

LARGE BATTERY STORAGE & SOLAR FARM DEVELOPMENTS IN THE UK, BY COUNTY

KEY FACT SHEET¹

►► Wiltshire has the highest number (19) of existing and proposed large battery storage site and solar farm developments on a combined basis, relative to all other counties in the UK (see Table 1 below)

►► Wiltshire has the highest number (11) of such battery storage developments, nationally, and the second highest number of such solar farm developments (8), after Cambridgeshire (9) (see Table 1 below)

Table 1: Top 10 counties in the UK by number of large battery storage and large solar farm developments (existing and proposed)

County	Battery (Installed Capacity MWelec)	No. of Battery Sites	Solar (Installed Capacity MWelec)	No. of Large* Solar Farms	Total Battery Sites/Large* Solar Farms	Combined Battery & Large* Solar (Installed Capacity MWelec)
Wiltshire	529.1	11	380.9	8	19	910
Cambridgeshire	99.8	2	333.8	9	11	433.6
Kent	629.4	6	398	2	8	1027.4
Hampshire	98.9	2	266.9	6	8	365.8
Humberside	197.9	4	115.8	4	8	313.7
Essex	338.8	5	93.9	2	7	432.7
Nottinghamshire	98	2	176.7	4	6	274.7
Norfolk	99.8	2	137.9	4	6	237.7
North Yorkshire	76.9	2	160	4	6	236.9

►► Wiltshire has the second highest amount of existing and proposed installed capacity in the UK from large battery storage and solar farm developments, both on an individual basis (battery storage: 529 MW, solar: 381 MW) and a combined basis (910 MW), compared with all other counties in the UK (see Tables 2-4 below)

►► at 910 MW, Wiltshire's existing and proposed installed capacity from such developments is second only to that of Kent (1,027 MW, inclusive of Kent's recently approved 700 MW solar and battery and storage combined development at Cleve Hill Solar Park) and

² Data as at June 2020, extrapolated from the Renewable Energy Planning Database (June 2020), published by Department for Business, Energy and Industrial Strategy, available at <https://www.gov.uk/government/publications/renewable-energy-planning-database-monthly-extract>. Search parameters: **Technology Type** (Battery, Solar Photovoltaic); **Installed Capacity**: 25 megawatts (MW) or more; **Development Status**: Appeal Granted, Operational, Planning Application Submitted, Planning Permission Granted and Under Construction; **County**.

more than double that of Cambridgeshire (434 MW), the next highest county on a combined basis (see Tables 2-4 below)

Table 2: Top 10 counties in the UK by large battery storage capacity (existing and proposed)

County	Battery (Installed Capacity MWelec)	No. of Battery Sites	Solar (Installed Capacity MWelec)	No. of Large* Solar Farms	Total Battery Sites/Large* Solar Farms	Combined Battery & Large* Solar (Installed Capacity MWelec)
Kent	629.4	6	398	2	8	1027.4
Wiltshire	529.1	11	380.9	8	19	910
Essex	338.8	5	93.9	2	7	432.7
Cleveland	299.8	3			3	299.8
Merseyside	229.7	5			5	229.7
Humberside	197.9	4	115.8	4	8	313.7
Lancashire	149.8	3			3	149.8
Staffordshire	139.9	3			3	139.9
Bedfordshire	139.4	3			3	139.4

Table 3: Top 10 counties in the UK by large solar farm capacity (existing and proposed)

County	Battery (Installed Capacity MWelec)	No. of Battery Sites	Solar (Installed Capacity MWelec)	No. of Large* Solar Farms	Total Battery Sites/Large* Solar Farms	Combined Battery & Large* Solar (Installed Capacity MWelec)
Kent	629.4	6	398	2	8	1027.4
Wiltshire	529.1	11	380.9	8	19	910
Cambridgeshire	99.8	2	333.8	9	11	433.6
Hampshire	98.9	2	266.9	6	8	365.8
Nottinghamshire	98	2	176.7	4	6	274.7
Oxfordshire	49.9	1	169	5	6	218.9
Co. Antrim	36	1	164.7	5	6	200.7
North Yorkshire	76.9	2	160	4	6	236.9
Northamptonshire	49.9	1	149.7	3	4	199.6

Table 4: Top 10 counties in the UK by large battery storage and solar farm development installed capacity on a combined basis (existing and proposed)

County	Battery (Installed Capacity MWelec)	No. of Battery Sites	Solar (Installed Capacity MWelec)	No. of Large* Solar Farms	Total Battery Sites/Large* Solar Farms	Combined Battery & Large* Solar (Installed Capacity MWelec)
Kent	629.4	6	398	2	8	1027.4
Wiltshire	529.1	11	380.9	8	19	910
Cambridgeshire	99.8	2	333.8	9	11	433.6
Essex	338.8	5	93.9	2	7	432.7
Hampshire	98.9	2	266.9	6	8	365.8
Humberside	197.9	4	115.8	4	8	313.7
Cleveland	299.8	3			3	299.8
Nottinghamshire	98	2	176.7	4	6	274.7
Norfolk	99.8	2	137.9	4	6	237.7
