Description of the Local Engagement in UK Energy Systems Database – a database of local authority energy projects. Data was collected in Summer 2015. Table lists column heading, column type and units, description and detail about data representation.

Column heading	Column type and units	Description	Calculation methods/details
local authority name	text	local authority name	
project name	text	name of the energy project	Project name as listed in the original data set; further description added where possible i.e. all Community Energy Programme projects were given additional information as only a single reference code was provided in original dataset.
other information	text	description of the project and any other information which could be extracted from source dataset such as additional reference codes or project detail, includes some weblinks where this was available	NA = data is unavailable or missing
country	text	identifies which country local authority is based in	
NUTS region	text	identifies which NUTS Level 1 region local authority is based in	Nomenclature of Territorial Units for Statistics (NUTS) codes of the United Kingdom, Level 1. Subdivisions: Wales, Scotland, Northern Ireland and 9 English Regions
local authority code	text	administrative code used to identify local authority	Government assigned codes to first tier local authorities and second tier county councils uses (2012 codes); local authorities in Greater London uses "GLA" which was manually added
dataset name	text	name of dataset energy project was extracted from	see data sources description for information on individual datasets
data source	text	identifies which organisation the dataset was obtained from	
data type	text	identifies whether the information in the source dataset was either about an operational project (Project) or referred to funding (Investment)	
data coverage	text	identifies the extent of data coverage in the data set such as whether it was UK wide or only for a specific group of local authorities	
investment type	text	where the dataset is about Investment (data type column), identifies the form of investment	NA = not a dataset which includes information about investment (i.e. a 'Project' dataset)
investment value	text	the amount of finance from the funding source recorded in the source dataset where it is an Investment dataset (data type column) and where it is known	Limited data availability; NA = data is unavailable or missing, for example, not a dataset which includes information about investment i.e. a 'Project' dataset
total investment	text	the total project capital expenditure where it is recorded in the source dataset where it is an Investment dataset (data type column) and where it is known	Limited data availability; NA = data is unavailable or missing, for example, not a dataset which includes information about investment i.e. a 'Project' dataset
year	text	the year the project is listed as operational or the year (or year range) the funding was secured	Limited data availability; NA = data is unavailable or missing
energy	text	generating capacity where it is known or predicted	Limited data availability and consistency; recorded as it was provided in source dataset; kW; kWe; MW; MWe; MWelec; MWh; GWh; NA = data is unavailable or missing
co2 saving	text	CO2 saving where it is known or predicated, indicated per year where known	Limited data availability and consistency; NA = data is unavailable or missing
anaerobic digestion	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
biogas	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes

Column heading	Column type and units	Description	Calculation methods/details
biomass	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
building energy management systems bems	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
combined heat and power chp	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
energy efficiency technologies	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
efw plant	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
electric vehicles	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
gas boiler	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
heat networks	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
hydro	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
hydrogen fuel cells	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
hydrogen refuelling station	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
insulation measures	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
landfill gas	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
led lighting	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
led street lighting	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
marine infrastructure	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
onshore wind	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
smart meters	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
solar pv	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
solar thermal	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
thermal storage	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
tidal	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
transport	values 0 or 1	identifies whether this technology was identified within the project according to the source dataset	0 = No; 1 = Yes
unknown technology	units 0, 1	it was not possible to identify a technology from the source dataset but it appears technologies were involved	0 = No; 1 = Yes
no technology	units 0, 1	identifies the project was not primarily focussed on installing new technologies, for example, project was concerned with strategic energy management capacity	0 = No; 1 = Yes