

Solar Farm and Battery Energy Storage System (BESS) Inventory (updated 10 June 2026)

listed by Borough / District

| Location | Name | Developer/s | Planning status | Hectares | Megawatts | Offtake | Agricultural Land Classification | Protected Land Designation | Comments |
|---|-------------------------------|---------------------------------------|--|----------|-------------------------|-------------------------|---|--|--|
| Dacorum Borough, land at Leyhill Road, Pudds Cross, Bovington | Pudds Cross Solar | British Solar Renewables (BSR Energy) | Screening opinion 24/01956/SCE; Planning application 25/01535/MFA; permission 23 Dec 2025 | 56 | 22 MW plus 10 MW BESS | to be connected to grid | Grade 3b (acc. to applicant) | Green Belt, and in the setting of the AONB | Undulating landscape currently in productive agricultural use; one PROW through eastern portion of site, several other PROWs adjacent to western portion of site |
| Dacorum Borough, Long Marston | Folly Farm Solar | Hive Energy | Planning application 4/02099/14/MFA, permission 11 Nov 2014 | 25 | 15 MW | connected to grid | Grade 4 (acc. to applicant) | n/a | Site is bisected by the Aylesbury Ring public right of way |
| Dacorum Borough, Caddington (and Central Bedfordshire) | | Chiltern Green Energy | Planning application 23/02955/MFA, withdrawn July 2024 | 31.4 | c. 26 MW | to be connected to grid | Grade 3 (tbd whether 3a or 3b) | Chilterns AONB; part of site is also in the Green Belt | Hydrogen and Electric vehicle charging service station and facilities, solar farm, and battery energy storage system. Site is moderately sloping land in the Chilterns AONB. One PROW through site. |
| Dacorum Borough, Little Heath Lane, betw Berkhamsted & Hemel Hempstead | Little Heath Lane Solar Array | Energi Generation | Screening opinion 21/04395/SCE. Planning app 22/01106/MFA, refused 9 Sep 2022. Appeal dismissed 14 Nov 2023. | 32 | 25 MW | to be connected to grid | Grade 3b (acc. to applicant) | Green Belt, and in the setting of the AONB | Prominent hillside immediately adjacent to Chilterns AONB, site rises from southwest to northeast and is highly visible over long distances incl from across the valley at Little Hay golf course and from The Hertfordshire Way |
| East Herts, Great Notley Field, Bromley Lane, Much Hadham | | Chaldean Estate | Planning app 3/25/1111/FUL | 6.28 | ~2,500 MWh per year | to be connected to grid | 34.4% Grade 3a, 65.6% Grade 3b (acc. to applicant) | Rural Area Beyond Green Belt | Mostly level land, nearby Public Right of Way Much Hadham 004 |
| East Herts, land at Aston End | | Group 2038 | Planning app 3/25/0950/FUL | 1.29 | 240,000 kWh per annum | to be connected to grid | Grade 3 | Green Belt | Site mostly level, no PROWs |
| East Herts District, land west of Buntingford & south of A507 | | Hallam Land Management Ltd | Screening opinion 3/23/2349/SCREEN | 8.5 | TBD | | Grade 2 and Grade 3 (acc. To Natural England agricultural classification map) | Rural Area Beyond Green Belt | Combined development of solar farm, employment space and parkland. Undulating landscape. |
| East Herts District, land west of A507 betw Cottered and Cromer (c. 5% of the site is in North Herts) | Beane Solar Farm | RES | Screening opinion 3/23/2478/SCREEN. Planning app 3/24/2245/FUL | 80 | up to 49.9 MW plus BESS | to be connected to grid | 78.75% BMV (16 ha Grade 2, 47 ha Grade 3a) and 21.25% Grade 3b | Rural Area Beyond Green Belt | Undulating landscape. Proposed solar farm site is clearly visible from Grade II* Cromer windmill; windmill is situated 0.1 mile east and 0.2 mile south of the site. River Beane (chalk stream) runs through middle of the site. Two PROWs through site. |
| East Herts District, land at Westmill landfill site, Ware | | Biffa | Planning app East Herts 3/23/1734/CPO & Herts County Council PL/0357/23; permission 13 Mar 2024 | 10.5 | 7.3 MW | to be connected to grid | not applicable | Green Belt | Site is a former sand and gravel quarry, more recently used for landfill / waste processing. Thundridge public footpath 22 through site. |

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| East Herts District, land north of Ware Park Farm, west of Ware | Ware Solar Farm | The Farm Energy Company | Screening opinion 3/22/2465/SCREEN, Planning app 3/24/1275/FUL, permission 17 Oct 2025 | 18.3 | 24 MW , with BESS storage of 15 MW | dedicated provision to private customer GlaxoSmithKline | 20% BMV (of which 14% Grade 2 and 6% Grade 3a) and 80% Grade 3b | Green Belt | Greenfield site, agricultural land, situated in the Green Belt |
| East Herts District & Uttlesford District in Essex, northwest of Bishops Stortford | Wickham Hall Solar Farm | Endurance Energy | Planning apps 3/21/2601/FUL (East Herts), UTT/21/3108/FUL (Uttlesford). Uttlesford refused 19 Apr 2022. East Herts permission 19 Dec 2023 | East Herts portion reduced from 78.26 to 59.08 ha | East Herts portion reduced to 35 MW | to be connected to grid | 100% BMV: Grades 2 and 3a | Rural Area Beyond Green Belt | Mostly level land; several PRoWs through and adjacent to site incl The Hertfordshire Way. Planning application revised in July 2022 to remove Green Belt land from proposal. |
| East Herts District & Uttlesford District in Essex, betw the Pelhams, Berden and Manuden | Pelham Spring Solar Farm | Low Carbon Energy | Planning apps 3/21/2781/FUL (East Herts), UTT/21/3356/FUL (Uttlesford). Latter refused and former (East Herts) withdrawn Jan-Feb 2022. New app refused by Planning Inspectorate 11 May 2023. | 80 | up to 49.9 MW | to be connected to grid | 81.3% BMV: Grade 2 (42.7 Ha / 53.8%); Grade 3a (21.8 Ha / 27.5%); Grade 3b (13.1 Ha / 16.1%); non-agric (1.7 Ha / 2.2%) | Rural Area Beyond Green Belt | Undulating land; several PRoWs through and adjacent to site; site spans county boundary (most of site is in Uttlesford) |
| East Herts District, land at Dellows, Ginns Road, Stocking Pelham | Dellows BESS | Grenenergy Renewables | Screening opinion 3/25/0668/SCREEN | 4.1 | Storage of up to ?? MW | to be connected to grid | Grade 3b (acc. to applicant) | Rural Area Beyond Green Belt | Battery energy storage system (BESS). PRoWs adjacent and nearby |
| East Herts District, land off Ginns Road, Stocking Pelham | East End BESS | FRV Powertek Ltd. | Planning app 3/24/1953/FUL, permission 29 April 2025 | 12.6 | Storage of up to 400 MW | to be connected to grid | 100% BMV: Grade 3a | Rural Area Beyond Green Belt | Battery energy storage system (BESS) |
| East Herts District, land at Green's Farm, Stocking Pelham | Green's Farm BESS | Pelham Power Ltd | Screening opinion 3/24/0620/SCREEN; Planning app 3/21/0969/FUL, permission 18 July 2025 | 1.42 | Storage of up to 50 MW | to be connected to grid | 100% BMV: Grade 2 | Rural Area Beyond Green Belt | Battery energy storage system (BESS) |
| East Herts District, land off Crabbs Lane, Stocking Pelham (access through Uttlesford District) | Crabbs Lane BESS | Renewable Connections Development Ltd | Planning app 3/22/0806/FUL w/ amendments May 2025; Council refused permission 23 June 2025; appeal pending (as of 8 Jan 2026) | 1.98 | Storage of up to 50 MW | to be connected to grid | 100% BMV: Grade 2 | Rural Area Beyond Green Belt | Battery energy storage system (BESS) |

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| Hertsmere Borough, Land west of Swanland Road, South Mimms | North Mymms Solar (Gascoyne Solar) | Qualitas Energy | Screening opinion 26/0723/EI1 - May 2026 | 122 | tbd | to be connected to grid | 64.6% BMV (6.3% Grade 2 and 58.3% Grade 3a), 30% Grade 3b, 4.9% non agricultural | Green Belt | Third largest solar proposal in Hertfordshire. Undulating land with Catherine Bourne brook and three PRoWs across site incl The Hertfordshire Way; Severe cumulative impact: site is just north of community of South Mimms, with A1(M) and Swanland Rd solar to the southeast and M25 and Earls Ln solar (application pending) to the southwest, also hyperscale data centre site just to the east |
| Hertsmere Borough, Land betwe Swanland Rd and Mimmshall Brook | Swanland Road Solar | Gascoyne Holdings | Planning app 15/0784/FUL, permission Jan 2016 | 8.1 | 5 MW | connected to grid | Grade 3b (acc. To applicant) | Green Belt | Operational since 2017 |
| Hertsmere Borough, land north of Earls Lane, South Mimms | 'Orbital solar farm' | Enviromena Project Management UK Ltd | Screening opinion 25/0816/EI1; Planning app 25/1023/FUL | 39.59 | c. 30 MW | to be connected to grid | Grades 2 (11.3 ha / 29.4%), 3a (14.4 ha / 37.4%), 3b (11.8 ha / 30.6%), non-agric (1.0 ha / 2.6%) acc. to applicant | Green Belt | Proposed solar farm, applicant asserts site is 'grey belt'. Mostly level land with 3 PRoWs through site including The Hertfordshire Way. |
| Hertsmere Borough, Butterfly Lane, betw Aldenham and Elstree | Hilfield Solar Farm | Elstree Green Ltd. (Enso Energy) | Planning app 21/0050/FULEI refused 11 Nov 2021, Appeal APP/N1920/W/22/3295268 dismissed and permission refused 8 Apr 2024; second planning app 22/0948/FULEI submitted May 2022 and withdrawn May 2024 | 130 | up to 49.9 MW | to be connected to grid | Grade 3b | Green Belt | Undulating land, with 14 PRoWs through site and The Hertfordshire Way adjacent to northwest portion; 5 heritage sites and school nearby. Planning officers recommended approval, Councillors refused permission. Circa 2000 public objections. Secretary of State dismissed appeal and refused permission April 2024. |
| Hertsmere Borough, land opp. junction w/ Butterfly Lane & E of Watling St, Radlett | Elstree BESS | Greenfield Energy Developments Ltd | Planning app 25/1070/FUL; permission refused 2 Feb 2026 | 3.63 | Storage up to 99.9 MW | to be connected to grid | Grade 3a (9%) and Grade 3b (83%) according to applicant | Green Belt | Mostly level land, with PRoWs adjacent and nearby. Several schools and large numbers of residential dwellings are within 1/2 km of the site. Proposal is for BESS of 44 batteries, each in a container, plus substations, transformers, etc |
| Hertsmere Borough, southwest of Letchmore Heath, access from Hilfield Lane | Elstree BESS | Chiltern Green Energy | Planning app 23/1508/OUT; withdrawn 21 Nov 2024 | 12 | Storage of up to 1500 MW | to be connected to grid | Grade 3b (acc. to applicant) | Green Belt | Undulating land, mostly arable cropland, with PRoW across northern portion of site. Proposal is for a battery energy storage system (BESS) comprised of 400 batteries, each in a 3 metre high storage container, plus substations, transformers, switchrooms and inverters. |
| Hertsmere Borough, land at Hilfield Lane, Aldenham | Hilfield Lane BESS | BW ESS Development UK Ltd | Planning app 25/0153/FUL; Appeal APP/N1920/W/25/3368845 granted permission 16 January 2026 | 2.4 | Storage of up to 170 MW | to be connected to grid | Grade 3b (acc. To applicant) | Green Belt | Undulating land, with PRoW adjacent to site. BESS would be comprised of 80 battery units, 40 converter units and associated infrastructure. |

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| North Herts District, betw Great Wymondley and Graveley, site bisected by Graveley Lane | Priory Farm Solar Array | AGR Power Ltd | Planning app 21/03380/FP Council resolved to grant permission; called-in by Secretary of State, Inquiry Sep 2023, Planning Inspector recommended dismissal, but Secretary of State granted permission Mar 2024 | 88 | 49.995 MW at peak | to be connected to grid | 100% BMV: Grade 2 (27.4 Ha / 32.2%); Grade 3a (57.6 Ha / 67.8%) | Green Belt | Undulating land; The Hertfordshire Way is adjacent to much of the northern and eastern portions of the site. |
| North Herts District, betw St Ippolyts and Titmore Greens, southwest of Little Wymondley | Sperberry Hill Solar (prev. named Redcoats Farm Solar) | RNA Energy | Screening 21/02628/SO; Planning app 22/00709/FP, refused 16 Nov 2023. New Screening 24/01666/SO; new Planning app 24/02455/FP, permission 28 July 2025 | 35.5 | 25 MW | to be connected to grid | 100% BMV: Grade 2 (53%) and Grade 3a (47%) | Green Belt | At least 3 PRoWs cross the site including The Hertfordshire Way. Revised 2024 proposal mostly the same as 2022 except for: reduction from 5 to 4 transformers, 8.5% reduction in area of solar panels, new areas of planting and changes to panel layout to reduce visual impact from some receptors. |
| North Herts District, land north of Stevenage Rd, Titmore Green, Little Wymondley | Wymondley BESS | Pivoted Power (part of EDF Energy Renewables) | Planning app 25/01349/FP; application withdrawn July 2025 | 6.52 | Storage of up to ?? MW | to be connected to grid | Grade 3 (acc. To Natural England agricultural classification map) | Green Belt | Battery energy storage system (BESS). The Hertfordshire Way runs adjacent to the site on its western boundary. Nearest residences 100m from site. |
| North Herts District, land north of A602 and south of Stevenage Rd | | AGR Power Ltd | Screening opinion 25/00287/SO | 2.5 | Storage of up to ?? MW | to be connected to grid | Grade 3 (acc. To Natural England agricultural classification map) | Green Belt | Battery energy storage system (BESS). Adjacent to Ash Brook chalk stream. |
| North Herts District, betw Ashwell and Bygrave | Tophams Solar Farm | Pace - Pathfinder Clean Energy | Planning app 22/00741/FP; permission 13 June 2024 | 54 | 40 MW | to be connected to grid | 100% BMV: Grade 2 | Rural Area Beyond Green Belt | Visually prominent undulating land; the Icknield Way PRoW adjacent on two sides of site; Arbury Banks iron age hill fort nearby |
| North Herts District, Rush Green, Langley | Rush Green Battery Storage Facility | RNA Energy Limited | Planning app 24/00314/FP; application withdrawn 25 March 2025 | 1.45 site (0.9 ha for actual BESS) | Storage of up to 50 MW? | to be connected to grid at substation off Cavendish Road, Stevenage | n/a | Previously developed land in the Green Belt (brownfield) | Permission previously granted for 10 MW BESS on same site, planning app 21/01860/FP |
| North Herts District, land off Newnham Road, Newnham | Radwell Bury Farm BESS | Balance Power Projects Limited | Screening opinion 24/00777/SO; planning app 24/02713/FP, permission 25 June 2025 | 4.4 site (1.1 ha for actual BESS) | Storage of up to ?? MW | to be connected to grid | 100% BMV: Grade 2 | Rural Area Beyond Green Belt, adjacent to Green Belt | Mostly level BMV agricultural land |
| North Herts District, at Wandon End and Tea Green | Wandon End Solar | Evolution Power | Planning app 22/03231/FP, refused 18 July 2024; Appeal APP/X1925/W/25/3359065 allowed and permission granted 15 July 2025 | 106 (60 for main solar farm) | 49.9 MW | 35 MW to be connected to grid; remainder to specific Luton based commercial customers | Grade 3a (51%), Grade 3b (44%) and non agricultural (5%) acc. to applicant | Green Belt; also in area proposed for Chilterns AONB extension | 13 fields, undulating land; at least 6 PRoWs through site; our own CPRE Hertfordshire self-guided walk "Breachwood Green and Countryside east of Luton" runs through the middle of the site |

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| North Herts District, land S of A507 nr Cumberlow Green, Clothall | Westfield Energy Conservation Park | Lightrock Power | Screening opinion 25/00446/SO; planning app 25/01947/FP | 187.3 | 99.9 MW plus BESS | to be connected to grid | 38.1% BMV (43.5 ha Grade 2, 27.5 ha Grade 3a) and 51.8% Grade 3b according to applicant | Part of site is Green Belt; the rest is Rural Area Beyond Green Belt | Largest solar proposal in Hertfordshire. Mostly level landscape with long range views. 2 PRoWs run through site. Significant cumulative impact - eastern edge of site is adjacent to proposed Beane Valley Solar farm and BESS - see East Herts planning app |
| North Herts District, Wisbridge Farm, Reed | Wisbridge Solar Farm | Push Energy | Planning application 12/02365/1; permission granted | 14.6 | 6 MW | connected to grid | Grade 2 (acc. to Natural England agricultural classification map) | Rural Area Beyond Green Belt | Level land, two PRoWs adjacent (incl The Hertfordshire Way) |
| St Albans District, Potters Crouch (west of Chiswell Green) | Beechtree Junction Solar Farm | Exagen | Planning application 5/2025/1132 | 106.81 | 49.9 MW | to be connected to grid | Grade 4 acc. to applicant; (Grade 3 acc. to Natural England agricultural classification map) | Green Belt | 7 parcels of land proposed for solar farm; 4 PRoWs across and adjacent |
| St Albans District, land north of Colney Heath, Smallford | n/a | Public Power Solutions (Swindon Borough Council) | PL/0228/21-Scoping Request for screening opinion submitted to Hertfordshire County Council | 42 | 22 MW plus BESS for 22 MW | to be connected to grid | Grade 3 (tbd 3a or 3b) | Green Belt | Relatively level and undulating land; site is crossed by three PRoWs that are heavily used for local recreation and for connection to the Alban Way footpath and National Cycle Route which is adjacent |
| Wel Hat Borough, land at Tollgate Farm, Welham Green | Tollgate Farm Solar | Brockwell Energy Ltd | Planning app 6/2025/1458/MAJ | 22.06 | 16 MW | to be connected to grid | 90% BMV (12.7 ha / 61% Grade 2 and 6.02 ha / 29% Grade 3a) according to applicant | Green Belt | Site is gently sloping to the south. Two PRoWs run through the site. |
| Wel Hat Borough, betw A6129 and River Lea / Stanborough Lake | Stanborough Solar Farm | J Reddington Ltd (JRL Group) | Planning app 6/2023/1802/MAJ, permission 16 Sep 2024 | 10 | 10 MW plus BESS for 1.5 MW | to be connected to grid | Grade 3b (acc. to applicant) | Green Belt | Site is adjacent to the River Lea, and to Stanborough Reedmarsh Local Nature Reserve; current use of the site is hosting car boot sales |
| Wel Hat Borough, Codicote Road, betw Ayot St Lawrence & Ayot St Peter | West Welwyn Solar Farm | Black Mountain Developments, Ampyr Energy | Screening opinion 6/2022/1415/EIA; 2025 update: developer says project on hold due to uncertainty re grid connection | 37, plus 3 for "an ecology project" | 30.43 MW | underground cable to private customer (Colt data center in Welwyn Garden City) or grid connection | Grade 3 (tbd 3a or 3b) | Green Belt | Prominent rising land, PRoW through site, another PRoW adjacent, Stocking Springs Nature Reserve adjacent; site is highly visible over long distances from several vantage points including from PRoWs across valley to the east |

AONB - Area of Outstanding Natural Beauty (now known as National Landscape)

BESS - Battery energy storage system

BMV - Best and Most Versatile agricultural land, defined as land in classifications 1, 2, and 3a which are the highest (best) agricultural classifications

PRoW - Public Right(s) of Way