

Per-capita calculations

Capacity per capita broken down by UK country

	UK	England	Wales	Scotland	NI	
Population (2021)	67,026,292	56,536,419	3,105,410	5,479,900	1,904,563	
Capacity (W)	53,492,265	33,920,190	3,740,800	13,876,575	1,954,700	
Watts per capita		0.80	0.60	1.20	2.53	1.03

Generation per capita broken down by country

	UK	England	Wales	Scotland	NI	
Population (2021)	67,026,292	56,536,419	3,105,410	5,479,900	1,904,563	
Generation (MWh)	134,849,250	87,074,150	8,012,420	35,253,840	4,508,840	
MWh per capita		2.01	1.54	2.58	6.43	2.37

Population data: [Population estimates for the UK, England, Wales, Scotland and Northern Ireland - Office for National Statistics \(ons.gov.uk\)](https://www.ons.gov.uk/population-demography/population/population-estimates-for-the-uk-england-wales-scotland-and-northern-ireland)

Capacity and generation data source as per capacity and generation sheet

Cumulative Installed Capacity (MW)

	2015	2016	2017	2018	2019	2020	2021	2022
England	19,905	22,878	25,543	27,990	29,805	30,616	31,805	33,920
Northern Ireland	912	1,117	1,563	1,801	1,850	1,861	1,943	1,955
Scotland	7,788	8,826	10,012	10,969	11,770	11,845	12,255	13,877
Wales	2,361	2,830	3,174	3,368	3,546	3,595	3,699	3,741
Total	30,966	35,651	40,293	44,128	46,971	47,918	49,702	53,492
Check	30,966	35,651	40,293	44,128	46,971	47,918	49,702	53,492
	2015	2016	2017	2018	2019	2020	2021	2022
England	64%	64%	63%	63%	63%	64%	64%	63%
Northern Ireland	3%	3%	4%	4%	4%	4%	4%	4%
Scotland	25%	25%	25%	25%	25%	25%	25%	26%
Wales	8%	8%	8%	8%	8%	8%	7%	7%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Electricity Generated (GWh)

	2015	2016	2017	2018	2019	2020	2021	2022
England	54,185	55,874	63,203	72,217	77,669	89,366	83,090	87,074
Northern Ireland	2,237	2,338	3,301	3,909	4,080	4,401	3,914	4,509
Scotland	21,743	19,476	25,301	26,597	30,204	32,121	27,530	35,254
Wales	5,199	5,303	7,074	7,273	7,629	8,853	7,645	8,012
Total	83,364	82,990	98,879	109,995	119,582	134,741	122,178	134,849
	2015	2016	2017	2018	2019	2020	2021	2022
England	65%	67%	64%	66%	65%	66%	68%	65%
Northern Ireland	3%	3%	3%	4%	3%	3%	3%	3%
Scotland	26%	23%	26%	24%	25%	24%	23%	26%
Wales	6%	6%	7%	7%	6%	7%	6%	6%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Source:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1086802/ET_6.1_JUN_22.xlsx

	UK 2022	Scotland 2022		
CUMULATIVE INSTALLED CAPACITY (MW)	4th quarter	4th quarter	Difference	
Onshore wind	14,832	8,991	5,841	61%
<i>Offshore wind - seabed</i>	13,848	2,086	11,762	15%
<i>Offshore wind - floating</i>	80	80	-	100%
Offshore wind (total)	13,928	2,166	11,762	16%
Shoreline wave / tidal	22	22	0	98%
Solar photovoltaics	14,660	505	14,155	3%
<i>Small scale hydro</i>	419	332	88	79%
<i>Large scale hydro</i>	1,471	1,335	136	91%
Hydro (total)	1,890	1,667	223	88%
Landfill gas	1,062	116	946	11%
Sewage sludge digestion	258	8	250	3%
Energy from waste	1,511	70	1,441	5%
Animal Biomass (non-AD) [note 3]	129	13	117	10%
Anaerobic digestion	615	60	555	10%
Plant biomass [note 4]	4,585	260	4,325	6%
TOTAL	53,492	13,877	39,616	26%

Source:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1086802/ET_6.1_JUN_22.xlsx