mayo 2025 Y-on-Y Change

Total Installations: 1096 | +35.0%
 Installed Capacity: 7301.4 kWp | +44.6%
 Average Cost / kW: €10,887.25 | -4.9%
 Average Grant: €1,936.09 | -13.4%
 Average Size: 6.66 kWp | +7.1%

Sligo 2025 | Y-on-Y Change

Total Installations: 606 | +50.4%
 Installed Capacity: 3733.5 kWp | +59.5%
 Average Cost / kW: €9,742.50 | -13.5%
 Average Grant: €1,945.58 | -12.7%
 Average Size: 6.16 kWp | +6.0%



Leitrim 2025 | Y-on-Y Change

Total Installations: 221 | +33.1%
 Installed Capacity: 1,374.1 kWp | +42.4%
 Average Cost / kW: €10,111.14 | -9.5%
 Average Grant: €1,926.56 | -13.2%
 Average Size: 6.22 kWp | +7.0%

Galway 2025 | Y-on-Y Change

Total Installations: 2047 | +6.9%
 Installed Capacity: 13,849.8 kWp | +19.3%
 Average Cost / kW: €11,099.74 | -0.2%
 Average Grant: €1,930.78 | -12.8%
 Average Size: 6.77 kWp | +11.6%

Roscommon 2025 | Y-on-Y Change

Total Installations: 441 | +7.5%
 Installed Capacity: 2,990 kWp | +20.5%
 Average Cost / kW: €11,134.27 | -1.9%
 Average Grant: €1,921 | -12.5%
 Average Size: 6.78 kWp | +12%

Installations up 19.1%

There were 4,411 installations with Solar PV Scheme grants in Connacht in 2025, up from 3,705 in 2024.

Average system cost down 3.8%

The average cost across all grant-supported solar PV installations fell from about €11,237 in 2024 to about €10,814 in 2025, a decrease of 3.8%. The cost per kW also declined from around €1,855 to €1,631 (-12.1%).

Average system size up 9.4%

New solar capacity installed rose from 22,444.3 kWp to 29,248.8 kWp, increasing the average system size from 6.06 kWp to 6.63 kWp.

Average grant down €285

The average grant dropped from about €2,218 in 2024 to about €1,933 in 2025 (-12.8%). Total grant support increased from €8.22m to €8.53m, driven by the higher number of installations.

Munster

2025 | Year-on-Year Change

Clare 2025 Y-on-Y Change

Total Installations: 1,197 | +30.4%
 Installed Capacity: 7,944.6 kWp | +39.7%
 Average Cost / kW: €11,165.01 | -5.0%
 Average Grant: €1,932.08 | -12.9%
 Average Size: 6.64 kWp | +7.1%

Tipperary 2025 | Y-on-Y Change

Total Installations: 1,376 | +35.4%
 Installed Capacity: 9,395.4 kWp | +49.5%
 Average Cost / kW: €10,459.34 | -3.6%
 Average Grant: €1,902.06 | -13.3%
 Average Size: 6.83 kWp | +10.3%

Kerry 2025 | Y-on-Y Change

Total Installations: 1,190 | +25.9%
 Installed Capacity: 8,076.7 kWp | +41.0%
 Average Cost / kW: €10,701.77 | -4.8%
 Average Grant: €1,935.71 | -11.6%
 Average Size: 6.79 kWp | +12.0%

Waterford 2025 | Y-on-Y Change

Total Installations: 1,040 | +36.7%
 Installed Capacity: 6,644.8 kWp | +49.9%
 Average Cost / kW: €10,525.12 | -6.2%
 Average Grant: €1,912.39 | -13.2%
 Average Size: 6.39 kWp | +9.8%

Cork 2025 | Y-on-Y Change

Total Installations: 4,331 | +37.6%
 Installed Capacity: 27,443.7 kWp | +49.3%
 Average Cost / kW: €10,451.59 | -6.8%
 Average Grant: €1,912.05 | -13.1%
 Average Size: 6.34 kWp | +8.5%

Limerick 2025 | Y-on-Y Change

Total Installations: 1,918 | +67.1%
 Installed Capacity: 12,354.2 kWp | +77.6%
 Average Cost / kW: €10,449.98 | -6.1%
 Average Grant: €1,917.72 | -13.2%
 Average Size: 6.44 kWp | +6.3%



Installations up 39.3%

There were 11,052 installations with Solar PV Scheme grants in Munster in 2025, up from 7,933 in 2024 – a 39.3% increase.

Average system cost down 16.7%

The average cost per installation fell from €11,222 in 2024 to €10,563 in 2025 – a decrease of 16.7%. Cost per kW also dropped from €1,875 to €1,624 (-13.4%).

Average system size up 13.8%

New solar capacity installed rose from 47,468.2 kWp to 71,859.4 kWp, increasing the average system size from 5.98 kWp to 6.50 kWp – a 13.8% rise.

Average grant down €330

The average grant fell from €2,201 in 2024 to €1,917 in 2025 (-€284, -12.9%). Total grant support increased from €17.47m to €21.18m due to the surge in installations.

Ulster

2025 | Year-on-Year Change

Donegal

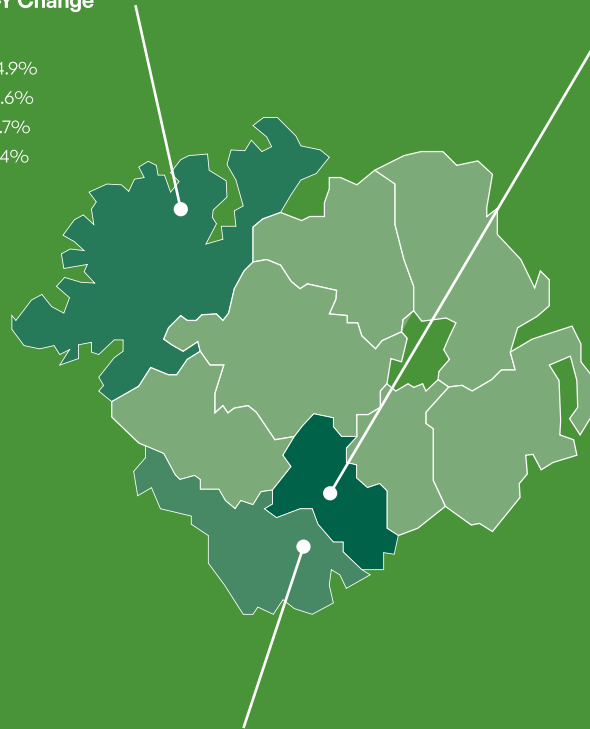
2025 | Y-on-Y Change

Total Installations: 793 | +17.3%
 Installed Capacity: 5172 kWp | +24.9%
 Average Cost / kW: €10,865.78 | -8.6%
 Average Grant: €1,909.28 | -13.7%
 Average Size: 6.52 kWp | +6.4%

Monaghan

2025 | Y-on-Y Change

Total Installations: 132 | +7.3%
 Installed Capacity: 855.7 kWp | +22.2%
 Average Cost / kW: €1,640.75 | -16.4%
 Average Grant: €2,021.59 | -11.9%
 Average Size: 6.48 kWp | +13.9%



Cavan

2025 | Y-on-Y Change

Total Installations: 407 | +4.4%
 Installed Capacity: 2626.4 kWp | +14.4%
 Average Cost / kW: €10,474.22 | -5.0%
 Average Grant: €1,912.26 | -12.7%
 Average Size: 6.45 kWp | +9.6%

Installations up 3.8%

There were 16,063 installations with Solar PV Scheme grants in Leinster in 2025, up from 15,471 in 2024 – a 3.8% increase.

Average system cost down 2.9%

The average cost across all grant-supported solar PV installations fell from €10,730 in 2024 to €10,414 in 2025, a decrease of 2.9%. The cost per kW also dropped from €1,988 to €1,761 (-11.4%).

Average system size up 9.4%

New solar capacity installed rose from 83,493 kWp to 94,989 kWp, increasing the average system size from 5.40 kWp to 5.91 kWp – a 9.4% rise.

Average grant down €280

The average grant fell from €2,175 in 2024 to €1,895 in 2025 (-12.9%). Total grant support declined from €33.66m to €30.45m (-9.5%).

Carlow

January 2020 to December 2025

5.96% of Carlow households received a home solar grant from the SEAI between January 2020 and December 2025



1,322

installations

A total of 1,322 homes in Carlow (6% of households) received grant funding from the SEAI's Solar PV Scheme.

Cost down by

40.2%

The average cost per kWp of domestic solar panels in 2025 was €1,697, compared with €2,836 in 2020 – a 40.2% reduction.

€2.9m

awarded

The SEAI granted €2.91 million to households in Carlow for home solar installations under the Solar PV Scheme.



7,378 kWp

Installed

The total capacity of residential solar installed in Co. Carlow between 2020 and 2025 is 7,378.2 kWp.

€14.8m

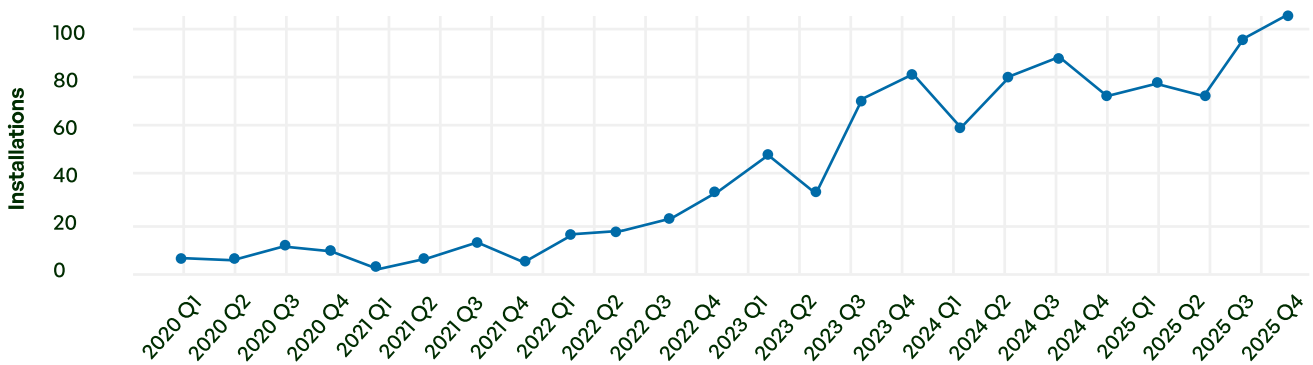
Total spend

A total of €14.83 million was spent on home solar panels by households in Co. Carlow during the period.

Average Size Increases

The average size of a solar panel installation has increased from 4.17 kWp in 2020 to 6.33 kWp in 2025 (+51.7%)

Solar PV Installations in Carlow 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Cavan

January 2020 to December 2025

4.94% of Cavan households received a home solar grant from the SEAI between January 2020 and December 2025



1,422

installations

A total of 1,422 homes in Cavan (4.94% of households) received grant funding from the SEAI's Solar PV Scheme.

Cost down

37.7%

The average cost per kWp of domestic solar panels in 2025 was €1,623, compared with €2,605 in 2020 – a 37.7% reduction.

€3.1m

awarded

The SEAI granted €3.08 million to households in Cavan for home solar installations under the Solar PV Scheme.



Installed

7,923 kWp

The total capacity of residential solar installed in Co. Cavan between 2020 and 2025 was 7,923.1 kWp

€15.6m

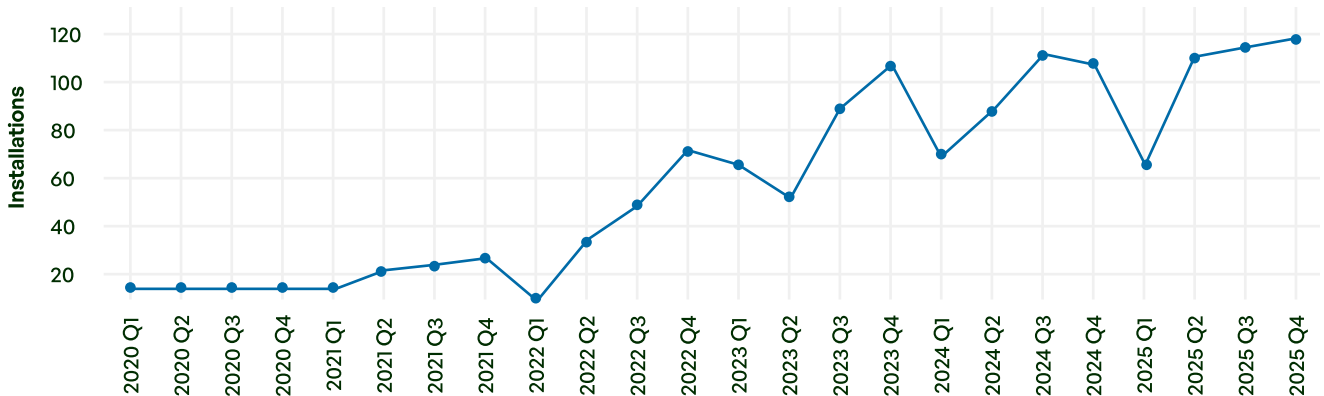
Total spend

A total of €15.59 million was spent on home solar panels by households in Co. Cavan during the period.

Average Size Increases

The average size of a solar panel installation increased from 3.86 kWp in 2020 to 6.45 kWp in 2025 (+67.2%).

Solar PV Installations in Cavan 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Clare

January 2020 to December 2025

7.19% of Clare households received a home solar grant from the SEAI between January 2020 and December 2025



3,338

installations

A total of 3,338 homes in Clare (7.19% of households) received grant funding from the SEAI's Solar PV Scheme.

39%

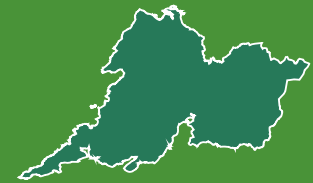
Cost down

The average cost per kWp of domestic solar panels in 2025 was €1,682, compared with €2,758 in 2020 – a 39% reduction.

€7.4m

awarded

The SEAI granted €7.36 million to households in Clare for home solar installations under the Solar PV Scheme.



Installed

20 MW

The total capacity of residential solar installed in Co. Clare between 2020 and 2025 was 20,215.2 kWp.

€39 m

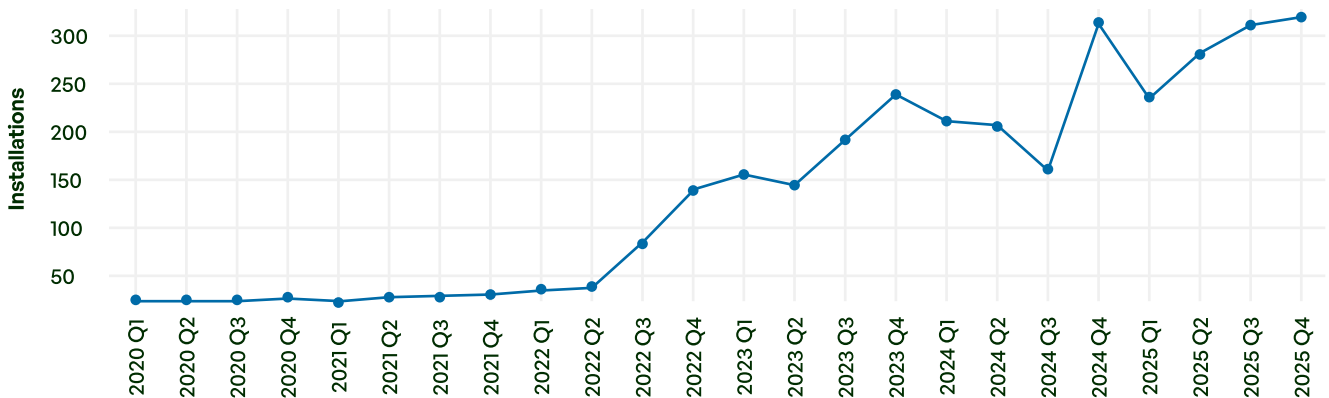
Total spend

A total of €39.01 million was spent on home solar panels by households in Co. Clare during the period.

Average Size Increases

The average size of a solar panel installation increased from 3.99 kWp in 2020 to 6.64 kWp in 2025 (+66.4%).

Solar PV Installations in Clare 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Cork

January 2020 to December 2025

5.68% of Cork households received a home solar grant from the SEAI between January 2020 and December 2025



11,973

installations

A total of 11,973 homes in Cork (5.68% of households) received grant funding from the SEAI's Solar PV Scheme.

39.4%

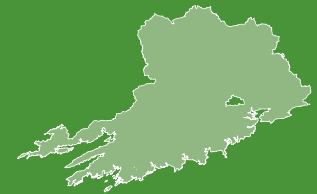
Cost down

The average cost per kWp of domestic solar panels in 2025 was €1,649, compared with €2,719 in 2020 – a 39.4% reduction.

€26.3m

awarded by SEAI

The SEAI granted €26.26 million to households in Cork for home solar installations under the Solar PV Scheme.



68,461 kWp

installed

The total capacity of residential solar installed in Co. Cork between 2020 and 2025 was 68,460.8 kWp.

€134.2m

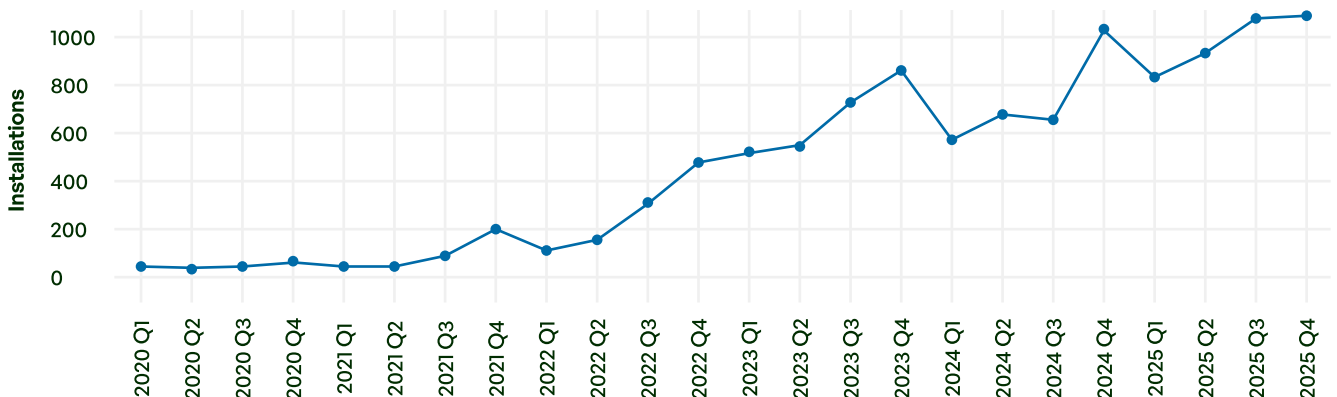
Total spend

A total of €134.20 million was spent on home solar panels by households in Co. Cork during the period.

Average Size Increases

The average size of a solar panel installation increased from 3.80 kWp in 2020 to 6.34 kWp in 2025 (+66.7%).

Solar PV Installations in Cork 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Donegal

January 2020 to December 2025

3.87% of Donegal households received a home solar grant from the SEAI between January 2020 and December 2025



2,380

installations

A total of 2,380 homes in Donegal (3.87% of households) received grant funding from the SEAI's Solar PV Scheme.

24.1%

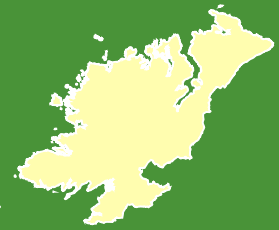
Cost down

The average cost per kWp of domestic solar panels in 2025 was €1,666, compared with €2,195 in 2020 – a 24.1% reduction.

€5.2m

awarded by SEAI

The SEAI granted €5.22 million to households in Donegal for home solar installations under the Solar PV Scheme.



14,240 kWp

installed

The total capacity of residential solar installed in Co. Donegal between 2020 and 2025 was 14,240.2 kWp.

€26.8m

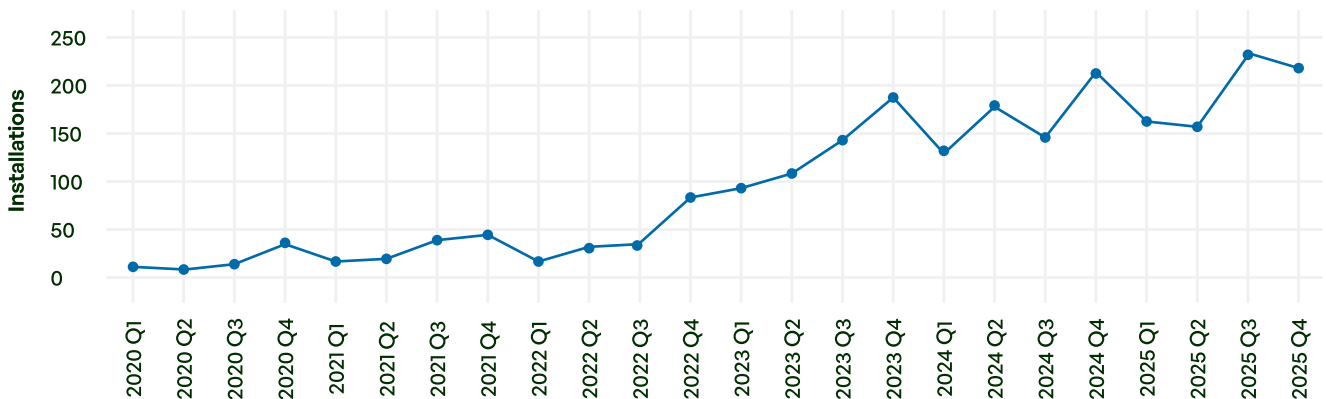
Total spend

A total of €26.82 million was spent on home solar panels by households in Co. Donegal during the period.

Average Size Increases

The average size of a solar panel installation increased from 4.25 kWp in 2020 to 6.52 kWp in 2025 (+53.5%).

Solar PV Installations in Donegal 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Dublin

January 2020 to December 2025

4.05% of Dublin households received a home solar grant from the SEAI between January 2020 and December 2025



21,011

installations

A total of 21,011 homes in Dublin (4.05% of households) received grant funding from the SEAI's Solar PV Scheme.

35.6%

Cost down

The average cost per kWp of domestic solar panels in 2025 was €1,893, compared with €2,940 in 2020 – a 35.6% reduction.

€44.8m

awarded by SEAI

The SEAI granted €44.79 million to households in Dublin for home solar installations under the Solar PV Scheme.



100 MW

installed

The total capacity of residential solar installed in Co. Dublin between 2020 and 2025 was 100,000 kWp (100 MW).

€219.3m

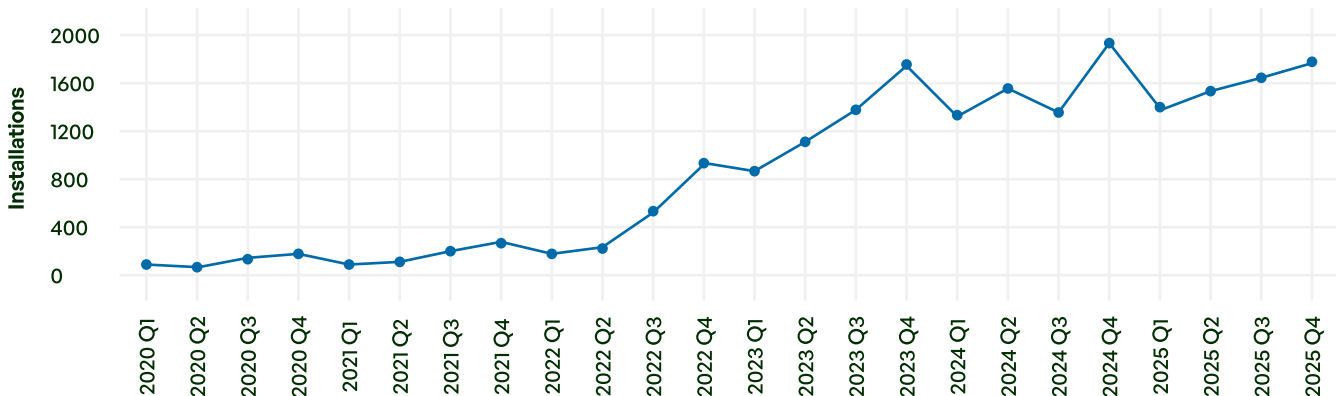
Total spend

A total of €219.34 million was spent on home solar panels by households in Co. Dublin during the period.

Average Size Increases

The average size of a solar panel installation increased from 3.23 kWp in 2020 to 5.32 kWp in 2025 (+64.8%).

Solar PV Installations in Dublin 2020 - 2025



i Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Galway

January 2020 to December 2025

6.5% of Galway households received a home solar grant from the SEAI between January 2020 and December 2025



6,428

installation

A total of 6,428 homes in Galway (6.5% of households) received grant funding from the SEAI's Solar PV Scheme.

36.7%

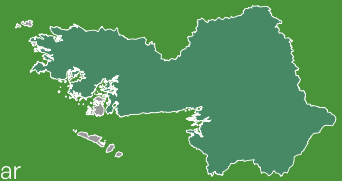
Cost down

The average cost per kWp of domestic solar panels in 2025 was €1,641, compared with €2,590 in 2020 – a 36.7% reduction.

€14.2m

awarded in grants

The SEAI granted €14.21 million to households in Galway for home solar installations under the Solar PV Scheme.



38,709 kWp

installed

The total capacity of residential solar installed in Co. Galway between 2020 and 2025 was 38,708.7 kWp.

€73.5m

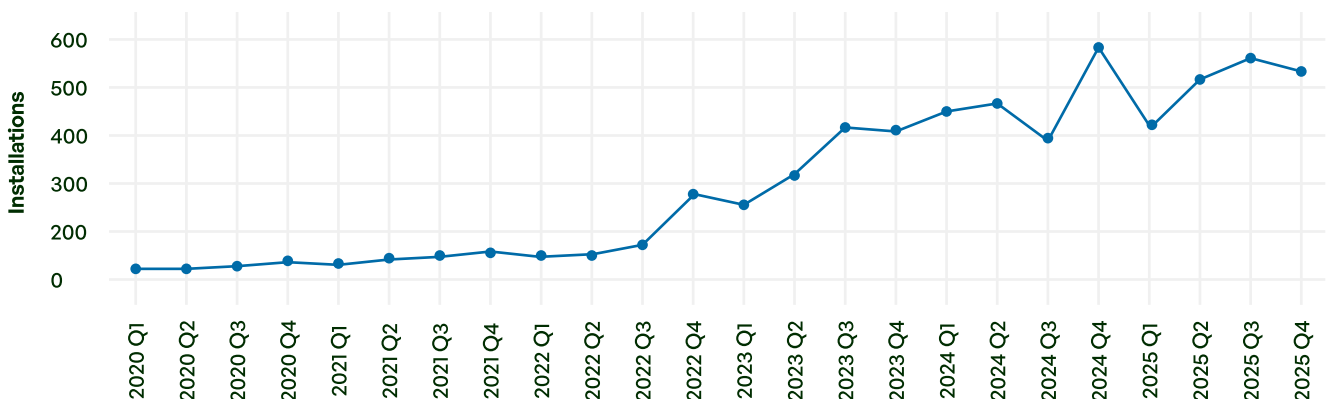
Total spend

A total of €73.55 million was spent on home solar panels by households in Co. Galway during the period.

Average Size Increases

The average size of a solar panel installation increased from 4.09 kWp in 2020 to 6.77 kWp in 2025 (+65.4%).

Solar PV Installations in Galway 2020 - 2025



i Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Kerry

January 2020 to December 2025

5.65% of Kerry households received a home solar grant from the SEAI between January 2020 and December 2025



3,284

installations

A total of 3,284 homes in Kerry (5.65% of households) received grant funding from the SEAI's Solar PV Scheme.

44.7%

Cost down

The average cost per kWp of domestic solar panels in 2025 was €1,577, compared with €2,848 in 2020 – a 44.7% reduction.

€7.2m

Awarded

The SEAI granted a total of €7.16 million to households in Kerry for home solar installations under the Solar PV Scheme.



20 MW

installed

The total capacity of residential solar installed in Co. Kerry between 2020 and 2025 was 19,761.2 kWp.

€36.8m

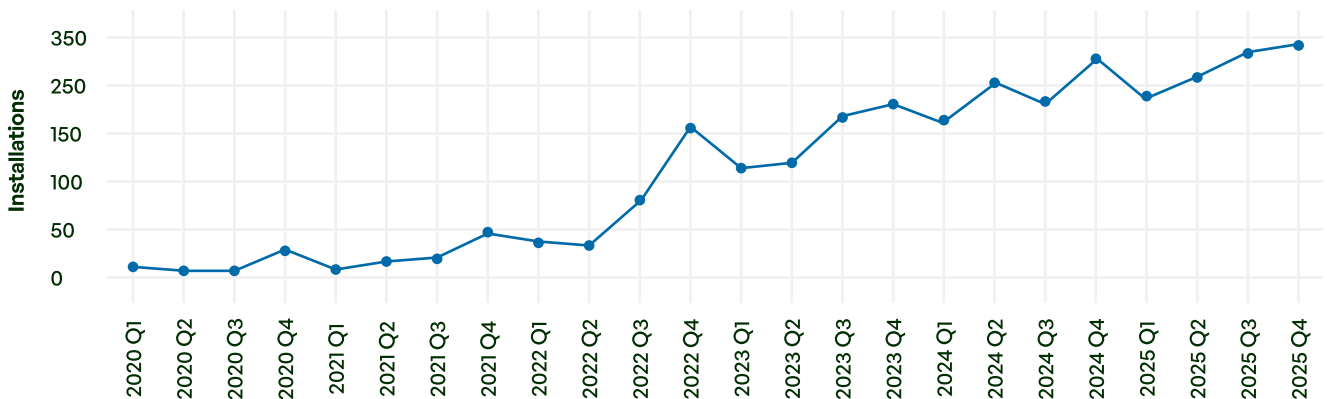
Total spend

A total of €36.79 million was spent on home solar panels by households in Co. Kerry during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.9 kWp in 2020 to 6.79 kWp in 2025 (+74.0%).

Solar PV Installations in Kerry 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Kildare

January 2020 to December 2025

6.76% of Kildare households received a home solar grant from the SEAI between January 2020 and December 2025



5,578

installations

A total of 5,578 homes in Kildare (6.76% of households) received grant funding from the SEAI's Solar PV Scheme.

39%

Cost down

The average cost per kWp of domestic solar panels in 2025 was €1,728, compared with €2,835 in 2020 – a 39.0% reduction.

€12.1m

awarded by SEAI

The SEAI provided €12,119,871 in grant support to households in Kildare for home solar installations



30,618 kWp

installed

Residential solar capacity in Co. Kildare between 2020 and 2025 reached 30,618.3 kWp.

€62.3m

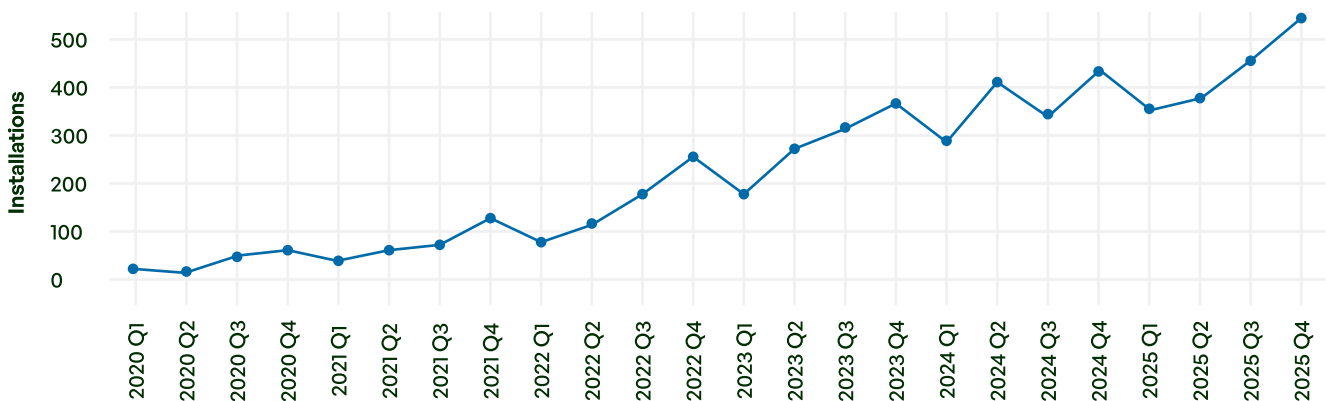
Total spend

A total of €62.3 million was spent on home solar panels by households in Co. Kildare during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.88 kWp in 2020 to 6.14 kWp in 2025 (+58.3%).

Solar PV Installations in Kildare 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Kilkenny

January 2020 to December 2025

6.21% of Kilkenny households received a home solar grant from the SEAI between January 2020 and December 2025



2,278

installations

A total of 2,278 homes in Kilkenny (6.21% of households) received grant funding from the SEAI's Solar PV Scheme.

36.9%

Cost down

The average cost per kWp of grant assisted domestic solar panel systems in the county in 2025 was €1,669, compared with €2,643 in 2020 – a 36.9% reduction.

€5.0m

awarded by SEAI

The SEAI provided €5,006,215 in grant support to households in Kilkenny for home solar installations.



13,386 kWp

installed

Residential solar capacity in Co. Kilkenny between 2020 and 2025 reached 13,386.1 kWp.

€26.2m

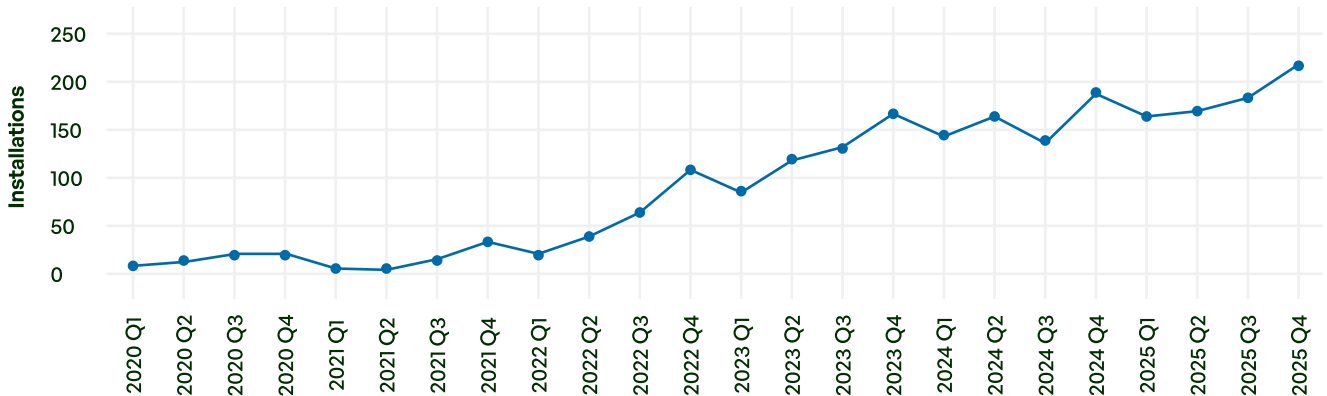
Total spend

A total of €26,236,269 was spent on home solar panels by households in Co. Kilkenny during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.88 kWp in 2020 to 6.62 kWp in 2025 (+70.5%).

Solar PV Installations in Kilkenny 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Laois

January 2020 to December 2025

5.52% of Laois households received a home solar grant from the SEAI between January 2020 and December 2025



1,717

installations

A total of 1,717 homes in Laois (5.52% of households) received grant funding from the SEAI's Solar PV Scheme.

41.9%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,640, compared with €2,822 in 2020 – a 41.9% reduction.

€3.7m

Awarded

The SEAI provided €3,746,911 in grant support to households in Laois for home solar installations.



9,792 kWp

installed

Residential solar capacity in Co. Laois between 2020 and 2025 reached 9,791.5 kWp.

€19.5m

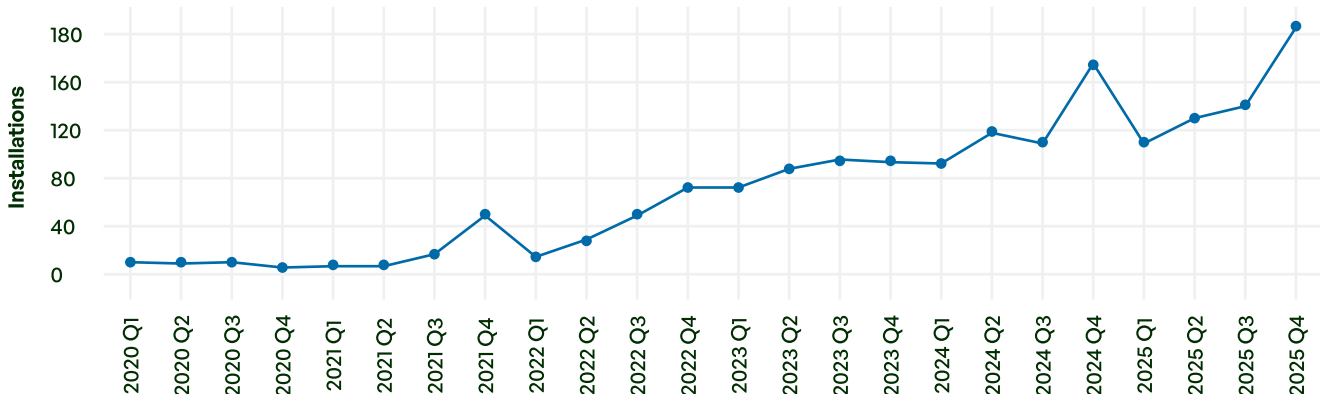
Total spend

A total of €19,478,588.26 was spent on home solar panels by households in Co. Laois during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.91 kWp in 2020 to 6.6 kWp in 2025 (+68.8%).

Solar PV Installations in Laois 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Leitrim

January 2020 to December 2025

5.03% of Leitrim households received a home solar grant from the SEAI between January 2020 and December 2025



684

installations

A total of 684 homes in Leitrim (5.03% of households) received grant funding from the SEAI's Solar PV Scheme.

39%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,626, compared with €2,664 in 2020 – a 39.0% reduction.

€1.52m

Awarded

The SEAI provided €1,520,625 in grant support to households in Leitrim for home solar installations.



3,847 kWp

installed

Residential solar capacity in Co. Leitrim between 2020 and 2025 reached 3,847.0 kWp.

€7.6m

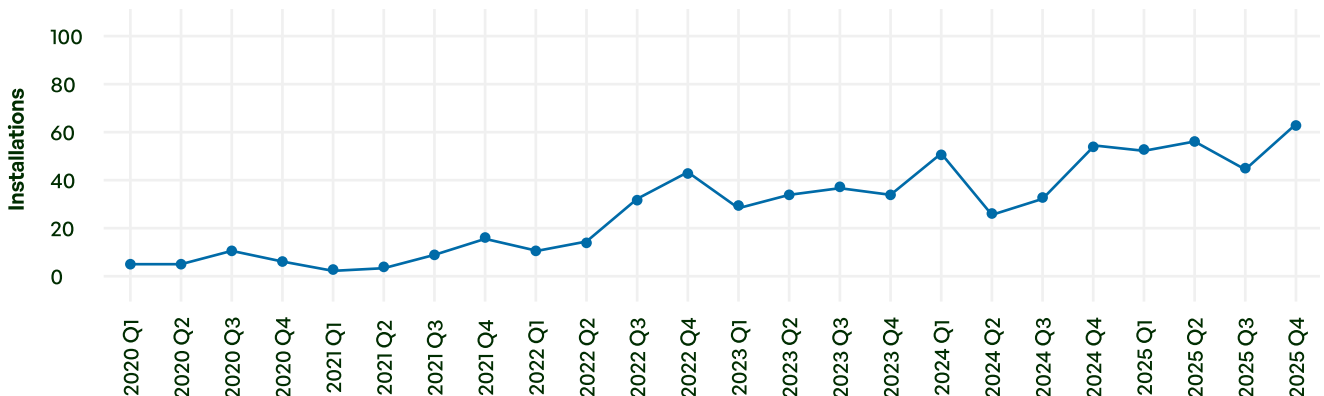
Total spend

A total of €7,566,522.60 was spent on home solar panels by households in Co. Leitrim during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.52 kWp in 2020 to 6.22 kWp in 2025 (+76.4%).

Solar PV Installations in Leitrim 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Limerick

January 2020 to December 2025

5.80% of Limerick households received a home solar grant from the SEAI between January 2020 and December 2025



4,427

installations

A total of 4,427 homes in Limerick (5.80% of households) received grant funding from the SEAI's Solar PV Scheme.

41.6%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,622, compared with €2,778 in 2020 – a 41.6% reduction.

€9.5m

Awarded

The SEAI provided €9,478,965 in grant support to households in Limerick for home solar installations.



26,417 kWp

installed

Residential solar capacity in Co. Limerick between 2020 and 2025 reached 26,417.0 kWp.

€49.1m

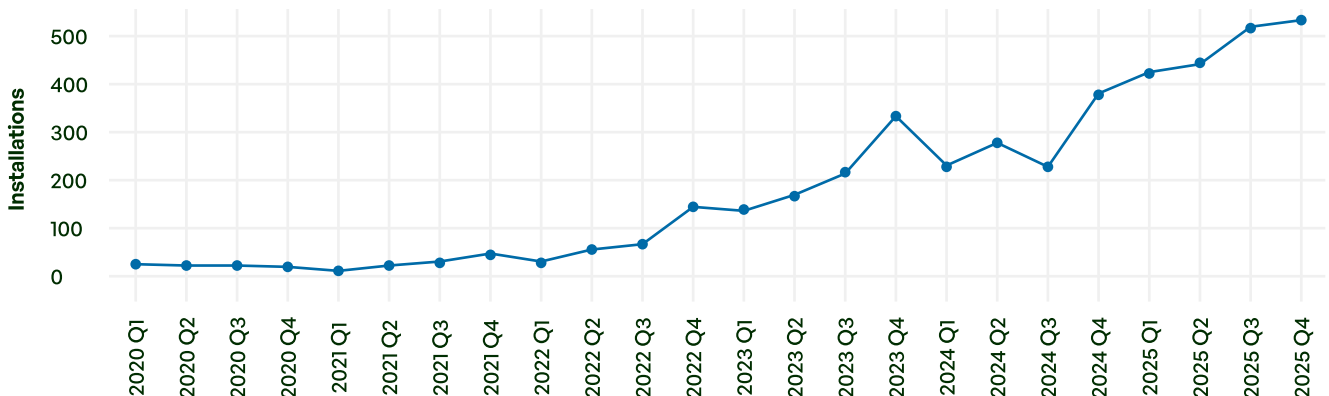
Total spend

A total of €49,106,728.75 was spent on home solar panels by households in Co. Limerick during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.80 kWp in 2020 to 6.44 kWp in 2025 (+69.5%).

Solar PV Installations in Limerick 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Longford

January 2020 to December 2025

4.19% of Longford households received a home solar grant from the SEAI between January 2020 and December 2025



679

installations

A total of 679 homes in Longford (4.2% of households) received grant funding from the SEAI's Solar PV Scheme.

43.3%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,737, compared with €3,062 in 2020 – a 43.3% reduction.

€1.45m

Awarded

The SEAI provided €1,447,980 in grant support to households in Longford for home solar installations.



3,817 kWp

installed

Residential solar capacity in Co. Longford between 2020 and 2025 reached 3,817.3 kWp.

€7.6m

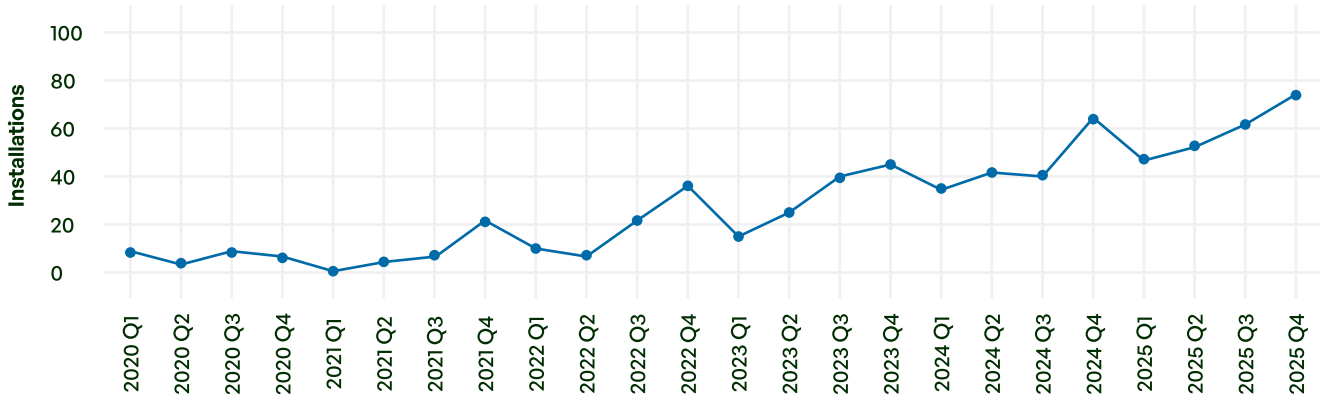
Total spend

A total of €7,602,088 was spent on home solar panels by households in Co. Longford during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.56 kWp in 2020 to 6.45 kWp in 2025 (+81.5%).

Solar PV Installations in Longford 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Louth

January 2020 to December 2025

6.4% of Louth households received a home solar grant from the SEAI between January 2020 and December 2025



3,156

installations

A total of 3,156 homes in Louth (6.4% of households) received grant funding from the SEAI's Solar PV Scheme.

38.3%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,678, compared with €2,718 in 2020 – a 38.3% reduction.

€6.8m

Awarded

The SEAI provided €6,805,530 in grant support to households in Louth for home solar installations.



16,562 kWp

installed

Residential solar capacity in Co. Louth between 2020 and 2025 reached 16,562 kWp.

€33.3m

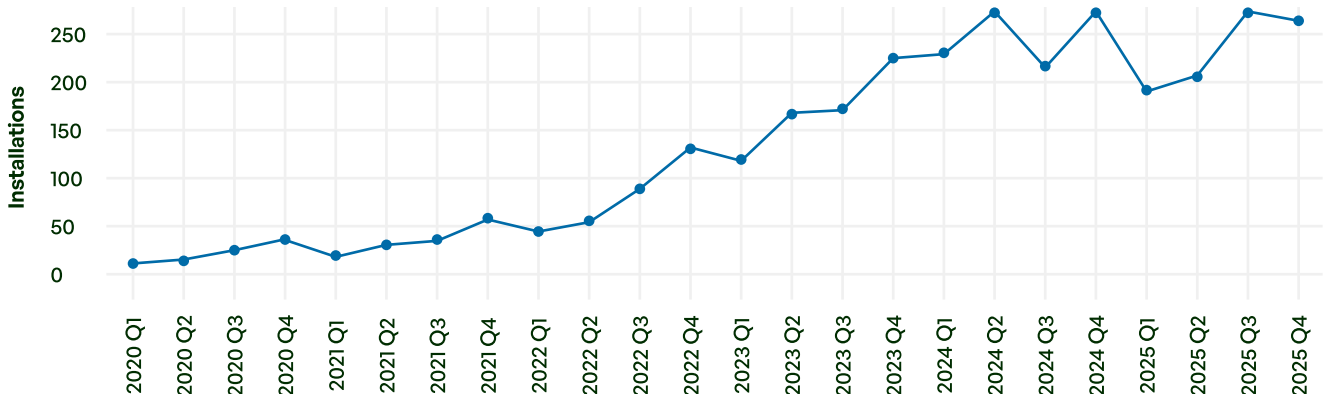
Total spend

A total of €33,251,383 was spent on home solar panels by households in Co. Louth during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.43 kWp in 2020 to 5.95 kWp in 2025 (+73.5%).

Solar PV Installations in Louth 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Mayo

January 2020 to December 2025

5.5% of Mayo households received a home solar grant from the SEAI between January 2020 and December 2025



2,861

installations

A total of 2,861 homes in Mayo (5.5% of households) received grant funding from the SEAI's Solar PV Scheme.

36.3%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,634, compared with €2,565 in 2020 – a 36.3% reduction.

€6.2m

awarded

The SEAI provided €6,236,985 in grant support to households in Mayo for home solar installations.



17,460 kWp

installed

Residential solar capacity in Co. Mayo between 2020 and 2025 reached 17,459.7 kWp.

€32.9m

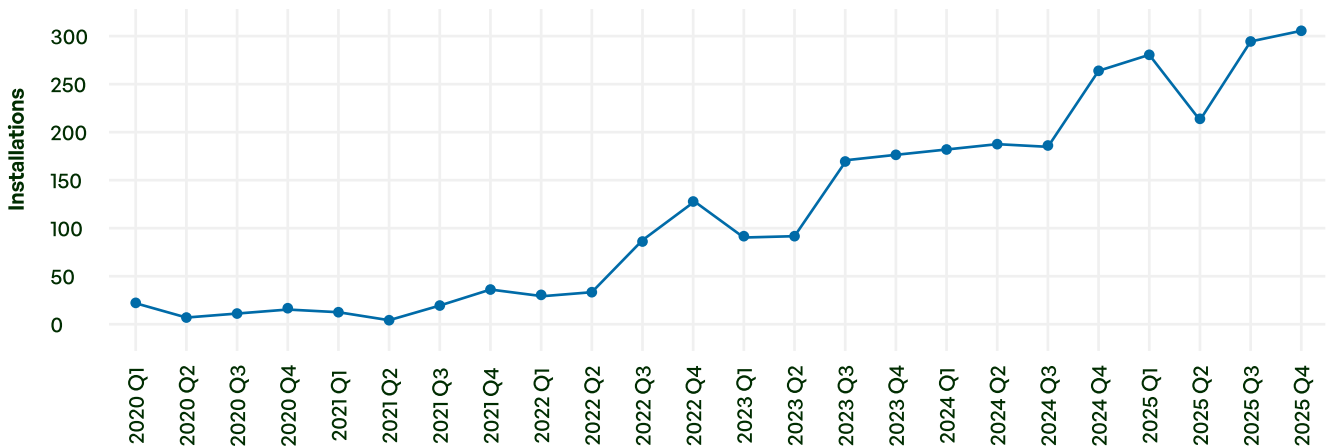
Total spend

A total of €32,940,695 was spent on home solar panels by households in Co. Mayo during the period.

Average Size Increases

The average size of a solar panel installation rose from 4.00 kWp in 2020 to 6.66 kWp in 2025 (+66.5%).

Solar PV Installations in Mayo 2020 - 2025



Meath

January 2020 to December 2025

7.5% of Meath households received a home solar grant from the SEAI between January 2020 and December 2025



5,462

installations

A total of 5,462 homes in Meath (7.53% of households) received grant funding from the SEAI's Solar PV Scheme.

37.6%

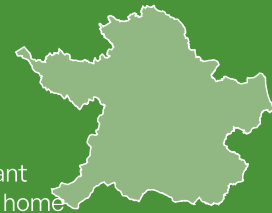
Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,725, compared with €2,765 in 2020 – a 37.6% reduction.

€11.8m

awarded

The SEAI provided €11,826,050 in grant support to households in Meath for home solar installations.



29,534 kWp

installed

Residential solar capacity in Co. Meath between 2020 and 2025 reached 29,534 kWp.

€59.7m

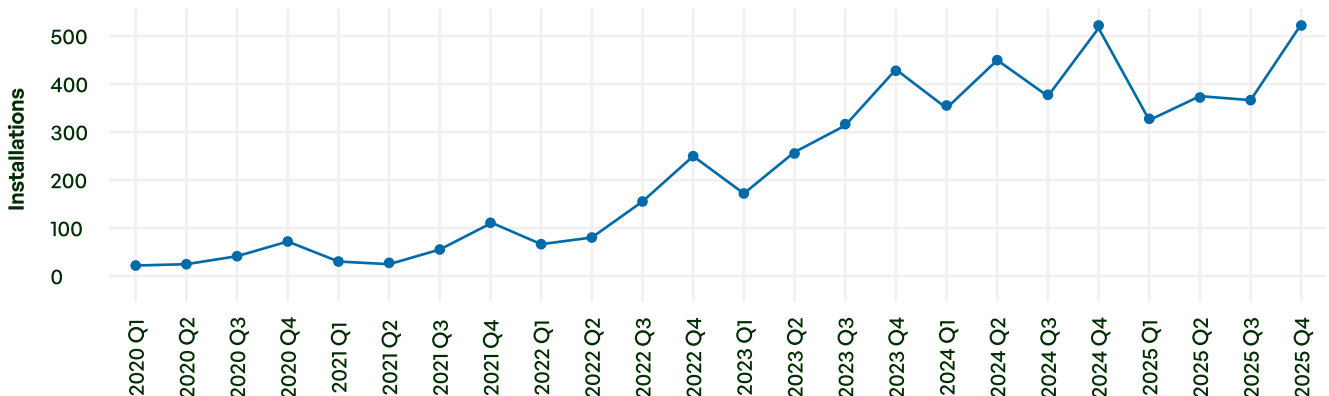
Total spend

A total of €59,694,140 was spent on home solar panels by households in Co. Meath during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.56 kWp in 2020 to 6.15 kWp in 2025 (+72.7%).

Solar PV Installations in Meath 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Monaghan

January 2020 to December 2025

4.7% of Monaghan households received a home solar grant from the SEAI between January 2020 and December 2025



1,072

installations

A total of 1,072 homes in Monaghan (4.7% of households) received grant funding from the SEAI's Solar PV Scheme.

36.9%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,624, compared with €2,573 in 2020 – a 36.9% reduction.

€2.33m

awarded

The SEAI provided €2,328,065 in grant support to households in Monaghan for home solar installations.



5,988 kWp

installed

Residential solar capacity in Co. Monaghan between 2020 and 2025 reached 5,988 kWp.

€11.7m

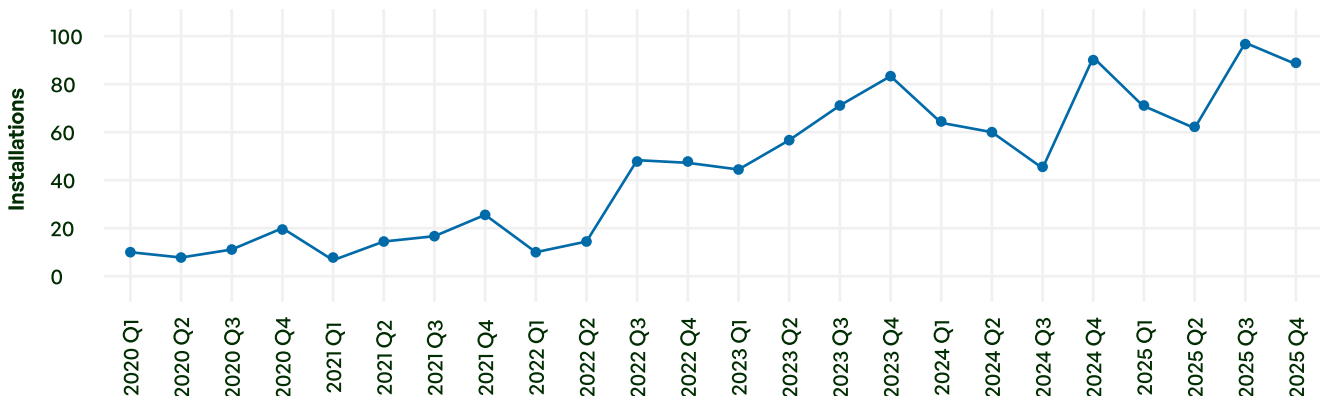
Total spend

A total of €11,700,933.95 was spent on home solar panels by households in Co. Monaghan during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.79 kWp in 2020 to 6.43 kWp in 2025 (+69.6%).

Solar PV Installations in Monaghan 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Offaly

January 2020 to December 2025

5.7% of Offaly households received a home solar grant from the SEAI between January 2020 and December 2025



1,632

installations

A total of 1,632 homes in Offaly (5.7% of households) received grant funding from the SEAI's Solar PV Scheme.

44.7%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,609, compared with €2,910 in 2020 – a 44.7% reduction.

€3.58m

awarded in Offaly

The SEAI provided €3,578,835 in grant support to households in Offaly for home solar installations.



9,596 kWp

installed

Residential solar capacity in Co. Offaly between 2020 and 2025 reached 9,596.4 kWp.

€18.4m

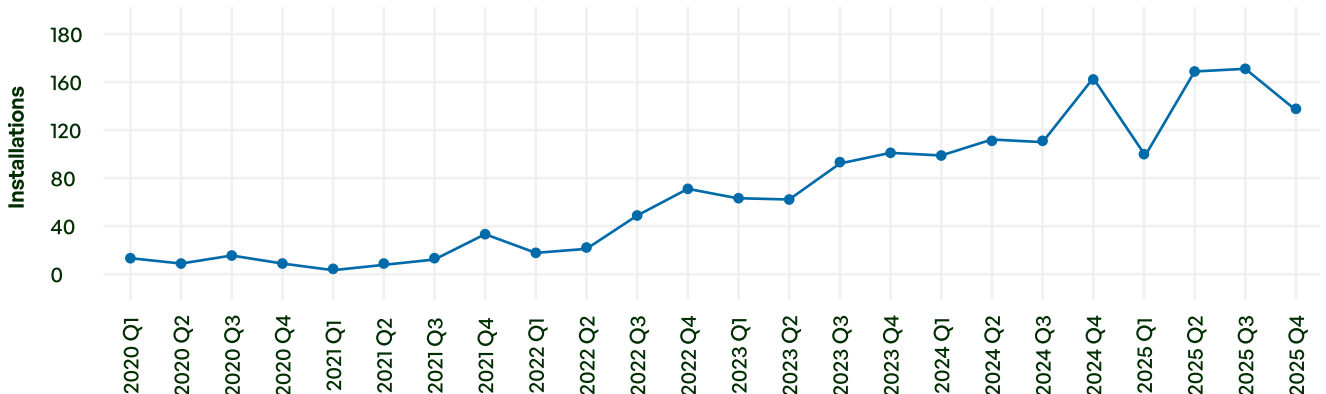
Total spend

A total of €18,419,488 was spent on home solar panels by households in Co. Offaly during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.93 kWp in 2020 to 6.59 kWp in 2025 (+67.6%).

Solar PV Installations in Offaly 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Roscommon

January 2020 to December 2025

5.7% of Roscommon households received a home solar grant from the SEAI between January 2020 and December 2025



1,480

installations

A total of 1,480 homes in Roscommon (5.7% of households) received grant funding from the SEAI's Solar PV Scheme

41.6%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,642, compared with €2,812 in 2020 – a 41.6% reduction.

€3.27m

awarded

The SEAI provided €3,266,390 in grant support to households in Roscommon for home solar installations.



8,676 kWp

installed

Residential solar capacity in Co. Roscommon between 2020 and 2025 reached 8,675.5 kWp.

€17m

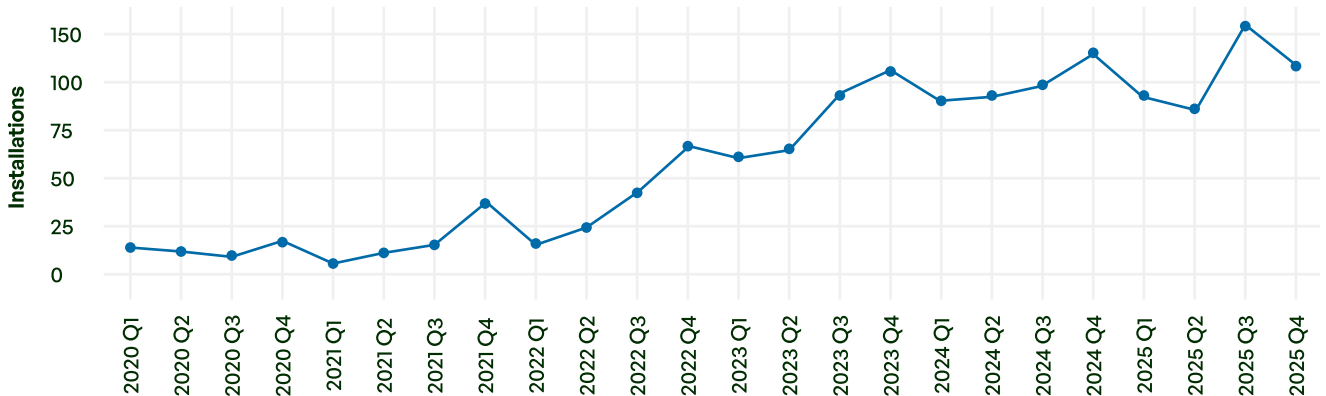
Total spend

A total of €16,996,225 was spent on home solar panels by households in Co. Roscommon during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.52 kWp in 2020 to 6.78 kWp in 2025 (+93%).

Solar PV Installations in Roscommon 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Sligo

January 2020 to December 2025

6.5% of Sligo households received a home solar grant from the SEAI between January 2020 and December 2025



1,742

installations

A total of 1,742 homes in Sligo (6.5% of households) received grant funding from the SEAI's Solar PV Scheme

37.5%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,581, compared with €2,529 in 2020 – a 37.5% reduction.

€3.86m

awarded in grants

The SEAI provided €3,864,715 in grant support to households in Sligo for home solar installations.



9,834 kWp

installed

Residential solar capacity in Co. Sligo between 2020 and 2025 reached 9,833.8 kWp.

€19.1m

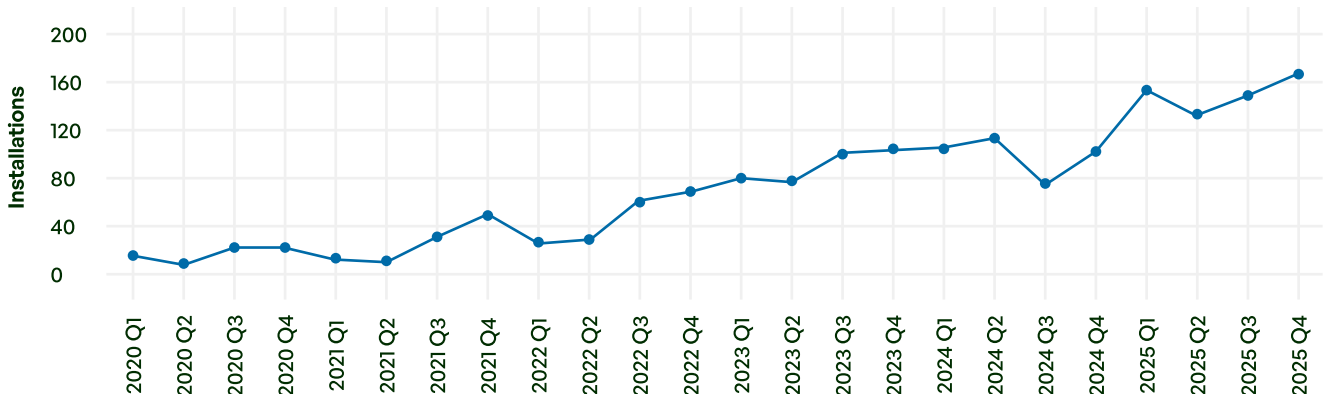
Total spend

A total of €19,139,675.10 was spent on home solar panels by households in Co. Sligo during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.92 kWp in 2020 to 6.16 kWp in 2025 (+57%).

Solar PV Installations in Sligo 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Tipperary

January 2020 to December 2025

6.01% of Tipperary households received a home solar grant from the SEAI between January 2020 and December 2025



3,731

installations

A total of 3,731 homes in Tipperary (6.01% of households) received grant funding from the SEAI's Solar PV Scheme.

42.5%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,532, compared with €2,664 in 2020 – a 42.5% reduction.

€8.1m

awarded

The SEAI provided €8,105,130 in grant support to households in Tipperary for home solar installations.



22,800 kWp

installed

Residential solar capacity in Co. Tipperary between 2020 and 2025 reached 22,800.1 kWp.

€41.2m

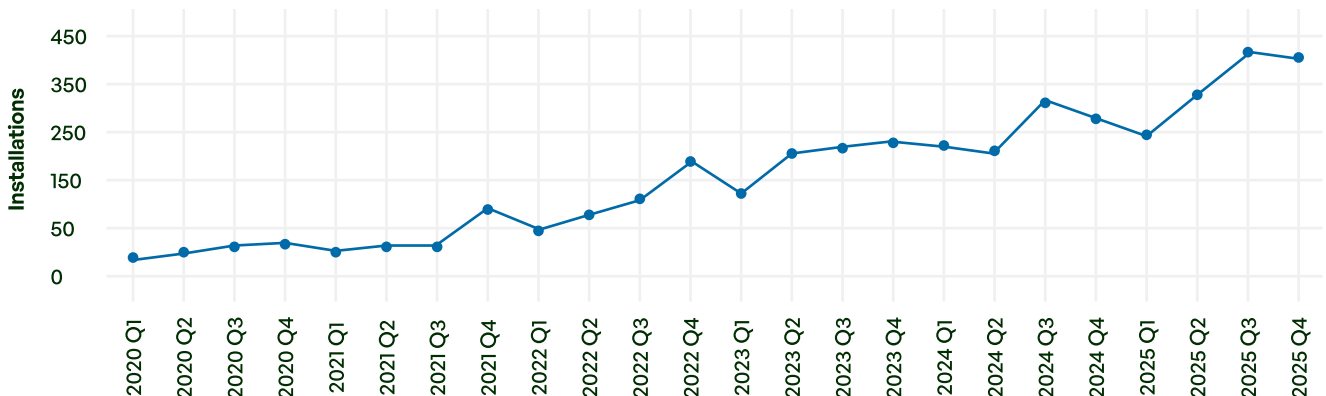
Total spend

A total of €41,218,825.91 was spent on home solar panels by households in Co. Tipperary during the period.

Average Size Increases

The average size of a solar panel installation rose from 4.15 kWp in 2020 to 6.83 kWp in 2025 (+64%).

Solar PV Installations in Tipperary 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Waterford

January 2020 to December 2025

6.01% of Waterford households received a home solar grant from the SEAI between January 2020 and December 2025



2,865

installations

A total of 2,865 homes in Waterford received grant funding from the SEAI's Solar PV Scheme.

44.8%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,647, compared with €2,983 in 2020 – a 44.8% reduction.

€6.2m

awarded

The SEAI provided €6,222,860 in grant support to households in Waterford.



16,345.7 kWp

installed

Residential solar capacity in Co. Waterford between 2020 and 2025 reached 16,345.7 kWp.

€32m

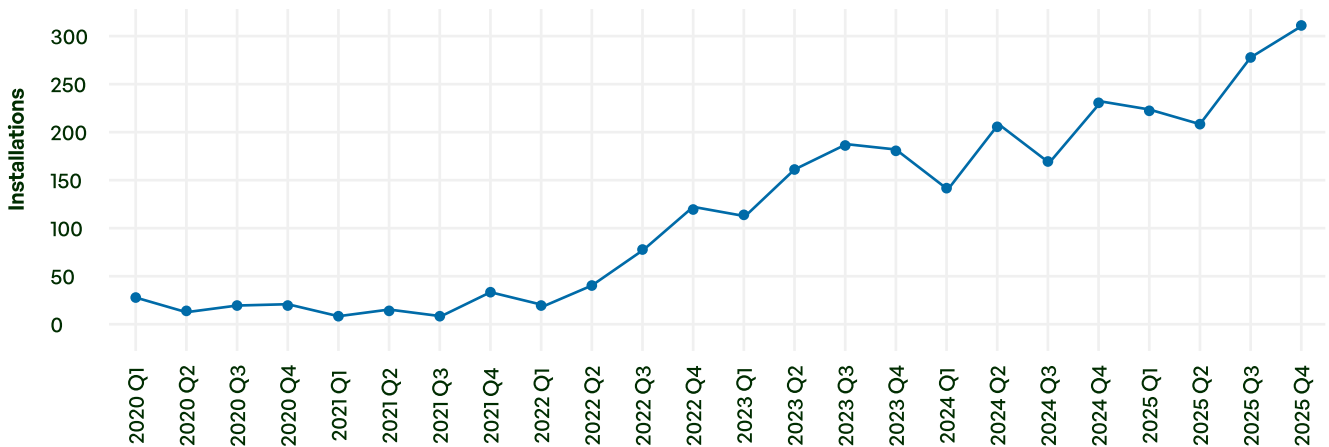
Total spend

A total of €32,119,076.84 was spent on home solar panels by households in Co. Waterford during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.67 kWp in 2020 to 6.39 kWp in 2025 (+74%).

Solar PV Installations in Waterford 2020 - 2025



Westmeath

January 2020 to December 2025

6% of Westmeath households received a home solar grant from the SEAI between January 2020 and December 2025



2,046

installations

A total of 2,046 homes in Westmeath received grant funding from the SEAI's Solar PV Scheme.

36%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,678, compared with €2,620 in 2020 – a 36.0% reduction.

€4.5m

awarded

The SEAI provided €4,472,535 in grant support to households in Westmeath.



11,590.6 kWp

installed

Residential solar capacity in Co. Westmeath between 2020 and 2025 reached 11,590.6 kWp.

€23m

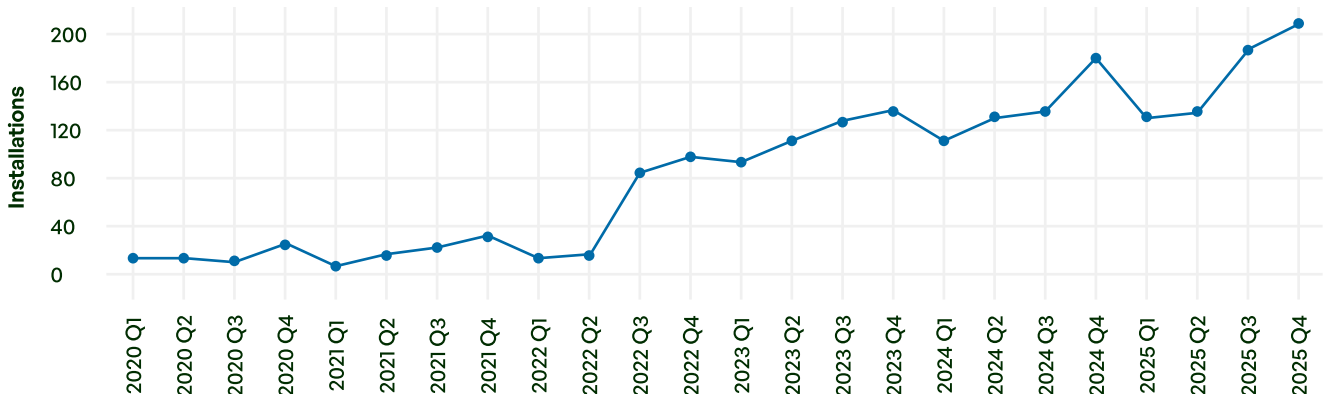
Total spend

A total of €22,953,698.72 was spent on home solar panels by households in Co. Westmeath during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.86 kWp in 2020 to 6.35 kWp in 2025 (+65%).

Solar PV Installations in Westmeath 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Wexford

January 2020 to December 2025

6.84% of Wexford households received a home solar grant from the SEAI between January 2020 and December 2025



4,039

installations

A total of 4,039 homes in Wexford received grant funding from the SEAI's Solar PV Scheme.

41%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,625, compared with €2,734 in 2020 – a 40.6% reduction.

€8.8m

awarded by SEAI

The SEAI provided €8,819,757 in grant support to households in Wexford.



22,744 kWp

installed

Residential solar capacity in Co. Wexford between 2020 and 2025 reached 22,744 kWp.

€44m

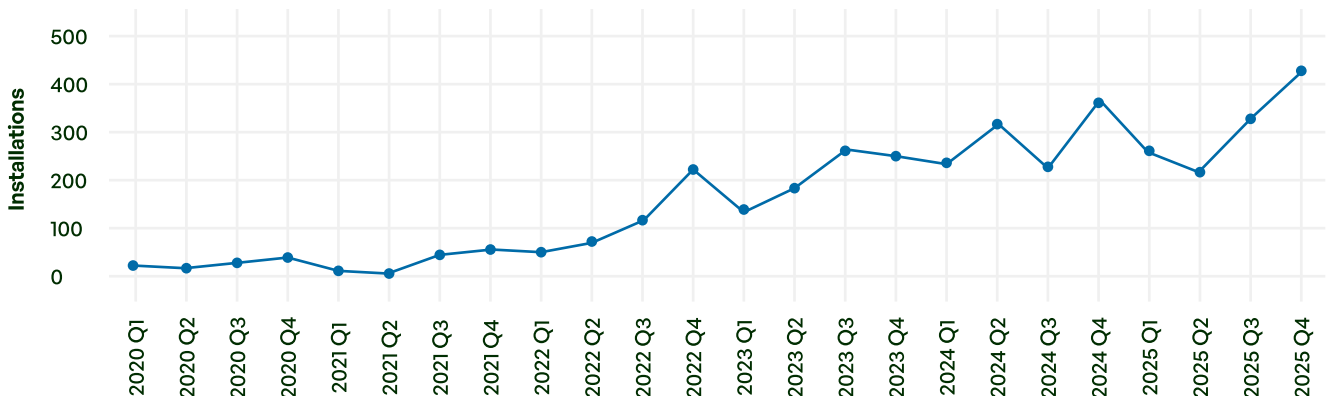
Total spend

A total of €44,312,911.37 was spent on home solar panels by households in Co. Wexford during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.62 kWp in 2020 to 6.42 kWp in 2025 (+77%).

Solar PV Installations in Wexford 2020 - 2025



Notes

Cost per kWp figures are calculated using data received on all residential PV installations, which includes those with and without battery storage. From separate analysis of data taken from a sample of Declaration of Works documents over six years, ~ 40-50% of installations nationally have included battery storage and these installations tend to be slightly larger. In some cases, costs may include additional works. Battery adoption may also vary between counties.

Wicklow

January 2020 to December 2025

7.33% of Wicklow households received a home solar grant from the SEAI between January 2020 and December 2025



3,964

installations

A total of 3,964 homes in Wicklow received grant funding from the SEAI's Solar PV Scheme.

41%

Cost down

The average cost per kWp of grant-assisted domestic solar panel systems in the county in 2025 was €1,730, compared with €2,916 in 2020 – a 40.6% reduction.

€8.75m

awarded

The SEAI provided €8,751,100 in grant support to households in Wicklow.



21,545 kWp

installed

Residential solar capacity in Co. Wicklow between 2020 and 2025 reached 21,545 kWp.

€45m

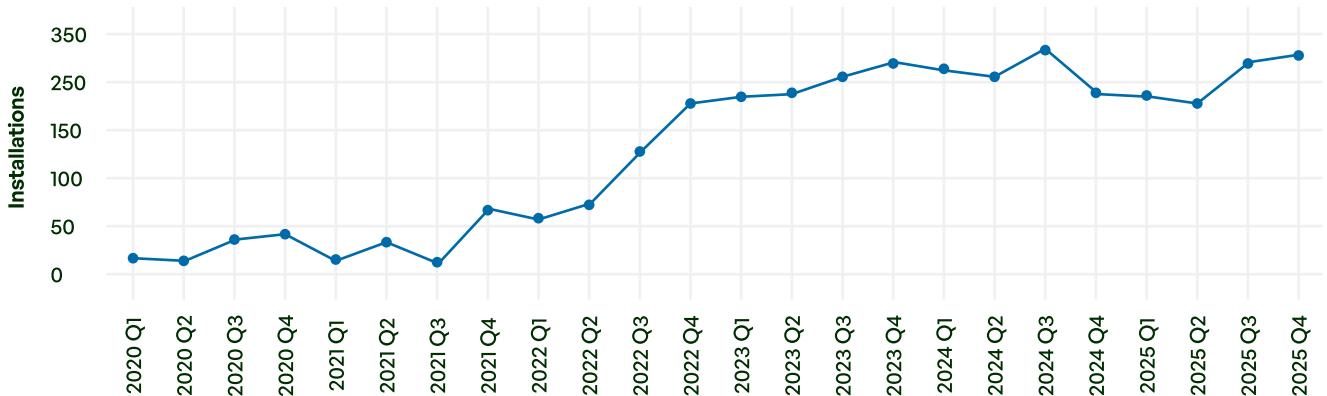
Total spend

A total of €45,324,663.18 was spent on home solar panels by households in Co. Wicklow during the period.

Average Size Increases

The average size of a solar panel installation rose from 3.69 kWp in 2020 to 6.33 kWp in 2025 (+72%).

Solar PV Installations in Wicklow 2020 - 2025



Notes

Cost per kWp includes all home solar PV systems installed, including batteries.

Battery storage is included in ~50% of installations nationally.

Installations without battery storage increasing overall cost/ kWp installed.

About

EnergyEfficiency.ie was founded in 2023 with a clear purpose of providing straightforward advice and guidance on solar energy and renewable energy. Thousands of homeowners across Ireland were interested in renewable energy – but they were often unable to find the exact information they were looking for.

We began by creating in-depth guides on all things solar PV, before covering electric vehicles and chargers, heat pumps, and insulation. Over the past three years, we have curated the largest network of reliable installers with over 70 nationwide, allowing homeowners to easily find and get in touch with those who serve their county or region.

Our site now has pages detailing previous installation projects and case study videos from dozens of installers, as well as real customer testimonials.

This commitment to detail has helped thousands of homeowners make the decision to install solar panels, and we have received hundreds of positive comments from those who have used the site.

Our Future

Renewable energy is Ireland’s future, and we aim to expand our offerings to include more guides, videos and support – to provide the clearest and most transparent information and guidance to homeowners who are interested in making renewable energy a part of their lives.

While government policy is crucial in Ireland’s journey towards achieving net-zero, we take pride in the small part we have played since 2023, and we will continue to make straightforward information on renewable energy accessible to every household in Ireland.

Acknowledgements

We wish to thank the Sustainable Energy Authority of Ireland (SEAI) for providing us with the raw data that was used for this report and for the role it has played over recent years in promoting renewable energy. We also thank our installation partners, and all those who contributed to this report.

Disclaimer

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