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LONDON HEAT MAP STUDY
FOR LONDON BOROUGH OF EALING

RAMBOLL

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1. INTRODUCTION

In February 2010, Ramboll were appointed by the London Borough of Ealing to carry a heat mapping study as part of the LDA's Decentralised Energy Masterplanning Programme (DEMaP). Our work was structured to meet the aims of the study as defined in the brief, which were as follows:

1. Produce a heat map of the Borough.
2. Provide advice and support to the Borough in interpreting and acting upon results of the heat mapping.
3. Identify potential areas for the development of further district heating networks in the Borough.

The course of the study was broken down into 3 stages:

1. Assemble heat load data for priority buildings in the Borough, using as much actual energy consumption data as possible. Mapping of all priority buildings using Ordnance Survey coordinates. All data was recorded on an excel spreadsheet template, with fixed fields for completion and issued to the LDA for conversion to a GIS heat map.
2. Upon receipt of the heat map from the LDA, the map was analysed and clusters of buildings and development areas were identified as having the best potential for delivering future district heating networks.
3. A high level implementation plan was then produced for the Borough, on a tabular format template, highlighting each individual DH network opportunity associated barriers, next steps, key dates and key personnel within the Council for moving it forward.

The broader objective of this exercise was to enable the results to be fed directly into the emerging Local Development Framework documents. In particular, based on the findings of the current study, the Strategy and Sites Development Plan Documents can identify areas/sites with specific District Energy Network (DEN) opportunities in the Borough.

This will also be supplemented by the Infrastructure Delivery Plan, which will establish the delivery mechanisms (including ongoing funding/maintenance) for DEN proposals within the Borough over the London Development Framework (LDF) plan period (i.e. up to 2026). Moreover the Development Management DPD will establish policies for the assessment of DEN proposals, and set criteria to ensure that new development links into established networks. It is expected that clear guidance from the Council will provide the certainty needed to attract investment in DEN proposals within the Borough.

2. DATA COLLECTION

The main objective of the project was to collect actual heat demand data for a list of priority buildings for later illustration on the London heat map website.

2.1 Methodology

The methodology for collecting data for the heat map study was set out by Ealing Borough in collaboration with the LDA.

The data gathering methodology adopted was guided by the list of 'priority buildings' identified in the project scope and entered into the excel spreadsheet template.

Most of the data was collected by Ramboll and this can be found, in spreadsheet format, in Appendix A.

During the data collection exercise, the LDA provided additional information on buildings in the Borough. This information was gathered in previous studies and did not necessarily include buildings classified in this study as being "priority buildings". Where appropriate the LDA consolidated the data provided to them by Ramboll, with that they already had. A spreadsheet of the LDA data is shown in Appendix B.

In reality the data gathering is an ongoing process which needs to be continued by the Borough, as some contacts have not been able to return data within the timeframe.

The methodology for data gathering was to target heat loads by the priority building type as listed here.

- Multi-address buildings – predominantly public residential
  - Gas consumption data for council-owned estates was provided to us by Ealing Council. Premises were mapped using the Local Land and Property Gazetteer (LLPG) database and using streetmap.co.uk website.

- Sport & leisure facilities
  - Data for council-owned premises has been recorded from the NI185 database.

- Prisons: There are no prisons in the Borough.

- Hotels
  - Large hotels (> 149 bedrooms) were identified using an internet search. CIBSE Guide F benchmarks were used to estimate the energy consumption.

- Education facilities
  - Gas consumption for schools and nurseries was recorded from the NI185 database.
  - Thames Valley University data sent to us by Ealing council was recorded.

- Police stations
  - Police stations were identified via an internet search. LDA to pursue consumption data.

- Fire stations
  - Fire stations data was made available to us by Ealing Council.

- Hospitals
  - Gas consumption data for the hospitals was obtained from the NHS website.
  - Data for the Ealing PCT sites was made available to us by Ealing Council.

- Museums & art galleries
  - This typology was identified through the NI185 database.

- Central government estate
  - We have contacted JobCentre Plus but were told that JobCentre Plus do not own or manage the premises they occupy and that no data was available.

- Local government estate
  - Gas consumption data was recorded from the NI185 database. Energy for electrically-heated buildings and premises with no data was approximated with CIBSE Guide F benchmarks.

- Religious institutions
  - Due to the low impact on the heat map, no consumption data for religious premises were pursued.

- Private residential units (>149 units or 9,999m^2)
  - Private residential units were identified based on the planning application data and area development plans sent to us by the Council and identified on the Council's website. Proposed developments were benchmarked based on a 20% or 50% reduction of Part L value depending on the predicted construction date.

- Private commercial units (>9,999m^2)
    - Private commercial units were identified based on the planning application data and area development plans sent to us by the Council and identified on the Council's website. Where possible, data for mixed use developments was split into multiple entries according to the typology. Proposed developments were benchmarked based on a 20% or 50% reduction of Part L value depending on the predicted construction date.

- **Supermarkets** were identified via an internet search. Contact was made with the following company headquarters to determine a level of interest in connecting to a heat network; Sainsbury, TESCO, ASDA, Waitrose, Morrisons, Marks & Spencer and Iceland. Only Morrisons responded with data but unfortunately this arrived too late to be able to be included in the analysis, however the loads that were indicated would appear to offer potential to a network. Lidl and Aldi were not able to be contacted.

- During the study we also contacted **Park Royal Partnership**. Park Royal Partnership is an organisation that represents the interests of the occupants of the Park Royal Industrial Estate. We engaged in several conversations with the Partnership but we understand that they do not hold individual energy data for their members. We understand that the Partnership has approximately 1500 members and that they may buy their energy as a group. This policy would be advantageous in any future discussions regarding a potential heat network in this area.

- Other public buildings
    - A couple of unique buildings were identified in the NI185 database and planning applications.

Heat Demand

A building's heat demand depends on the heat loss of the building fabric, the ventilation rate, and domestic hot water usage.

Typical existing houses and buildings in the UK are fairly inefficient in terms of heat usage when compared to similar European examples. New policies have affected and considerably improved the new building stock in terms of energy demand; an average existing home requires four times more energy to heat as the average new home.

It can be seen, therefore, that it is existing homes and buildings that benefit most from being connected to an efficient district heating network.

In this project, we have collected and estimated the annual heat demand (measured in MWh) for potential district heating networks in the London Borough of Ealing. The heat demand represents the sum of all the estimated heat consumptions of consumers. The heat demand is used to determine the heat load to the proposed network(s) (measured in MW), which is then used to establish the capacity required of the system as a whole.

Where actual consumption data could not be obtained within the timescales available, estimated consumption data was calculated for existing buildings by using floor areas and benchmark figures taken from CIBSE Guide F (2004). Proposed developments were benchmarked based on a 20%, 50% or 80% reduction of Part L value depending on the predicted construction date. Benchmarks used are as follows:

- Assuming 210 kWh/m^2/annum (CIBSE F table 20.1 Offices, Air conditioned, prestige)

- Assuming 67 kWh/m^2/annum (80% of 2006 Part L Benchmark for Office)

- Assuming 80 m^2/unit (80% of 2006 Part L Benchmark for Residential)

- Assuming 47 kWh/m^2/annum (80% of 2006 Part L Benchmark for Residential)
- Assuming 58 m^2/unit and 47 kWh/m^2/annum (80% of 2006 Part L Benchmark for Hotel)

Where floor area data was not available within the timescales available to produce estimated heat consumption figures for existing buildings that were expected to have a high heat load, the buildings were included in the heat map with a zero heat load but with a view to adding in a heat load should the data become available in the future.

Major Heat plants and district heating networks
The study brief asked to identify major existing and proposed heat supply plants. The brief also called for identifying existing decentralised energy systems, communal heating systems or heat networks.

A major heat supply plant is considered to be a larger plant such as Energy from Waste (EfW) plant, a power station of several MW that doesn't currently export heat either partly or fully, or large industrial sites where there are processes that produce heat that is not utilised.

Energy or heat networks are existing or proposed networks that will have an accompanying energy centre (that may be CHP enabled). The energy centre would not be repeated in the major heat supply plant section, as it is not likely to have excess capacity to feed any new network. Having said that this network and its energy centre has a potential for being a good starting point for further development and expansion of networks.

To identify sources of useful heat, the following resources were consulted:
- Industrial Heat Map website
- Planning Applications
- LEP database
- Eionet LCP (Large Combustion Plant) Database
- DECC CHP Database
- OFGEM CHP database

The LEP database was consulted and no existing district heating networks were identified for inclusion.

2.2 Methodology considerations

With the relatively limited time scale of data gathering, it was important to prioritise the buildings and effort in line with the potential heat load and connection opportunity. Accordingly, a heavier focus was placed on gathering the data for hospitals, council-owned premises, proposed developments and hotels.

Remaining building types were also pursued by identifying the relevant premises in the LLPG database and sending standard letters to the concerned parties. Least focus was placed on the building types which were going to be investigated by the LDA, i.e. fire stations, police stations, TfL premises, commercial floor space listed in the VOA database.

The Borough's LLPG database was extensively used to identify potential buildings and consumers to be pursued. The LLPG database was then interrogated to obtain OS coordinate points for a specific address.

Where data was not found in the database, internet searches and mapping websites (Google, Streetmap, NHS, Expedia) were used to find and map additional premises.

Special consideration was given to proposed developments, which were identified through planning applications and data sent to us by the Borough. Proposed developments were recorded by clustering all the buildings to a point in the centre of the development. Floor areas were split between residential and commercial typology and benchmarks based on Part L energy reduction were used accordingly. Updated planning policies now provide greater incentive for new developments to become good candidates to start a district energy network.

Additional issues should be considered when analysing the data.

- 'Double counting' – future developments with estimated heat demand may overlap existing sites where heat demand is already counted. Data collected from various sources may overlap data which was already on the London heat map.

- Estimated data, as noted in the spreadsheet, may differ from actual consumption depending on, e.g. building fabric, occupancy patterns and actual building performance.

- Existing networks and major heat supply plants – existing networks that will have an existing energy centre that may be CHP, should not automatically be considered as a major heat supply plant, as they are not likely to have excess capacity to feed a new network. A major heat supply plant should be considered to be a power station that doesn't currently export heat, or a large industrial site where there are processes that produce waste heat. No heat supply plants were identified within the Borough by Ramboll, however the data already on the LHM website lists a number of smaller CHP units within the Borough as 'Major Heat Supply Plants'.

- Information was sought from the VOA by the LDA but at the time of completing the report this data had not been made available.

- The LDA provided data was from a previous study, so some of the buildings, by definition, would not be considered as "priority buildings".

- A proportion of the information gathered was partially incomplete, as information could not be returned within the timescale of the study.

3. HEAT MAP ANALYSIS

The heat demand of over 600 buildings (including those buildings identified by the LDA) was included in the assessment

The original maps received from the LDA mapped types of buildings but no heat data was illustrated. These maps can be seen in Appendices 1 and 2. Whilst these maps highlight clusters of buildings they do not necessarily help exploit opportunities with respect to clusters of heat. Ramboll therefore produced the heat demand map which can be seen in Appendix 3.

Due to the relatively large number of priority buildings and building categories it was found necessary to group the data differently to enable the illustration of the heat demand data.

Appendix 3 shows five building categories each illustrated by a different coloured dot or square. To further clarify the size of the dot or square indicates the magnitude of energy consumption, i.e. the larger the dot or square the larger the heat demand. The dot representing existing buildings while the square represents proposed.

The building categories are listed below with an indication of the building type:

- Private: Private residential, private commercial, hotels, education, museums, multi-address buildings (businesses)

- Local Government: Local Government Estate, education, sports & leisure, museums

- Central Government: Central Government Estates

- Other public: NHS, Fire, Police, other public, multi address (public with central boilers)

- Unidentified: This data consists primarily of data received from the LDA.

On the heat demand maps (Appendices 3, 4 and 5) the major supply plants will be indentified by a triangle (△) and a potential new network or development with CHP will be, proposed and be identified by a square (□).

The heat map appendices produced for this report is for support and overall illustration only. For any detailed assessment of building data and their location the London Heat Map website has to be explored.

3.1 Larger district heating regions

The borough can be grouped into smaller more manageable geographical regions that can later be used as a method of phasing the introduction of the district heating network and this can be seen in Appendix 4.

As much as possible the grouping has been based on dividing the Borough by major road, rail and water course. This decision is based upon practical reasons. Crossing major road infrastructure can be quite difficult especially when the road is a major artery for an area. Restrictions such as maintaining bus and ambulance movements can reduce the available working space and time. Rail and water offer similar restrictions which tend to be overcome by either bridges or tunnels but these come at a significant additional cost.

The quantitative heat demand assessment results are presented in Table 1.

Larger Regions	**Estimated heat consumption (MWh/yr)**
1. South Central Ealing	87,000
2. Acton	40,000
3. Park Royal	9,000
4. Southall	39,000
5. Central Ealing	24,000
6. North Central Ealing	3,000
7. Northolt	10,000
8. Greenford	15,000
TOTAL HEAT DEMAND	**227,000**

Table 1: Regional heat demands for potential district heating network(s)

The above figures are an underestimation of the amount of heat available within the Borough. The number of buildings, that it within the time scale of the project has been possible to identify the heat demand for, is only a fraction of the actual number of buildings in the Borough.

Also is has not been possible to obtain data for all the buildings identified. Appendix C has the more detailed list of the buildings within each region and their heat demand. From this the priority buildings with no heat data identified and which could be targeted for obtaining heat demand data can be seen.

3.2 Criteria for creating clusters (Focus Areas)

Clusters need to be developed around the existence of one or more of the following factors;

Large heat user(s)

- Large heat users are the most crucial element of any cluster development. Ideally a number of large energy users or a number of energy users concentrated into a small area creates an ideal environment. Often (one or more) anchor loads are sought as these can provide either a secure and sizeable income stream or be seen as a landmark building that influences the thinking of others in the vicinity.

Large heat producer

- The provision of a primary energy source is also a requirement. Any successful network should seek out a local source of energy, preferably a source of waste heat. Waste heat would normally be assumed to come from a source which would normally have to 'dump' heat as part of its process. Waste heat can often be secured at a price less than conventional energy sources from fossil fuel, for example. Where no such waste heat can be found, conventional sources of fossil or biomass should be sought.

Existing networks and/or new development(s)

- In some instances small heat networks may already have been developed and could form part of a new wider network; they may also contain a heat source that can be used either directly as a primary energy source or as future back-up. In most instances, however, they will have been sized to accommodate the intended load and have little capacity for expansion.
- Larger networks may also have been developed and the extent to which new networks and buildings can interlink would be subject to discussion with the operator of such a network.
- New developments can provide an ideal platform for creating a new heat network that is able to connect to a wider area. The new development can act as the anchor load and as the site of any primary energy source. This often makes the development of a wider network more viable as the initial asset provisions can be accommodated by the new development.

Public buildings(s)

- Connecting public buildings not only provides a series of potential anchor loads but also sends a very positive message to other building owners in the area. This action often provides assurance from prospective connectors, who may harbour concerns over that suitability and connectivity to a heat network.

Building Diversity

- In an ideal scenario a heat network should strive to secure a variety of buildings with differing demand profiles and heat loads. This variation helps to optimise the sizing and selection of heat network equipment. It should be noted that whilst this is desirable, it is by no means essential that this should always apply.

3.3 Focus areas

Whilst a number of buildings have been identified throughout the Borough and grouped into regional areas, it was decided to identify a number of smaller areas that could be focused upon to provide potential for heat network development.

With the criterion listed above in mind the process by which a focus area is determined is by trying to group as many large heat users together as possible and at the same time corral as many of the smaller heat users as possible. The focus areas are also determined by areas where an energy strategy is already in process or where planning permission is being sought or given to a larger residential and/or mixed use development.

This process may result in a focus area crossing across the regional areas identified and it may cross larger roads, railways and rivers just as it could be excluding some buildings that appear to be within reach, but it would be expected that a detailed feasibility study would determine the scope for a heat network within the areas.

1. A network can be initiated by the **South Acton Estate** (16 phases), which is a substantial development with a possible total of 3,200 residential dwellings. Other developments in the vicinity which can act as catalysts are the Oaks Shopping Centre, Bollo Lane and Acton Town Hall Complex.

   Within this Focus Area 55 buildings/connections have been identified.

2. **Ealing Metropolitan Centre**. A network in this area could be initiated by two new developments: Arcadia and Dickens Yard. Those are large mixed-use development with a proposed community heating schemes. Arcadia is to have a 90 kWe CHP system. In the future, this network can encompass the Ealing Council building and other premises in the vicinity as identified on the heat map.

   Green Man Lane Development – a community heating scheme is proposed for this development. As far as is known, the developer has appointed an ESCO operator. This network could be linked to the Ealing Metropolitan Centre network described above and then extend west to connect Cambridge Yard and further to Ealing Hospital.

   Within this combined Focus Area 53 buildings/connections have been identified.

3. **Copley Estate**. These residential buildings currently operate on community heating schemes. These schemes can be linked to form an initial network that could be expanded out.

   Within this Focus Area 53 buildings/connections have been identified.

4. (4c) **Southall Gas Works**. This is an opportunity for an initial district energy system in Southall. Even more important is the fact that this network could be supplied with waste heat from the proposed Blue-NG power station, immediately in the vicinity of the development. Southall Gas Works network could extend south and east to Suterwalla site which is earmarked as a large mixed-use development area (including Dominion House and Phoenix House), the White Hart and a number of smaller development areas.

   Within this Focus Area 6 buildings/connections have been identified for 4c (33 having been connected for the whole of Area 4).

5. **Ealing Hospital** Area. There major hospital site is adjacent to an extensive development of residential properties, with a light industrial estate further to the west. The hospital would form an ideal anchor load for any development in this area.

   Within this Focus Area 8 buildings/connections have been identified.

6. Linking of communal boiler systems. A number of council-owned estates are densely located in this area. A closer investigation of potential consumer heat loads and profiles is

worthwhile in this area. The housing units in the **Ferrier Road/Union Road** area are believed to benefit from communal boiler systems. This presents an ideal opportunity to link these together. Properties nearby including the local school could also be drawn into a small network.

Within this Focus Area 7 buildings/connections have been identified.

7. **Greenford Road**. There are a number of buildings in this area but they are not large heat users and are not in close proximity with each other in sufficient number to gain the critical mass needed for a network.

   Within this Focus Area 25 buildings have been identified.

8. **North Acton** - Southern Park Way – Park Royal – EfW. This area may be of interest because of a proposed EfW facility declared cooperation between Ealing and Brent Councils, and a high level of interest from the Park Royal Partnership. However, the heat demand in this area is anticipated to be low potentially affecting the commercial viability of a network

   Within this Focus Area 8 buildings have been identified.

In total over 220 buildings/connections have been identified as being within the 8 Focus Areas.

Table 2 summarises the estimated heat loads for each of the Focus Areas.

Focus Area	**Estimated heat consumption (MWh/yr)**
1. South Acton Estate	29,233
2. Ealing Metropolitan Centre / Green Man Lane	28,992
3. Copley Estate	21,705
4. (4c) Southall Gas Works.	23,907
5. Ealing Hospital	35,477
6. Ferrier Road / Union Road	1,071
7. Greenford Road	7,221
8. North Acton	8,169
TOTAL HEAT DEMAND	**155,775**

Table 2: Focus Area heat demands for potential district heating network(s)

These Focus Areas are indicated in Appendix 5. The buildings for each focus area are listed in Appendix D.

4. IMPLEMENTATION PLAN

4.1 Focus areas

Having identified Focus Areas where a heat network may be able to be created, we have tried to ring fence heat loads within. We have then extracted the building data within each Focus Area and tabulated the summary data. The data tables, for each Focus Area, can be found in Appendix D.

The data in the Focus Area tables are set out in order of greatest magnitude of annual energy consumption. It should be noted that we consider some of the information regarding the energy consumption not consistent with the type and use of the building, so it is possible that the original data provision may include errors. Some buildings have no heat data but have been included for information as they may have the potential of contributing to the development of a heat network.

The ranking of the Focus Areas has been generally set out on a High/Medium/Low basis. This ranking is to allow the Borough to concentrate their efforts in areas of greatest potential. A Low ranking does not mean to convey the impression that the area has no potential for a heat network; merely that it is comparably less likely than another.

Ranking also takes into consideration local impacts such as major road, rail and water course that may impede the development and/or expansion of a heat network and these are set out in the 'Barriers' column of the Implementation Plan in Appendix E.

At this stage we have not determined the viability of each building connection as this is an activity that would occur during a more detailed feasibility study. Appendix E contains the tabulated Implementation Plan with respect to each Focus Area and the Focus Areas are illustrated in Appendix 5.

The implementation plan needs to be read and utilised in conjunction with the information conveyed in Section 6, 7 and 8 below.

4.2 Further data gathering

In order for the Borough to maximise the opportunity of each Focus Area, consideration should be given to gathering data on the buildings that this study was unable to retrieve due to time constraints. This work could be considered as part of the detailed study of individual Focus Areas or as a separate study.

4.3 Cross Borough opportunities

Ealing is bordered by a number of neighbouring Boroughs. In the process of analysing the data we have identified that there are two areas where cross-border cooperation should be considered.

In the area near North Acton close to the Park Royal site there is a cluster of 3 or 4 heat loads that may be worthy of being connected to a heat network. The remainder of the area close by within Ealing Borough, does not appear to provide sufficient heat load. It is possible that should Brent Borough Council be developing a network close to this area that this small cluster may benefit better by connecting to this network.

In the South Acton area close to Chiswick High Road, a small cluster of buildings exist but it is considered that these lie within the Borough of Hounslow. Should the South Acton cluster extend sufficiently south enough, via Bollo Lane for example, to make such a connection viable this should be considered as a suitable site to connect to.

5. COMPLETE DISTRICT HEATING SYSTEM

District heating (DH) is a method of delivering heat from a variation of heat producing sources to a variation of heat customers. Heat produced from sources such as natural gas, oil or renewables burned directly in boilers or through combined heat and power (CHP), or a combination of both, can be delivered to residential dwellings, commercial & public offices, schools, warehouse and factory, hospitals plus industrial process heating.

Conventionally the heat demand in a DH system is met by waste heat from power stations and EfW plants utilising a heat generation which would otherwise be wasted and subsequently it comes at a very low cost. In smaller schemes it is common to look at installing the heat production, which often unfortunately adds cost to the scheme.

The advantage of a district heating system is the flexibility and the ability to utilise a variety of heat sources, including what can be called low-grade heat.

While CHP and district heating enable the delivery of low-carbon energy on a large scale, it is the renewable fuel used in the process that makes all the difference. For this reason, the use of biomass, biogas, or biofuel is becoming more widespread though the sourcing of such fuels must be analysed with care.

When considering implementing DH, Ramboll's experience shows that two of the key principles are to avoid advanced technologies during the early stages and to avoid overspending on the district heating network. A phasing of the build-out would be part of the suggested approach.

A number of options are likely to emerge when the objectives of a district heating project are considered. We will briefly outline a couple of the principles that we would suggest to be followed in a project.

First we think it important to avoid advanced technologies at the early stage of a project. Simple or proven technologies are cheaper to install, they carry less risk in terms of operation and maintenance and once the project is running and creating revenue, there will be a more solid base for further investments.

The second principle is to avoid overspending on the network and therefore a phasing of the build-out would be part of the suggested approach. District heating networks require considerable investments and it is necessary to optimise dimensions both in the initial situation and with a view to future proofing. The crucial part of the establishing of a district heating system is to ensure that enough customers connect at an early stage.

The complete district heating system includes everything between the heat exchanger at the heat production facility to the consumer's heat exchanger.

A complete district heating system includes as main components:

- Heat Production
- Pumps
- Pressurisation system
- Controls
- Pipes
- Heat exchangers and End-user installations

In addition a thermal store could be part of a system as well.

The network links up the heat production and the end users.

Often a feasibility study is carried out in broad terms to assess the viability of a district heating scheme. A feasibility study can be carried out to different levels of detail and can look more closely at technical and/or financial issues. Planning and implementation is also often focused early on. Not until a preliminary or detailed design would we generally look in detail at identifying all the equipment necessary for a specific district heating system.

The heat production facility is generally considered to include heat only boilers (HOB) and/or the production of both electricity and heat i.e. CHP.

CHP is, as a rule of thumb, only operated as a base load as, depending on the technology, it may be difficult and/or inefficient to operate according to daily variations in demand. In a well designed district heating network heat from CHP will provide between 60% and 80% of the annual heat requirement with heat-only boiler plants providing the peak load and back-up.

Larger solar thermal arrays are also sometimes included in a district heating system. There are a number of examples in Europe where large-scale solar thermal arrays have been integrated with district heating networks. District heating schemes offer maximum energy utilisation from solar energy as a heat sink for the low temperature water.

There are technical and hydraulic components of a district heating scheme that are important to the design and operation of a system and there are considerations to be made in respect to temperatures, pressure, base and peak heat load and reserve or back-up requirements.

In general a district heating network can be divided into three main parts:

- The transmission network
- The distribution network
- The internal heating system at the consumer.

The transmission network operates at high temperatures and pressures and carries large amounts of heat from larger heat producing units such as central power plants, waste incineration plants, to strategically placed heat exchanger stations where the heat is transferred to the distribution network.

The distribution network, operating at lower temperatures and pressures than the transmission network, supplies heat to each individual consumer. Normally, the transmission and distribution network interact only through heat exchangers meaning that they are hydraulically separated. In many cases this also applies for the interface between the distribution network and the internal heating system at the consumers.

The cost of installing the heating network depends in summary on four factors:

- The design operating temperature and pressure
- The complexity of existing services
- The length of the network
- The peak heat demand

Although not considered for this study it might be an option to use the heat distribution network for district cooling purposes in the summer. For example, the network can be used to transmit hot water to decentralised absorption chillers producing chilled water for a group of consumers. In this way it is possible to utilise any the surplus heat from the heat production plant e.g. the CHP plant in the summer.

From a design and operation point of view higher temperatures are desirable when considering the use of absorption chillers. A high temperature heat source will reduce the overall size of the chilled system. Therefore, from a district cooling point of view, the higher the operation flow temperature in the distribution network the better.

5.1 District heating network outline

As part of the heat map study work Ramboll has outlined two examples of a heat network. An area around the Ealing Metropolitan and Green Man Lane was selected and can be seen in Appendices 6 and 6.1. A further area in South Action was selected and can be seen in Appendices 7 and 7.1. Further details can be seen in the sections below.

5.1.1 Pre-conditions

The outline of the district heating network considered in this assessment is based on the conditions described below.

The flow temperature has been chosen as 90ºC and the cooling of the district heating water, which could also be expressed as the delta (Δ) T through all consumer installations, chosen as 40ºC (meaning that the consumers return the district heating water at or below 50º C). A ΔT of 40 ºC at a flow temperature of 90ºC is normally a very cost effective option to minimise construction costs of district heating networks while still meeting the standard heating design temperatures within the properties for connection.

The distribution network is recommended as being pressure rated at 16 bar. A maximum pressure of 16 bar and a static pressure of 1.5 bar, therefore, has been used for the hydraulic optimisation. A pressure difference of 1 bar at the end-user installations has also been assumed.

It is assumed that there are no significant changes in ground level throughout the study area but no information is available in this respect.

The necessary pipe dimensions are estimated by using the software package "SYSTEM RORNET", which is a simulation programme for hydraulic and thermal analysis of district heating networks. SYSTEM RORNET (SR) calculates the optimum diameters of the pipes based on knowledge about temperature difference between flow and return, pressure levels, costs for piping and the maximum velocity in the pipes. SR is a Ramboll in-house software package specifically developed for district heating and cooling network optimisation.

5.1.2 Heat loads and Diversity

Heat loads are used for network dimensioning and are calculated based on the annual heat demand.

In a district heating network the branch supplying a single consumer is designed for the consumers peak load demand. A distribution pipe supplying several consumers is not designed for supplying all the consumers with their peak load demand at the same time; the individual peak load demands will not occur at the same time due to diversity. Therefore, the peak load demand of each consumer has to be multiplied by a diversity factor to find the heat load that the distribution pipe should be designed for.

The annual heat demands in Tables 3 & 4 are turned into heat loads using a yearly utilisation time of 2,250 hrs per annum taking diversification in the system into account.

The rounded heat demands and network heat loads for the schemes are shown in Tables 3 & 4.

Area	Estimated heat consumption (MWh/yr)	Max. Heat Load (MW)

Part of Focus Area 2.	25,000	11.1
Part of Focus Area 5.	35,000	15.6
others	2,400	1.1
TOTAL HEAT DEMAND OF NETWORK:	**62,400**	**27.8**

Table 3: Rounded heat demands and loads estimated for the potential district heating network.

Area	**Estimated heat consumption (MWh/yr)**	**Max. Heat Load (MW)**
Part of Focus Area 1.	27,000	12.0
TOTAL HEAT DEMAND OF NETWORK:	**27,000**	**12.0**

Table 4: Rounded heat demands and loads estimated for the potential district heating network.

5.1.3 Network layout

5.1.3.1 Ealing Metropolitan/Green Man Lane

A network layout showing the proposed nominal diameters is seen below:

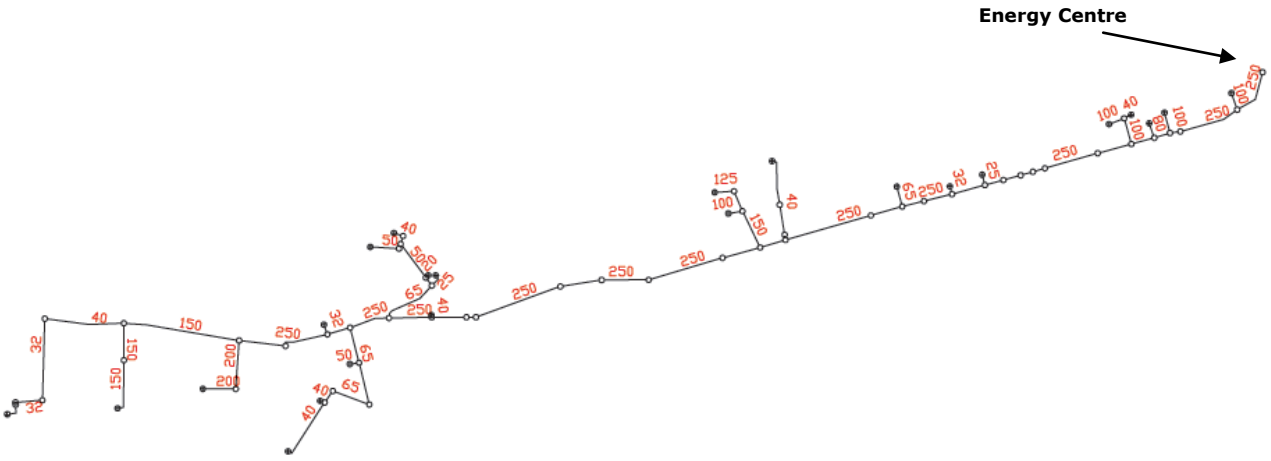


Figure 1: Example heat network layout – Ealing Metropolitan/Green Man Lane.

The total length of the network is approximately 6.5 km. The largest pipe dimension is DN250.

The network outline above can also be seen Appendix 6.1.

5.1.3.2 South Acton

A network layout showing the proposed nominal diameters is seen below:

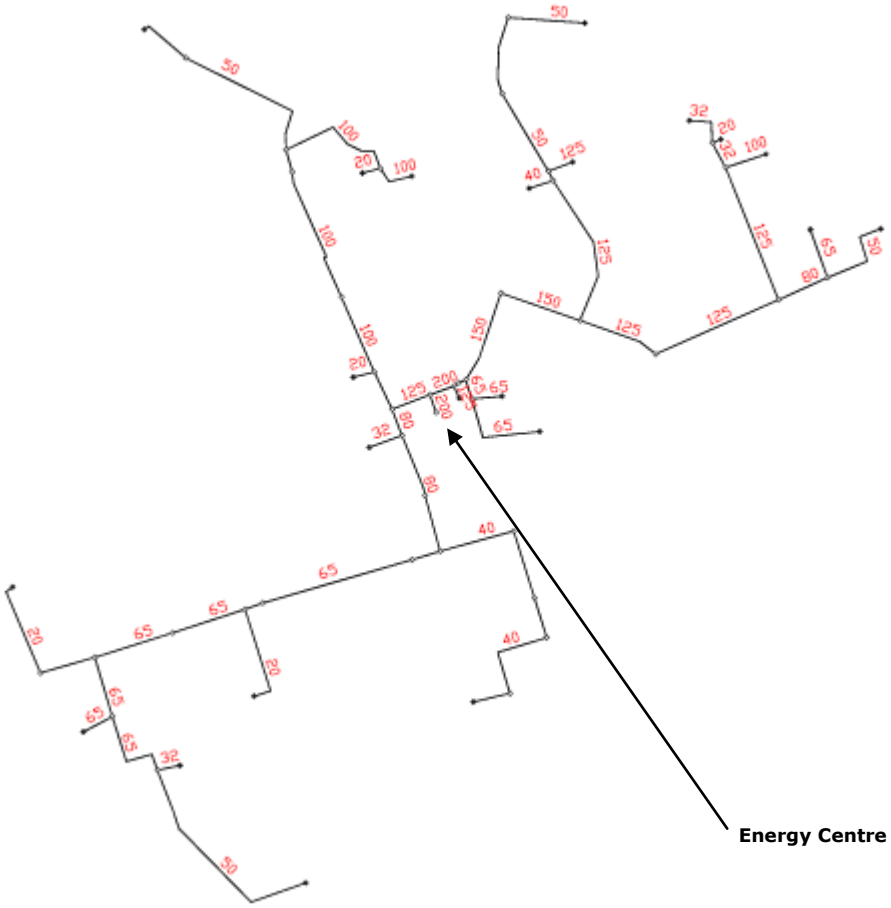


Figure 2: Example heat network layout – South Acton.

The total length of the network is approximately 4 km. The largest pipe dimension is DN200.

The network outline above can also be seen Appendix 7.1.

5.1.4 Heat Loss from the Network

5.1.4.1 Ealing Metropolitan/Green Man Lane

The network heat loss has been estimated based on the proposed pipe dimensions, the flow and return temperatures and the assumption that the surrounding soil is at 8 °C. The heat loss in a full load situation is found to be around 280 kW which gives a heat loss of around 2,000 MWh per annum.

5.1.4.2 South Acton

The network heat loss has been estimated based on the proposed pipe dimensions, the flow and return temperatures and the assumption that the surrounding soil is at 8 °C. The heat loss in a

full load situation is found to be around 135 kW which gives a heat loss of around 1,000 MWh per annum.

5.1.5 District heating main network cost estimate

5.1.5.1 Ealing Metropolitan/Green Man Lane

The network costs have been estimated to be around £9,740,000. This excludes the cost of the energy centre and any modifications required by buildings to connect to the heat network.

5.1.5.2 South Acton

The network costs have been estimated to be around £3,900,000. This excludes the cost of the energy centre and any modifications required by buildings to connect to the heat network.

5.1.6 Comments on network

The networks indicated are an example of connecting a number of buildings across focus areas. The focus areas are to some extent indicative and a network does not have to consist of the precise number of buildings.

The outlined networks are, in UK terms, relatively large both in respects to the length and demand that is being met.

The exact approach and connection of buildings should be investigated in more detail.

6. DISTRICT HEATING VIABILITY

District heating represents a significant capital investment. Often it requires long term investment to pay for the establishment of a district heating network.

This very high level assessment study does not include a detailed cost analysis which would be required to fully evaluate the viability of a complete district heating scheme. This study does not provide enough information to fully evaluate the viability of a complete district heating scheme with all its capital costs and operation and maintenance over a whole life cycle.

This assessment only looks at the outlined heat network as an example from when it leaves the energy centre and to a node or point of entry into a building or area of buildings. It does not include any heat production facility or energy centre, any heat exchangers and/or consumer interface units.

The network costs are generally by far the most significant investment which can account for as much as 70% of the total capital investment.

This is of course very rough estimate based on a basic network outline which needs to be validated with a feasibility study.

When looking to establish the feasibility and/or options available in respect to implementing a district heating infrastructure there are a number of potential variations and/or level of detail that can be required. It is unlikely that there will be one model that fits all potential schemes and it will be important to look at the particular scheme to establish the best way forward.

In terms of viability there will be other measures than capital costs and short paybacks should be contributed a value. Ramboll's experience from Denmark is that district heating offers many environmental, social and in a longer perspective also economic benefits to a community or country as a whole.

The history of both large and medium scale district heating systems bears evidence that the scale of the investment and the length of the payback period make both the funding and the organisations implementing and operating the system very important when considering a scheme.

The delivery vehicle is frequently referred to as an Energy Services Company (ESCO) in the UK but a traditional ESCO is not necessarily always the answer. The scale of the technical installations, the complexity involved in the phasing of the scheme and the commercial arrangements could call for a different approach. Again the details of the specific scheme proposed will and should have an influence in the model chosen.

The requirements of those who finance schemes will have a strong influence over the chosen delivery vehicle, and the nature of energy supply agreements. They will lead to fundamental requirements that will include:

- Return on capital
- Servicing of debts
- Loan period
- Supply agreements

Looking at the history of district heating in the UK each of the models used in the past has been driven by Local Authority leadership, influenced by specific local priorities, and constrained by policies governing the apportionment of risk and public sector borrowing.

There is a variation on the ESCO model which has been termed a MUSCO (Multi Utility Services Company). This approach has not yet been implemented on any significant scale in the UK. The UK's largest MUSCO is currently being planned in London[1].

Setting up the delivery model for a potential district heating scheme is often a study in itself.

The demand for flexibility could be the most serious obstacle to a framework contract with a private enterprise, but also the financing, which is essential to the future heat price. This is very important because it will influence the heat price and thereby the competitiveness of the scheme compared with the alternatives.

An obvious conclusion, therefore, could be that the delivery vehicle will have to be based on a public framework agreement, possibly including private stakeholders but with strong influence from local government. The planning requirements and the fuel poverty issue also point in the direction of a public enterprise.

The investment in the pipe network is substantial and long-term and developers often find it difficult to identify any special conditions that would make the scheme more attractive to them.

If we look at the most successful schemes in the UK, like Sheffield and Nottingham, they were originally set up by the city councils as public enterprises driven by social and environmental goals.

We are not aware of any modern district heating scheme in any part of the world that has been established without public investment or other public support mechanisms and it seems unlikely

[1] The London Borough of Southwark has determined that the regeneration of the Elephant & Castle district should be a model of sustainable development with particular focus on reducing the energy-related carbon footprint of the new developments. The regeneration is privately funded but facilitated by the public sector (LB Southwark), necessitating a private sector solution to the provision of low carbon energy services to the site.

that significant scaled scheme can go ahead without local authority initiative and financial support from either local or central government.

In section 7 we look a little further at non technical issues to consider when venturing into a district heating project.

7. OTHER DISTRICT HEATING NETWORK ISSUES

There are a number of technical issues that have to be overcome to be able to establish a heat network but the development, installation and operation of a system has some very important aspects from the (relatively) short term engagement to the very long term operation and maintenance.

The following outlines some of the non-technical issues that need careful consideration and inclusion prior to the development of a heat network.

7.1 Local Authority and stakeholder engagement

Engaging the Local Authority (LA) and other stakeholders early in the development process can result in a simplified marketing requirement.

A continued engagement will allow aspects of the future system to be explained and accepted. Many of the benefits that can be deployed through a district heating (DH) system can be relayed through local meetings and positive press coverage. It is important that, at this stage, robust technical and commercial support and guidance is offered to ensure that the correct technical and economical message is conveyed.

7.2 Marketing

Marketing, particularly to third party potential business, is key in informing and reassuring. New developments that will have obligations under National Planning Policies may feel that their options are limited by the presence of a local heat network and will require gentle and informative guidance as to the benefits of a DH system. Typically discussions would concentrate on capital cost savings over a traditional solution, operational cost savings, reliability of operation, efficiency and controllability of the DH system and space saving. In many instances many aspects of building design can be simplified and enhanced by not having to design in space for boiler flues, for example.

A different approach can be taken with existing buildings whose heating plant has reached, or is about to reach, the end of its working life. In many cases a need is automatically created and can be met with a DH connection. Discussions at this stage can typically involve speed of solution and cost rather than the other benefits.

Maintaining a close awareness of existing buildings without an immediate need for a connection will be an ongoing activity until such time that their heating system comes to the end of its working life. Other factors like fuel price or modernisation may accelerate a change.

Clearly these activities will require resources – particularly at the outset –maintained throughout the business via the use of a computerised customer database.

7.3 Local Authority involvement

The LA involvement is essential in creating the correct environment for the success of a DH system. Much of the assistance that the LA can contribute is the coordinated view of new and existing development when considered from a LDF perspective. This critical element will provide an, as yet, developing DH system useful foresight of potential future business.

Close cooperation with the Planning Department will help develop a coordinated approach to helping the LA adhere to National Planning Policies particularly with respect to Energy and Sustainability.

A continued dialogue and understanding with the 'Highways' department will ensure that the installation of the DH apparatus in LA possessed land can be identified to ease the financial and technical risks involved in the ongoing development.

Ideally a LA would want to have cross-party consensus on the development of a DH system but it is important that such a development should have, at least, a champion at Councillor level; if not at Officer level. Maintaining the political will for such a scheme in the early days of development can provide a powerful boost to the uptake of a DH system.

7.4 Operating company

7.4.1 Structure

Very early in the conceptual stage of business development, a decision has to be made regarding the future structure of the Operating Company. Typically, reference is made to an Energy Services Company (ESCo); this being a common offered solution. In reality the formation of an operating company can be borne out of the inclusion of a number of sources and be quite fluid in its structure.

If the LA is driving the initial agenda, it is they who can provide the initial staff to operate the Company. LAs have a broad skills base from which they can second specific requirements until such time as the company can recruit. Typically resources from housing, engineering, highways and finance departments would have the skills base to provide assistance and may be able to be seconded on an extended or permanent basis.

More specialist skills that are unique to DH systems, e.g. pre-insulated pipe laying will have to be contracted in. It is unlikely that the Company would become sufficiently large enough to directly employ such specialism but it could share this with neighbouring developments as the demand increases.

The size of the initial business may preclude a formal structure but the diagram below indicates a typical organisation.

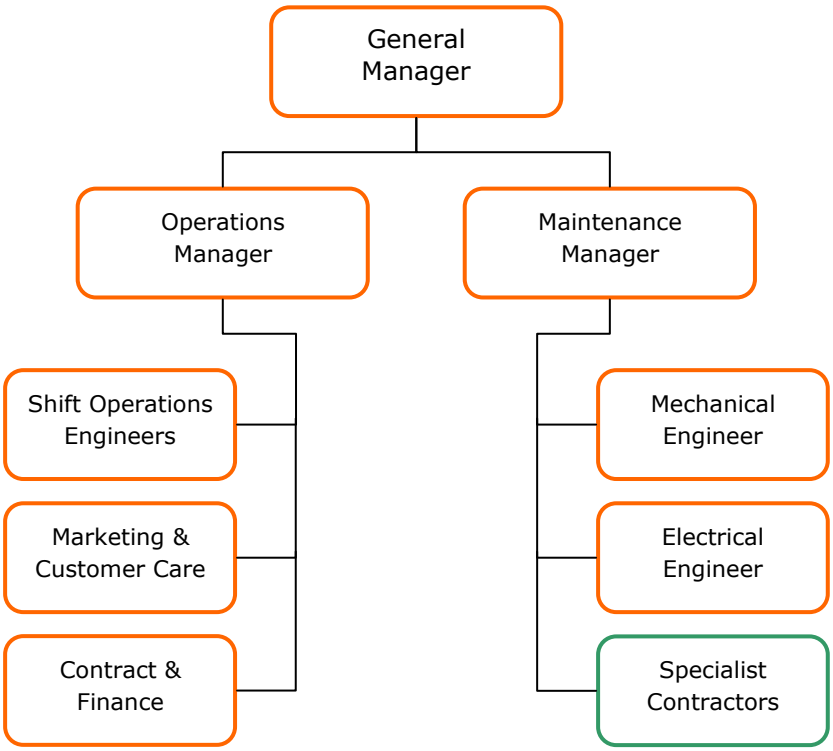


Figure 3: Typical organisational structure.

A General Manager will be required to provide the company figurehead, take responsibility for business development and interaction with shareholders and key stakeholders. The General Manager will be instrumental in driving expansion and growth.

The identification of a separate Operation and Maintenance work streams is to ensure that sufficient importance is allocated to each. The asset base will grow to a multi-million pound responsibility and the Company should ensure that sufficient resources are allocated to its long term care.

The Maintenance team may need to grow over the early years, depending upon the intended size of the DH system. It is prudent to identify this team early on to allow familiarisation by the team of the technology. This is critical in engendering confidence in the new customers of the system, particularly in the very early months of operation.

Specialist services should be handled by contractors and this can often lead to a long term partnership through which benefits and security can be developed.

The Operational work stream is no less important but has a different kind of imperative. It can also be seen to compose of a technical and a non-technical requirement.

The technical operation of the system ideally requires constant monitoring and control to take place. A control facility will have to be established for both the energy production and the DH network. This can act independently of labour but it is not possible to make all decisions and manual intervention is ultimately required. Decision making for the operational strategy – which can change periodically – has to be carried out. Finally the whole DH system has to be monitored for correct operation and for information feedback to the Maintenance work stream.

The non-technical element of the work requires marketing, contract and financing skills and again these can be seconded in. Marketing skills should be seen as an early requirement to assist in the development and acceptance of the concept of the DH system. Finance and contract issues will

require sufficient resources to ensure revenues are secured. This will require suitable operational assistance from accurate metering and data collection.

It is possible, of course, to outsource some or all of these work streams but whatever the set-up of the operating company might be, it is necessary to have a core staff dedicated to the operation of the system. It is important to ensure a high degree of stability in staff so that the lessons learned during the operation of the system can be more effectively adopted in the operation strategy. It is for this reason, though, that it should be carefully considered whether the operation should be outsourced.

7.4.2 Delivery Vehicle

The size and structure of an operating company, be it a traditional ESCo or any other arrangement, will depend on the duties undertaken by that specific company and whether these duties include maintenance.

There are a number of models that can be identified which can be used to establish an 'ESCo'. Each of these models can be been driven by Local Authority leadership, influenced by specific local priorities, and constrained by policies governing the apportionment of risk and public sector borrowing and can be broadly characterised into five models:

- Private enterprise driven by public sector framework agreement
- Private enterprise driven by public sector stakeholding
- Social enterprise driven by public sector stakeholding
- Social enterprise driven by consumer and public sector stakeholding
- Public enterprise driven by social and environmental goals

The variations between these models are largely the result of the following factors:

- Public sector borrowing: The need to minimise borrowing that would appear on a Local Authorities balance sheet, as required by Central Government.
- Exposure to risk: The need to minimise the potential exposure of a Local Authority to financial risk if an ESCo was to default on finance repayments.
- Expansion and replication: The ability of the ESCo and its partners to expand and replicate energy networks across towns and cities.
- Social and environmental goals: The ability of an ESCo to strategically deliver on social and environmental goals in the short, medium and long term.

7.4.3 Financing

Clearly the ongoing access to finance to further develop the DH system is an essential element of the success of the system.

Whether through public borrowing, privately provided debt or equity finance or European infrastructure investment funds, the cash flow for repayment will need to generate sufficient surplus to cover the lenders required rate of return.

The lender will need to be provided with sufficient security in the event that the ESCo is unable to service its debts. This could take the form of equity geared finance but can also be in the form of energy supply contracts particularly if sufficient number of contracted anchor loads can be secured – often this can come from the LA controlled buildings.

The period of the loan repayment could vary from 5-20 years for Bank debt finance or private equity, to 10-15 years or more for public sector borrowing or European investment funds or a

combination of a number of sources. Clearly care has to be taken to ensure the financing matches the long term business plan.

Debt risk has to be sufficiently factored into any financing arrangements with individual housing typically carrying the highest debt risk. This can be mitigated through contracting with the housing provider who will have already factored this into their business models.

7.4.4 Contract arrangements

The type and duration of the energy supply contracts will be intrinsically linked to the financing options open to the ESCo.

Energy supply contracts can be made up of a number of items ranging from a balance of capital and revenue, including operational incentives and penalties.

It may be possible to require consumers to pay the full cost of heating connections, thereby reducing the risk associated with recovery of capital costs through an availability charge. This, though, can often make connections to smaller buildings unviable. Larger ESCos may have the financial strength to offset some of the capital cost through an availability charge, making connection more attractive financially to building developers and managers. The balance of the capital cost recovered from the long term revenue of the energy charge.

District heating, by its very nature, represents a monopoly supply but this is necessary to securitize the high capital costs. This, however, can raise concerns for customers – particularly commercial building managers who may have the ability to negotiate wholesale energy tariffs. It is therefore important that supply agreements are transparent and linked to retail and/or fuel price indices to ensure they remain competitive throughout the life of the contract.

Variable and optional contract elements can include time weighted tariffs to reward the avoidance of demanding heat at peak times. Operational 'cooling' tariffs ensure that the building connected to the DH system consumes energy correctly (kWh/m^3 DH water delivered).

7.5 Building surveying/Optimisation

Identifying existing buildings capable of being connected to a DH system will initially involve ascertaining whether they have a 'wet' heating system, typically those using radiators.

Clearly buildings that have electric based heating systems will not be suitable without significant modification. This work is still possible and has been typified, for example, in the refurbishment of tower blocks originally built with electric underfloor heating.

Buildings that are notionally able to connect to a DH system may still need to be determined for suitability. Many heating system are designed using old design techniques applicable to coal fired heat generation and are not suitable for DH without some modification.

Whilst the process of surveying a single building is not time consuming, the process of surveying all buildings initially highlighted for connection will require a carefully structured programme of work. The interpretation and determination of any solution required will then have to be disseminated to the building owner to start the process of optimisation.

Optimisation of building heating systems requires careful adaptation and negotiation with the building owner. This activity can be time consuming and must be considered at the earliest opportunity as the process may take several months and require investment to undertake. It is possible that evidence of the operating parameters has to be gained prior to an assessment being complete and this could require a winter period being monitored further adding time to the

process. It is possible that this process can create an unpopular environment between building owner and DH operator so it is critical that the impact and potential disruption are communicated as soon as possible. It is often the maintenance staff of the building that can provide the most insight into a building heating system and building a close working relationship with these people can simplify the optimisation process.

7.6 Planning

An important and inherent part of the implementation plan is the need to assess the potential of connecting heat loads beyond the original scope. This may include areas beyond which any control can be employed.

It is quite possible that in situations where heat loads surround a boundary between LAs, for example, it should be considered that these heat loads can form part of the scope of the system. Careful coordination with neighbouring LAs should take place to ensure the optimum solution for cross-border heat supply is arranged.

The identification of buildings currently in the planning process should be considered carefully as to whether they can form part of a future system. The development of a DH system may take several years by which time any building having previously identified through the planning process, is likely to have been completed with a conventional energy source. Whilst the building may still be able to be connected, the building owner is likely to be left with a stranded asset.

7.7 Licensing and Legislation

Any new Energy Centres will require planning consent under the standard procedure required of by the Town and Country Planning Act 1990.

Emissions from installations with a gross energy input of more than 50MW will be legislated under the auspices of the IPPC Directive. The Directive has a number of requirements that the ESCo will have to adhere to. The ESCo shall need to demonstrate that BAT techniques have been employed, that a suitable Environmental Management System is in place with robust control systems and procedures and that a full understanding of the releases to atmosphere can be shown.

Emissions from installations with a gross energy input below 20MW will require approval to be granted by the Local Planning Authority.

The installation of pipework into the ground will require to be carried out under the provisions of the Roads and Street Works Act 1991 and the Traffic Management Act 2004. This provision is applicable in the case of land under the control of the Local Highway Authority, TfL or other statutory body (Authority). The Authority can grant licenses to install and maintain apparatus but also can constrain when and for how long the highway can be opened for. Considerations such as traffic sensitivity, bus and ambulance routes will determine the working window for pipe installations and maintenance. Knowledge of these potential restrictions must be part of the detailed planning to ensure that the capital (and subsequent maintenance) costs are not adversely affected.

When pipework and equipment is installed in land not controlled by the Authority, the ESCo will have to enter into negotiation with the land owner(s) for this right. This can be a lengthy and costly process as legal agreements will have to be drawn up in advance of any work being carried out. The cost of this work plus the ongoing (annual) charges, likely to be levied by the land owner, should be weighed up against the additional capital cost of a less direct pipe route.

Generally District Heating undertakings are classified as a Specialist Rating Unit (SRU) class and the responsibility of the rating lies with one of the regional SRUs. Valuation of the equipment has been a matter of discussion for some years but the VOA adopts a policy that such undertakings should be valued under the Contractor's Basis. There generally is a potential for reasoned discussion with the regional SRU regarding the final valuation.

8. RECOMMENDATIONS & WAY FORWARD

Ramboll's experience is that district heating offers many environmental, social and in a longer perspective, economic benefits to a community or country as a whole. For example, around 60% of all households in Denmark are connected to a heat network with three-quarters of that heat supplied as waste heat from CHP plants, some of which are biomass fueled. A further 12% comes from waste incineration, 6% is biomass burned in boilers and 3% is industrial waste heat. Only the remaining 4% is natural gas or oil used in back up boilers during peak demand or to provide spare capacity in case of emergency or maintenance.

Eight Focus Areas were identified in this study and ranked in the flowing order;

South Acton – High
Ealing Metropolitan Centre / Green Man Lane – High

Copley Estate – Medium/High
Farrier Rd/Union Rd – Medium/High

Ealing Hospital/Hanwell - Medium

Southall – Low
Greenford Rd - Low
North Acton - Low

The heat network proposals for the Borough of Ealing and others like it are fundamental to the UK and its environmental targets. Hitherto, there has been insufficient importance placed on the role heat networks can play in the future energy demands of the country.

Recently though the UK has finally seen heat moving up the political agenda. Heat and its production and utilisation are being discussed through various consultations. This heat map study and future potential implementation of schemes is timely and can show the way forward.

The investment in a heat network and can be considerable and it is important that the work is planned to reduce risks.

When implementing district heating there are a number of good practices and recommendations in relation to the design and installation that have been developed over the years.

This study is a very early high level assessment of the potential network locations. The next phase should be to complete a more detailed feasibility study of the preferred schemes as a whole.

- A detailed and more in-depth study would examine the heat demands and their connection to a district heating system in more detail.

- Due to the varying sizes of the district heating networks considered in this study and to fully consider the potential for a Borough-wide approach, a more detailed study needs to consider the transmission/distribution network approach as to what will be the best technical solution in combination with the viability of the scheme.

- The investment is significant and a more detailed study should look at phasing the implementation of the heat networks and look at reducing the investment risk.

- A detailed cost analysis and viability calculation based on whole life cost should be carried out on each network.

It is likely that even following a detailed feasibility study that a number of questions and uncertainties will remain. These should be thoroughly investigated and/or determined directly.

The detailed specification for the installation and maintenance of the district heating network is something worth considering as early as possible in the project process. This helps to gain greater certainty for both the capital and operating costs.

Ramboll would recommend that;

- A feasibility study or number of feasibility studies be undertaken for each of the recommended Focus Areas potential heat networks.
- A study should be undertaken to determine what other buildings, not identified within the scope of this study, could form part of the core heat networks.
- For each heat network an additional investigation should be undertaken to consider the network and the heat production facility in more detail.
- A study should be undertaken to determine the heat data for buildings that this study was unable to retrieve
- A study should be undertaken to determine how the heat energy demands for the Borough – as a whole - can be met, particularly from low carbon sources. This work should be considered in light of the developing heat networks.
- Consideration should be given to determining an overarching energy plan with all neighbouring Boroughs.

Once the decision has been taken to establish a district heating scheme it is Ramboll's experience that the next stage should be a preliminary design.

The project process can be listed as below, what is included within the different stages will depend on time and budget available but it is important to the success of the scheme that it is planned and investigated thoroughly.

- Feasibility study – can be carried out at different levels
- Preliminary design
- Detailed design
- Tendering / procurement
- Construction management
- Supervision
- Commissioning

LONDON DEVELOPMENT AGENCY

Ealing Existing Sites

N

A1 Landscape

Date: 31/03/2010
User: CM
Company: Arup
Scale: 1/16,000 at A1

Legend

- 2.1.2.1 Multi-Address buildings (>49 per building)
- 2.1.2.2 Sport & Leisure Facilities
- 2.1.2.3 Prisons
- 2.1.2.4 Hotels
- 2.1.2.5 Educational Facilities
- 2.1.2.6 Police Stations
- 2.1.2.7 Fire Stations
- 2.1.2.8 NHS
- 2.1.2.9 Museums and art galleries
- 2.1.2.10 Central government estate
- 2.1.2.11 Local government estate
- 2.1.2.12 Churches
- 2.1.2.13 Private Residential (>149 units or 9,999 m2)
- 2.1.2.14 Private Commercial (>9,999 m2)
- 2.1.2.15 Other Public Buildings
- 2.2.1 EU ETS sites
- 2.2.2 CHP Sites
- 2.2.3 Power plants
- 2.2.4 Energy from Waste plants
- 2.2.5 Other low or zero carbon plants
- Boilers Network
- Boilers Supply
- Boilers and CHP Network
- Boilers and CHP Supply
- Heat from Power Stations Network
- Heat from Power Stations Supply
- Energy from Waste Network
- Energy from Waste Supply
- Other Network
- Other Supply

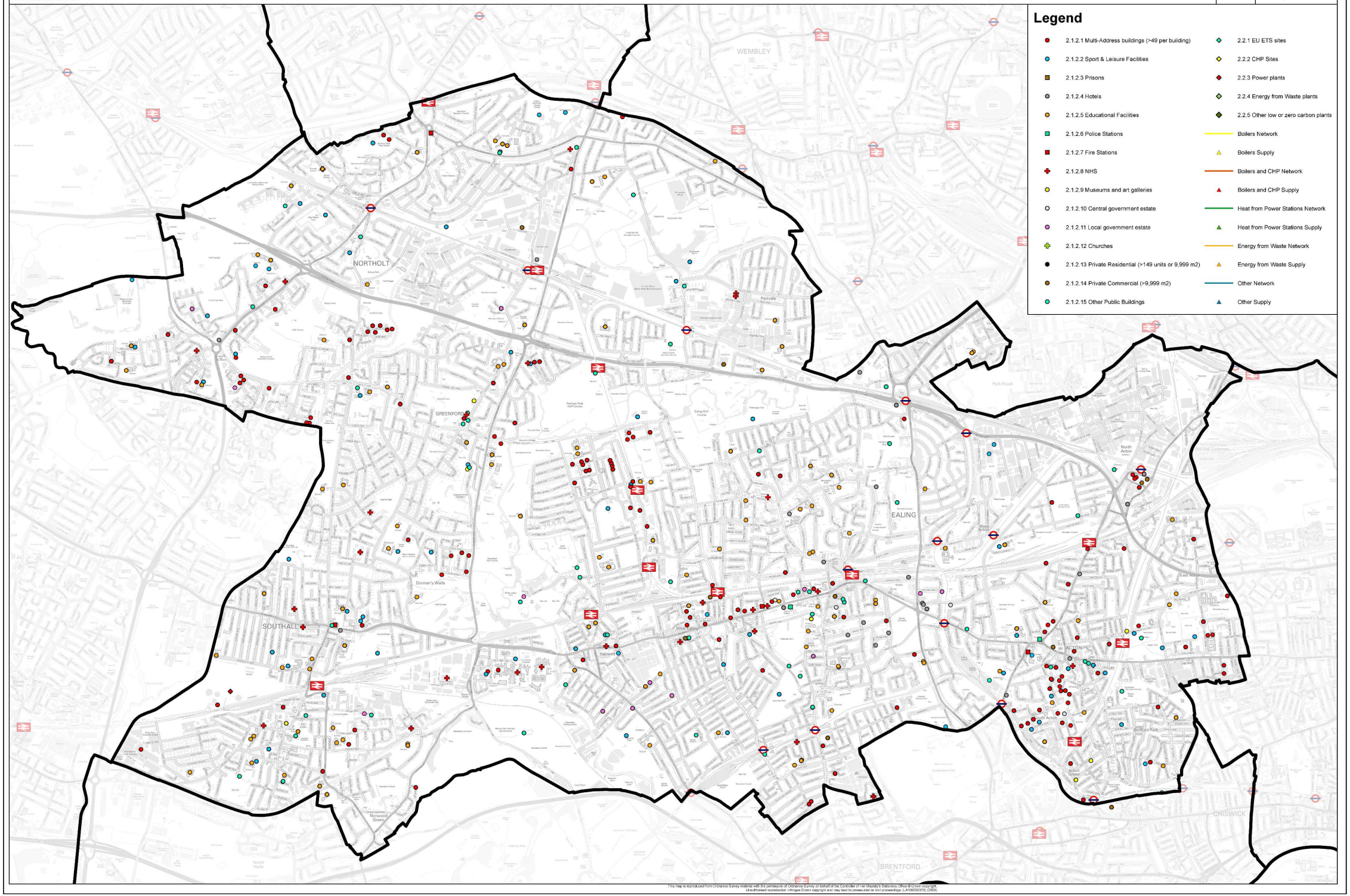
LONDON DEVELOPMENT AGENCY

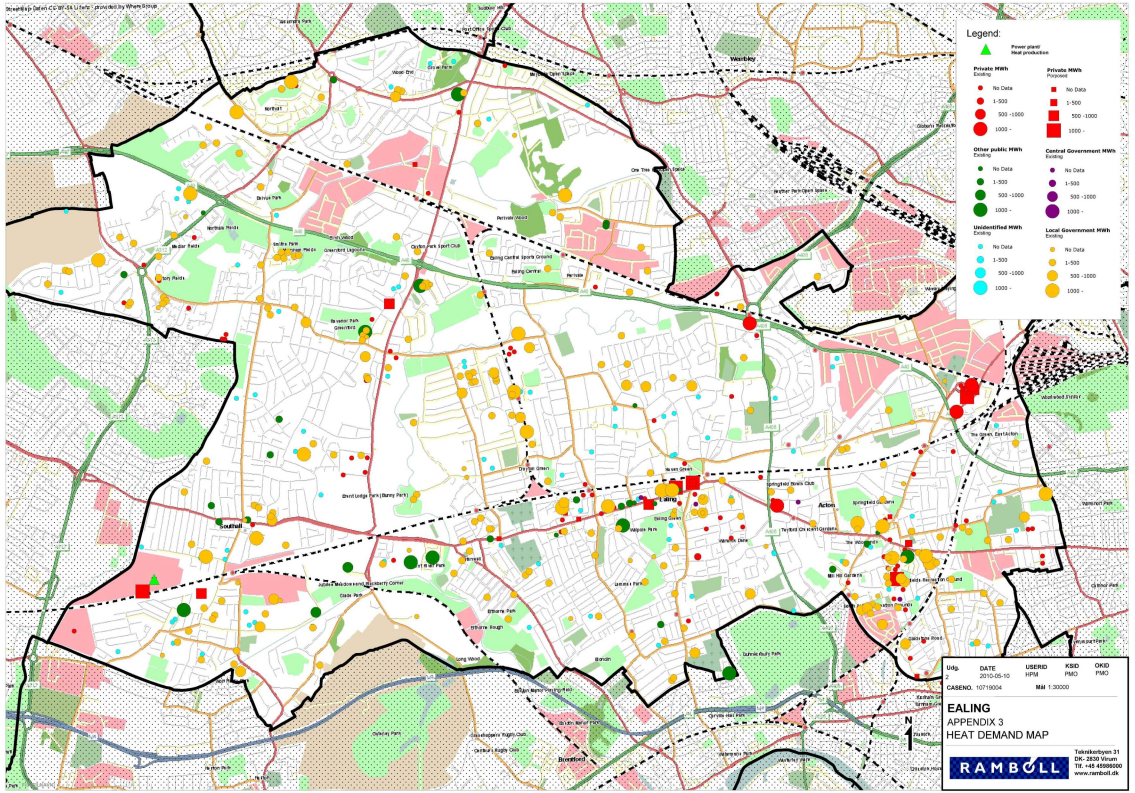
Ealing Existing & Proposed Sites

N

A1 Landscape

Date:	31/03/2010
User:	CM
Company:	Arup
Scale:	1/16,000 at A1





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	2010-05-10	HPM	PMO	PMO

CASENO. 10719004 MM 1:30000

EALING

APPENDIX 3

HEAT DEMAND MAP

RAMBØLL

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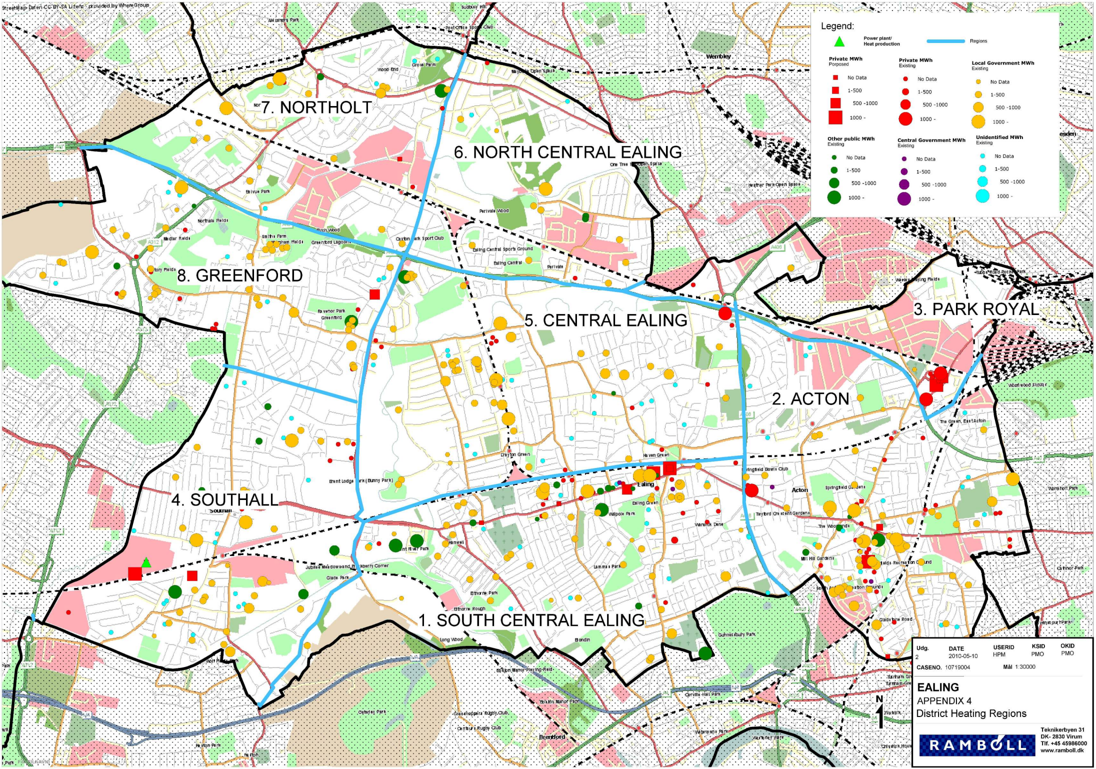
www.ramboll.dk



StreetMap-Daten CC-BY-SA Lizenz - provided by WhereGroup
7. NORTHOLT
6. NORTH CENTRAL EALING
8. GREENFORD
5. CENTRAL EALING
3. PARK ROYAL
2. ACTON
4. SOUTHALL
1. SOUTH CENTRAL EALING
Legend:
Power plant/
Heat production
Regions
Private MWh
Porposed
No Data
1-500
500 -1000
1000 -
Private MWh
Existing
No Data
1-500
500 -1000
1000 -
Local Government MWh
Existing
No Data
1-500
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1000 -
Other public MWh
Existing
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Central Government MWh
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1000 -
N
Udg. 2
DATE 2010-05-10
USERID HPM
KSID PMO
OKID PMO
CASENO. 10719004
Mål 1:30000
EALING
APPENDIX 4
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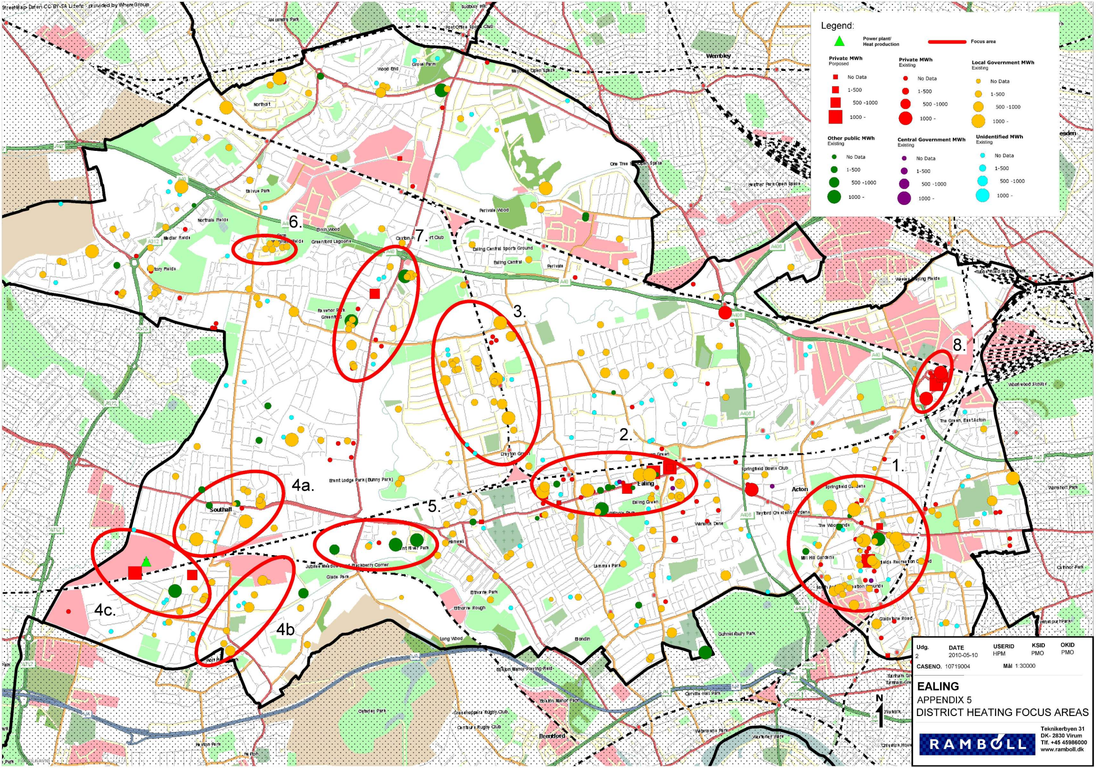

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CASENO. 10719004 | Mål 1:30000

EALING

APPENDIX 5

DISTRICT HEATING FOCUS AREAS

RAMBOLL

Teknikerbyen 31
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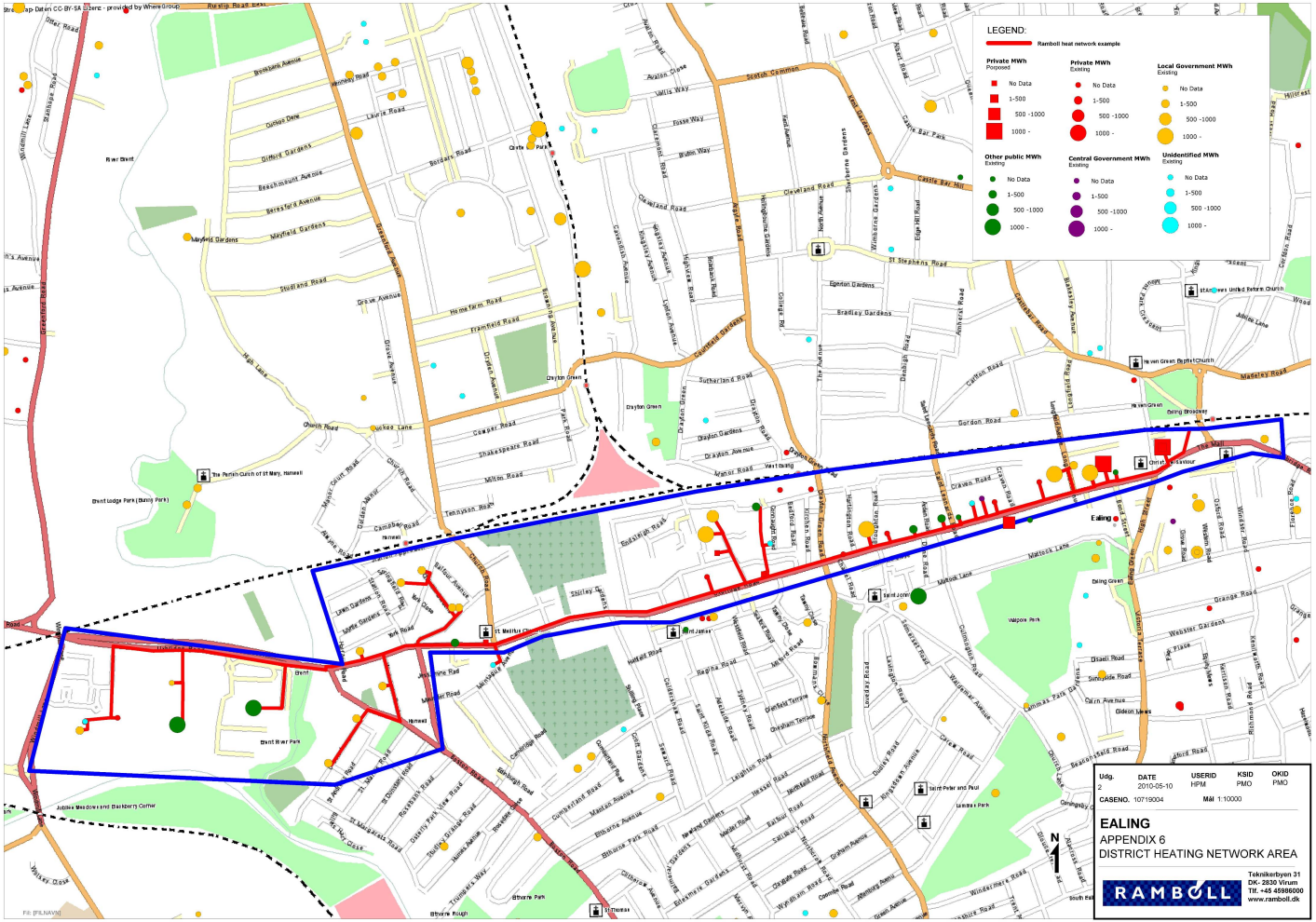
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Central Government MWh
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Udg. 2
DATE 2010-05-10
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KSID PMO
OKID PMO
CASENO. 10719004
Mål 1:10000
EALING
APPENDIX 6
DISTRICT HEATING NETWORK AREA
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RAMBØLL
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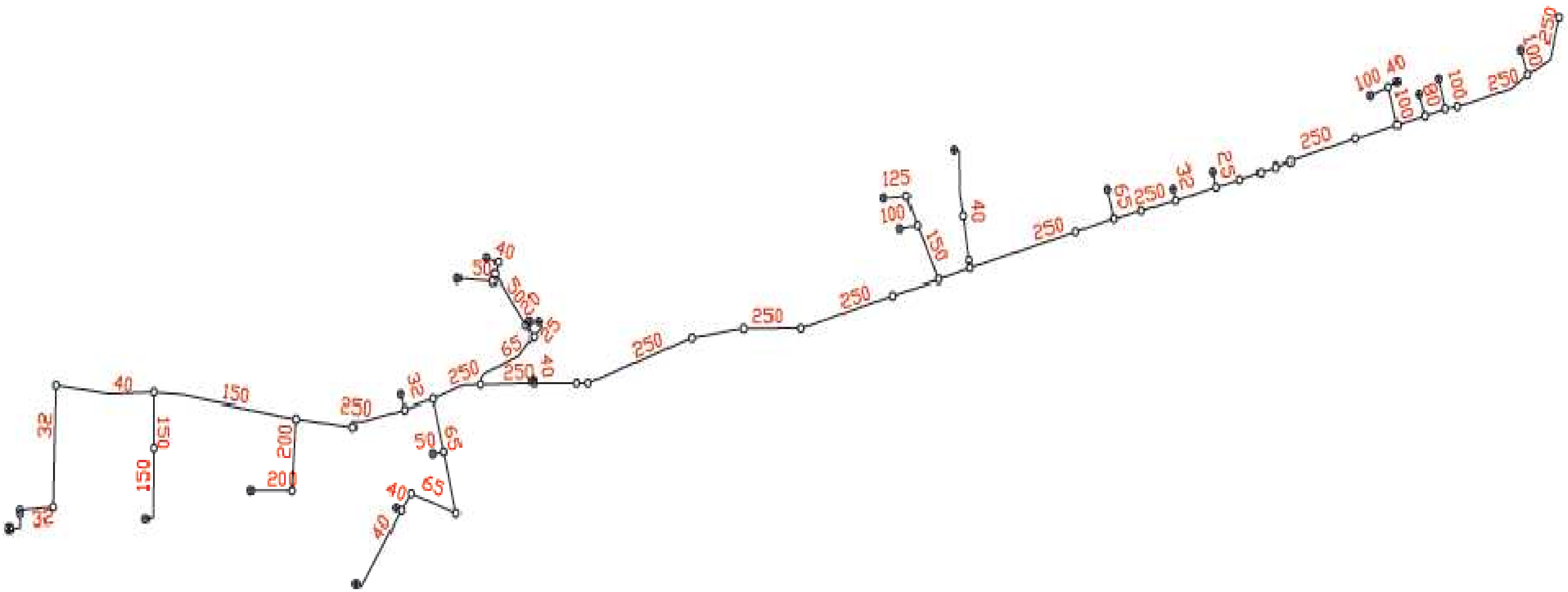
Appendix 6.1



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General Guidance

OXS & OYS

The X & Y fields must be completed for all Heat Loads and Heat Supply Plants.
The X & Y values used for a site should match the X & Y values found in the address point for that building (using the OS Address Point database).
Where no address point is available the X & Y value must be within the boundary of the building.
DO NOT use an X & Y value from a post code, as these represent several addresses and will not position the site in its correct location.

For more detailed information please refer to the data collection methodology.

DH Networks

Any DH Networks entries must be accompanied by a shapefile or drawing of the actual network so it can be added to the Heat Map website.
These attached files should have the same name as the site they refer to.
If there are 2 sites with the same name, please further identify each file so the correct attachment can be matched to the site.

Major Heat Loads

OXS	OYS	Object ID	Name	Address	Postcode	Ownership	New Development	Typology	Heating supply	Fuel source	Fuel consumption from all assets excluding CHP (MWh/year)	Fuel consumption from CHP (MWh/year)	Gross internal floor area (m^2)	Number of dwellings	Installed thermal capacity from all assets	CHP Installed power (MWe)	CHP Installed thermal capacity (MWe)	CO2 emissions (tCO2/year)	Year of Construction	Year of data collection	Start date	Completion date	Data Source	Confidentiality of data
519875	179259		Acton Adult Training Centre	Stirling Road, Acton,	W3 8DJ	Local government	No	Education facilities		Natural gas	519.72		2,056					96.13		2008			NI 185	No
520471	179936		Priory Community Centre	Acton Lane, Acton	W3 8NY	Local government	No	Sport & Leisure facilities		Natural gas	486.37		2,051					89.96		2008			NI 185	No
516710	180019		Solace Centre	58 Bowmans Close, West Ealing,	W13 9YT	Local government	No	Sport & Leisure facilities		Natural gas	254.74							47.12		2008			NI 185	No
516243	183790		Perivale Community Centre	Horsenden Lane South	UB6 7NP	Local government	No	Sport & Leisure facilities		Natural gas	212.51		873					39.31		2008			NI 185	No
514144	182386		Cyril Grant Hall / Greenford Hall	Corner Of Oldfield Lane South & Ruislip Road, Greenford,	UB6 9QN	Local government	No	Sport & Leisure facilities		Natural gas	181.82		1,441					33.63		2008			NI 185	No
514193	181985		Windmill Day Nursery	135-139 Windmill Lane, Greenford,	UB6 9DZ	Local government	No	Sport & Leisure facilities		Natural gas	180		920					33.3		2008			NI 185	No
515254	180174		Centre for Early Years Childcare and Play (Hanwell Nursery)	25A Laurel Gardens, Hanwell,	W7 3JG	Local government	No	Sport & Leisure facilities		Natural gas	176.57		495					32.66		2008			NI 185	No
519941	179709		South Acton Children's Centre (Early Excellence Centre)	Castle Close, Acton,	W3 8RX	Local government	No	Sport & Leisure facilities		Natural gas	153.28		1,508					28.35		2008			NI 185	No
516748	179348		Northfields Community Centre	71a Northcroft Road, Ealing	W13 5SS	Local government	No	Sport & Leisure facilities		Natural gas	150.49							27.84		2008			NI 185	No
519745	179380		Learning Curve	1 - 5 Roslin Road East, Acton,	W3 8DH	Local government	No	Sport & Leisure facilities		Natural gas	145.38							26.89		2008			NI 185	No
514615	183092		Greenford Community Centre	170 Oldfield Lane South, Greer	UB6 9JS	Local government	No	Sport & Leisure facilities		Natural gas	128.86		845					23.83		2008			NI 185	No
513001	180543		Grove House [Nursery School] Children's Centre	North Road, Southall,	UB1 2JG	Local government	No	Sport & Leisure facilities		Natural gas	127.4		457					23.56		2008			NI 185	No
513157	180489		Southall Young Adults Centre	Park View Road, Southall,	UB1 3HJ	Local government	No	Sport & Leisure facilities		Natural gas	103.95		520					19.23		2008			NI 185	No
520757	180325		Maples Children's Centre	4-12 East Churchfield Road, Acton,	W3 7LL	Local government	No	Sport & Leisure facilities		Natural gas	96.63		500					17.87		2008			NI 185	No
516968	180315		W13 Social Club for Young People	Churchfield Road, Ealing,	W13 9NF	Local government	No	Sport & Leisure facilities		Natural gas	86.92		1,134					16.08		2008			NI 185	No
519428	181180		WEST ACTON YOUTH AND COMMUNITY CENTRE	Churchill Gardens, London,	W3 0JN	Local government	No	Sport & Leisure facilities		Natural gas	84.53		424					15.64		2008			NI 185	No
515545	180311		Horizons Centre	15 Cherington Road, Hanwell,	W7 3HL	Local government	No	Sport & Leisure facilities		Natural gas	57.55		214					10.65		2008			NI 185	No
511625	183451		Lime Trees Children's Centre	2 Drayton Green	W13 0JF	Local government	No	Sport & Leisure facilities		Natural gas	53.23		285					9.85		2008			NI 185	No
513301	180130		Southall Park Children's Centre	Boyd Avenue/Green Drive, Southall,	UB1 3DT	Local government	No	Sport & Leisure facilities		Natural gas	49.48		127					9.15		2008			NI 185	No
510912	183143		Northolt Grange Community Centre	Rushdene Crescent, Northolt,	UB5 6NF	Local government	No	Sport & Leisure facilities		Natural gas	47.26		340					8.74		2008			NI 185	No
519822	179452		Bollo Brook Youth Centre	Bollo Bridge Road, Acton,	W3 8DG	Local government	No	Sport & Leisure facilities		Natural gas	37.1		360					6.86		2008			NI 185	No
517588	179597		Ealing Carers' Centre	46 South Ealing Road, Ealing,	W5 4QA	Local government	No	Sport & Leisure facilities		Natural gas	27.19		92					5.03		2008			NI 185	No
513026	184071		Northolt Village Community Centre	The Manor House, Ealing Road	UB5 6AD	Local government	No	Sport & Leisure facilities		Natural gas	2.18		607					0.4		2008			NI 185	No
514660	180074		Ealing Hospital NHS Workplace Nursery and Children's Centre	Uxbridge Road Southall	UB1 3HW	Local government	No	Sport & Leisure facilities															NI 185	No
512771	179717		Southall Community Centre	20 Merrick Road	UB2 4AU	Local government	No	Sport & Leisure facilities															NI 185	No
516378	183981		Horsenden Childrens' Centre	Off Horsenden Lane North, Greenford,	UB6 7PQ	Local government	No	Sport & Leisure facilities			1088.182		3,118										NI 185	No
515572	181555		Hanwell Community Centre	Westcott Crescent, London	W7 1PD	Local government	No	Sport & Leisure facilities			492.184		2,632										NI 185	No
			Wood End Childrens Centre			Local government	No	Sport & Leisure facilities			777.572		2,228										NI 185	No
516367	180599		St Johns Children's Centre	Felix Road, West Ealing,	W13 0NY	Local government	No	Sport & Leisure facilities			632.388		1,812										NI 185	No
512538	184555		Islip Manor Youth and Community Centre	Arnold Road, Northolt, Middles	UB5 5TB	Local government	No	Sport & Leisure facilities			107.525		575										NI 185	No
514370	179924		Windmill Park Childrens Centre	1 TULIP CLOSE	UB2 4UZ	Local government	No	Sport & Leisure facilities			189.856		544										NI 185	No
			Phoenix Social Club for Young People	Dormers Wells Lane, Southall,	UB1 3JD	Local government	No	Sport & Leisure facilities			65.637		351										NI 185	No
511902	183074		Sure Start Nursery,	1 Academy Gardens	UB5 5PF	Local government	No	Sport & Leisure facilities			108.19		310										NI 185	No
513978	184326		Ken Acock Youth & Community Centre	Carr Road, Northolt,	UB5 4RQ	Local government	No	Sport & Leisure facilities			47.311		253										NI 185	No
513830	181125		Dormers Wells Play Centre	Cnr Longridge Lane And Edison Drive, Southall,	UB1 3JS	Local government	No	Sport & Leisure facilities			70.847		203										NI 185	No
512107	179065		Visions Social Club	Montague Waye, Western Road, Southall, (Featherstone High School)	UB2 5HF	Local government	No	Sport & Leisure facilities			37.4		200										NI 185	No
513255	185151		Northolt Park Play Centre	Dabbs Hill Lane, Northolt,	UB5 4DB	Local government	No	Sport & Leisure facilities			65.263		187										NI 185	No
521034	180183		Acton Park Children's Centre	East Acton Lane, Acton,	W3 7EW	Local government	No	Sport & Leisure facilities			43.974		126										NI 185	No
511586	182800		Viking Community Centre, Northolt	Radcliffe Way, Northolt	UB5 6HW	Local government	No	Sport & Leisure facilities			21.879		117										NI 185	No
515797	181789		Unit 1 187 Copley Close (EASE @ BASE)	187 Copley Close, Hanwell,	W7 1AZ	Local government	No	Sport & Leisure facilities			20.196		108										NI 185	No
512788	184442		Islip Manor Park Children's Centre	Eastcote Lane, Northolt,	UB5 5RG	Local government	No	Sport & Leisure facilities			29.665		85										NI 185	No
516999	182436		Pitshanger Park Play Centre	Meadvale Road, Ealing,	W5 1LS	Local government	No	Sport & Leisure facilities			20.94		60										NI 185	No
517259	179727		Lammas Park Play Centre	Elers/Culmington Roads, West Ealing,	W13 9QD	Local government	No	Sport & Leisure facilities			18.846		54										NI 185	No
512419	180004		Southall Sports Centre	Beaconsfield Road, Southall,	UB1 1DP	Local government	No	Sport & Leisure facilities		Natural gas	1,240.42		1,111					229.44		2008			NI 185	No
515752	179319		Elthorne Sports Centre	Inside Elthorne Park High School, Westlea Road, Hanwell,	W7 2AH	Local government	No	Sport & Leisure facilities		Natural gas	204.95		945					37.91		2008			NI 185	No
519600	180305		Twyford Sports Centre	Twyford Crescent, Acton,	W3 9PP	Local government	No	Sport & Leisure facilities		Natural gas	187		1,412					34.59		2008			NI 185	No
519470	179935		Reynolds Sports Centre	Acton High School, Gunnersbury Lane, Acton,	W3 8EY	Local government	No	Sport & Leisure facilities		Natural gas	108.58		958					20.08		2008			NI 185	No
513129	182665		Greenford Sports Centre	Lady Margaret Road, Southall	UB1 2NP	Local government	No	Sport & Leisure facilities		Natural gas	108.58		957					20.08		2008			NI 185	No
515864	182457		Gurnell Leisure Centre	Ruislip Road East	W13 0AL	Local government	No	Sport & Leisure facilities		Natural gas	5,039.42		11,920					932.14		2008			NI 185	No
520353	180012		Acton Sports Centre (Acton Pool)	Salisbury Street, Acton,	W3 8NW	Local government	No	Sport & Leisure facilities		Natural gas	3,648.72		1,400					674.9		2008			NI 185	No
513501	181131		Dormers Wells Leisure Centre	156 Dormers Wells Lane, Southall,	UB1 3HX	Local government	No	Sport & Leisure facilities		Natural gas	2,229.54		3,165					412.4		2008			NI 185	No
				TOTAL							**19,968**	**0**	**50,080**	**0**	**0.00**	**0.00**	**0.00**	**2,984**	**-**	**-**	**-**	**-**	**-**	**-**

	Manual input (wording)
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	Mandatory input
	Desirable input

Major Heat Loads

OXS	OYS	Object ID	Name	Address	Postcode	Ownership	New Development	Typology	Heating supply	Fuel source	Fuel consumption from all assets excluding CHP (MWh/year)	Fuel consumption from CHP (MWh/year)	Gross internal floor area (m^2)	Number of dwellings	Installed thermal capacity from all assets	CHP Installed power (MWe)	CHP Installed thermal capacity (MWe)	CO2 emissions (tCO2/year)	Year of Construction	Year of data collection	Start date	Completion date	Data Source	Confidentiality of data
			NONE																					
TOTAL											**0**	**0**	**0**	**0**	**0.00**	**0.00**	**0.00**	**0**	**-**	**-**	**-**	**-**	**-**	**-**

	Manual input (wording)
	Select from drop-down list
	Mandatory input
	Desirable input

Major Heat Loads

OXS	OYS	Object ID	Name	Address	Postcode	Ownership	New Development	Typology	Heating supply	Fuel source	Fuel consumption from all assets excluding CHP	Fuel consumption from CHP (MWh/year)	Gross internal floor area (m^2)	Number of dwellings	Installed thermal capacity from all assets	CHP Installed power (MWe)	CHP Installed thermal capacity (MWe)	CO2 emissions (tCO2/year)	Year of Construction	Year of data collection	Start date	Completion date	Data Source	Confidentiality of data
518,413	182,571		Crowne Plaza London Ealing	Western Avenue Hanger Lane	W5 1HG	Private	No	(> 99 units or 4,999 m2)			2735.28		7,598	131									internet	No
520,692	181,598		Ramada Encore London West	4 Portal Way, London	W3 6RT	Private	No	(> 99 units or 4,999 m2)			3132		8,700	150									internet	No
520,855	181,892		Express by Holiday Inn London Park	Victoria Road, London	W3 6XU	Private	No	(> 99 units or 4,999 m2)			2171.52		6,032	104									internet	No
518,714	180,566		Ramada London Ealing	Ealing Common, London	W5 3HN	Private	No	(> 99 units or 4,999 m2)			3946.32		10,962	189									internet	No
517302	180579		Proposed Travelodge Hotel	77 Uxbridge Road Ealing Lond	W5 5ST	Private	Yes	(> 99 units or 4,999 m2)		Natural gas	961.2044	70	2,748			0.02							P/2009/2012	No
TOTAL											**11,985**	**0**	**33,292**	**574**	**0.00**	**0.00**	**0.00**	**0**	**-**	**-**	**-**	**-**	**-**	**-**

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	Mandatory input
	Desirable input

Major Heat Loads

OXS	OYS	Object ID	Name	Address	Postcode	Ownership	New Development	Typology	Heating supply	Fuel source	Fuel consumption from all assets excluding CHP (MWh/year)	Fuel consumption from CHP (MWh/year)	Gross internal floor area (m^2)	Number of dwellings	Installed thermal capacity from all assets	CHP Installed power (MWe)	CHP Installed thermal capacity (MWe)	CO2 emissions (tCO2/year)	Year of Construction	Year of data collection	Start date	Completion date	Data Source	Confidentiality of data
517172	178063		Paragon		TW8 9GA	Other public	No	Education facilities	Central Boilers	Natural gas	108		11,000					19.95					LB Ealing	No
517870	180068		North Building	TVU - Warwick Road	W5 5rf	Other public	No	Education facilities	Central Boilers	Natural gas	422		2,837					78.00					LB Ealing	No
517838	180466		Grove House	The Grove	w5 5dx	Other public	No	Education facilities	Central Boilers	Natural gas	226		2,503					41.74					LB Ealing	No
517785	179808		Vestry	RANELAGH ROAD	w5 5rj	Other public	No	Education facilities	Central Boilers	Natural gas	50		333					9.22					LB Ealing	No
517870	180068		St. Mary's	TVU - Warwick Road	w5 5rf	Other public	No	Education facilities	Central Boilers	Natural gas	2,877		11,000					532.19					LB Ealing	No
517870	180068		A/B/C	TVU - Warwick Road	w5 5rf	Other public	No	Education facilities	Central Boilers	Natural gas	749		8,650					138.55					LB Ealing	No
517870	180068		Hosptality	TVU - Warwick Road	w5 5rf	Other public	No	Education facilities	Central Boilers	Natural gas	168							31.16					LB Ealing	No
			Argyl		w13 0hg	Other public	No	Education facilities	Central Boilers	Natural gas	23		200					4.19					LB Ealing	No
517638	180590		Walpole	18-220 Bond Street, Ealing	W5 5AA	Other public	No	Education facilities	Central Boilers		229		4,089					42.39					LB Ealing	No
519401	179898		Acton High School	Gunnersbury Lane, Acton	W3 8EY	Local government	No	Education facilities		Natural gas	1,105		7,677										NI 185	No
513508	181400		Allenby Primary School	Allenby Road, Southall	UB1 2HX	Local government	No	Education facilities		Natural gas	232		1,650					42.98739794		2008			NI 185	No
512363	179996		Beaconsfield Primary School	Beaconsfield Road, Southall,	UB1 1DR	Local government	No	Education facilities		Natural gas	308		2,173					57.00349969		2008			NI 185	No
513209	183779		Belvue School	Rowdell Road, Northolt,	UB5 6AG	Local government	No	Education facilities		Natural gas	358		2,070					66.18042375		2008			NI 185	No
519996	179626		Berrymede Infant School	Castle Close, Acton	W3 8RX	Local government	No	Education facilities		Natural gas	266		1,320					49.23106029		2008			NI 185	No
519895	179590		Berrymede Junior School	Osborne Road, Acton	W3 8SJ	Local government	No	Education facilities		Natural gas	14		3,795					2.54907157		2008			NI 185	No
512363	179996		Blair Peach Primary School	Beaconsfield Road, Southall,	UB1 1DR	Local government	No	Education facilities		Natural gas	466		2,755					86.11204362		2008			NI 185	No
515256	182154		Brentside High School	Greenford Avenue, Hanwell,	W7 1JJ	Local government	No	Education facilities		Natural gas	1,220		10,286					225.6813421		2008			NI 185	No
515278	182076		Brentside Primary School	Kennedy Road, Hanwell,	W7 1LJ	Local government	No	Education facilities		Natural gas	33		2,875					6.02965206		2008			NI 185	No
514417	181993		Cardinal Wiseman Catholic High Sch	Greenford Road, Greenford,	UB6 9AW	Local government	No	Education facilities		Natural gas	1,972		11,247					364.7464123		2008			NI 185	No
515998	181821		Castlebar School	Hathaway Gardens, Ealing,	W5 0DH	Local government	No	Education facilities		Natural gas	527		1,707					97.51821867		2008			NI 185	No
517701	180796		Christ Church CE Junior School	New Broadway, Ealing,	W5 2XA	Local government	No	Education facilities		Natural gas	324		1,693					59.93841868		2008			NI 185	No
512387	178934		Clifton Primary School	Clifton Road, Southall,	UB2 5QP	Local government	No	Education facilities		Natural gas	264		2,113					48.80877378		2008			NI 185	No
514435	183007		Coston Primary School	Oldfield Lane South, Greenford,	UB6 9JU	Local government	No	Education facilities		Natural gas	4		3,547					0.78020346		2008			NI 185	No
512864	179392		Dairy Meadow Primary / Junior Scho	Swift Road, Southall,	UB2 4RP	Local government	No	Education facilities		Natural gas	471		2,808					87.19134357		2008			NI 185	No
520202	180455		Derwentwater Primary School	Shakespeare Road, Acton,	W3 6SA	Local government	No	Education facilities		Natural gas	491		3,801					90.90628105		2008			NI 185	No
513399	181141		Dormers Wells High School	156 Dormers Wells Lane, South	UB1 3HZ	Local government	No	Education facilities		Natural gas	1,319		8,079					243.9114924		2008			NI 185	No
513661	180653		Dormers Wells Infant School	Dormers Wells Lane, Southall,	UB1 3HX	Local government	No	Education facilities		Natural gas	647		2,386					119.6865032		2008			NI 185	No
513724	180700		Dormers Wells Junior School	Dormers Wells Lane, Southall,	UB1 3HX	Local government	No	Education facilities		Natural gas	434		2,766					80.2658818		2008			NI 185	No
510824	182906		Downe Manor Primary School	Down Way, Kingshill Ave, North	UB5 6NW	Local government	No	Education facilities		Natural gas	435		2,617					80.45473617		2008			NI 185	No
516348	180894		Drayton Green Primary School	Drayton Grove, Ealing,	W13 0LA	Local government	No	Education facilities		Natural gas	348		2,663					64.38324778		2008			NI 185	No
515569	180977		Drayton Manor High School	Drayton Bridge Road, Hanwell,	W7 1EU	Local government	No	Education facilities		Natural gas	1,767		10,828					326.9060081		2008			NI 185	No
512759	181745		Durdans Park Primary School	King George's Drive, Southall,	UB1 2PQ	Local government	No	Education facilities		Natural gas	209		2,817					38.64282258		2008			NI 185	No
521111	180607		East Acton Primary School	East Acton Lane, Acton,	W3 7HA	Local government	No	Education facilities		Natural gas	146		1,179					27.08737674		2008			NI 185	No
519444	183026		Edward Betham CE Primary School	Oldfield Lane South, Greenford,	UB6 9JU	Local government	No	Education facilities		Natural gas	744		2,348					137.5719924		2008			NI 185	No
518920	181106		Ellen Wilkinson School For Girls	Queen's Drive, Acton,	W3 0HW	Local government	No	Education facilities		Natural gas	1,909		9,191					353.0927474		2008			NI 185	No
515953	179285		Elthorne Park High School	Westlea Road, Hanwell,	W7 2AD	Local government	No	Education facilities		Natural gas	755		6,603					139.7183843		2008			NI 185	No
512093	179087		Featherstone High School	Montague Waye, Southall,	UB2 5HF	Local government	No	Education facilities		Natural gas	1,212		10,007					224.1599638		2008			NI 185	No
511467	178955		Featherstone Primary School	Western Road, Southall,	UB2 5JT	Local government	No	Education facilities		Natural gas	388		5,139					71.80202454		2008			NI 185	No
516658	179348		Fielding Primary School	Wyndham Road, Ealing,	W13 9TE	Local government	No	Education facilities		Natural gas	646		3,366					119.4623196		2008			NI 185	No
512767	183217		Gifford Primary School	Greenhill Gardens, Northolt,	UB5 6BU	Local government	No	Education facilities		Natural gas	370		3,672					68.3815593		2008			NI 185	No
517743	179563		Grange Primary School	Church Gardens, Ealing,	W5 4HN	Local government	No	Education facilities		Natural gas	572		2,367					105.808944		2008			NI 185	No
512043	178868		Greenfields Nursery School	Recreation Road, Southall,	UB2 5PF	Local government	No	Education facilities		Natural gas	148		901							2008			NI 185	No
513072	182760		Greenford High School	Ruislip Road, Greenford, UB6		Local government	No	Education facilities		Natural gas	1,371		14,222					253.5607604		2008			NI 185	No
514469	185209		Greenwood Primary School	Wood End Way, Northolt,	UB5 4QG	Local government	No	Education facilities		Natural gas	819		3,323					151.4497366		2008			NI 185	No
513001	180543		Grove House Nursery School	North Road, Southall,	UB1 2JG	Local government	No	Education facilities		Natural gas	14		914					2.50319901		2008			NI 185	No
512647	180062		Hambrough Primary School	South Road, Southall,	UB1 1SF	Local government	No	Education facilities		Natural gas	438		2,979					80.99521851		2008			NI 185	No
515892	181818		Hathaway Primary School	Hathaway Gardens, Ealing,	W13 0DH	Local government	No	Education facilities		Natural gas	326		2,291					60.37439297		2008			NI 185	No
512890	179290		Havelock Primary School	Havelock Road, Southall,	UB2 4PA	Local government	No	Education facilities		Natural gas	1,266		2,667					234.1701703		2008			NI 185	No
515503	181075		Hobbayne Primary School	145 Greenford Avenue, Hanwel	W7 1HA	Local government	No	Education facilities		Natural gas	410		2,268					75.92667057		2008			NI 185	No
515526	184816		Horsenden Primary School	Horsenden Lane North, Greenfo	UB6 0PB	Local government	No	Education facilities		Natural gas	545		3,892					100.7579682		2008			NI 185	No
512078	184060		John Chilton School	Compton Crescent, Notholt,	UB5 5LD	Local government	No	Education facilities		Natural gas	197		1,142					36.51113233		2008			NI 185	No
521114	181443		John Perryn Primary School	Long Drive, Acton,	W3 7PD	Local government	No	Education facilities		Natural gas	489		3,612					90.44718551		2008			NI 185	No
512973	181819		Lady Margaret School	336 Lady Margaret Road, South	UB1 2NH	Local government	No	Education facilities		Natural gas	722		4,004					133.4756468		2008			NI 185	No
517476	197093		Little Ealing Primary School	Weymouth Avenue, Ealing,	W5 4EA	Local government	No	Education facilities		Natural gas	514		2,907					94.99282326		2008			NI 185	No
515415	184771		Mandeville School	Horsenden Lane North, Greenfo	UB6 0PA	Local government	No	Education facilities		Natural gas	261		2,512					48.20077739		2008			NI 185	No
514709	181479		Mayfield Primary School	High Lane, Hanwell,	W7 3RT	Local government	No	Education facilities		Natural gas	258		1,542					47.80142716		2008			NI 185	No
517775	181883		Montpelier Primary School	Helena Road, Ealing,	W5 2RA	Local government	No	Education facilities		Natural gas	650		2,883					120.1491132		2008			NI 185	No
517476	179073		Mount Carmel Catholic School	Little Ealing Lane, Ealing,	W5 4EA	Local government	No	Education facilities		Natural gas	191		1,527					35.36922352		2008			NI 185	No
516780	182117		North Ealing Primary School	Pitshanger Lane, Ealing,	W5 1RP	Local government	No	Education facilities		Natural gas	214		2,319					39.58302509		2008			NI 185	No
512956	180568		North Primary School	10 Meadow Road, Southall,	UB1 2JE	Local government	No	Education facilities		Natural gas	423		2,645					78.28244849		2008			NI 185	No
512759	184896		Northolt High School	Eastcote Lane, Northolt,	UB5 4HP	Local government	No	Education facilities		Natural gas	2,553		11,932					472.1629306		2008			NI 185	No
515941	179804		Oaklands Primary School	Oaklands Road, Hanwell,	W7 2DP	Local government	No	Education facilities		Natural gas	358		2,736					66.14638182		2008			NI 185	No
514751	183361		Oldfield Primary School	Oldfield Lane, Greenford,	UB6 8PR	Local government	No	Education facilities		Natural gas	204		1,954					37.71667779		2008			NI 185	No
514430	182083		Our Lady of the Visitation Catholic S	Greenford Road, Greenford,	UB6 9AN	Local government	No	Education facilities		Natural gas	252		2,299					46.54233637		2008			NI 185	No
517216	183406		Perivale Primary School	Federal Road, Perivale	UB6 7AP	Local government	No	Education facilities		Natural gas	419		3,454					77.50444056		2008			NI 185	No
513691	185059		Petts Hill Primary School	Newmarket Avenue, Northolt,	UB5 4HB	Local government	No	Education facilities		Natural gas	174		1,396					32.26690668		2008			NI 185	No
513399	182749		Ravenor Primary School	Greenaway Gardens, Greenford	UB6 9TT	Local government	No	Education facilities		Natural gas	231		2,575					42.67146918		2008			NI 185	No
515545	183343		Selborne Primary School	Conway Crescent, Perivale,	UB6 8JD	Local government	No	Education facilities		Natural gas	439		2,945					81.2869162		2008			NI 185	No
521170	179497		Southfield Primary School	Southfield Road, Bedford Park,	W4 1BD	Local government	No	Education facilities		Natural gas	398		3,297					73.66004819		2008			NI 185	No
516015	181241		Springhallow School	Compton Close, Ealing,	W13 0JG	Local government	No	Education facilities		Natural gas	186		2,721					34.32321817		2008			NI 185	No
515383	180390		St Anns School	Springfield Road, Hanwell,	W7 3JP	Local government	No	Education facilities		Natural gas	406		3,148					75.13573885		2008			NI 185	No
512517	179360		St Anselms Catholic Primary School	Church Avenue, Southall,	UB2 4BH	Local government	No	Education facilities		Natural gas	484		1,705					89.54323712		2008			NI 185	No
517567	181972		St Gregorys Catholic Primary School	Woodfield Road, Ealing,	W5 1SL	Local government	No	Education facilities		Natural gas	286		2,377					52.89642581		2008			NI 185	No
517090	182916		St John Fisher Catholic Primary Scho	Thirlemere Avenue, Greenford,	UB6 8EF	Local government	No	Education facilities		Natural gas	21		2,649					3.9361616		2008			NI 185	No
516367	180599		St Johns Primary School	Felix Rd, West Ealing,	W13 0NY	Local government	No	Education facilities		Natural gas	358		1,731					66.28381453		2008			NI 185	No
515449	180429		St Josephs Catholic Primary School	York Avenue, Hanwell,	W7 3HU	Local government	No	Education facilities		Natural gas	226		2,488					41.7218332		2008			NI 185	No
515243	179962		St Marks Primary School	Lower Boston Road, Hanwell,	W7 2NR	Local government	No	Education facilities		Natural gas	313		1,654					57.87859276		2008			NI 185	No
510874	183155		St Raphaels Catholic Primary School	Hartfield Avenue, Northolt,	UB5 6NL	Local government	No	Education facilities		Natural gas	422		2,442					78.07371729		2008			NI 185	No
517803	180492		St Saviours CE Infant School	The Grove, Ealing,	W5 5DX	Local government	No	Education facilities		Natural gas	217		1,466					40.15125293		2008			NI 185	No
519879	180631		St Vincents Catholic Primary School	Pierrepoint Road, Acton,	W3 9JR	Local government	No	Education facilities		Natural gas	278		1,610					51.47366292		2008			NI 185	No
514178	182204		Stanhope Primary	Mansell Road, Greenford,	UB6 9EG	Local government	No	Education facilities		Natural gas	534		4,399					98.70933237		2008			NI 185	No
513599	179222		Three Bridges Primary School	Norwood Green, Southall,	UB2 4HT	Local government	No	Education facilities		Natural gas	374		2,741					69.20301107		2008			NI 185	No
512183	180717		Tudor Primary School	53 Tudor Road, Southall,	UB1 1NX	Local government	No	Education facilities		Natural gas	427		2,370					78.94112666		2008			NI 185	No
519600	180373		Twyford CE High School	Twyford Crescent, Acton,	W3 9PP	Local government	No	Education facilities		Natural gas	1,849		11,326					341.9410277		2008			NI 185	No
517287	183148		Vicars Green School	Lily Gardens , Alperton,	HA0 1DP	Local government	No	Education facilities		Natural gas	367		2,126					67.97081202		2008			NI 185	No
511569	182771		Viking Primary School	Radcliffe Way, Northolt,	UB5 6HW	Local government	No	Education facilities		Natural gas	349		1,705					64.62574345		2008			NI 185	No
512977	180206		Villiers High School	Boyd Avenue, Southall,	UB1 3BT	Local government	No	Education facilities		Natural gas	1,863		8,892					344.5380699		2008			NI 185	No
519482	181197		West Acton Primary School	Noel Road, Acton,	W3 0JL	Local government	No	Education facilities		Natural gas	202		1,786					37.40777789		2008			NI 185	No
512249	183998		West London Academy	Bengarth Road, Northolt,	UB5 5LQ	Local government	No	Education facilities		Natural gas	2,856		17,500					528.3390416		2008			NI 185	No
519158	183085		West Twyford Primary School	Twyford Abbey Road, Park Roya	NW10 7DN	Local government	No	Education facilities		Natural gas	186		1,497					34.47174908		2008			NI 185	No
512450	184730		Willow Tree Primary School	Priors Farm Lane, Northolt,	UB5 5DY	Local government	No	Education facilities		Natural gas	378		4,493					69.98284459		2008			NI 185	No
512802	178741		Wolf Fields - Primary School	Norwood Road, Southall,	UB2 4JS	Local government	No	Education facilities		Natural gas	558		2,438					103.1684973		2008			NI 185	No
514533	185141		Wood End Infant School	Whitton Avenue West, Northolt,	UB5 4LB	Local government	No	Education facilities		Natural gas	280		2,176					51.76773887		2008			NI 185	No
514579	185125		Wood End Junior School	Vernon Rise, Greenford,	UB6 0EQ	Local government	No	Education facilities		Natural gas	282		1,886					52.19409472		2008			NI 185	No
512731	178822		Heller House	124 Norwood Road, Southall,	UB2 4DX	Local government	No	Education facilities		Natural gas	299.754		495					55.45449		2008			NI 185	No
518210	180619		15 Florence Road	15 Florence Road, Ealing,	W5 3TU	Local government	No	Education facilities		Natural gas	127.022							23.49907		2008			NI 185	No
514807	182978		Cowgate Day Centre	18 Cowgate Road, Greenford,	UB6 8HQ	Local government	No	Sport & Leisure facilities		Natural gas	350.5		1,200					64.83		2008			NI 185	No
520107	179978		Michael Flanders Day Centre	Church Road, Acton	W3 6LU	Local government	No	Sport & Leisure facilities		Natural gas	287.8		1,000					53.23		2008			NI 185	No
520633	179428		Carlton Day Centre	8 - 10 Carlton Road, Acton,	W4 5DY	Local government	No	Sport & Leisure facilities		Natural gas	243.13		546					44.97		2008			NI 185	No
512230	179186		Albert Dane Centre	19-21 Western Road, Southall,	UB2 5HA	Local government	No	Sport & Leisure facilities		Natural gas	174.07		592					32.2		2008			NI 185	No
512427	181055		Cornucopia Day Centre - Duke of Edinburgh Award Scheme	Spikes Bridge Road, Southall,	UB1 2AR	Local government	No	Sport & Leisure facilities		Natural gas	77.18		133					14.28		2008			NI 185	No
512264	180140		Disraeli Day Nursery	111 Hambrough Road , Southall,	UB1 1HY	Local government	No	Sport & Leisure facilities		Natural gas	2		514					0.37		2008			NI 185	No
										TOTAL	54,355	0	363,101	0	0.00	0.00	0.00	9,822	-	-	-	-	-	-

(white)	Manual input (wording)
(yellow)	Select from drop-down list
(red)	Mandatory input
(green)	Desirable input

Major Heat Loads

DATA TO BE PROVIDED BY THE LDA

OXS	OYS	Object ID	Name	Address	Postcode	Ownership	New Development	Typology	Heating supply	Fuel source	Fuel consumption from all assets excluding CHP	Fuel consumption from CHP (MWh/year)	Gross internal floor area (m^2)	Number of dwellings	Installed thermal capacity from all assets	CHP Installed power (MWe)	CHP Installed thermal capacity (MWe)	CO2 emissions (tCO2/year)	Year of Construction	Year of data collection	Start date	Completion date	Data Source	Confidentiality of data
517,368	180,587		Ealing Police Station	67-69 Uxbridge Road, Lond	W5 5SJ	Other public	No	Police stations																
519,824	180,268		Acton Police Station	250 High Street, Acton	W3 9BH	Other public	No	Police stations																
514,194	182,439		Greenford Police Station	21 Oldfield Lane, Greenford	UB6 9LQ	Other public	No	Police stations																
513,072	180,378		Southall Police Station	67 High Street, Southall	UB1 3HG	Other public	No	Police stations																
TOTAL											**0**	**0**	**0**	**0**	**0.00**	**0.00**	**0.00**	**0**	**-**	**-**	**-**	**-**	**-**	**-**

	Manual input (wording)
	Select from drop-down list
	Mandatory input
	Desirable input

Major Heat Loads

OXS	OYS	Object ID	Name	Address	Postcode	Ownership	New Development	Typology	Heating supply	Fuel source	Fuel consumption from all assets excluding CHP (MWh/year)	Fuel consumption from CHP (MWh/year)	Gross internal floor area (m^2)	Number of dwellings	Installed thermal capacity from all assets	CHP Installed power (MWe)	CHP Installed thermal capacity (MWe)	CO2 emissions (tCO2/year)	Year of Construction	Year of data collection	Start date	Completion date	Data Source	Confidentiality of data
519681	180080		Acton G26	27 Gunnersbury Lane	W3 8EA	Local government	No	Fire stations	Central Boilers	Natural gas	399	0	1,836	1.00	0.235	0.00	0.00		1938	08/09				No
513827	185250		Northholt G31	74 Petts Hill	UB5 4JT	Local government	No	Fire stations	Central Boilers	Natural gas	242	21	712	1.00	0.265	0.02	0.01		1963	08/10				No
512904	180395		Southall G24	17-19 High Street	UB1 3HA	Local government	No	Fire stations	Central Boilers	Natural gas	260	21	633	1.00	0.265	0.02	0.01		1965	08/11				No
517089	180592		Ealing G25	60-64 Uxbridge Road	W13 8RA	Local government	No	Fire stations	Central Boilers	Natural gas	95	0	1,153	1.00	0.229	0.00	0.00		1933	08/12				
TOTAL											**0**	**0**	**0**	**0**	**0.00**	**0.00**	**0.00**	**0**	**-**	**-**	**-**	**-**	**-**	**-**

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Major Heat Loads

OXS	OYS	Object ID	Name	Address	Postcode	Ownership	New Development	Typology	Heating supply	Fuel source	Fuel consumption from all assets excluding CHP	Fuel consumption from CHP (MWh/year)	Gross internal floor area (m^2)	Number of dwellings	Installed thermal capacity from all assets	CHP Installed power (MWe)	CHP Installed thermal capacity (MWe)	CO2 emissions (tCO2/year)	Year of Construction	Year of data collection	Start date	Completion date	Data Source	Confidentiality of data
520,150	180,005		Acton Health Centre Community Clinic	35 – 61 Church Road Acton	W3 8QE	Other public		NHS		Natural gas	4,187		1,663										PCT Ealing	No
516,504	180,629		Alexandria House Speech & Language Unit	14a Alexandria Road, Ealing	W13 ONR	Other public		NHS		Natural gas	224		107										PCT Ealing	No
			Armstrong Way			Other public		NHS		Natural gas	6,783												PCT Ealing	No
512,566	180,387		Broadway Health Centre, Southall	71-73 The Broadway□Southa	UB1 1LA	Other public		NHS		Natural gas	219		810										PCT Ealing	No
512,760	184,896		Caretakers House Northolt High School	Eastcote Lane, Northolt Middle	UB5 4HP	Other public		NHS		Natural gas	117		79										PCT Ealing	No
518,188	178,721		Clayponds Hospital In-Patient & Outpatient Rehab & Stroke Unit	Sterling Place Off Occupational Lane Ealing	W5 4RN	Other public		NHS		Natural gas	10,674		3,250										PCT Ealing	No
512,177	179,418		FEATHERSTONE ROAD HEALTH CLINIC	Hartington Road□Southall	UB2 5BG	Other public		NHS		Natural gas	3,352		987										PCT Ealing	No
515,199	185,091		Greenford Green Clinic Community Clinic	Wadham Gardens□Greenford	UB6 OBP	Other public		NHS		Natural gas	1,822		370										PCT Ealing	No
514,783	182,984		Greenford Lodge (CTPLD)	14-16 Cowgate Road Greenford	UB6 8HQ	Other public		NHS		Natural gas	1,452		274										PCT Ealing	No
516,829	183,644		Hillview 179C District Nurses	179C Bilton Road		Other public		NHS		Natural gas	87												PCT Ealing	No
516,833	183,672		Hillview Surgery &Mental Health and Well Being Service	179 Bilton Road		Other public		NHS		Natural gas	43		292										PCT Ealing	No
513,228.99	181,516		Jubilee Gardens Clinic	Jubilee Gardens Southall	UB1 2TJ	Other public		NHS		Natural gas	173		646										PCT Ealing	No
517,016	180,347		Mattock Lane Health Centre Community Health Centre	78 Mattock Lane Ealing	W13 9NZ	Other public		NHS		Natural gas	3,781		1,406										PCT Ealing	No
517,000	180,558		Mental Health and Well Being Service, 84 Uxbridge Road	3rd Floor 84 Uxbridge Road	W13 8RA	Other public		NHS			138		510										PCT Ealing	No
515,554	180,200		Patients and Liaison Office	117-119 Uxbridge Road, Hanwell	W7 3ST	Other public		NHS		Natural gas	298		44										PCT Ealing	No
514,176	182,478		Ravenor Park Clinic	23 Oldfield Lane South Greenford	UB6 9LF	Other public		NHS		Natural gas	2,218		603										PCT Ealing	No
517,432	179,258		St David's Practice	Ground Floor 2 Bramley Road London	W5 4SS	Other public		NHS		Natural gas	253												PCT Ealing	No
512,481	180,566		Southall North Community Offices (HVs and DNs)	Flat 3 & 36a Northcote Avenue Southall Middlesex	UB1 2AY	Other public		NHS		Natural gas	313		170										PCT Ealing	No
512,481	180,566		Southall North Community Offices (HVs and DNs)	Flat 4 &36a Northcote Avenue Southall Middlesex	UB1 2AY	Other public		NHS		Natural gas	359												PCT Ealing	No
511,518	183,108		Tangmere Gardens Clinic Community Clinic	1b Tangmere Gardens Northolt	UB5 6LP	Other public		NHS		Natural gas	439		81										PCT Ealing	No
513,632	179,392		Waterside Health Centre	1-2 Tyler Road Off Havelock Road Southall,	UB2 4XQ	Other public		NHS		Natural gas	974		300										PCT Ealing	No
513,130	181,125		Ealing Day Treatment Centre Out-Patient Rehabilitation	Britten Drive Southall	UB1 2SH	Other public		NHS			135		499										PCT Ealing	No
516,829	183,644		Diabetes Retinal Screening Service	179b Bilton Road, Perivale	UB6 7HQ	Other public		NHS		Natural gas													PCT Ealing	No
			Martin House	1 Swift Road Off Hunt Road Southall	UB2 4RP	Other public		NHS		Natural gas			400										PCT Ealing	No
			Meadow House Hospice Palliative Care	Uxbridge Road Southall	UB1 3HW	Other public		NHS		Natural gas													PCT Ealing	No
516,282	180,242		Primary Care Education Centre Education Training Centre And West London Health Estates and Facilities Management	West Ealing House 2 St. James Avenue Ealing	W13 9DJ	Other public		NHS		Natural gas													PCT Ealing	No
517,142	180,596		Drug and Alcohol AbuseTeam	Part of fifth floor 58 Uxbridge Road Ealing	W5 2ST	Other public		NHS		Natural gas													PCT Ealing	No
512,392	183,788		Church Road Surgery	296 Church Road Northolt	UB5 5AP	Other public		NHS		Natural gas													PCT Ealing	No
517,638	180,738		Flu Response (Pandemic)Centre	16-18 New Broadway Ealing London	W5 2XA	Other public		NHS		Natural gas													PCT Ealing	No
513,984	179886		Ealing PCT Headquarters	1 Armstrong Way Southall	UB2 4SA	Other public		NHS			524		3,470										PCT Ealing	No
514,918	179995		Ealing Hospital	Uxbridge Road, Southall	UB1 3EU	Other public	No	NHS		Natural gas	22363												NHS	Yes
514,678	179942		St Bernard's Hospital	Uxbridge Road, Southall	UB1 3EU	Other public	No	NHS		Natural gas	12400												NHS	Yes
TOTAL											**73,329**	**0**	**15,962**	**0**	**0.00**	**0.00**	**0.00**	**0**	**-**	**-**	**-**	**-**	**-**	**-**

	Manual input (wording)
	Select from drop-down list
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	Desirable input

Major Heat Loads

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512401	179440		Dominion Arts Education Centre	114 The Green, Southall	UB2 4BQ	Local government	No	Museums & Art Galleries		Natural gas	405		1,200					74.98					NI 185	No
517575	180467		Pitzhanger Manor & Gallery	Walpole Park, Mattock Lane, Ea	W5 5EQ	Local government	No	Museums & Art Galleries		Natural gas	321		1,950					59.33					NI 185	No
TOTAL											**726**	**0**	**3,150**	**0**	**0.00**	**0.00**	**0.00**	**134**	**-**	**-**	**-**	**-**	**-**	**-**

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Major Heat Loads

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TOTAL											**0**	**0**	**0**	**0**	**0.00**	**0.00**	**0.00**	**0**	**-**	**-**	**-**	**-**	**-**	**-**

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Major Heat Loads

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516,345	180,542		Tintern Court	Tintern Court, Williams Road	W13 0SW	Local government	No	ulti-address buildings	Central Boilers	Natural gas	6202									2009			LB of Ealing	No
515,817	181,819		Copley Close	Copley Close PT3 10	W7 1AY	Local government	No	ulti-address buildings	Central Boilers	Natural gas	3703									2009			LB of Ealing	No
519,986	179,990		Barrington Court	Cheltenham Place	W3 8JT	Local government	No	ulti-address buildings	Central Boilers	Natural gas	3503									2009			LB of Ealing	No
515,957	181,378		Boiler House	21-74 Cheyne Path	W7 1QR	Local government	No	ulti-address buildings	Central Boilers	Natural gas	2988									2009			LB of Ealing	No
515,817	181,819		Copley Close	Copley Close; PT 1	W7 1AY	Local government	No	ulti-address buildings	Central Boilers	Natural gas	2975									2009			LB of Ealing	No
513,361	185,229		Hill Court	1 - 41 Hill Court	UB5 4EW	Local government	No	ulti-address buildings	Central Boilers	Natural gas	2170									2009			LB of Ealing	No
520,399	179,935		Sheltered Housing	2-62 Neville Close, Acton	W3 8NZ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	1434									2009			LB of Ealing	No
511,236	183,266		Grange Court Estate	1-101 (Con) Old Ruislip Road	UB5 6QJ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	1367									2009			LB of Ealing	No
521,675	180,695		Burghley Tower	1-94 (Con) Trinity Way	W3 7HS	Local government	No	ulti-address buildings	Central Boilers	Natural gas	1361									2009			LB of Ealing	No
515,817	181,819		Copley Close	Copley Close PT2 10; PT3 2	W7 1AY	Local government	No	ulti-address buildings	Central Boilers	Natural gas	1359									2009			LB of Ealing	No
519,876	180,340		Rufford Tower	1-100 (Con) Lexden Road	W3 9NE	Local government	No	ulti-address buildings	Central Boilers	Natural gas	1265									2009			LB of Ealing	No
516,852	180,558		Broughton Court Communal	Broughton Road	W13 8QN	Local government	No	ulti-address buildings	Central Boilers	Natural gas	1197									2009			LB of Ealing	No
515,817	181,819		Copley Close	Copley Close PT2 1	W7 1AY	Local government	No	ulti-address buildings	Central Boilers	Natural gas	1145									2009			LB of Ealing	No
515,593	182,028		Greatdown Road	13-27 (Odd) Greatdown Road	182,028	Local government	No	ulti-address buildings	Central Boilers	Natural gas	851									2009			LB of Ealing	No
513,148	180,405		Charter Court	1 Park View Road	UB1 3HP	Local government	No	ulti-address buildings	Central Boilers	Natural gas	844									2009			LB of Ealing	No
517,895	180,486		Bakers House	Bakers House, The Grove	W5 5DX	Local government	No	ulti-address buildings	Central Boilers	Natural gas	819									2009			LB of Ealing	No
517,269	181,875		Cheriton Close	4-48 (Con) Cheriton Close	181,875	Local government	No	ulti-address buildings	Central Boilers	Natural gas	779									2009			LB of Ealing	No
520,079	179,763		Ludlow Court	Ludlow Court 1-54 (South)	W3 8UN	Local government	No	ulti-address buildings	Central Boilers	Natural gas	768									2009			LB of Ealing	No
520,118	179,726		Carisbrooke Court	1-54 North Carisbrooke Court	W3 8BA	Local government	No	ulti-address buildings	Central Boilers	Natural gas	755									2009			LB of Ealing	No
513,017	179,233		Harmony Lodge	Harmony Lodge, Havelock Road	UB2 4PQ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	745									2009			LB of Ealing	No
519,708	179,440		Meredith Tower	90(A-D); 90-204 (Even) Hanbury Road 2	W3 8RJ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	734									2009			LB of Ealing	No
521,439	180,440		Shillaker Court	1 Bromyard Avenue	W3 7BQ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	697									2009			LB of Ealing	No
519,645	179,415		Conrad Tower	Conrad Tower 231 (A-D) - 345 (1)	W3 8QS	Local government	No	ulti-address buildings	Central Boilers	Natural gas	670									2009			LB of Ealing	No
517,809	178,946		Lindsey House	1 South Road	W5 4RX	Local government	No	ulti-address buildings	Central Boilers	Natural gas	653									2009			LB of Ealing	No
520,130	179,044		Garden Court	32 Rothschild Road	W4 5NZ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	653									2009			LB of Ealing	No
513,524	182,582		Ruislip Road (Sheltered Housing)	147-223; 225 blk 30 Ruislip Road	UB6 9RY	Local government	No	ulti-address buildings	Central Boilers	Natural gas	601									2009			LB of Ealing	No
517,054	181,891		Buckingham Close	76-92 Buckingham Close	W5 1TS	Local government	No	ulti-address buildings	Central Boilers	Natural gas	592									2009			LB of Ealing	No
515,243	181,806		Rolland House (Sheltered Housing)	Rolland House, Laurie Road	W7 1BQ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	581									2009			LB of Ealing	No
518,420	179,594		Walnut Court (Sheltered Housing)	Walnut Court, Rowan Close	W5 4YN	Local government	No	ulti-address buildings	Central Boilers	Natural gas	568									2009			LB of Ealing	No
515,986	182,304		Gurnell Grove Heron House 2	Gurnell Grove Heron House 2	W13 0AR	Local government	No	ulti-address buildings	Central Boilers	Natural gas	557									2009			LB of Ealing	No
514,848	182,994		Whiteoaks Lane	1-8 Whiteoaks Lane	UB6 8XE	Local government	No	ulti-address buildings	Central Boilers	Natural gas	531									2009			LB of Ealing	No
515,886	181,536		Pembroke Court	Pembroke Court, Park Road East	W7 1QF	Local government	No	ulti-address buildings	Central Boilers	Natural gas	516									2009			LB of Ealing	No
518,315	180,449		Hawthorne Court	Hawthorne Court, The Common	180,449	Local government	No	ulti-address buildings	Central Boilers	Natural gas	487									2009			LB of Ealing	No
515,793	181,561		Ditchley Court	Ditchley Court, Templeman Road	W7 1BE	Local government	No	ulti-address buildings	Central Boilers	Natural gas	486									2009			LB of Ealing	No
515,325	180,064		Benjamin court	Benjamin court, Westminster	W7 3UQ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	474									2009			LB of Ealing	No
517,574	178,672		Walton House (Sheltered Housing)	41 Carlyle Road	W5 4BW	Local government	No	ulti-address buildings	Central Boilers	Natural gas	457									2009			LB of Ealing	No
513,603	181,247		Rutherford Tower	1-75 (Con) Lovell Road	UB1 3LF	Local government	No	ulti-address buildings	Central Boilers	Natural gas	448									2009			LB of Ealing	No
517,689	179,218		Cherry Close (Sheltered Housing)	Cherry Close (Sheltered Housing)	W5 4JW	Local government	No	ulti-address buildings	Central Boilers	Natural gas	426									2009			LB of Ealing	No
510,678	183,003		Down Way	23A-33A (Odd); 23B-33B (Odd) Down Way	UB5 6PG	Local government	No	ulti-address buildings	Central Boilers	Natural gas	417									2009			LB of Ealing	No
519,764	179,480		Graham Tower	93-205 (Odd) 93 A-E; Hanbury Road 1	W3 8RQ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	381									2009			LB of Ealing	No
513,015	182,842		Kensington Road	1 Kensington Road	UB5 6AL	Local government	No	ulti-address buildings	Central Boilers	Natural gas	351									2009			LB of Ealing	No
520,992	179,601		Southfield Road	41-45; 41A-45A (Odd) Southfield Road	W4 1AG	Local government	No	ulti-address buildings	Central Boilers	Natural gas	327									2009			LB of Ealing	No
514,653	182,396		Brent Lodge (Sheltered Housing)	Brent Lodge, Church Road	UB6 8RH	Local government	No	ulti-address buildings	Central Boilers	Natural gas	314									2009			LB of Ealing	No
513,279	183,288		Farrier Rd	28-46; 50-60 (Even) Farrier Rd	UB5 6TX	Local government	No	ulti-address buildings	Central Boilers	Natural gas	312									2009			LB of Ealing	No
520,048	179,445		Blackmore Tower	1-187 (Odd) Stanley Road	W3 8UE	Local government	No	ulti-address buildings	Central Boilers	Natural gas	306									2009			LB of Ealing	No
520,916	179,058		Bedford Road	13 Bedford Road (1 - 21)	W4 1JD	Local government	No	ulti-address buildings	Central Boilers	Natural gas	283									2009			LB of Ealing	No
			Stable Court	1 Stable Court		Local government	No	ulti-address buildings	Central Boilers	Natural gas	241									2009			LB of Ealing	No
513,204	183,294		Stable Close	5 Stable Close	UB5 6TW	Local government	No	ulti-address buildings	Central Boilers	Natural gas	231									2009			LB of Ealing	No
			Stable Court	24 Stable Court		Local government	No	ulti-address buildings	Central Boilers	Natural gas	222									2009			LB of Ealing	No
			Cheswick Road	24 Cheswick Road		Local government	No	ulti-address buildings	Central Boilers	Natural gas	207									2009			LB of Ealing	No
519,945	181,615		Westfields Lodge	60 Westfields Road	W3 0AR	Local government	No	ulti-address buildings	Central Boilers	Natural gas	205									2009			LB of Ealing	No
521,343	181,253		St Andrews Road	73 St Andrews Road	W3 7NF	Local government	No	ulti-address buildings	Central Boilers	Natural gas	184									2009			LB of Ealing	No
515,604	182,001		Greatdown Road	13-27 Greatdown Road 13-27	W7 1JR	Local government	No	ulti-address buildings	Central Boilers	Natural gas	172									2009			LB of Ealing	No
517,554	178,645		Darwin Road	51 Darwin Road Flats (A-G)	W5 4BA	Local government	No	ulti-address buildings	Central Boilers	Natural gas	163									2009			LB of Ealing	No
513,396	183,312		130-140 (Even) Farrier Road	130-140 (Even) Farrier Road	UB5 6TY	Local government	No	ulti-address buildings	Central Boilers	Natural gas	137									2009			LB of Ealing	No
515,324	181,985		Kennedy Road	26-40 (Even) Kennedy Road	W7 1JN	Local government	No	ulti-address buildings	Central Boilers	Natural gas	130									2009			LB of Ealing	No
511,945	182,789		Latham Court	Havelock Road	UB5 6EA	Local government	No	ulti-address buildings	Central Boilers	Natural gas	117									2009			LB of Ealing	No
515,221	181,990		Kennedy Road	5-19 Kennedy Road	W7 1JL	Local government	No	ulti-address buildings	Central Boilers	Natural gas	116									2009			LB of Ealing	No
515,388	181,931		Cuckoo estate	Elfwine Road blk 26-32	W7 1JD	Local government	No	ulti-address buildings	Central Boilers	Natural gas	111									2009			LB of Ealing	No
511,982	182,818		Jupiter Court (Sheltered Housing)	Jupiter Court 4 Ruislip Road	UB5 6EB	Local government	No	ulti-address buildings	Central Boilers	Natural gas	109									2009			LB of Ealing	No
513,026	183,214		79-89 (Odd) Kensington Road	79-89 (Odd) Kensington Road	UB5 6AW	Local government	No	ulti-address buildings	Central Boilers	Natural gas	105									2009			LB of Ealing	No
511,954	182,858		Westland Court (Sheltered Housing)	Westland Court, Northolt	UB5 6DZ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	104									2009			LB of Ealing	No
513,444	183,320		83-93 Farrier Road	83-93 Farrier Road	UB5 6TU	Local government	No	ulti-address buildings	Central Boilers	Natural gas	98									2009			LB of Ealing	No
513,253	183,353		Paddock Close	1-7 (Con) Paddock Close	UB5 6TS	Local government	No	ulti-address buildings	Central Boilers	Natural gas	97									2009			LB of Ealing	No
513,327	183,354		Meadow Close	1-7 (Con) Meadow Close	UB5 6TZ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	90									2009			LB of Ealing	No
514,132	181,119		Hartsbourne Court	Fleming Road	UB1 3PD	Local government	No	ulti-address buildings	Central Boilers	Natural gas	81									2009			LB of Ealing	No
516,666	180,264		Crossbow house	Crossbow house	W13 9YL	Local government	No	ulti-address buildings	Central Boilers	Natural gas	80									2009			LB of Ealing	No
515,614	181,972		29; 45-49; 566 Greatdown Road	29; 45-49; 566 Greatdown Road	W7 1JR	Local government	No	ulti-address buildings	Central Boilers	Natural gas	74									2009			LB of Ealing	No
515,354	181,922		Cuckoo Estate	Elfwine Road blk 10-14	W7 1JD	Local government	No	ulti-address buildings	Central Boilers	Natural gas	70									2009			LB of Ealing	No
515,365	182,030		Kennedy Road	61-75 (Odd) Kennedy Road	W7 1JL	Local government	No	ulti-address buildings	Central Boilers	Natural gas	65									2009			LB of Ealing	No
519,888	181,016		Lynton Road	35 Lynton Road, Acton	W3 9HL	Local government	No	ulti-address buildings	Central Boilers	Natural gas	61									2009			LB of Ealing	No
521,264	180,191		Acton Vale Community Centre	Beech Avenue	W3 7JZ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	54									2009			LB of Ealing	No
			Links Community Hall			Local government	No	ulti-address buildings	Central Boilers	Natural gas	49									2009			LB of Ealing	No
517,319	180,924		Gordon Road	48 Gordon Road, Ealing	W5 2AR	Local government	No	ulti-address buildings	Central Boilers	Natural gas	40									2009			LB of Ealing	No
514,153	182,441		Oldfield Lane	19 Oldfield Lane	UB6 9LH	Local government	No	ulti-address buildings	Central Boilers	Natural gas	39									2009			LB of Ealing	No
515,311	182,015		Kennedy Road	39-53 (Odd) Kennedy Road	W7 1JL	Local government	No	ulti-address buildings	Central Boilers	Natural gas	25									2009			LB of Ealing	No
519,572	179,565		Webb Court	373-419 (Odd) Bollo Lane	W3 8QZ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	25									2009			LB of Ealing	No
519,925	179,782		Sheltered Housing	Arundel House 1-22	W3 8RU	Local government	No	ulti-address buildings	Central Boilers	Natural gas	25									2009			LB of Ealing	No
511,899	183,308		Parkfield Drive	1;1A;3;3A;5;5A;7;7A Parkfield Drive	UB5 5NR	Local government	No	ulti-address buildings	Central Boilers	Natural gas	21									2009			LB of Ealing	No
520,511	180,220		Burlington Gardens	38 A;B;C;D Burlington Gardens	W3 6BA	Local government	No	ulti-address buildings	Central Boilers	Natural gas	20									2009			LB of Ealing	No
			Gurnell Grove Communal 3	Gurnell Grove Communal 3		Local government	No	ulti-address buildings	Central Boilers	Natural gas	18									2009			LB of Ealing	No
515,793	181,768		Tenants Club	189 Copley Close	W7 1AZ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	18									2009			LB of Ealing	No
512,760	178,968		Norwood Road	123 Norwood Road, flats 1-4, Southall	UB2 4DY	Local government	No	ulti-address buildings	Central Boilers	Natural gas	16									2009			LB of Ealing	No
520,196	180,283		4a Newburgh Road	4a Newburgh Road	W3 6DQ	Local government	No	ulti-address buildings	Central Boilers	Natural gas	15									2009			LB of Ealing	No
511,899	183,308		Landseer House	1;1A;3;3A;5;5A;7;7A Parkfield Drive	UB5 5NR	Local government	No	ulti-address buildings	Central Boilers	Natural gas	14									2009			LB of Ealing	No
513,076	179,375		Hunt Road	37 Hunt Road, Southall	UB2 4QB	Local government	No	ulti-address buildings	Central Boilers	Natural gas	7									2009			LB of Ealing	No
515,620	181,939		45 Greatdown Road	Greatdown Road	W7 1JR	Local government	No	ulti-address buildings	Central Boilers	Natural gas	6									2009			LB of Ealing	No
			EBC	St Marys Avenue, Southall		Local government	No	ulti-address buildings	Central Boilers	Natural gas	2									2009			LB of Ealing	No
514,653	182,396		Brent Lodge	Costons Lane	UB6 8RH	Local government	No	ulti-address buildings	Central Boilers	Natural gas	1									2009			LB of Ealing	No
517,895	180,486		Bakers House	Bakers House 1 - 30	W5 5DX	Local government	No	ulti-address buildings	Central Boilers	Natural gas													LB of Ealing	No
517,895	180,486		Bakers House	The Grove, Ealing	W5 5DX	Local government	No	ulti-address buildings	Central Boilers	Natural gas													LB of Ealing	No
518,592	180,118		Elm Avenue	3 Elm Avenue 3, Ealing	W5 3XA	Local government	No	ulti-address buildings	Central Boilers	Natural gas													LB of Ealing	No
512,197	183,744		Moorlands (Sheltered Housing)	1 Godfrey Avenue	UB5 5NB	Local government	No	ulti-address buildings	Central Boilers	Natural gas													LB of Ealing	No
514,898	182,999		Whiteoaks House	Whiteoaks Lane, Greenford	UB6 8XE	Local government	No	ulti-address buildings	Central Boilers	Natural gas													LB of Ealing	No
517,096	179,960		Soan House	1 Lyncroft Gardens	W13 9PX	Local government	No	ulti-address buildings	Central Boilers	Natural gas													LB of Ealing	No
519,824	179,572		Jerome Tower	34-220 (Even) Osborne Road	W3 8SP	Local government	No	ulti-address buildings	Central Boilers	Natural gas													LB of Ealing	No
520,107	180,808		Shalimar Lodge	1-24 (Con) Horn Lane	W3 6PR	Local government	No	ulti-address buildings	Central Boilers	Natural gas													LB of Ealing	No
517,900	180,633		Ealing Central Library	The Broadway, Ealing	W5 5JY	Local government	No	ther public buildings		Natural gas	583		3,521					107.86		2008			NI 185	No
520,273	180,049		Acton Library	High Street, Acton	W3 6NA	Local government	No	ther public buildings		Natural gas	156		1,032					28.88		2008			NI 185	No
516,370	180,282		West Ealing Library	Melbourne Avenue, Ealing	W13 9BA	Local government	No	ther public buildings		Natural gas	146		644					27.08		2008			NI 185	No
512,595	179,517		Southall Library	9 - 11 Osterley Park Road, Southall	UB2 4BL	Local government	No	ther public buildings		Natural gas	119		815					22.03		2008			NI 185	No
514,504	185,054		Wood End Library	Whitton Avenue West, Greenford	UB6 0EE	Local government	No	ther public buildings		Natural gas	98		241					18.07		2008			NI 185	No
515,566	180,311		Hanwell Library	Cherington Road, Hanwell	W7 3HL	Local government	No	ther public buildings		Natural gas	92		477					16.93		2008			NI 185	No
516,187	183,172		Library Support Centre	Horsenden Lane South, Greenford	UB6 8AP	Local government	No	ther public buildings		Natural gas	86		300					15.91		2008			NI 185	No
514,188	182,493		Greenford Library	25 Oldfield Lane South, Greenford	UB6 9LG	Local government	No	ther public buildings		Natural gas	81		565					14.99		2008			NI 185	No
516,324	183,742		Perivale Library	Horsenden Lane, Greenford	UB6 7NT	Local government	No	ther public buildings		Natural gas	73		241					13.56		2008			NI 185	No
512,071	183,539		Northolt Library	388-404 Church Road, Northolt	UB5 5AS	Local government	No	ther public buildings			146		697										NI 185	No
517,117	179,135		Northfields Gardens Library	Northfield Avenue, Ealing	W5 4UA	Local government	No	ther public buildings			39		186										NI 185	No
517,063	182,122		Pitshanger Library	143-145 Pitshanger Lane, Ealing	W5 1RH	Local government	No	ther public buildings			32		150										NI 185	No
514,520	183,523		50 Community Road	50 Community Road, Greenford,	UB6 8XF	Local government	No	cal government estate		Natural gas	388		1,105					71.78		2008			NI 185	No
518,863	180,737		36 Inglis Road (Group Home)	36 Inglis Road, Ealing,	W5 3RL	Local government	No	cal government estate		Natural gas	94		205					17.46		2008			NI 185	No
517,595	180,101		23 Sunnyside Road Ealing	23 Sunnyside Road, Ealing,	W5 5HT	Local government	No	cal government estate		Natural gas	61		145					11.31		2008			NI 185	No
515,984	179,842		57 Oaklands Road Hanwell	57 Oaklands Road, Hanwell,	W7 2DT	Local government	No	cal government estate		Natural gas	49		140					9.07		2008			NI 185	No
515,814	179,588		164 Boston Road Hanwell	164 Boston Road, Hanwell,	W7 2HP	Local government	No	cal government estate		Natural gas	36		90					6.6		2008			NI 185	No
516,201	179,715		125 Elthorne Avenue, Hanwell	125 Elthorne Avenue, Hanwell,	W7 2JZ	Local government	No	cal government estate		Natural gas	32		120					5.97		2008			NI 185	No
511,474	183,518		3 Bancroft Court,	3 Bancroft Court, Northolt,	UB5 5JS	Local government	No	cal government estate		Natural gas	18		95					3.36		2008			NI 185	No
515,520	179,559		69 Studley Grange, Hanwell	69 Studley Grange, Hanwell,	W7 1JX	Local government	No	cal government estate		Natural gas	14		120					2.56		2008			NI 185	No
517,445	180,732		Perceval House	14-16 Uxbridge Road, Ealing,	W5 2HL	Local government	No	ther public buildings		Natural gas	3857		19,950					713.46		2008			NI 185	No
513,103	182,741		301 Ruislip Road, Greenford	301 Ruislip Road, Greenford		Local government	No	ther public buildings		Natural gas	380		2,850					70.24		2008			NI 185	No
512,391	184,531		Ealing Family Support Service	21 Cowings Mead, Northolt,	UB5 5SA	Local government	No	ther public buildings		Natural gas	248		366					45.95		2008			NI 185	No
518,108	180,842		Carmelita House	21 -22 The Mall, Ealing,	W5 2PJ	Local government	No	ther public buildings		Natural gas	190		750					35.14		2008			NI 185	No
514,144	182,386		Greenford Assembly Hall	Ruislip Road, Middlesex	UB6 9QN	Local government	No	ther public buildings		Natural gas	151		2,190					27.99		2008			NI 185	No
519,109	180,368		376 Uxbridge Road		W5 3LH	Local government	No	ther public buildings		Natural gas	125							23.13		2008			NI 185	No
518,313	182,752		Westgate House	West Gate, Ealing,	W5 1YY	Local government	No	ther public buildings		Natural gas	97		1,398					17.87		2008			NI 185	No
514,206	181,958		133 Windmill Lane	133 Windmill Lane, Greenford,	UB6 9DZ	Local government	No	ther public buildings		Natural gas	76		184					14.08		2008			NI 185	No
520,307	180,029		Acton Town Hall	High Street, Acton,	W3 6NE	Local government	No	ther public buildings		Natural gas	13		2,600					2.37		2008			NI 185	No
512,370	178,870		0-12 SAFE	1st Floor, Talbot Road, Southall,	UB2 5QH	Local government	No	ther public buildings		Natural gas	137		580					25.29		2008			NI 185	No
517,888	180,662		16 - 18 Ealing Broadway (Old Vertex	16 - 18 Ealing Broadway (Old Vertex Building)	W5 5JY	Local government	No	ther public buildings															NI 185	No
513,240	179,522		Southall Decimal Centre	Bridge Road, Southall,	UB2 4AY	Local government	No	ther public buildings															NI 185	No
512,850	180,404		Southall Town Hall	High Street, Southall,	UB1 3HA	Local government	No	ther public buildings															NI 185	No
519,935	179,994		Youth Offending Team	2 Cheltenham Place, Acton,	W3 8JS	Local government	No	ther public buildings			35		229										NI 185	No
517,557	180,736		Ealing Town Hall	New Broadway, Ealing,	W5 2BY	Local government	No	ther public buildings			1969		9,606										NI 185	No
			Community Team for People with Le	64 Green Lane, Hanwell,	W7 2PB	Local government	No	ther public buildings		Natural gas	327							60.45		2008			NI 185	No
517,588	179,600		Ealing Direct	44 South Ealing Road, Ealing,	W5 4QA	Local government	No	ther public buildings		Natural gas			81										NI 185	No
					TOTAL						62,666	0	51,673	0	0.00	0.00	0.00	1,429	-	-	-	-	-	-

⬜	Manual input (wording)
🟨	Select from drop-down list
🟥	Mandatory input
🟩	Desirable input

Major Heat Loads

OXS	OYS	Object ID	Name	Address	Postcode	Ownership	New Development	Typology	Heating supply	Fuel source	Fuel consumption from all assets excluding CHP (MWh/year)	Fuel consumption from CHP (MWh/year)	Gross internal floor area (m^2)	Number of dwellings	Installed thermal capacity from all assets	CHP Installed power (MWe)	CHP Installed thermal capacity (MWe)	CO2 emissions (tCO2/year)	Year of Construction	Year of data collection	Start date	Completion date	Data Source	Confidentiality of data
TOTAL											**0**	**0**	**0**	**0**	**0.00**	**0.00**	**0.00**	**0**	**-**	**-**	**-**	**-**	**-**	**-**

	Manual input (wording)
	Select from drop-down list
	Mandatory input
	Desirable input

Major Heat Loads

OXS	OYS	Object ID	Name	Address	Postcode	Ownership	New Development	Typology	Heating supply	Fuel source	Fuel consumption from all assets excluding CHP	Fuel consumption from CHP (MWh/year)	Gross internal floor area (m^2)	Number of dwellings	Installed thermal capacity from all assets	CHP Installed power (MWe)	CHP Installed thermal capacity (MWe)	CO2 emissions (tCO2/year)	Year of Construction	Year of data collection	Start date	Completion date	Data Source	Confidentiality of data
516381	180483		Green Man Lane Estate	Green Man Lane Estate, Singapore Road Multi Storey Car Park, Singapore Road Surface Car Park, Dean Hall And Other Associated Highways West Ealing London	W13 0SN	Private	Yes	Multi-address buildings		Natural gas		4,476	3,960			0.33	0.30				2011	2021	P/2010/0106	No
511724	179622		Southall Gas Works	Southall Gas Works Site Southall Middlesex, Southall	UB1 1QZ	Private	Yes	Multi-address buildings		Mixed source	19430.787		413,421	4,500	2	1.11	1.76				2011	2026	P/2008/3981	No
517599	180764		Dickens Yard	Land At Dickens Yard & The Church Of Christ The Saviour & 2-12 New Broadway Ealing London	W5 2XA	Private	Yes	Multi-address buildings		Mixed source	3826.888		66,264	698		0.30	0.62				2011	2021	P/2008/0156	No
520,035	179760		South Acton Estate	Part Of South Acton Estate-Including Land On/Adj To Part Bollo Bridge Road, Stanley Road, Palmerston Road, Vincent Road, All Saints' Road and southern part of Recreation Ground, excluding Charles Hocking House, Barwick House Woolf And Wodehouse Courts And Community	W3	Private	Yes	Multi-address buildings			3236.989		66,367	756		0.44					2011		LB Ealing (Donna Skordili)	No
514442	182788		Residential Care Home	118 Oldfield Lane South Greenford Greenford	UB6 9JX	Private	Yes	Multi-address buildings		Natural gas	731.7		2,700				0.02							P/2009/3309	No
520,035	179760		South Acton Estate / Subsequent phases	Part Of South Acton Estate-Including Land On/Adj To Part Bollo Bridge Road, Stanley Road, Palmerston Road, Vincent Road, All Saints' Road and southern part of Recreation Ground, excluding Charles Hocking House, Barwick House Woolf And Wodehouse Courts And Community	W3	Private	Yes	Multi-address buildings			5670.08		195,520	2,444								2026	LB Ealing DPD Sites (Ian Walker)	No
520,165	180149		ACT02 – Oaks Shopping Centre and Churchfield Road Car Park	High Street, Churchfield Road and Hoopers Mews, Acton		Private	Yes	Multi-address buildings			487.2		16,800	210							2011	2021	LB Ealing DPD Sites (Ian Walker)	No
512371	179599		SOU04 – 'Suterwalla site' and Phoenix House	Land west of The Green, south of Southbridge Way and east of Queen's Road		Private	Yes	Multi-address buildings			719.2		24,800	310							2011	2026	P/2005/4387	No
520807	181761		PAR01 – Southern Gateway and Perfume Factory	Portal Way		Private	Yes	Multi-address buildings			2262		78,000	975							2011	2026	LB Ealing DPD Sites (Ian Walker)	No
517,786	180,817		Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers and car park adjacent to Haven Green	W5 2ND	Private	Yes	Private residential (> 149 units or 9,999 m2)		Natural gas	1315.44		45,360	567							2011	2021	P/2007/4246	No
TOTAL											**37680.284**	**4,476**	**913,192**	**10,460**	**2.00**	**2.18**	**2.70**	**0**	**-**	**-**	**-**	**-**	**-**	**-**

	Manual input (wording)
	Select from drop-down list
	Mandatory input
	Desirable input

Major Heat Loads

OXS	OYS	Object ID	Name	Address	Postcode	Ownership	New Development	Typology	Heating supply	Fuel source	Fuel consumption from all assets excluding CHP (MWh/year)	Fuel consumption from CHP (MWh/year)	Gross internal floor area (m^2)	Number of dwellings	Installed thermal capacity from all assets	CHP Installed power (MWe)	CHP Installed thermal capacity (MWe)	CO2 emissions (tCO2/year)	Year of Construction	Year of data collection	Start date	Completion date	Data Source	Confidentiality of data
514725	184319		Tera 40 Industrial Estate	Auriol Drive Greenford	UB6 0TP	Private	Yes	Private commercial (> 9,999 m2)		Renewable						0.33	0.30						P/2009/1418	No
519959	180444		Acton Central Industrial Estate	Rosemont Road Acton London	W3 9HT	Private	Yes	Multi-address buildings															P/2009/2975	No
520256	178687		2 Bollo Lane	2 Bollo Lane, Chiswick, London	W4 5LE	Private	Yes	Multi-address buildings		Natural gas		219				0.02					2011	2016	P/2009/3548	No
516528	180417		50-54 Broadway	50 54 Broadway West Ealing Ealing London	W13 0SU	Private	Yes	Multi-address buildings		Natural gas													PP/2009/4277	No
520885	181841		BBC Former Costume Srore	Victoria Road Acton London	W3 6UL	Private	Yes	Private commercial (> 9,999 m2)			603		9,000										P/2009/4065	No
515,651	180,202			79-89 Uxbridge Road	W7 3ST	Private	Yes	Multi-address buildings								0.03								No
517,786	180,817		Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers and car	W5 2ND	Private	Yes	Private commercial (> 9,999 m2)		Natural gas	952		17,000								2011	2021	P/2007/4246	No
517,786	180,817		Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers and car	W5 2ND	Private	Yes	Multi-address buildings		Natural gas	592.8		1,300								2011	2021	P/2007/4246	No
517,786	180,817		Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers and car	W5 2ND	Private	Yes	Multi-address buildings		Natural gas	33.5		500								2011	2021	P/2007/4246	No
517,786	180,817		Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers and car	W5 2ND	Private	Yes	Sport & Leisure facilities		Natural gas	324		1,800								2011	2021	P/2007/4246	No
516712	182972		Tesco	Hoover Building, Western Avenue, Southall, Greater London	UB6 8DW	Private	No	Private commercial (> 9,999 m2)															internet	No
516579	180682		Waitrose West Ealing	2 Alexandria Road West Ealing London	W13 0NL	Private	No	Private commercial (> 9,999 m2)															internet	No
520534	178615		Waitrose Chiswick	356-362 High Street Chiswick, London,	W4 5UR	Private	No	Private commercial (> 9,999 m2)															internet	No
523406	180193		Waitrose Westfield	Waitrose, Westfield London London,	W12 7GA	Private	No	Private commercial (> 9,999 m2)															internet	No
516334	180277		Sainsbury's West Ealing	Melbourne Avenue London	W13 9BZ	Private	No	Private commercial (> 9,999 m2)															internet	No
519958	180190		Morrison's Acton	King Street Acton	W3 9LA	Private	No	Private commercial (> 9,999 m2)															internet	No
517809	180690		Marks & Spencer	Ealing Broadway Centre, London	W5 5JW	Private	No	Private commercial (> 9,999 m2)															internet	No
517737	179297		The Co-Operative Food	The Woodlands, 89 South Ealing Road, Ealing	W5 4QS	Private	No	Private commercial (> 9,999 m2)															internet	No
TOTAL											**2,505**	**219**	**29,600**	**0**	**0.00**	**0.38**	**0.30**	**0**	**-**	**-**	**-**	**-**	**-**	**-**

	Manual input (wording)
	Select from drop-down list
	Mandatory input
	Desirable input

Major Heat Loads

OXS	OYS	Object ID	Name	Address	Postcode	Ownership	New Development	Typology	Heating supply	Fuel source	Fuel consumption from all assets excluding CHP	Fuel consumption from CHP (MWh/year)	Gross internal floor area (m^2)	Number of dwellings	Installed thermal capacity from all assets	CHP Installed power (MWe)	CHP Installed thermal capacity (MWe)	CO2 emissions (tCO2/y	Year of Construction	Year of data collection	Start date	Completion date	Data Source	Confidentiality of data
514,708	180,635		Brent Lodge	Church & Manor Park Roads,	W7 3BP	Local government	No	Other public buildings		Natural gas	378.22		415					69.96		2008			NI 185	No
518,421	181,614		Ealing Central Sports Ground	PARK VIEW ROAD, EALING	W5 2JF	Local government	No	Other public buildings		Natural gas	268.03		562					49.58		2008			NI 185	No
515446	182885		Perivale Park	Stockdove Way, Perivale,	UB6 8TJ	Local government	No	Other public buildings		Natural gas	123.28		430					22.8		2008			NI 185	No
			Old Fire Station			Local government	No	Other public buildings		Natural gas	122.49							22.66		2008			NI 185	No
515446	182885		Perivale Park Athletic Track & Gyr	Stockdove Way/Ruislip Road	UB6 8TJ	Local government	No	Other public buildings		Natural gas	65.22		174					12.06		2008			NI 185	No
517,466	179,904		Lammas Park	Culmington Road, West Ealin	W13 9QD	Local government	No	Other public buildings		Natural gas	35.48		130					6.56		2008			NI 185	No
			The Lodge - Manor House Ground	The Green, Southall,	UB2 4DH	Local government	No	Other public buildings		Natural gas	25.27							4.67		2008			NI 185	No
518,347	182,193		Hanger Hill Pitch & Put	Hillcrest Road, Ealing,	W5 1HP	Local government	No	Other public buildings		Natural gas	18.5		66					3.42		2008			NI 185	No
			Drayton Green Youth Centre	Drayton Green, Hanwell	W7	Local government	No	Other public buildings		Natural gas	18.28		67					3.38		2008			NI 185	No
520636	179756		Southfields Recreation Ground Pa	Adj to 89 Southfield Road, Ac	W4 5XB	Local government	No	Other public buildings		Natural gas	17.55							3.25		2008			NI 185	No
520827	180280		Acton Park	The Vale, Uxbridge Road, Act	W3 7JT	Local government	No	Other public buildings		Natural gas	11.09							2.05		2008			NI 185	No
			Oldfield Kitchen (Meals on Wheels	Greenford Road, Greenford,	UB6 0DP	Local government	No	Other public buildings		Natural gas	9.93							1.84		2008			NI 185	No
511941	178919		Southall Recreation Ground - Cha	The Common, Southall	UB2	Local government	No	Other public buildings		Natural gas	0.1		249					0.02		2008			NI 185	No
514193	182422		Greenford Broadway Public Conve	Oldfield Lane South, Greenfo	UB6 9LH	Local government	No	Other public buildings		Natural gas													NI 185	No
515822	184640		Horsenden Recreation Ground Bo	Off Horsenden Lane North (o	UB6 7PH	Local government	No	Other public buildings		Natural gas													NI 185	No
515,295	180,877		Little Lodge	136 Church Road, Hanwell	W7 3BL	Local government	No	Other public buildings		Natural gas													NI 185	No
520202	181484		North Acton Bowls pavilion & Rec	Eastfields Road, Acton,	W3 0JF	Local government	No	Other public buildings		Natural gas													NI 185	No
513134	184228		Northolt Rest Garden - Willow Co	Ealing Road, Northolt,	UB5 5HG	Local government	No	Other public buildings		Natural gas													NI 185	No
520202	181484		Park Lodge Tennis Centre	Noel Road, Acton,	W3	Local government	No	Other public buildings		Natural gas													NI 185	No
517585	180515		Perceval Lodge	Mattock Lane, Ealing,	W5 3BE	Local government	No	Other public buildings		Natural gas													NI 185	No
516441	179324		West Ealing Bowls and Social Club	Mervyn Road, West Ealing	W13	Local government	No	Other public buildings		Natural gas													NI 185	No
520560	181937		Acton Cemetery Chapel	Park Royal Road, Park Royal	W3 6XA	Local government	No	Other public buildings		Natural gas			154										NI 185	No
515266	180972		Brent Valley Golf Club	Church Road, Hanwell,	W7 3BE	Local government	No	Other public buildings		Natural gas			50										NI 185	No
517356	180003		Walpole Park	Mattock Lane, Ealing,	W5 5HZ	Local government	No	Other public buildings		Natural gas			332										NI 185	No
514744	179345		Warren Farm	Windmill Lane , Southall,	UB2 4NE	Local government	No	Other public buildings		Natural gas			1,847										NI 185	No
TOTAL											**1,093**	**0**	**4,476**	**0**	**0.00**	**0.00**	**0.00**	**202**	**-**	**-**	**-**	**-**	**-**	**-**

	Manual input (wording)
	Select from drop-down list
	Mandatory input
	Desirable input

Major Heat Supply plants

OXS	OYS	Object ID	Name	Address	Postcode	Ownership	New development	Typology	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Heat generation from all assets including CHP (MWh/year)	Installed thermal capacity from all assets including CHP (MWth)	Installed power from all assets including CHP (MWe)	CO2 emissions (tCO2/year)	Date of Construction	Year of data collection	Start date	Completion date	Data source	Confidentiality of data
511,850	179755		Blue NG	The Straight, Southall	UB1 1QX	Private	Yes	Power plants	Renewable			5.00	18					2012	P/2009/0780	No
TOTAL										**0**	**0**	**5.00**	**18.00**	**0**	**-**	**-**	**-**	**-**	**-**	**-**

	Manual input (wording)
	Select from drop-down list
	Mandatory input
	Desirable input

DH Networks

OXS	OYS	Object ID	Name	Area Covered	Energy Centre Address	Energy Centre Postcode	Ownership	Energy Centre Typology	Fuel source	Length of trench (km)	Fuel consumption from all assets including CHP (MWh/year)	Heat generation from all assets including CHP (MWh/year)	Installed thermal capacity from all assets including CHP	Installed power from all assets including CHP (MWe)	CO2 emissions (tCO2/year)	Date of Construction	Year of data collection	Start date	Completion date	Data source	Confidentiality of data
TOTAL										**0.00**	**0**	**0**	**0.00**	**0.00**	**0**	**-**	**-**	**-**	**-**	**-**	**-**

	Manual input (wording)
	Select from drop-down list
	Mandatory input
	Desirable input

General Guidance

OXS & OYS

The X & Y fields must be completed for all Heat Loads and Heat Supply Plants.
The X & Y values used for a site should match the X & Y values found in the address point for that building (using the OS Address Point database).
Where no address point is available the X & Y value must be within the boundary of the building.
DO NOT use an X & Y value from a post code, as these represent several addresses and will not position the site in its correct location.

For more detailed information please refer to the data collection methodology.

DH Networks

Any DH Networks entries must be accompanied by a shapefile or drawing of the actual network so it can be added to the Heat Map website.
These attached files should have the same name as the site they refer to.
If there are 2 sites with the same name, please further identify each file so the correct attachment can be matched to the site.

Major Heat Loads

OXS	OYS	Object ID	Name	Address	Postcode	Ownership	New Development	Typology	Heating supply	Fuel source	Fuel consumption from all assets excluding CHP	Fuel consumption from CHP (MWh/year)	Gross internal floor area (m²)	Number of dwellings	Installed thermal capacity from all assets	CHP Installed power (MWe)	CHP Installed thermal capacity (MWe)	CO2 emissions (tCO2/year)	Year of Construction	Year of data collection	Start date	Completion date	Data Source	Confidentiality of data	Attach file	Borough	Real or Estimated data?	Notes
49	520864	###	Become Healthy Herbal Life	51a, Esmond Road, London	W4 1JG		No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
166	514893	###	Ealing Northern Sports Centre				No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
167	515151	###	Ealing Northern Sports Centre				No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
171	517185	###	Eden Fitness	Cavalier House 46-50, Uxbrid	W5 2SP		No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
177	519748	###	Energise Fitness	Acton Centre, Gunnersbury La	W3 8UX		No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
265	519326	###	Golds Gym	Royale Leisure Park, Kendal A	W3 0PA		No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
279	518897	###	G's Gym	210, Popes Lane, London	W5 4NB		No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
344	514387	###	Jealous Health Club Group	8, Windmill Avenue, Southall	UB2 4XE		No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
485	519374	###	Park Royal South Leisure Complex				No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
504	512099	###	Playing Court				No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
531	516548	###	Rank UK Holdings Ltd	6, Connaught Road, London	W13 0TE		No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
542	521029	###	Rocks Lane Multi Sports Centre	60, Chiswick Common Road,	W4 1RZ		No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
610	512231	###	Sports Hall				No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
672	521352	###	Virgin Active	36, Bromyard Avenue, Londo	W3 7AU		No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
673	515674	###	Vista Star Leisure Plc	52, Uxbridge Road, London	W7 3SU		No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
679	510881	###	West London Shooting School	West End Road, Northolt	UB5 6RA		No	ort & Leisure facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
102	517819	###	HM Revenue & Customs	International House 7 High St	W5 5DJ	Central government	No	ntral government estate			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
150	518946	###	Muslim Law (Shariah) Council	20-22 Creffield Road ,London	W5 3RP	Central government	No	ntral government estate			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
162	517216	###	Office of Fair Trading	Craven House 40-44 Uxbridge	W5 2BS	Central government	No	ntral government estate			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
206	520068	###	South Acton Regeneration Office L	108 Bollo Bridge Road ,Londo	W3 8DD	Central government	No	ntral government estate			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
83	517639	###	Thames Valley University	Walpole House 18-20, Bond S	W5 5AA	Private	No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
84	517844	###	Thames Valley University	St. Marys Road, London	W5 5RF	Private	No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
85	517256	###	Thames Valley University	Westel House 32-38, Uxbridge	W5 2BS	Private	No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
177	510824	###	DOWN MANOR COMBINED FIRST	DOWN MANOR COMBINED FI	UB5 6NW		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
185	511452	###	FEATHERSTONE PRIMARY SCHOOL	FEATHERSTONE PRIMARY SC	UB2 5JT		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
186	511711	###	BLAIRE PEACH PRIMARY SCHOOL	BLAIRE PEACH PRIMARY SCH	UB1 1DD		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
208	512367	###	TALBOT ROAD SCHOOL	TALBOT ROAD SCHOOL	UB2 5QH		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
209	512382	###	CLIFTON PRIMARY SCHOOL	CLIFTON PRIMARY SCHOOL	UB2 5QP		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
211	512959	###	SYBIL ELGAR SCHOOL	SYBIL ELGAR SCHOOL	UB2 4NY		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
212	512898	###	HAVELOCK PRIMARY SCHOOL	HAVELOCK PRIMARY SCHOOL	UB2 4PA		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
213	512082	###	FEATHERSTONE JUNIOR MIXED S	FEATHERSTONE JUNIOR MIXE	UB2 5AG		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
214	512061	###	FEATHERSTONE HIGH SCHOOL	FEATHERSTONE HIGH SCHOO	UB2 5HF		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
215	512050	###	FEATHERSTONE INFANT SCHOOL	FEATHERSTONE INFANT SCH	UB2 5AQ		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
216	512362	###	BEACONSFIELD PRIMARY SCHOOL	BEACONSFIELD PRIMARY SCH	UB1 1DR		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
218	512861	###	DAIRYMEAD MEADOW PRIMARY S	DAIRYMEAD MEADOW PRIMA	UB2 4RP		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
219	512632	###	KHALSA SCHOOL SOUTHALL PROM	KHALSA SCHOOL SOUTHALL	UB1 9DN		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
220	512655	###	HAMBROUGH FIRST SCHOOL	HAMBROUGH FIRST SCHOOL	UB1 1SF		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
224	512757	###	DURDANS PARK SCHOOL	DURDANS PARK SCHOOL	UB1 2PQ		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
225	512963	###	LADY MARGARET JUNIOR MIDDLE	LADY MARGARET JUNIOR MID	UB1 2NH		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
226	512772	###	GIFFORD PRIMARY SCHOOL	GIFFORD PRIMARY SCHOOL	UB5 6BU		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
253	513597	###	THREE BRIDGES PRIMARY SCHOO	THREE BRIDGES PRIMARY SC	UB2 4HT		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
254	513688	###	DORMERS WELLS JMI SCHOOL	DORMERS WELLS JMI SCHOO	UB1 3HX		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
255	513496	###	ALLENBY PRIMARY SCHOOL	ALLENBY PRIMARY SCHOOL	UB1 2HX		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
256	513408	###	DORMERS WELLS HIGH SCHOOL	DORMERS WELLS HIGH SCH	UB1 3HZ		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
258	513223	###	GREENFORD HIGH SCHOOL	GREENFORD HIGH SCHOOL	UB1 2GU		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
272	514424	###	CARDINAL WISEMAN SECONDARY	CARDINAL WISEMAN SECOND	UB6 9AW		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
275	514489	###	COSTON PRIMARY SCHOOL	COSTON PRIMARY SCHOOL	UB6 9JU		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
276	514545	###	EDWARD BETHAM PRIMARY SCHO	EDWARD BETHAM PRIMARY S	UB6 9JT		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
289	515983	###	ELTHORNE HIGH SCHOOL	ELTHORNE HIGH SCHOOL	W7 2AH		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
294	515577	###	DRAYTON MANOR HIGH SCHOOL	DRAYTON MANOR HIGH SCH	W7 1EU		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
295	515891	###	GURNELL MIDDLE SCHOOL	GURNELL MIDDLE SCHOOL	W13 0DH		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
296	515994	###	CASTLEBAR SPECIAL SCHOOL	CASTLEBAR SPECIAL SCHOOL	W13 0DH		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
297	515891	###	HATHAWAY PRIMARY SCHOOL	HATHAWAY PRIMARY SCHOOL	W13 0DH		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
298	515486	###	HOBBAYNE PRIMARY SCHOOL	HOBBAYNE PRIMARY SCHOOL	W7 1HA		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
299	515273	###	BRENTSIDE PRIMARY SCHOOL	BRENTSIDE PRIMARY SCHOO	W7 1JL		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
300	515266	###	BRENTSIDE HIGH SCHOOL	BRENTSIDE HIGH SCHOOL	W7 1JJ		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
316	516659	###	FIELDING PRIMARY SCHOOL	FIELDING PRIMARY SCHOOL	W13 9TE		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
317	516086	###	BUTTONS DAY NURSERY SCHOOL	BUTTONS DAY NURSERY SCH	W7 2DT		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
318	516345	###	DRAYTON GREEN PRIMARY SCHO	DRAYTON GREEN PRIMARY S	W13 0LA		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
322	516928	###	NOTTING HILL & EALING HIGH S	NOTTING HILL & EALING HIG	W13 8AX		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
323	516670	###	EALING COLLEGE UPPER SCHOOL	EALING COLLEGE UPPER SCH	W13 8JS		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
324	516930	###	NOTTING HILL & EALING HIGH S	NOTTING HILL & EALING HIG	W13 8HH		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
344	517480	###	LITTLE EALING PRIMARY SCHOOL	LITTLE EALING PRIMARY SCH	W5 4EA		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
345	517409	###	MOUNT CARMEL RC PRIMARY SCH	MOUNT CARMEL RC PRIMARY	W5 4EA		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
346	517776	###	GRANGE PRIMARY SCHOOL	GRANGE PRIMARY SCHOOL	W5 4HN		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
347	517544	###	MADDYS JIVING SCHOOL	MADDYS JIVING SCHOOL	W5 3GP		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
348	517524	###	MET FILM SCHOOL	MET FILM SCHOOL	W5 5EP		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
349	517544	###	POLISH SCHOOL	POLISH SCHOOL	W5 9DP		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
351	517589	###	DURSTON HOUSE SCHOOL	DURSTON HOUSE SCHOOL	W5 2DR		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
352	517557	###	HARVINGTON SCHOOL	HARVINGTON SCHOOL	W5 2DS		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
353	517580	###	ST. BENEDICTS SCHOOL	ST. BENEDICTS SCHOOL	W5 2ES		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
354	517848	###	ASTON HOUSE SCHOOL	ASTON HOUSE SCHOOL	W5 2QP		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
355	517949	###	ASTON HOUSE SCHOOL	ASTON HOUSE SCHOOL	W5 2RL		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
356	517465	###	ST. BENEDICTS JUNIOR SCHOOL	ST. BENEDICTS JUNIOR SCH	W5 2XP		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
392	518678	###	THE FALCONS SCHOOL FOR GIRLS	THE FALCONS SCHOOL FOR G	W5 3XD		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
393	518208	###	BUTTERCUPS DAY NURSERY & MO	BUTTERCUPS DAY NURSERY &	W5 3TU		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
394	518684	###	EALING RIDING SCHOOL	EALING RIDING SCHOOL	W5 3XD		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
395	518894	###	ELLEN WILKINSON HIGH SCHOOL	ELLEN WILKINSON HIGH SCH	W3 0HW		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
396	518694	###	THE MONTESSORI SCHOOL	THE MONTESSORI SCHOOL	W5 3EB		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
408	519947	###	BERRYMEDE FIRST & JUNIOR SCH	BERRYMEDE FIRST & JUNIOR	W3 8SJ		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
409	519947	###	BERRYMEDE INFANT SCHOOL	BERRYMEDE INFANT SCHOOL	W3 8RN		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
410	519432	###	ACTON HIGH SCHOOL	ACTON HIGH SCHOOL	W3 8EY		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
413	519171	###	WEST TWYFORD PRIMARY SCHOO	WEST TWYFORD PRIMARY SC	NW107DN		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
430	520263	###	VILLAGE MONTESSORI NURSERY	VILLAGE MONTESSORI NURS	W3 8AX		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
432	520204	###	DERWENT WATER PRIMARY SCHO	DERWENT WATER PRIMARY S	W3 6SA		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
458	521040	###	ORCHARD HOUSE SCHOOL	ORCHARD HOUSE SCHOOL	W4 1LB		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
461	521103	###	EAST ACTON PRIMARY SCHOOL	EAST ACTON PRIMARY SCHO	W3 7HA		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
462	521169	###	BARBARA SPEAKE STAGE SCHOOL	BARBARA SPEAKE STAGE SC	W3 7EG		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
464	521131	###	JOHN PERRYN PRIMARY SCHOOL	JOHN PERRYN PRIMARY SCH	W3 7PD		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
1079	512120	###	JOHN CHILTON SCHOOL	JOHN CHILTON SCHOOL	UB5 5LD		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
1090	513200	###	BELVUE SCHOOL	BELVUE SCHOOL	UB5 6AG		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
1105	514461	###	GREENWOOD PRIMARY SCHOOL	GREENWOOD PRIMARY SCHO	UB5 4QG		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
1118	515539	###	HORSENDEN PRIMARY SCHOOL	HORSENDEN PRIMARY SCHO	UB6 0PB		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
1154	516626	###	SUDBURY TOWN NURSERY SCHO	SUDBURY TOWN NURSERY S	UB6 0NA		No	Education facilities			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
3158	517840	###	Thames Valley University, Ealing C	Thames Valley University, Eal	W55RF	Private	No	Education facilities		Oil	9,408	0	0	0.00	2.80	0.00	0.00	2012.30	-	2008			Boiler Sites	No		Ealing		
3159	517840	###	Thames Valley University, Ealing C	LRC B Block	W55RF	Private	No	Education facilities		Oil	1,512	0	0	0.00	0.45	0.00	0.00	323.40	-	2008			Boiler Sites	No		Ealing		
3160	517840	###	Thames Valley University, Ealing C	Walpole House	W55RF	Private	No	Education facilities		Oil	1,331	0	0	0.00	0.40	0.00	0.00	284.60	-	2008			Boiler Sites	No		Ealing		
3161	517840	###	Thames Valley University, Ealing C	LRC A Block	W55RF	Private	No	Education facilities		Oil	1,008	0	0	0.00	0.30	0.00	0.00	215.60	-	2008			Boiler Sites	No		Ealing		
3162	517840	###	Thames Valley University, Ealing C	Paragon	W55RF	Private	No	Education facilities		Oil	1,008	0	0	0.00	0.30	0.00	0.00	215.60	-	2008			Boiler Sites	No		Ealing		
3163	517840	###	Thames Valley University, Ealing C	Argyl Road	W55RF	Private	No	Education facilities		Oil	286	0	0	0.00	0.09	0.00	0.00	61.09	-	2008			Boiler Sites	No		Ealing		
3164	517840	###	Thames Valley University, Ealing C	Vestry Hall	W55RF	Private	No	Education facilities		Oil	235	0	0	0.00	0.07	0.00	0.00	50.31	-	2008			Boiler Sites	No		Ealing		
328	512880	###	SOUTHALL FIRE STATION	17/19 HIGH STREET	UB1 3HA	Other public	No	Fire stations	Assets including CHP	Natural gas	255	28	633	0.00	0.22	0.01	0.02	0.00	1965	2009			Meters	No		Ealing		
329	513827	###	NORTHOLT FIRE STATION	74 PETTS HILL	UB5 4NP	Other public	No	Fire stations	Assets including CHP	Natural gas	197	28	712	0.00	0.17	0.01	0.02	0.00	1963	2009			Meters	No		Ealing		
330	517089	###	EALING FIRE STATION	60/64 UXBRIDGE ROAD	W13 8RA	Other public	No	Fire stations	Individual boilers	Natural gas	85	0	1,153	0.00	0.07	0.00	0.00	0.00	1933	2009			Meters	No		Ealing		
331	519709	###	ACTON Fire Station	27 Gunnersbury Lane	W38EA	Other public	No	Fire stations		Oil	250	0	0	0.00	0.03	0.00	0.00	53.40		2008			Boiler Sites	No		Ealing		
332	519709	###	ACTON FIU Fire Station	28 Gunnersbury Lane	W38EA	Other public	No	Fire stations		Oil	263	0	0	0.00	0.03	0.00	0.00	56.21		2008			Boiler Sites	No		Ealing		
11	520831	###	BBC REHEARSAL ROOM	-	W36UL	Private	No	commercial (> 9,999 m2)		Oil	1,291	0	0	0.00	0.38	0.00	0.00	377.08	-	1997			Boiler Sites	No		Ealing		
9	517368	###	EALING POLICE STATION 67-69, M	UXBRIDGE ROAD, LONDON	W5 5SJ	Other public	No	Police stations			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
11	519824	###	ACTON POLICE STATION, METROP	HIGH STREET, LONDON	W3 9BH	Other public	No	Police stations			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
21	519328	###	Transport for London	118-120 Gunnersbury lane	W39BQ	Other public	No	ther public buildings		Oil	188	0	0	0.00	0.07	0.00	0.00	40.16	-	2008			Boiler Sites	No		Ealing		
21	511738	###	WHITE HART HOTEL	RUISLIP ROAD, NORTHOLT	UB5 5AX	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
25	512935	###	NAGINA HOTEL	HIGH STREET, SOUTHALL	UB1 3DB	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
30	514871	###	RAILWAY HOTEL	OLDFIELD LANE NORTH, GRE	UB6 0AP	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
56	517934	###	GRANGE LODGE HOTEL	GRANGE ROAD, LONDON	W5 5BX	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
57	517359	###	CHURCH RETREAT HOTEL	MONTPELIER AVENUE, LOND	W5 2XP	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
58	517696	###	CASPIAN HOTEL	HAVEN GREEN, LONDON	W5 2UU	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
68	518532	###	HAMILTON HOUSE HOTEL	HAMILTON ROAD, LONDON	W5 2EE	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
70	518670	###	GRESHAM HOTEL	HANGER LANE, LONDON	W5 3HH	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
71	518679	###	CRANLEIGH HOTEL	HANGER LANE, LONDON	W5 3HH	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
72	518208	###	ABBEY LODGE HOTEL	GRANGE PARK, LONDON	W5 3PR	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
73	518089	###	WINDSOR HOTEL	WINDSOR ROAD, LONDON	W5 3UJ	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
74	518335	###	BIJOU HOTEL	THE COMMON, LONDON	W5 3JE	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
75	518214	###	HANGER HILL HOTEL	CORFTON ROAD, LONDON	W5 2HT	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
77	518051	###	ISROTEL HOTELS	WEST GATE, LONDON	W5 1DT	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
88	519497	###	ACTON TOWN HOTEL	GUNNERSBURY LANE, LONDO	W3 8HQ	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
96	520121	###	BEST WEST HOTEL	HIGH STREET, LONDON	W3 6LP	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
97	520219	###	HORNLANE HOTEL	HORN LANE, LONDON	W3 6PG	Private	No	(> 99 units or 4,999 m2)			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
57	519945	###	PARK ROAD NORTH	PARK ROAD NORTH	W38RS	Local government	No	cal government estate		Oil	1,882	0	0	0.00	0.56	0.00	0.00	549.91	-	1997			Boiler Sites	No		Ealing		
58	518649	###	16 HANGER LANE	16 HANGER LANE	W53HH	Local government	No	cal government estate		Oil	387	0	0	0.00	0.12	0.00	0.00	113.12	-	1997			Boiler Sites	No		Ealing		
59	513170	###	WINDMILL LANE	WINDMILL LANE	UB24AE	Local government	No	cal government estate		Oil	635	0	0	0.00	0.19	0.00	0.00	185.40	-	1997			Boiler Sites	No		Ealing		
60	517506	###	LONGFIELD AVENUE	LONGFIELD AVENUE	W52HL	Local government	No	cal government estate		Oil	247	0	0	0.00	0.07	0.00	0.00	72.27	-	1997			Boiler Sites	No		Ealing		
61	514742	###	CHURCH ROAD	CHURCH ROAD	W73BP	Local government	No	cal government estate		Oil	484	0	0	0.00	0.14	0.00	0.00	141.40	-	1997			Boiler Sites	No		Ealing		
62	511895	###	10 KITTIWAKE ROAD	10 KITTIWAKE ROAD	UB56DR	Local government	No	cal government estate		Oil	1,484	0	0	0.00	0.44	0.00	0.00	433.64	-	1997			Boiler Sites	No		Ealing		
1	510969	###	INTERNATIONAL TRADING ESTATE	TRIDENT WAY SOUTHALL	UB2 5LF	Private	No	ulti-address buildings			0	0	0	55.00	0.00	0.00	0.00	0.00						No		Ealing		
38	516349.4	###	ROSEMOOR HOUSE 90-94	FLAT 1 BROADWAY LONDON	W13 0SA	Private	No	ulti-address buildings			0	0	0	132.00	0.00	0.00	0.00	0.00						No		Ealing		
94	516677.8	###	LUMINOSITY COURT	FLAT 2 49 DRAYTON GREEN R	W13 0NW	Private	No	ulti-address buildings			0	0	0	82.00	0.00	0.00	0.00	0.00						No		Ealing		
108	520102.7	###	BARWICK HOUSE	FLAT 51 STRAFFORD ROAD	W3 8TH	Private	No	ulti-address buildings			0	0	0	99.00	0.00	0.00	0.00	0.00						No		Ealing		
121	516917.5	###	LOVELACE HOUSE 96-122	FLAT 1 UXBRIDGE ROAD LO	W13 8RB	Private	No	ulti-address buildings			0	0	0	138.00	0.00	0.00	0.00	0.00						No		Ealing		
131	511518	###	99 WOBURN TOWER	BROOMCROFT AVENUE NOR	UB5 6HT	Private	No	ulti-address buildings			0	0	0	78.00	0.00	0.00	0.00	0.00						No		Ealing		
189	519891.9	###	ARLINGTON COURT	FLAT 1 17 MILL HILL ROAD L	W3 8JP	Private	No	ulti-address buildings			0	0	0	66.00	0.00	0.00	0.00	0.00						No		Ealing		
201	514386.7	###		1 COMER CRESCENT SOUTH	UB2 4XD	Private	No	ulti-address buildings			0	0	0	55.00	0.00	0.00	0.00	0.00						No		Ealing		
218	517185.2	###	CAVALIER HOUSE 46-50	FLAT 508 UXBRIDGE ROAD	W5 2SU	Private	No	ulti-address buildings			0	0	0	132.00	0.00	0.00	0.00	0.00						No		Ealing		
220	515763.5	###	FALCON HOUSE	FLAT 1 GURNELL GROVE LO	W13 0AE	Private	No	ulti-address buildings			0	0	0	65.00	0.00	0.00	0.00	0.00						No		Ealing		
264	520022.5	###	CORFE TOWER	FLAT 1 PARK ROAD EAST LO	W3 8TY	Private	No	ulti-address buildings			0	0	0	77.00	0.00	0.00	0.00	0.00						No		Ealing		
292	517397.1	###	LONGFIELD HOUSE 18-20	FLAT 1 UXBRIDGE ROAD LO	W5 2SR	Private	No	ulti-address buildings			0	0	0	55.00	0.00	0.00	0.00	0.00						No		Ealing		
304	512642.7	###	HERTFORD HOUSE	APARTMENT 12 TAYWOOD R	UB5 6GD	Private	No	ulti-address buildings			0	0	0	82.00	0.00	0.00	0.00	0.00						No		Ealing		
318	520129.4	###	KIPLING TOWER	FLAT 1 PALMERSTON ROAD	W3 8TL	Private	No	ulti-address buildings			0	0	0	95.00	0.00	0.00	0.00	0.00						No		Ealing		
338	514199.3	###	1 GLENEAGLES TOWER	FLEMING ROAD SOUTHALL	UB1 3LS	Private	No	ulti-address buildings			0	0	0	74.00	0.00	0.00	0.00	0.00						No		Ealing		
356	521480.8	###	BROMYARD HOUSE	FLAT 28 BROMYARD AVENUE	W3 7BE	Private	No	ulti-address buildings			0	0	0	59.00	0.00	0.00	0.00	0.00						No		Ealing		
365	520043.2	###	FRAMPTON COURT	FLAT 1 76 CHELTENHAM PLA	W3 8UT	Private	No	ulti-address buildings			0	0	0	64.00	0.00	0.00	0.00	0.00						No		Ealing		
379	514026.7	###	1 PORTRUSH COURT	WHITECOTE ROAD SOUTHA	UB1 3NR	Private	No	ulti-address buildings			0	0	0	65.00	0.00	0.00	0.00	0.00						No		Ealing		
388	516600	###	DOMINION HOUSE	FLAT 9 THE AVENUE LONDO	W13 8AE	Private	No	ulti-address buildings			0	0	0	88.00	0.00	0.00	0.00	0.00						No		Ealing		
425	520297.5	###		249 HORN LANE LONDON	W3 9ED	Private	No	ulti-address buildings			0	0	0	68.00	0.00	0.00	0.00	0.00						No		Ealing		
449	514452.6	###	CENTRAL WEST	FLAT 1 320 RUISLIP ROAD EA	UB6 9FE	Private	No	ulti-address buildings			0	0	0	69.00	0.00	0.00	0.00	0.00						No		Ealing		
455	519904.9	###	MORETON TOWER	FLAT 1 LEXDEN ROAD LOND	W3 9NG	Private	No	ulti-address buildings			0	0	0	100.00	0.00	0.00	0.00	0.00						No		Ealing		
505	514489.4	###	OSTERLEY VIEWS	FLAT 1 WEST PARK ROAD S	UB2 4UN	Private	No	ulti-address buildings			0	0	0	65.00	0.00	0.00	0.00	0.00						No		Ealing		
506	520655.7	###	ANTILLES HOUSE	FLAT 1 1 FRIARY ROAD LOND	W3 6AE	Private	No	ulti-address buildings			0	0	0	52.00	0.00	0.00	0.00	0.00						No		Ealing		
521	514175	###	1 ST. ANDREWS TOWER	BAIRD AVENUE SOUTHALL	UB1 3LU	Private	No	ulti-address buildings			0	0	0	73.00	0.00	0.00	0.00	0.00						No		Ealing		
539	520017.9	###	HARLECH TOWER	FLAT 1 PARK ROAD EAST LO	W3 8TZ	Private	No	ulti-address buildings			0	0	0	76.00	0.00	0.00	0.00	0.00						No		Ealing		
547	518490.5	###	GREYSTOKE HOUSE	FLAT 1 150 BRUNSWICK ROA	W5 1AW	Private	No	ulti-address buildings			0	0	0	50.00	0.00	0.00	0.00	0.00						No		Ealing		
630	513933.4	###	10 SHERINGHAM TOWER	BAIRD AVENUE SOUTHALL	UB1 3ND	Private	No	ulti-address buildings			0	0	0	72.00	0.00	0.00	0.00	0.00						No		Ealing		
647	521639.5	###	ISSIGONIS HOUSE	FLAT 127 COWLEY ROAD LO	W3 7UN	Private	No	ulti-address buildings			0	0	0	129.00	0.00	0.00	0.00	0.00						No		Ealing		
660	514516.1	###	MACMILLAN COURT	1 309 RUISLIP ROAD EAST G	UB6 9FH	Private	No	ulti-address buildings			0	0	0	76.00	0.00	0.00	0.00	0.00						No		Ealing		
673	515818.2	###	DUNLIN HOUSE	FLAT 276 GURNELL GROVE	W13 0AG	Private	No	ulti-address buildings			0	0	0	65.00	0.00	0.00	0.00	0.00						No		Ealing		
684	519936.4	###	BEAUMARIS TOWER	FLAT 1 PARK ROAD NORTH	W3 8RS	Private	No	ulti-address buildings			0	0	0	75.00	0.00	0.00	0.00	0.00						No		Ealing		
718	521528.1	###	BROMYARD HOUSE	FLAT 82 BROMYARD AVENUE	W3 7BF	Private	No	ulti-address buildings			0	0	0	56.00	0.00	0.00	0.00	0.00						No		Ealing		
728	516779.4	###		148 UXBRIDGE ROAD LOND	W13 8SB	Private	No	ulti-address buildings			0	0	0	59.00	0.00	0.00	0.00	0.00						No		Ealing		
748	512630.2	###	CALDON HOUSE	APARTMENT 15 WAXLOW WA	UB5 6FN	Private	No	ulti-address buildings			0	0	0	68.00	0.00	0.00	0.00	0.00						No		Ealing		
754	515778.4	###	KESTREL HOUSE	FLAT 211 GURNELL GROVE	W13 0AD	Private	No	ulti-address buildings			0	0	0	65.00	0.00	0.00	0.00	0.00						No		Ealing		
800	512231.4	###	1 HIGHVIEW	BYRON WAY NORTHOLT	UB5 6BL	Private	No	ulti-address buildings			0	0	0	83.00	0.00	0.00	0.00	0.00						No		Ealing		
802	520002.7	###	CHARLES HOCKING HOUSE	FLAT 1 BOLLO BRIDGE ROAD	W3 8DA	Private	No	ulti-address buildings			0	0	0	100.00	0.00	0.00	0.00	0.00						No		Ealing		
847	520776.8	###	EBBETT COURT	FLAT 1 VICTORIA ROAD LON	W3 6BW	Private	No	ulti-address buildings			0	0	0	194.00	0.00	0.00	0.00	0.00						No		Ealing		
848	520740.7	###	TRENTHAM COURT	FLAT 121 VICTORIA ROAD L	W3 6BF	Private	No	ulti-address buildings			0	0	0	203.00	0.00	0.00	0.00	0.00						No		Ealing		
869	516355.6	###	O'GRADY COURT	FLAT 1 MELBOURNE AVENUE	W13 9BY	Private	No	ulti-address buildings			0	0	0	62.00	0.00	0.00	0.00	0.00						No		Ealing		
874	517809	###	LINDSEY HOUSE	FLAT 1 2 SOUTH ROAD LOND	W5 4RX	Private	No	ulti-address buildings			0	0	0	70.00	0.00	0.00	0.00	0.00						No		Ealing		
876	520759.8	###	POULTON COURT	FLAT 46 VICTORIA ROAD LO	W3 6EJ	Private	No	ulti-address buildings			0	0	0	54.00	0.00	0.00	0.00	0.00						No		Ealing		
890	521640.8	###	MORRIS HOUSE	FLAT 33 SWAINSON ROAD L	W3 7UP	Private	No	ulti-address buildings			0	0	0	50.00	0.00	0.00	0.00	0.00						No		Ealing		
934	512600	###	BRECON HOUSE	FLAT 1 TAYWOOD ROAD NO	UB5 6GU	Private	No	ulti-address buildings			0	0	0	51.00	0.00	0.00	0.00	0.00						No		Ealing		
945	520800	###	BROMYARD HOUSE	FLAT 544 BROMYARD AVENU	W3 7FD	Private	No	ulti-address buildings			0	0	0	51.00	0.00	0.00	0.00	0.00						No		Ealing		
1078	515207.6	###	57 WILLIAM PERKIN COURT	1089 GREENFORD ROAD GR	UB6 0AJ	Private	No	ulti-address buildings			0	0	0	66.00	0.00	0.00	0.00	0.00						No		Ealing		
1113	515715	###	48 ALLEN COURT	RIDDING LANE GREENFORD	UB6 0JZ	Private	No	ulti-address buildings			0	0	0	65.00	0.00	0.00	0.00	0.00						No		Ealing		
1138	512293.3	###		117 MAKEPEACE ROAD NOR	UB5 5UH	Private	No	ulti-address buildings			0	0	0	56.00	0.00	0.00	0.00	0.00						No		Ealing		
1144	513414.1	###	1 CHURCHILL COURT	NEWMARKET AVENUE NORT	UB5 4EP	Private	No	ulti-address buildings			0	0	0	97.00	0.00	0.00	0.00	0.00						No		Ealing		
1219	511904.9	###	1 GAINSBOROUGH TOWER	ACADEMY GARDENS NORTH	UB5 5PF	Private	No	ulti-address buildings			0	0	0	91.00	0.00	0.00	0.00	0.00						No		Ealing		
115	514187	###	Footsteps Art Group	131-133 Windmill Lane, Gree	UB6 9DZ	Private	No	useum and art gallery			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
195	514251	###	London Motorcycle Museum	Ravenor Farm 29 Oldfield Lan	UB6 9LB	Private	No	useum and art gallery			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
306	520182	###	Terra Gallery	33 Bollo Lane, London	W4 5LR	Private	No	useum and art gallery			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
322	520329	###	The Little Picture Gallery.Com	33-35 Rothschild Road, Londo	W4 5HT	Private	No	useum and art gallery			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
341	520683	###	Trackside Gallery	1a East Churchfield Road, Lon	W3 7LL	Private	No	useum and art gallery			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
16	517148	###	R N T N E HOSPITAL	CASTLEBAR HILL, LONDON	W5 1TD	Other public	No	Hospital			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
20	518187	###	CLAYPONDS HOSPITAL	STERLING PLACE, LONDON	W5 4RN	Other public	No	Hospital			0	0	0	0.00	0.00	0.00	0.00	0.00						No		Ealing		
					TOTAL						**22,435**	**56**	**2,498**	**4,072**	**6.89**	**0.01**	**0.03**	**5,185**	-	-	-	-	-	-	-			

	Manual input (wording)
🟨	Select from drop-down list
🟥	Mandatory input
🟩	Desirable input

Major Heat Supply plants

OXS	OYS	Object ID	Name	Address	Postcode	Ownership	New development	Typology	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Heat generation from all assets including CHP (MWh/year)	Installed thermal capacity from all assets including CHP (MWth)	Installed power from all assets including CHP (MWe)	CO2 emissions (tCO2/year)	Date of Construction	Year of data collection	Start date	Completion date	Data source	Confidentiality of data	Attach file	Notes
74	520354	180013	ACTON TOWN HALL OFFICES/SWIMMIN	-				LEISURE		0	0	0.29	0	0						No		Ealing
TOTAL										**0**	**0**	**0.29**	**0.13**	**0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	

	Manual input (wording)
	Select from drop-down list
	Mandatory input
	Desirable input

DH Networks

OXS	OYS	Object ID	Name	Area Covered	Energy Centre Address	Energy Centre Postcode	Ownership	Energy Centre Typology	Fuel source	Length of trench (km)	Fuel consumption from all assets including CHP	Heat generation from all assets including CHP (MWh/year)	Installed thermal capacity from all assets	Installed power from all assets including CHP (MWe)	CO2 emissions (tCO2/year)	Date of Construction	Year of data collection	Start date	Completion date	Data source	Confidentiality of data	Attach file	Notes
TOTAL										**0.00**	**0**	**0**	**0.00**	**0.00**	**0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	

	Manual input (wording)
	Select from drop-down list
	Mandatory input
	Desirable input

Region 1 South Central Ealing

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Ealing Hospital	Uxbridge Road, Southall	Other public	No	NHS		Natural gas	22,363		Real
St Bernard's Hospital	Uxbridge Road, Southall	Other public	No	NHS		Natural gas	12,400		Real
Clayponds Hospital In-Patient & Outpatient Rehab & Stroke Unit	Sterling PlaceOff Occupational LaneEaling	Other public		NHS		Natural gas	10,674		Real
Tintern Court	Tintern Court, Williams Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	6,202		Real
Perceval House	14-16 Uxbridge Road, Ealing,	Local government	No	Other public buildings		Natural gas	3,857		Real
Dickens Yard	Land At Dickens Yard & The Church Of Christ The Saviour & 2-12 New Broadway Ealing London	Private	Yes	Multi-address buildings		Mixed source	3,827	698	Estimate
Mattock Lane Health Centre Community Health Centre	78 Mattock LaneEaling	Other public		NHS		Natural gas	3,781		Real
Ealing Town Hall	New Broadway, Ealing,	Local government	No	Other public buildings			1,969		Estimate
Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers	Private	Yes	Private residential (> 149 units or 9,999 m2)		Natural gas	1,315	567	Estimate
Broughton Court Communal	Broughton Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	1,197		Real
Proposed Travelodge Hotel	77 Uxbridge Road Ealing London	Private	Yes	Hotels (> 99 units or 4,999 m2)		Natural gas	961		Estimate
Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers	Private	Yes	Private commercial (> 9,999 m2)		Natural gas	952		Estimate
Bakers House	Bakers House, The Grove	Local government	No	Multi-address buildings	Central Boilers	Natural gas	819		Real
Lindsey House	1 South Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	653		Real
St Johns Children's Centre	Felix Road, West Ealing,	Local government	No	Sport & Leisure facilities			632		Estimate
Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers	Private	Yes	Multi-address buildings		Natural gas	593		Estimate
Ealing Central Library	The Broadway, Ealing	Local government	No	Other public buildings		Natural gas	583		Real
Walnut Court (Sheltered Housing)	Walnut Court, Rowan Close	Local government	No	Multi-address buildings	Central Boilers	Natural gas	568		Real
Hawthorne Court	Hawthorne Court, The Common	Local government	No	Multi-address buildings	Central Boilers	Natural gas	487		Real
Benjamin court	Benjamin court, Westminster	Local government	No	Multi-address buildings	Central Boilers	Natural gas	474		Real
Walton House (Sheltered Housing)	41 Carlyle Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	457		Real
Cherry Close (Sheltered Housing)	Cherry Close (Sheltered Housing)	Local government	No	Multi-address buildings	Central Boilers	Natural gas	426		Real
St Anns School	Springfield Road, Hanwell,	Local government	No	Education facilities	Central Boilers	Natural gas	406		Real
St Johns Primary School	Felix Rd, West Ealing,	Local government	No	Education facilities	Central Boilers	Natural gas	358		Real
Oaklands Primary School	Oaklands Road, Hanwell,	Local government	No	Education facilities	Central Boilers	Natural gas	358		Real
Community Team for People with Learning Disabilities	64 Green Lane, Hanwell,	Local government	No	Other public buildings		Natural gas	327		Real
Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers	Private	Yes	Sport & Leisure facilities		Natural gas	324		Estimate
Pitzhanger Manor & Gallery	Walpole Park, Mattock Lane, Ealing	Local government	No	Museums & Art Galleries		Natural gas	321		Real
St Marks Primary School	Lower Boston Road, Hanwell,	Local government	No	Education facilities	Central Boilers	Natural gas	313		Real
Patients and Liaison Office	117-119 Uxbridge Road,Hanwell	Other public		NHS		Natural gas	298		Real
Thames Valley University, Ealing Campus,St. Marys road	Argyl Road	Private	No	Education facilities		Oil	286		LDA
Ealing Central Sports Ground	PARK VIEW ROAD, EALING	Local government	No	Other public buildings		Natural gas	268		Real
Solace Centre	58 Bowmans Close, West Ealing,	Local government	No	Sport & Leisure facilities		Natural gas	255		Real
St David’s Practice	Ground Floor2 Bramley RoadLondon	Other public		NHS		Natural gas	253		Real
LONGFIELD AVENUE	LONGFIELD AVENUE	Local government	No	Local government estate		Oil	247		LDA
Thames Valley University, Ealing Campus,St. Marys road	Vestry Hall	Private	No	Education facilities		Oil	235		LDA
St Josephs Catholic Primary School	York Avenue, Hanwell,	Local government	No	Education facilities	Central Boilers	Natural gas	226		Real

Region 1 South Central Ealing

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Alexandria House Speech & Language Unit	14a Alexandria Road, Ealing	Other public		NHS		Natural gas	224		Real
St Saviours CE Infant School	The Grove, Ealing,	Local government	No	Education facilities	Central Boilers	Natural gas	217		Real
Elthorne Sports Centre	Inside Elthorne Park High School, Westlea Road, Hanwell,	Local government	No	Sport & Leisure facilities		Natural gas	205		Real
Mount Carmel Catholic School	Little Ealing Lane, Ealing,	Local government	No	Education facilities	Central Boilers	Natural gas	191		Real
Carmelita House	21 -22 The Mall, Ealing,	Local government	No	Other public buildings		Natural gas	190		Real
Windmill Park Childrens Centre	1 TULIP CLOSE	Local government	No	Sport & Leisure facilities			190		Estimate
Centre for Early Years Childcare and Play (Hanwell Nursery)	25A Laurel Gardens, Hanwell,	Local government	No	Sport & Leisure facilities		Natural gas	177		Real
Darwin Road	51 Darwin Road Flats (A-G)	Local government	No	Multi-address buildings	Central Boilers	Natural gas	163		Real
Northfields Community Centre	71a Northcroft Road, Ealing	Local government	No	Sport & Leisure facilities		Natural gas	150		Real
West Ealing Library	Melbourne Avenue, Ealing	Local government	No	Other public buildings		Natural gas	146		Real
Mental Health and Well Being Service, 84 Uxbridge Road	3rd Floor84 Uxbridge RoadEaling	Other public		NHS			138		Estimate
15 Florence Road	15 Florence Road, Ealing,	Local government	No	Education facilities	Central Boilers	Natural gas	127		Real
Hanwell Library	Cherington Road, Hanwell	Local government	No	Other public buildings		Natural gas	92		Real
W13 Social Club for Young People	Churchfield Road, Ealing,	Local government	No	Sport & Leisure facilities		Natural gas	87		Real
EALING FIRE STATION	60/64 UXBRIDGE ROAD	Other public	No	Fire stations	Individual boilers	Natural gas	85		LDA
Crossbow house	Crossbow house	Local government	No	Multi-address buildings	Central Boilers	Natural gas	80		Real
23 Sunnyside Road Ealing	23 Sunnyside Road, Ealing,	Local government	No	Local government estate		Natural gas	61		Real
Horizons Centre	15 Cherington Road, Hanwell,	Local government	No	Sport & Leisure facilities		Natural gas	58		Real
57 Oaklands Road Hanwell	57 Oaklands Road, Hanwell,	Local government	No	Local government estate		Natural gas	49		Real
Gordon Road	48 Gordon Road, Ealing	Local government	No	Multi-address buildings	Central Boilers	Natural gas	40		Real
Northfields Gardens Library	Northfield Avenue, Ealing	Local government	No	Other public buildings			39		Estimate
164 Boston Road Hanwell	164 Boston Road, Hanwell,	Local government	No	Local government estate		Natural gas	36		Real
Lammas Park	Culmington Road, West Ealing,	Local government	No	Other public buildings		Natural gas	35		Real
Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers	Private	Yes	Multi-address buildings		Natural gas	34		Estimate
125 Elthorne Avenue, Hanwell	125 Elthorne Avenue, Hanwell,	Local government	No	Local government estate		Natural gas	32		Real
Ealing Carers' Centre	46 South Ealing Road, Ealing,	Local government	No	Sport & Leisure facilities		Natural gas	27		Real
Lammas Park Play Centre	Elers/Culmington Roads, West Ealing,	Local government	No	Sport & Leisure facilities			19		Estimate
Drayton Green Youth Centre	Drayton Green, Hanwell	Local government	No	Other public buildings		Natural gas	18		Real
69 Studley Grange, Hanwell	69 Studley Grange, Hanwell,	Local government	No	Local government estate		Natural gas	14		Real
Green Man Lane Estate	Green Man Lane Estate, Singapore Road Multi Storey Car Park, Singapore Road Surface Car Park, Dean Hall And Other Associated Highways West Ealing London	Private	Yes	Multi-address buildings		Natural gas			Real
	79-89 Uxbridge Road	Private	Yes	Multi-address buildings					Real
Bakers House	Bakers House 1 - 30	Local government	No	Multi-address buildings	Central Boilers	Natural gas			N/A
Bakers House	The Grove, Ealing	Local government	No	Multi-address buildings	Central Boilers	Natural gas			N/A
Elm Avenue	3 Elm Avenue 3, Ealing	Local government	No	Multi-address buildings	Central Boilers	Natural gas			N/A
Soan House	1 Lyncroft Gardens	Local government	No	Multi-address buildings	Central Boilers	Natural gas			N/A
50-54 Broadway	50 54 Broadway West Ealing Ealing London	Private	Yes	Multi-address buildings		Natural gas			N/A
Primary Care Education Centre Education Training Centre And West London Health Estates and Facilities Management	West Ealing House2 St. James AvenueEaling	Other public		NHS		Natural gas			N/A
Drug and Alcohol AbuseTeam	Part of fifth floor58 Uxbridge RoadEaling	Other public		NHS		Natural gas			N/A
Flu Response (Pandemic)Centre	16-18 New BroadwayEalingLondon	Other public		NHS		Natural gas			N/A
16 - 18 Ealing Broadway (Old Vertex Building)	16 - 18 Ealing Broadway (Old Vertex Building)	Local government	No	Other public buildings					N/A
Perceval Lodge	Mattock Lane, Ealing,	Local government	No	Other public buildings		Natural gas			N/A
West Ealing Bowls and Social Club	Mervyn Road, West Ealing	Local government	No	Other public buildings		Natural gas			N/A
Warren Farm	Windmill Lane , Southall,	Local government	No	Other public buildings		Natural gas			Real
Walpole Park	Mattock Lane, Ealing,	Local government	No	Other public buildings		Natural gas			Real
Ealing Direct	44 South Ealing Road, Ealing,	Local government	No	Other public buildings		Natural gas			
Waitrose West Ealing	2 Alexandria RoadWest EalingLondon	Private	No	Private commercial (> 9,999 m2)					N/A
Sainsbury's West Ealing	Melbourne Avenue London	Private	No	Private commercial (> 9,999 m2)					N/A

Region 1 South Central Ealing

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Marks & Spencer	Ealing Broadway Centre, London	Private	No	Private commercial (> 9,999 m2)					N/A
The Co-Operative Food	The Woodlands, 89 South Ealing Road, Ealing	Private	No	Private commercial (> 9,999 m2)					N/A
Ealing Hospital NHS Workplace Nursery and Children's Centre	Uxbridge Road Southall	Local government	No	Sport & Leisure facilities					N/A
Eden Fitness	Cavalier House 46-50, Uxbridge Road, London		No	Sport & Leisure facilities					LDA
G's Gym	210, Popes Lane, London		No	Sport & Leisure facilities					LDA
Jealous Health Club Group	8, Windmill Avenue, Southall		No	Sport & Leisure facilities					LDA
Rank UK Holdings Ltd	6, Connaught Road, London		No	Sport & Leisure facilities					LDA
Vista Star Leisure Plc	52, Uxbridge Road, London		No	Sport & Leisure facilities					LDA
HM Revenue & Customs	International House 7 High Street ,London	Central government	No	Central government estate					LDA
Office of Fair Trading	Craven House 40-44 Uxbridge Road ,London	Central government	No	Central government estate					LDA
Thames Valley University	Walpole House 18-20, Bond Street, London	Private	No	Education facilities					LDA
Thames Valley University	St. Marys Road, London	Private	No	Education facilities					LDA
Thames Valley University	Westel House 32-38, Uxbridge Road, London	Private	No	Education facilities					LDA
ELTHORNE HIGH SCHOOL	ELTHORNE HIGH SCHOOL		No	Education facilities					LDA
FIELDING PRIMARY SCHOOL	FIELDING PRIMARY SCHOOL		No	Education facilities					LDA
BUTTONS DAY NURSERY SCHOOL	BUTTONS DAY NURSERY SCHOOL		No	Education facilities					LDA
DRAYTON GREEN PRIMARY SCHOOL	DRAYTON GREEN PRIMARY SCHOOL		No	Education facilities					LDA
LITTLE EALING PRIMARY SCHOOL	LITTLE EALING PRIMARY SCHOOL		No	Education facilities					LDA
MOUNT CARMEL RC PRIMARY SCHOOL	MOUNT CARMEL RC PRIMARY SCHOOL		No	Education facilities					LDA
GRANGE PRIMARY SCHOOL	GRANGE PRIMARY SCHOOL		No	Education facilities					LDA
MADDYS JIVING SCHOOL	MADDYS JIVING SCHOOL		No	Education facilities					LDA
MET FILM SCHOOL	MET FILM SCHOOL		No	Education facilities					LDA
POLISH SCHOOL	POLISH SCHOOL		No	Education facilities					LDA
DURSTON HOUSE SCHOOL	DURSTON HOUSE SCHOOL		No	Education facilities					LDA
HARVINGTON SCHOOL	HARVINGTON SCHOOL		No	Education facilities					LDA
ASTON HOUSE SCHOOL	ASTON HOUSE SCHOOL		No	Education facilities					LDA
THE FALCONS SCHOOL FOR GIRLS	THE FALCONS SCHOOL FOR GIRLS		No	Education facilities					LDA
BUTTERCUPS DAY NURSERY & MONTESSORI SCHOOL	BUTTERCUPS DAY NURSERY & MONTESSORI SCHOOL		No	Education facilities					LDA
EALING RIDING SCHOOL	EALING RIDING SCHOOL		No	Education facilities					LDA
Thames Valley University, Ealing Campus	Thames Valley University, Ealing Campus,St. Marys road	Private	No	Education facilities		Oil			LDA
Thames Valley University, Ealing Campus,St. Marys road	LRC B Block	Private	No	Education facilities		Oil			LDA
Thames Valley University, Ealing Campus,St. Marys road	Walpole House	Private	No	Education facilities		Oil			LDA
Thames Valley University, Ealing Campus,St. Marys road	LRC A Block	Private	No	Education facilities		Oil			LDA
Thames Valley University, Ealing Campus,St. Marys road	Paragon	Private	No	Education facilities		Oil			LDA
EALING POLICE STATION 67-69, METROPOLITAN POLICE	UXBRIDGE ROAD, LONDON	Other public	No	Police stations					LDA
GRANGE LODGE HOTEL	GRANGE ROAD, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
CASPIAN HOTEL	HAVEN GREEN, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
HAMILTON HOUSE HOTEL	HAMILTON ROAD, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
ABBEY LODGE HOTEL	GRANGE PARK, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
WINDSOR HOTEL	WINDSOR ROAD, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
BIJOU HOTEL	THE COMMON, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
ROSEMOOR HOUSE 90-94	FLAT 1 BROADWAY LONDON	Private	No	Multi-address buildings				132	LDA
LUMINOSITY COURT	FLAT 2 49 DRAYTON GREEN ROAD LONDON	Private	No	Multi-address buildings				82	LDA

Region 1 South Central Ealing

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
LOVELACE HOUSE 96-122	FLAT 1 UXBRIDGE ROAD LONDON	Private	No	Multi-address buildings				138	LDA
	1 COMER CRESCENT SOUTHALL	Private	No	Multi-address buildings				55	LDA
CAVALIER HOUSE 46-50	FLAT 508 UXBRIDGE ROAD LONDON	Private	No	Multi-address buildings				132	LDA
LONGFIELD HOUSE 18-20	FLAT 1 UXBRIDGE ROAD LONDON	Private	No	Multi-address buildings				55	LDA
DOMINION HOUSE	FLAT 9 THE AVENUE LONDON	Private	No	Multi-address buildings				88	LDA
OSTERLEY VIEWS	FLAT 1 WEST PARK ROAD SOUTHALL	Private	No	Multi-address buildings				65	LDA
	148 UXBRIDGE ROAD LONDON	Private	No	Multi-address buildings				59	LDA
O'GRADY COURT	FLAT 1 MELBOURNE AVENUE LONDON	Private	No	Multi-address buildings				62	LDA
LINDSEY HOUSE	FLAT 1 2 SOUTH ROAD LONDON	Private	No	Multi-address buildings				70	LDA
CLAYPONDS HOSPITAL	STERLING PLACE, LONDON	Other public	No	NHS					LDA
Total							**82,592**		

Region 2 Acton

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
South Acton Estate / Subsequent phases	Part Of South Acton Estate-Including Land On/Adj To Part Bollo Bridge Road, Stanley Road, Palmerston Road, Vincent Road, All Saints' Road and southern part of Recreation Ground, excluding Charles Hocking House, Barwick House Woolf And Wodehouse Courts A	Private	Yes	Multi-address buildings			5,670	2,444	Estimate
Acton Health Centre Community Clinic	35 – 61 Church Road Acton	Other public		NHS		Natural gas	4,187		Real
Ramada London Ealing	Ealing Common, London	Private	No	Hotels (> 99 units or 4,999 m2)			3,946	189	Estimate
Acton Sports Centre (Acton Pool)	Salisbury Street, Acton,	Local government	No	Sport & Leisure facilities		Natural gas	3,649		Real
Barrington Court	Cheltenham Place	Local government	No	Multi-address buildings	Central Boilers	Natural gas	3,503		Real
South Acton Estate	Part Of South Acton Estate-Including Land On/Adj To Part Bollo Bridge Road, Stanley Road, Palmerston Road, Vincent Road, All Saints' Road and southern part of Recreation Ground, excluding Charles Hocking House, Barwick House Woolf And Wodehouse Courts A	Private	Yes	Multi-address buildings			3,237	756	Estimate
Twyford CE High School	Twyford Crescent, Acton,	Local government	No	Education facilities	Central Boilers	Natural gas	1,849		Real
Sheltered Housing	2-62 Neville Close, Acton	Local government	No	Multi-address buildings	Central Boilers	Natural gas	1,434		Real
Burghley Tower	1-94 (Con) Trinity Way	Local government	No	Multi-address buildings	Central Boilers	Natural gas	1,361		Real
Rufford Tower	1-100 (Con) Lexden Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	1,265		Real
Ludlow Court	Ludlow Court 1-54 (South)	Local government	No	Multi-address buildings	Central Boilers	Natural gas	768		Real
Carisbrooke Court	1-54 North Carisbrooke Court	Local government	No	Multi-address buildings	Central Boilers	Natural gas	755		Real
Meredith Tower	90(A-D); 90-204 (Even) Hanbury Road 2	Local government	No	Multi-address buildings	Central Boilers	Natural gas	734		Real
Shillaker Court	1 Bromyard Avenue	Local government	No	Multi-address buildings	Central Boilers	Natural gas	697		Real
Conrad Tower	Conrad Tower 231 (A-D) - 345 (1)	Local government	No	Multi-address buildings	Central Boilers	Natural gas	670		Real
Garden Court	32 Rothschild Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	653		Real
Acton Adult Training Centre	Stirling Road, Acton,	Local government	No	Education facilities		Natural gas	520		Real
ACT02 – Oaks Shopping Centre and Churchfield Road Car Park	High Street, Churchfield Road and Hoopers Mews, Acton	Private	Yes	Multi-address buildings			487	210	Estimate
Priory Community Centre	Acton Lane, Acton	Local government	No	Sport & Leisure facilities		Natural gas	486		Real
Southfield Primary School	Southfield Road, Bedford Park,	Local government	No	Education facilities	Central Boilers	Natural gas	398		Real
16 HANGER LANE	16 HANGER LANE	Local government	No	Local government estate		Oil	387		LDA
Graham Tower	93-205 (Odd) 93 A-E; Hanbury Road 1	Local government	No	Multi-address buildings	Central Boilers	Natural gas	381		Real
Southfield Road	41-45; 41A-45A (Odd) Southfield Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	327		Real
Blackmore Tower	1-187 (Odd) Stanley Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	306		Real
Michael Flanders Day Centre	Church Road, Acton	Local government	No	Sport & Leisure facilities	Central Boilers	Natural gas	288		Real
Bedford Road	13 Bedford Road (1 - 21)	Local government	No	Multi-address buildings	Central Boilers	Natural gas	283		Real
St Vincents Catholic Primary School	Pierrepoint Road, Acton,	Local government	No	Education facilities	Central Boilers	Natural gas	278		Real
ACTON FIU Fire Station	28 Gunnersbury Lane	Other public	No	Fire stations		Oil	263		LDA
ACTON Fire Station	27 Gunnersbury Lane	Other public	No	Fire stations		Oil	250		LDA
Carlton Day Centre	8 - 10 Carlton Road, Acton,	Local government	No	Sport & Leisure facilities	Central Boilers	Natural gas	243		Real
Westfields Lodge	60 Westfields Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	205		Real
West Acton Primary School	Noel Road, Acton,	Local government	No	Education facilities	Central Boilers	Natural gas	202		Real
Transport for London	118-120 Gunnersbury lane	Other public	No	Other public buildings		Oil	188		LDA
Twyford Sports Centre	Twyford Crescent, Acton,	Local government	No	Sport & Leisure facilities		Natural gas	187		Real
Acton Library	High Street, Acton	Local government	No	Other public buildings		Natural gas	156		Real
South Acton Children's Centre (Early Excellence Centre)	Castle Close, Acton,	Local government	No	Sport & Leisure facilities		Natural gas	153		Real
Learning Curve	1 - 5 Roslin Road East, Acton,	Local government	No	Sport & Leisure facilities		Natural gas	145		Real
376 Uxbridge Road		Local government	No	Other public buildings		Natural gas	125		Real
Reynolds Sports Centre	Acton High School, Gunnersbury Lane, Acton,	Local government	No	Sport & Leisure facilities		Natural gas	109		Real
Maples Children's Centre	4-12 East Churchfield Road, Acton,	Local government	No	Sport & Leisure facilities		Natural gas	97		Real
36 Inglis Road (Group Home)	36 Inglis Road, Ealing,	Local government	No	Local government estate		Natural gas	94		Real
WEST ACTON YOUTH AND COMMUNITY CENTRE	Churchill Gardens. London.	Local government	No	Sport & Leisure facilities		Natural gas	85		Real
Lynton Road	35 Lynton Road, Acton	Local government	No	Multi-address buildings	Central Boilers	Natural gas	61		Real
Acton Vale Community Centre	Beech Avenue	Local government	No	Multi-address buildings	Central Boilers	Natural gas	54		Real
Acton Park Children's Centre	East Acton Lane, Acton,	Local government	No	Sport & Leisure facilities			44		Estimate
Bollo Brook Youth Centre	Bollo Bridge Road, Acton,	Local government	No	Sport & Leisure facilities		Natural gas	37		Real
Youth Offending Team	2 Cheltenham Place, Acton,	Local government	No	Other public buildings			35		Estimate
Webb Court	373-419 (Odd) Bollo Lane	Local government	No	Multi-address buildings	Central Boilers	Natural gas	25		Real

Region 2 Acton

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Sheltered Housing	Arundel House 1-22	Local government	No	Multi-address buildings	Central Boilers	Natural gas	25		Real
Burlington Gardens	38 A;B;C;D Burlington Gardens	Local government	No	Multi-address buildings	Central Boilers	Natural gas	20		Real
Southfields Recreation Ground Pavilion	Adj to 89 Southfield Road, Acton,	Local government	No	Other public buildings		Natural gas	18		Real
4a Newburgh Road	4a Newburgh Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	15		Real
Acton Town Hall	High Street, Acton,	Local government	No	Other public buildings		Natural gas	13		Real
Acton Park	The Vale, Uxbridge Road, Acton,	Local government	No	Other public buildings		Natural gas	11		Real
2 Bollo Lane	2 Bollo Lane, Chiswick, London	Private	Yes	Multi-address buildings		Natural gas			Real
Jerome Tower	34-220 (Even) Osborne Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas			N/A
Shalimar Lodge	1-24 (Con) Horn Lane	Local government	No	Multi-address buildings	Central Boilers	Natural gas			N/A
Acton Central Industrial Estate	Rosemont Road Acton London	Private	Yes	Multi-address buildings					N/A
North Acton Bowls pavilion & Recreation & Playing Fields	Eastfields Road, Acton,	Local government	No	Other public buildings		Natural gas			N/A
Park Lodge Tennis Centre	Noel Road, Acton,	Local government	No	Other public buildings		Natural gas			N/A
Morrison's Acton	King Street Acton	Private	No	Private commercial (> 9,999 m2)					N/A
Become Healthy Herbal Life	51a, Esmond Road, London		No	Sport & Leisure facilities					LDA
Energise Fitness	Acton Centre, Gunnersbury Lane, London		No	Sport & Leisure facilities					LDA
Golds Gym	Royale Leisure Park, Kendal Avenue, London		No	Sport & Leisure facilities					LDA
Park Royal South Leisure Complex			No	Sport & Leisure facilities					LDA
Rocks Lane Multi Sports Centre	60, Chiswick Common Road, London		No	Sport & Leisure facilities					LDA
Virgin Active	36, Bromyard Avenue, London		No	Sport & Leisure facilities					LDA
Muslim Law (Shariah) Council	20-22 Creffield Road ,London	Central government	No	Central government estate					LDA
South Acton Regeneration Office London Borough of Ealing	108 Bollo Bridge Road ,London	Central government	No	Central government estate					LDA
ELLEN WILKINSON HIGH SCHOOL	ELLEN WILKINSON HIGH SCHOOL		No	Education facilities					LDA
THE MONTESSORI SCHOOL	THE MONTESSORI SCHOOL		No	Education facilities					LDA
BERRYMEDE FIRST & JUNIOR SCHOOL	BERRYMEDE FIRST & JUNIOR SCHOOL		No	Education facilities					LDA
BERRYMEDE INFANT SCHOOL	BERRYMEDE INFANT SCHOOL		No	Education facilities					LDA
ACTON HIGH SCHOOL	ACTON HIGH SCHOOL		No	Education facilities					LDA
VILLAGE MONTESSORI NURSERY SCHOOL	VILLAGE MONTESSORI NURSERY SCHOOL		No	Education facilities					LDA
DERWENT WATER PRIMARY SCHOOL	DERWENT WATER PRIMARY SCHOOL		No	Education facilities					LDA
ORCHARD HOUSE SCHOOL	ORCHARD HOUSE SCHOOL		No	Education facilities					LDA
EAST ACTON PRIMARY SCHOOL	EAST ACTON PRIMARY SCHOOL		No	Education facilities					LDA
BARBARA SPEAKE STAGE SCHOOL	BARBARA SPEAKE STAGE SCHOOL		No	Education facilities					LDA
ACTON POLICE STATION, METROPOLITAN POLICE	HIGH STREET, LONDON	Other public	No	Police stations					LDA
GRESHAM HOTEL	HANGER LANE, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
CRANLEIGH HOTEL	HANGER LANE, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
ACTON TOWN HOTEL	GUNNERSBURY LANE, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
BEST WEST HOTEL	HIGH STREET, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
HORNLANE HOTEL	HORN LANE, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
PARK ROAD NORTH	PARK ROAD NORTH	Local government	No	Local government estate		Oil			LDA
BARWICK HOUSE	FLAT 51 STRAFFORD ROAD LONDON	Private	No	Multi-address buildings				99	LDA
ARLINGTON COURT	FLAT 1 17 MILL HILL ROAD LONDON	Private	No	Multi-address buildings				66	LDA
CORFE TOWER	FLAT 1 PARK ROAD EAST LONDON	Private	No	Multi-address buildings				77	LDA
KIPLING TOWER	FLAT 1 PALMERSTON ROAD LONDON	Private	No	Multi-address buildings				95	LDA
BROMYARD HOUSE	FLAT 28 BROMYARD AVENUE LONDON	Private	No	Multi-address buildings				59	LDA
FRAMPTON COURT	FLAT 1 76 CHELTENHAM PLACE LONDON	Private	No	Multi-address buildings				64	LDA
	249 HORN LANE LONDON	Private	No	Multi-address buildings				68	LDA
MORETON TOWER	FLAT 1 LEXDEN ROAD LONDON	Private	No	Multi-address buildings				100	LDA
ANTILLES HOUSE	FLAT 1 1 FRIARY ROAD LONDON	Private	No	Multi-address buildings				52	LDA
HARLECH TOWER	FLAT 1 PARK ROAD EAST LONDON	Private	No	Multi-address buildings				76	LDA
ISSIGONIS HOUSE	FLAT 127 COWLEY ROAD LONDON	Private	No	Multi-address buildings				129	LDA

Region 2 Acton

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
BEAUMARIS TOWER	FLAT 1 PARK ROAD NORTH LONDON	Private	No	Multi-address buildings				75	LDA
BROMYARD HOUSE	FLAT 82 BROMYARD AVENUE LONDON	Private	No	Multi-address buildings				56	LDA
CHARLES HOCKING HOUSE	FLAT 1 BOLLO BRIDGE ROAD LONDON	Private	No	Multi-address buildings				100	LDA
MORRIS HOUSE	FLAT 33 SWAINSON ROAD LONDON	Private	No	Multi-address buildings				50	LDA
BROMYARD HOUSE	FLAT 544 BROMYARD AVENUE LONDON	Private	No	Multi-address buildings				51	LDA
Terra Gallery	33 Bollo Lane, London	Private	No	Museum and art gallery					LDA
The Little Picture Gallery.Com	33-35 Rothschild Road, London, Greater London	Private	No	Museum and art gallery					LDA
Trackside Gallery	1a East Churchfield Road, London	Private	No	Museum and art gallery					LDA
Total							**41,377**		

Region 3 Park Royal

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Ramada Encore London West	4 Portal Way, London	Private	No	Hotels (> 99 units or 4,999 m2)			3,132	150	Estimate
PAR01 – Southern Gateway and Perfume Factory	Portal Way	Private	Yes	Multi-address buildings			2,262	975	Estimate
Express by Holiday Inn London Park Royal	Victoria Road, London	Private	No	Hotels (> 99 units or 4,999 m2)			2,172	104	Estimate
BBC Former Costume Srore	Victoria Road Acton London	Private	Yes	Private commercial (> 9,999 m2)			603		Estimate
West Twyford Primary School	Twyford Abbey Road, Park Royal,	Local government	No	Education facilities	Central Boilers	Natural gas	186		Real
St Andrews Road	73 St Andrews Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	184		Real
Westgate House	West Gate, Ealing,	Local government	No	Other public buildings		Natural gas	97		Real
Acton Cemetery Chapel	Park Royal Road, Park Royal	Local government	No	Other public buildings		Natural gas			Real
WEST TWYFORD PRIMARY SCHOOL	WEST TWYFORD PRIMARY SCHOOL		No	Education facilities					LDA
JOHN PERRYN PRIMARY SCHOOL	JOHN PERRYN PRIMARY SCHOOL		No	Education facilities					LDA
BBC REHEARSAL ROOM	-	Private	No	Private commercial (> 9,999 m2)		Oil			LDA
ISROTEL HOTELS	WEST GATE, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
EBBETT COURT	FLAT 1 VICTORIA ROAD LONDON	Private	No	Multi-address buildings				194	LDA
TRENTHAM COURT	FLAT 121 VICTORIA ROAD LONDON	Private	No	Multi-address buildings				203	LDA
POULTON COURT	FLAT 46 VICTORIA ROAD LONDON	Private	No	Multi-address buildings				54	LDA
Total							**8,636**		

Region 4 Southall

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Southall Gas Works	Southall Gas Works Site Southall Middlesex, Southall	Private	Yes	Multi-address buildings		Mixed source	19,431	4,500	Estimate
FEATHERSTONE ROAD HEALTH CLINIC	Hartington RoadSouthall	Other public		NHS		Natural gas	3,352		Real
Dormers Wells Leisure Centre	156 Dormers Wells Lane, Southall,	Local government	No	Sport & Leisure facilities		Natural gas	2,230		Real
Villiers High School	Boyd Avenue, Southall,	Local government	No	Education facilities	Central Boilers	Natural gas	1,863		Real
Southall Sports Centre	Beaconsfield Road, Southall,	Local government	No	Sport & Leisure facilities		Natural gas	1,240		Real
Waterside Health Centre	1-2 Tyler RoadOff Havelock RoadSouthall,	Other public		NHS		Natural gas	974		Real
Charter Court	1 Park View Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	844		Real
Harmony Lodge	Harmony Lodge, Havelock Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	745		Real
SOU04 – 'Suterwalla site' and Phoenix House	Land west of The Green, south of Southbridge Way and east of Queen's Road	Private	Yes	Multi-address buildings			719	310	Estimate
WINDMILL LANE	WINDMILL LANE	Local government	No	Local government estate		Oil	635		LDA
Wolf Fields - Primary School	Norwood Road, Southall,	Local government	No	Education facilities	Central Boilers	Natural gas	558		Real
Ealing PCT Headquarters	1 Armstrong Way Southall	Other public		NHS			524		Estimate
St Anselms Catholic Primary School	Church Avenue, Southall,	Local government	No	Education facilities	Central Boilers	Natural gas	484		Real
Rutherford Tower	1-75 (Con) Lovell Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	448		Real
Tudor Primary School	53 Tudor Road, Southall,	Local government	No	Education facilities	Central Boilers	Natural gas	427		Real
North Primary School	10 Meadow Road, Southall,	Local government	No	Education facilities	Central Boilers	Natural gas	423		Real
Dominion Arts Education Centre	114 The Green, Southall	Local government	No	Museums & Art Galleries		Natural gas	405		Real
Three Bridges Primary School	Norwood Green, Southall,	Local government	No	Education facilities	Central Boilers	Natural gas	374		Real
Southall North Community Offices (HVs and DNs)	Flat 4 &36a Northcote AvenueSouthallMiddlesex	Other public		NHS		Natural gas	359		Real
Southall North Community Offices (HVs and DNs)	Flat 3 &36a Northcote AvenueSouthallMiddlesex	Other public		NHS		Natural gas	313		Real
Heller House	124 Norwood Road, Southall,	Local government	No	Education facilities	Central Boilers	Natural gas	300		Real
SOUTHALL FIRE STATION	17/19 HIGH STREET	Other public	No	Fire stations	Assets including CHP	Natural gas	255		LDA
Broadway Health Centre, Southall	71-73 The BroadwaySouthall, Middlesex	Other public		NHS		Natural gas	219		Estimate
Albert Dane Centre	19-21 Western Road, Southall,	Local government	No	Sport & Leisure facilities	Central Boilers	Natural gas	174		Real
Jubilee Gardens Clinic	Jubilee GardensSouthall	Other public		NHS		Natural gas	173		Real
0-12 SAFE	1st Floor, Talbot Road, Southall,	Local government	No	Other public buildings		Natural gas	137		Real
Ealing Day Treatment Centre Out-Patient Rehabilitation	Britten DriveSouthall	Other public		NHS			135		Estimate
Grove House [Nursery School] Children's Centre	North Road, Southall,	Local government	No	Sport & Leisure facilities		Natural gas	127		Real
Southall Library	9 - 11 Osterley Park Road, Southall	Local government	No	Other public buildings		Natural gas	119		Real
Southall Young Adults Centre	Park View Road, Southall,	Local government	No	Sport & Leisure facilities		Natural gas	104		Real
Hartsbourne Court	Fleming Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	81		Real
Cornucopia Day Centre - Duke of Edinburgh Award Scheme	Spikes Bridge Road, Southall,	Local government	No	Sport & Leisure facilities	Central Boilers	Natural gas	77		Real
Dormers Wells Play Centre	Cnr Longridge Lane And Edison Drive, Southall,	Local government	No	Sport & Leisure facilities			71		Estimate
Phoenix Social Club for Young People	Dormers Wells Lane, Southall,	Local government	No	Sport & Leisure facilities			66		Estimate
Southall Park Children's Centre	Boyd Avenue/Green Drive, Southall,	Local government	No	Sport & Leisure facilities		Natural gas	49		Real
Visions Social Club	Montague Waye, Western Road, Southall, (Featherstone High School)	Local government	No	Sport & Leisure facilities			37		Estimate
The Lodge - Manor House Grounds (Southall Ranger Base)	The Green, Southall,	Local government	No	Other public buildings		Natural gas	25		Real
Norwood Road	123 Norwood Road, flats 1-4, Southall	Local government	No	Multi-address buildings	Central Boilers	Natural gas	16		Real
Hunt Road	37 Hunt Road, Southall	Local government	No	Multi-address buildings	Central Boilers	Natural gas	7		Real
Disraeli Day Nursery	111 Hambrough Road , Southall,	Local government	No	Sport & Leisure facilities	Central Boilers	Natural gas	2		Real
Southall Recreation Ground - Changing Rooms	The Common, Southall	Local government	No	Other public buildings		Natural gas	0		Real
Southall Decimal Centre	Bridge Road, Southall,	Local government	No	Other public buildings					N/A
Southall Town Hall	High Street, Southall,	Local government	No	Other public buildings					N/A
Southall Community Centre	20 Merrick Road	Local government	No	Sport & Leisure facilities					N/A
FEATHERSTONE PRIMARY SCHOOL	FEATHERSTONE PRIMARY SCHOOL		No	Education facilities					LDA
BLAIRE PEACH PRIMARY SCHOOL	BLAIRE PEACH PRIMARY SCHOOL		No	Education facilities					LDA
TALBOT ROAD SCHOOL	TALBOT ROAD SCHOOL		No	Education facilities					LDA
CLIFTON PRIMARY SCHOOL	CLIFTON PRIMARY SCHOOL		No	Education facilities					LDA
SYBIL ELGAR SCHOOL	SYBIL ELGAR SCHOOL		No	Education facilities					LDA
HAVELOCK PRIMARY SCHOOL	HAVELOCK PRIMARY SCHOOL		No	Education facilities					LDA

Region 4 Southall

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
FEATHERSTONE JUNIOR MIXED SCHOOL	FEATHERSTONE JUNIOR MIXED SCHOOL		No	Education facilities					LDA
FEATHERSTONE HIGH SCHOOL	FEATHERSTONE HIGH SCHOOL		No	Education facilities					LDA
FEATHERSTONE INFANT SCHOOL	FEATHERSTONE INFANT SCHOOL		No	Education facilities					LDA
BEACONSFIELD PRIMARY SCHOOL	BEACONSFIELD PRIMARY SCHOOL		No	Education facilities					LDA
DAIRYMEAD MEADOW PRIMARY SCHOOL	DAIRYMEAD MEADOW PRIMARY SCHOOL		No	Education facilities					LDA
KHALSA SCHOOL SOUTHALL PROMOTERS	KHALSA SCHOOL SOUTHALL PROMOTERS		No	Education facilities					LDA
HAMBROUGH FIRST SCHOOL	HAMBROUGH FIRST SCHOOL		No	Education facilities					LDA
DURDANS PARK SCHOOL	DURDANS PARK SCHOOL		No	Education facilities					LDA
LADY MARGARET JUNIOR MIDDLE & INFANT SCHOOL	LADY MARGARET JUNIOR MIDDLE & INFANT SCHOOL		No	Education facilities					LDA
THREE BRIDGES PRIMARY SCHOOL	THREE BRIDGES PRIMARY SCHOOL		No	Education facilities					LDA
DORMERS WELLS JMI SCHOOL	DORMERS WELLS JMI SCHOOL		No	Education facilities					LDA
ALLENBY PRIMARY SCHOOL	ALLENBY PRIMARY SCHOOL		No	Education facilities					LDA
DORMERS WELLS HIGH SCHOOL	DORMERS WELLS HIGH SCHOOL		No	Education facilities					LDA
NAGINA HOTEL	HIGH STREET, SOUTHALL	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
INTERNATIONAL TRADING ESTATE	TRIDENT WAY SOUTHALL	Private	No	Multi-address buildings				55	LDA
1 GLENEAGLES TOWER	FLEMING ROAD SOUTHALL	Private	No	Multi-address buildings				74	LDA
1 PORTRUSH COURT	WHITECOTE ROAD SOUTHALL	Private	No	Multi-address buildings				65	LDA
1 ST. ANDREWS TOWER	BAIRD AVENUE SOUTHALL	Private	No	Multi-address buildings				73	LDA
10 SHERINGHAM TOWER	BAIRD AVENUE SOUTHALL	Private	No	Multi-address buildings				72	LDA
Total							**38,520**		

Region 5 Central Ealing

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Gurnell Leisure Centre	Ruislip Road East	Local government	No	Sport & Leisure facilities		Natural gas	5,039		Real
Copley Close	Copley Close PT3 10	Local government	No	Multi-address buildings	Central Boilers	Natural gas	3,703		Real
Boiler House	21-74 Cheyne Path	Local government	No	Multi-address buildings	Central Boilers	Natural gas	2,988		Real
Copley Close	Copley Close; PT 1	Local government	No	Multi-address buildings	Central Boilers	Natural gas	2,975		Real
Crowne Plaza London Ealing	Western Avenue Hanger Lane, London	Private	No	Hotels (> 99 units or 4,999 m2)			2,735	131	Estimate
Copley Close	Copley Close PT2 10; PT3 2	Local government	No	Multi-address buildings	Central Boilers	Natural gas	1,359		Real
Copley Close	Copley Close PT2 1	Local government	No	Multi-address buildings	Central Boilers	Natural gas	1,145		Real
Greatdown Road	13-27 (Odd) Greatdown Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	851		Real
Cheriton Close	4-48 (Con) Cheriton Close	Local government	No	Multi-address buildings	Central Boilers	Natural gas	779		Real
Montpelier Primary School	Helena Road, Ealing,	Local government	No	Education facilities	Central Boilers	Natural gas	650		Real
Buckingham Close	76-92 Buckingham Close	Local government	No	Multi-address buildings	Central Boilers	Natural gas	592		Real
Rolland House (Sheltered Housing)	Rolland House, Laurie Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	581		Real
Gurnell Grove Heron House 2	Gurnell Grove Heron House 2	Local government	No	Multi-address buildings	Central Boilers	Natural gas	557		Real
Pembroke Court	Pembroke Court, Park Road East	Local government	No	Multi-address buildings	Central Boilers	Natural gas	516		Real
Hanwell Community Centre	Westcott Crescent, London	Local government	No	Sport & Leisure facilities			492		Estimate
Ditchley Court	Ditchley Court, Templeman Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	486		Real
CHURCH ROAD	CHURCH ROAD	Local government	No	Local government estate		Oil	484		LDA
Brent Lodge	Church & Manor Park Roads, Hanwell,	Local government	No	Other public buildings		Natural gas	378		Real
St Gregorys Catholic Primary School	Woodfield Road, Ealing,	Local government	No	Education facilities	Central Boilers	Natural gas	286		Real
Mayfield Primary School	High Lane, Hanwell,	Local government	No	Education facilities	Central Boilers	Natural gas	258		Real
North Ealing Primary School	Pitshanger Lane, Ealing,	Local government	No	Education facilities	Central Boilers	Natural gas	214		Real
Springhallow School	Compton Close, Ealing,	Local government	No	Education facilities	Central Boilers	Natural gas	186		Real
Greatdown Road	13-27 Greatdown Road 13-27	Local government	No	Multi-address buildings	Central Boilers	Natural gas	172		Real
Kennedy Road	26-40 (Even) Kennedy Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	130		Real
Perivale Park	Stockdove Way, Perivale,	Local government	No	Other public buildings		Natural gas	123		Real
Kennedy Road	5-19 Kennedy Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	116		Real
Cuckoo estate	Elfwine Road blk 26-32	Local government	No	Multi-address buildings	Central Boilers	Natural gas	111		Real
29; 45-49; 566 Greatdown Road	29; 45-49; 566 Greatdown Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	74		Real
Cuckoo Estate	Elfwine Road blk 10-14	Local government	No	Multi-address buildings	Central Boilers	Natural gas	70		Real
Kennedy Road	61-75 (Odd) Kennedy Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	65		Real
Perivale Park Athletic Track & Gym	Stockdove Way/Ruislip Road East, Greenford,	Local government	No	Other public buildings		Natural gas	65		Real
Pitshanger Library	143-145 Pitshanger Lane, Ealing	Local government	No	Other public buildings			32		Estimate
Kennedy Road	39-53 (Odd) Kennedy Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	25		Real
Pitshanger Park Play Centre	Meadvale Road, Ealing,	Local government	No	Sport & Leisure facilities			21		Estimate
Unit 1 187 Copley Close (EASE @ BASE)	187 Copley Close, Hanwell,	Local government	No	Sport & Leisure facilities			20		Estimate
Hanger Hill Pitch & Put	Hillcrest Road, Ealing,	Local government	No	Other public buildings		Natural gas	19		Real
Gurnell Grove Communal 3	Gurnell Grove Communal 3	Local government	No	Multi-address buildings	Central Boilers	Natural gas	18		Real
Tenants Club	189 Copley Close	Local government	No	Multi-address buildings	Central Boilers	Natural gas	18		Real
45 Greatdown Road	Greatdown Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	6		Real
Little Lodge	136 Church Road, Hanwell	Local government	No	Other public buildings		Natural gas			N/A
Brent Valley Golf Club	Church Road, Hanwell,	Local government	No	Other public buildings		Natural gas			Real
DRAYTON MANOR HIGH SCHOOL	DRAYTON MANOR HIGH SCHOOL		No	Education facilities					LDA
GURNELL MIDDLE SCHOOL	GURNELL MIDDLE SCHOOL		No	Education facilities					LDA
CASTLEBAR SPECIAL SCHOOL	CASTLEBAR SPECIAL SCHOOL		No	Education facilities					LDA
HATHAWAY PRIMARY SCHOOL	HATHAWAY PRIMARY SCHOOL		No	Education facilities					LDA
HOBBAYNE PRIMARY SCHOOL	HOBBAYNE PRIMARY SCHOOL		No	Education facilities					LDA
BRENTSIDE PRIMARY SCHOOL	BRENTSIDE PRIMARY SCHOOL		No	Education facilities					LDA
BRENTSIDE HIGH SCHOOL	BRENTSIDE HIGH SCHOOL		No	Education facilities					LDA
NOTTING HILL & EALING HIGH SCHOOL	NOTTING HILL & EALING HIGH SCHOOL		No	Education facilities					LDA
EALING COLLEGE UPPER SCHOOL	EALING COLLEGE UPPER SCHOOL		No	Education facilities					LDA
NOTTING HILL & EALING HIGH SCHOOL	NOTTING HILL & EALING HIGH SCHOOL		No	Education facilities					LDA
ST. BENEDICTS SCHOOL	ST. BENEDICTS SCHOOL		No	Education facilities					LDA
ASTON HOUSE SCHOOL	ASTON HOUSE SCHOOL		No	Education facilities					LDA
ST. BENEDICTS JUNIOR SCHOOL	ST. BENEDICTS JUNIOR SCHOOL		No	Education facilities					LDA
CHURCH RETREAT HOTEL	MONTPELIER AVENUE, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
HANGER HILL HOTEL	CORFTON ROAD, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
FALCON HOUSE	FLAT 1 GURNELL GROVE LONDON	Private	No	Multi-address buildings				65	LDA

Region 5 Central Ealing

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
GREYSTOKE HOUSE	FLAT 1 150 BRUNSWICK ROAD LONDON	Private	No	Multi-address buildings				50	LDA
DUNLIN HOUSE	FLAT 276 GURNELL GROVE LONDON	Private	No	Multi-address buildings				65	LDA
KESTREL HOUSE	FLAT 211 GURNELL GROVE LONDON	Private	No	Multi-address buildings				65	LDA
R N T N E HOSPITAL	CASTLEBAR HILL, LONDON	Other public	No	NHS					LDA
Total							**28,340**		

Region 6 North Central Ealing

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Horsenden Childrens' Centre	Off Horsenden Lane North, Greenford,	Local government	No	Sport & Leisure facilities			1,088		Estimate
Selborne Primary School	Conway Crescent, Perivale,	Local government	No	Education facilities	Central Boilers	Natural gas	439		Real
Perivale Primary School	Federal Road, Perivale	Local government	No	Education facilities	Central Boilers	Natural gas	419		Real
Vicars Green School	Lily Gardens , Alperton,	Local government	No	Education facilities	Central Boilers	Natural gas	367		Real
Mandeville School	Horsenden Lane North, Greenford,	Local government	No	Education facilities	Central Boilers	Natural gas	261		Real
Perivale Community Centre	Horsenden Lane South	Local government	No	Sport & Leisure facilities		Natural gas	213		Real
Hillview 179C District Nurses	179C Bilton Road	Other public		NHS		Natural gas	87		Real
Library Support Centre	Horsenden Lane South, Greenford	Local government	No	Other public buildings		Natural gas	86		Real
Perivale Library	Horsenden Lane, Greenford	Local government	No	Other public buildings		Natural gas	73		Real
Hillview Surgery &Mental Health and Well Being Service	179 Bilton Road	Other public		NHS		Natural gas	43		Real
St John Fisher Catholic Primary School	Thirlemere Avenue, Greenford,	Local government	No	Education facilities	Central Boilers	Natural gas	21		Real
Diabetes Retinal Screening Service	179b Bilton Road, Perivale	Other public		NHS		Natural gas			N/A
Horsenden Recreation Ground Bowling Pavilion	Off Horsenden Lane North (opposite Ballot Box Pub), Greenford,	Local government	No	Other public buildings		Natural gas			N/A
Tesco	Hoover Building, Western Avenue, Southall, Greater London	Private	No	Private commercial (> 9,999 m2)					N/A
HORSENDEN PRIMARY SCHOOL	HORSENDEN PRIMARY SCHOOL		No	Education facilities					LDA
SUDBURY TOWN NURSERY SCHOOL	SUDBURY TOWN NURSERY SCHOOL		No	Education facilities					LDA
48 ALLEN COURT	RIDDING LANE GREENFORD	Private	No	Multi-address buildings				65	LDA
Total							**3,098**		

Region 7 Northolt

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Northolt High School	Eastcote Lane, Northolt,	Local government	No	Education facilities	Central Boilers	Natural gas	2,553		Real
Hill Court	1 - 41 Hill Court	Local government	No	Multi-address buildings	Central Boilers	Natural gas	2,170		Real
Greenford Green Clinic Community Clinic	Wadham GardensGreenford	Other public		NHS		Natural gas	1,822		Real
Wood End Childrens Centre	Wood End Library, Whitton Avenue West, Greenford	Local government	No	Sport & Leisure facilities			778		Estimate
50 Community Road	50 Community Road, Greenford,	Local government	No	Local government estate		Natural gas	388		Real
Willow Tree Primary School	Priors Farm Lane, Northolt,	Local government	No	Education facilities	Central Boilers	Natural gas	378		Real
Wood End Junior School	Vernon Rise, Greenford,	Local government	No	Education facilities	Central Boilers	Natural gas	282		Real
Wood End Infant School	Whitton Avenue West, Northolt,	Local government	No	Education facilities	Central Boilers	Natural gas	280		Real
Ealing Family Support Service	21 Cowings Mead, Northolt,	Local government	No	Other public buildings		Natural gas	248		Real
Oldfield Primary School	Oldfield Lane, Greenford,	Local government	No	Education facilities	Central Boilers	Natural gas	204		Real
NORTHOLT FIRE STATION	74 PETTS HILL	Other public	No	Fire stations	Assets including CHP	Natural gas	197		LDA
Petts Hill Primary School	Newmarket Avenue, Northolt,	Local government	No	Education facilities	Central Boilers	Natural gas	174		Real
Caretakers House Northolt High School	Eastcote Lane, Northolt Middlesex	Other public		NHS		Natural gas	117		Real
Islip Manor Youth and Community Centre	Arnold Road, Northolt, Middlesex	Local government	No	Sport & Leisure facilities			108		Estimate
Wood End Library	Whitton Avenue West, Greenford	Local government	No	Other public buildings		Natural gas	98		Real
Northolt Park Play Centre	Dabbs Hill Lane, Northolt,	Local government	No	Sport & Leisure facilities			65		Estimate
Ken Acock Youth & Community Centre	Carr Road, Northolt,	Local government	No	Sport & Leisure facilities			47		Estimate
Islip Manor Park Children's Centre	Eastcote Lane, Northolt,	Local government	No	Sport & Leisure facilities			30		Estimate
Oldfield Kitchen (Meals on Wheels)	Greenford Road, Greenford,	Local government	No	Other public buildings		Natural gas	10		Real
Northolt Village Community Centre	The Manor House, Ealing Road, Northolt, Middlesex	Local government	No	Sport & Leisure facilities		Natural gas	2		Real
Northolt Rest Garden - Willow Cottages	Ealing Road, Northolt,	Local government	No	Other public buildings		Natural gas			N/A
Tera 40 Industrial Estate	Auriol Drive Greenford	Private	Yes	Private commercial (> 9,999 m2)		Renewable			Real
Ealing Northern Sports Centre			No	Sport & Leisure facilities					LDA
Ealing Northern Sports Centre			No	Sport & Leisure facilities					LDA
BELVUE SCHOOL	BELVUE SCHOOL		No	Education facilities					LDA
GREENWOOD PRIMARY SCHOOL	GREENWOOD PRIMARY SCHOOL		No	Education facilities					LDA
RAILWAY HOTEL	OLDFIELD LANE NORTH, GREENFORD	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
57 WILLIAM PERKIN COURT	1089 GREENFORD ROAD GREENFORD	Private	No	Multi-address buildings				66	LDA
1 CHURCHILL COURT	NEWMARKET AVENUE NORTHOLT	Private	No	Multi-address buildings				97	LDA
Total							**9,951**		

Region 8 Greenford

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
West London Academy	Bengarth Road, Northolt,	Local government	No	Education facilities	Central Boilers	Natural gas	2,856		Real
Ravenor Park Clinic	23 Oldfield Lane SouthGreenford	Other public		NHS		Natural gas	2,218		Real
Greenford Lodge (CTPLD)	14-16 Cowgate RoadGreenford	Other public		NHS		Natural gas	1,452		Real
Grange Court Estate	1-101 (Con) Old Ruislip Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	1,367		Real
Residential Care Home	118 Oldfield Lane South Greenford Greenford	Private	Yes	Multi-address buildings		Natural gas	732		Estimate
Ruislip Road (Sheltered Housing)	147-223; 225 blk 30 Ruislip Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	601		Real
Stanhope Primary	Mansell Road, Greenford,	Local government	No	Education facilities	Central Boilers	Natural gas	534		Real
Whiteoaks Lane	1-8 Whiteoaks Lane	Local government	No	Multi-address buildings	Central Boilers	Natural gas	531		Real
Tangmere Gardens Clinic Community Clinic	1b Tangmere GardensNortholt	Other public		NHS		Natural gas	439		Real
St Raphaels Catholic Primary School	Hartfield Avenue, Northolt,	Local government	No	Education facilities	Central Boilers	Natural gas	422		Real
Down Way	23A-33A (Odd); 23B-33B (Odd) Down Way	Local government	No	Multi-address buildings	Central Boilers	Natural gas	417		Real
301 Ruislip Road, Greenford	301 Ruislip Road, Greenford	Local government	No	Other public buildings		Natural gas	380		Real
Kensington Road	1 Kensington Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	351		Real
Cowgate Day Centre	18 Cowgate Road, Greenford,	Local government	No	Sport & Leisure facilities	Central Boilers	Natural gas	351		Real
Viking Primary School	Radcliffe Way, Northolt,	Local government	No	Education facilities	Central Boilers	Natural gas	349		Real
Brent Lodge (Sheltered Housing)	Brent Lodge, Church Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	314		Real
Farrier Rd	28-46; 50-60 (Even) Farrier Rd	Local government	No	Multi-address buildings	Central Boilers	Natural gas	312		Real
Our Lady of the Visitation Catholic School	Greenford Road, Greenford,	Local government	No	Education facilities	Central Boilers	Natural gas	252		Real
Stable Close	5 Stable Close	Local government	No	Multi-address buildings	Central Boilers	Natural gas	231		Real
Ravenor Primary School	Greenaway Gardens, Greenford,	Local government	No	Education facilities	Central Boilers	Natural gas	231		Real
Cyril Grant Hall / Greenford Hall	Corner Of Oldfield Lane South & Ruislip Road, Greenford,	Local government	No	Sport & Leisure facilities		Natural gas	182		Real
Windmill Day Nursery	135-139 Windmill Lane, Greenford,	Local government	No	Sport & Leisure facilities		Natural gas	180		Real
Greenford Assembly Hall	Ruislip Road, Middlesex	Local government	No	Other public buildings		Natural gas	151		Real
Northolt Library	388-404 Church Road, Northolt	Local government	No	Other public buildings			146		Estimate
130-140 (Even) Farrier Road	130-140 (Even) Farrier Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	137		Real
Greenford Community Centre	170 Oldfield Lane South, Greenford	Local government	No	Sport & Leisure facilities		Natural gas	129		Real
Latham Court	Havelock Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	117		Real
Jupiter Court (Sheltered Housing)	Jupiter Court 4 Ruislip Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	109		Real
Greenford Sports Centre	Lady Margaret Road, Southall	Local government	No	Sport & Leisure facilities		Natural gas	109		Real
Sure Start Nursery,	1 Academy Gardens	Local government	No	Sport & Leisure facilities			108		Estimate
79-89 (Odd) Kensington Road	79-89 (Odd) Kensington Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	105		Real
Westland Court (Sheltered Housing)	Westland Court, Northolt	Local government	No	Multi-address buildings	Central Boilers	Natural gas	104		Real
83-93 Farrier Road	83-93 Farrier Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	98		Real
Paddock Close	1-7 (Con) Paddock Close	Local government	No	Multi-address buildings	Central Boilers	Natural gas	97		Real
Meadow Close	1-7 (Con) Meadow Close	Local government	No	Multi-address buildings	Central Boilers	Natural gas	90		Real
Greenford Library	25 Oldfield Lane South, Greenford	Local government	No	Other public buildings		Natural gas	81		Real
133 Windmill Lane	133 Windmill Lane, Greenford,	Local government	No	Other public buildings		Natural gas	76		Real
Lime Trees Children's Centre	2 Drayton Green	Local government	No	Sport & Leisure facilities		Natural gas	53		Real
Northolt Grange Community Centre	Rushdene Crescent, Northolt, Middlesex	Local government	No	Sport & Leisure facilities		Natural gas	47		Real
Oldfield Lane	19 Oldfield Lane	Local government	No	Multi-address buildings	Central Boilers	Natural gas	39		Real
Viking Community Centre, Northolt	Radcliffe Way, Northolt	Local government	No	Sport & Leisure facilities			22		Estimate
Parkfield Drive	1;1A;3;3A;5;5A;7;7A Parkfield Drive	Local government	No	Multi-address buildings	Central Boilers	Natural gas	21		Real
3 Bancroft Court,	3 Bancroft Court, Northolt,	Local government	No	Local government estate		Natural gas	18		Real
Landseer House	1;1A;3;3A;5;5A;7;7A Parkfield Drive	Local government	No	Multi-address buildings	Central Boilers	Natural gas	14		Real
Brent Lodge	Costons Lane	Local government	No	Multi-address buildings	Central Boilers	Natural gas	1		Real
Moorlands (Sheltered Housing)	1 Godfrey Avenue	Local government	No	Multi-address buildings	Central Boilers	Natural gas			N/A
Whiteoaks House	Whiteoaks Lane, Greenford	Local government	No	Multi-address buildings	Central Boilers	Natural gas			N/A
Church Road Surgery	296 Church RoadNortholt	Other public		NHS		Natural gas			N/A
Greenford Broadway Public Conveniences (Tetragon)	Oldfield Lane South, Greenford,	Local government	No	Other public buildings		Natural gas			N/A
Playing Court			No	Sport & Leisure facilities					LDA
Sports Hall			No	Sport & Leisure facilities					LDA
West London Shooting School	West End Road, Northolt		No	Sport & Leisure facilities					LDA
DOWN MANOR COMBINED FIRST & MIDDLE SCHOOL	DOWN MANOR COMBINED FIRST & MIDDLE SCHOOL		No	Education facilities					LDA
GIFFORD PRIMARY SCHOOL	GIFFORD PRIMARY SCHOOL		No	Education facilities					LDA
GREENFORD HIGH SCHOOL	GREENFORD HIGH SCHOOL		No	Education facilities					LDA
CARDINAL WISEMAN SECONDARY SCHOOL	CARDINAL WISEMAN SECONDARY SCHOOL		No	Education facilities					LDA
COSTON PRIMARY SCHOOL	COSTON PRIMARY SCHOOL		No	Education facilities					LDA

Region 8 Greenford

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
EDWARD BETHAM PRIMARY SCHOOL	EDWARD BETHAM PRIMARY SCHOOL		No	Education facilities					LDA
JOHN CHILTON SCHOOL	JOHN CHILTON SCHOOL		No	Education facilities					LDA
WHITE HART HOTEL	RUISLIP ROAD, NORTHOLT	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
10 KITTIWAKE ROAD	10 KITTIWAKE ROAD	Local government	No	Local government estate		Oil			LDA
99 WOBURN TOWER	BROOMCROFT AVENUE NORTHOLT	Private	No	Multi-address buildings				78	LDA
HERTFORD HOUSE	APARTMENT 12 TAYWOOD ROAD NORTHOLT	Private	No	Multi-address buildings				82	LDA
CENTRAL WEST	FLAT 1 320 RUISLIP ROAD EAST GREENFORD	Private	No	Multi-address buildings				69	LDA
MACMILLAN COURT	1 309 RUISLIP ROAD EAST GREENFORD	Private	No	Multi-address buildings				76	LDA
CALDON HOUSE	APARTMENT 15 WAXLOW WAY NORTHOLT	Private	No	Multi-address buildings				68	LDA
1 HIGHVIEW	BYRON WAY NORTHOLT	Private	No	Multi-address buildings				83	LDA
BRECON HOUSE	FLAT 1 TAYWOOD ROAD NORTHOLT	Private	No	Multi-address buildings				51	LDA
	117 MAKEPEACE ROAD NORTHOLT	Private	No	Multi-address buildings				56	LDA
1 GAINSBOROUGH TOWER	ACADEMY GARDENS NORTHOLT	Private	No	Multi-address buildings				91	LDA
Footsteps Art Group	131-133 Windmill Lane, Greenford	Private	No	Museum and art gallery					LDA
London Motorcycle Museum	Ravenor Farm 29 Oldfield Lane South, Greenford	Private	No	Museum and art gallery					LDA
Total							**16,574**		

Focus Area 1 South Acton Estate

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
South Acton Estate / Subsequent phases	Part Of South Acton Estate-Including Land On/Adj To Part Bollo Bridge Road, Stanley Road, Palmerston Road, Vincent Road, All Saints' Road and southern part of Recreation Ground, excluding Charles Hocking House, Barwick House Woolf And Wodehouse Courts A	Private	Yes	Multi-address buildings			5,670	2,444	Estimate
Acton Health Centre Community Clinic	35 – 61 Church Road Acton	Other public		NHS		Natural gas	4,187		Real
Acton Sports Centre (Acton Pool)	Salisbury Street, Acton,	Local government	No	Sport & Leisure facilities		Natural gas	3,649		Real
Barrington Court	Cheltenham Place	Local government	No	Multi-address buildings	Central Boilers	Natural gas	3,503		Real
South Acton Estate	Part Of South Acton Estate-Including Land On/Adj To Part Bollo Bridge Road, Stanley Road, Palmerston Road, Vincent Road, All Saints' Road and southern part of Recreation Ground, excluding Charles Hocking House, Barwick House Woolf And Wodehouse Courts A	Private	Yes	Multi-address buildings			3,237	756	Estimate
Sheltered Housing	2-62 Neville Close, Acton	Local government	No	Multi-address buildings	Central Boilers	Natural gas	1,434		Real
Ludlow Court	Ludlow Court 1-54 (South)	Local government	No	Multi-address buildings	Central Boilers	Natural gas	768		Real
Carisbrooke Court	1-54 North Carisbrooke Court	Local government	No	Multi-address buildings	Central Boilers	Natural gas	755		Real
Meredith Tower	90(A-D); 90-204 (Even) Hanbury Road 2	Local government	No	Multi-address buildings	Central Boilers	Natural gas	734		Real
Conrad Tower	Conrad Tower 231 (A-D) - 345 (1)	Local government	No	Multi-address buildings	Central Boilers	Natural gas	670		Real
Garden Court	32 Rothschild Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	653		Real
Acton Adult Training Centre	Stirling Road, Acton,	Local government	No	Education facilities		Natural gas	520		Real
ACT02 – Oaks Shopping Centre and Churchfield Road Car Park	High Street, Churchfield Road and Hoopers Mews, Acton	Private	Yes	Multi-address buildings			487	210	Estimate
Priory Community Centre	Acton Lane, Acton	Local government	No	Sport & Leisure facilities		Natural gas	486		Real
Graham Tower	93-205 (Odd) 93 A-E; Hanbury Road 1	Local government	No	Multi-address buildings	Central Boilers	Natural gas	381		Real
Blackmore Tower	1-187 (Odd) Stanley Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	306		Real
Michael Flanders Day Centre	Church Road, Acton	Local government	No	Sport & Leisure facilities	Central Boilers	Natural gas	288		Real
ACTON FIU Fire Station	28 Gunnersbury Lane	Other public	No	Fire stations		Oil	263		LDA
ACTON Fire Station	27 Gunnersbury Lane	Other public	No	Fire stations		Oil	250		LDA
Carlton Day Centre	8 - 10 Carlton Road, Acton,	Local government	No	Sport & Leisure facilities	Central Boilers	Natural gas	243		Real
Acton Library	High Street, Acton	Local government	No	Other public buildings		Natural gas	156		Real
South Acton Children's Centre (Early Excellence Centre)	Castle Close, Acton,	Local government	No	Sport & Leisure facilities		Natural gas	153		Real
Learning Curve	1 - 5 Roslin Road East, Acton,	Local government	No	Sport & Leisure facilities		Natural gas	145		Real
Reynolds Sports Centre	Acton High School, Gunnersbury Lane, Acton,	Local government	No	Sport & Leisure facilities		Natural gas	109		Real
Bollo Brook Youth Centre	Bollo Bridge Road, Acton,	Local government	No	Sport & Leisure facilities		Natural gas	37		Real
Youth Offending Team	2 Cheltenham Place, Acton,	Local government	No	Other public buildings			35		Estimate
Webb Court	373-419 (Odd) Bollo Lane	Local government	No	Multi-address buildings	Central Boilers	Natural gas	25		Real
Sheltered Housing	Arundel House 1-22	Local government	No	Multi-address buildings	Central Boilers	Natural gas	25		Real
Burlington Gardens	38 A;B;C;D Burlington Gardens	Local government	No	Multi-address buildings	Central Boilers	Natural gas	20		Real
Southfields Recreation Ground Pavilion	Adj to 89 Southfield Road, Acton,	Local government	No	Other public buildings		Natural gas	18		Real
4a Newburgh Road	4a Newburgh Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	15		Real
Acton Town Hall	High Street, Acton,	Local government	No	Other public buildings		Natural gas	13		Real*
Jerome Tower	34-220 (Even) Osborne Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas			N/A
Morrison's Acton	King Street Acton	Private	No	Private commercial (> 9,999 m2)					N/A
Energise Fitness	Acton Centre, Gunnersbury Lane, London		No	Sport & Leisure facilities					LDA
South Acton Regeneration Office London Borough of Ealing	108 Bollo Bridge Road ,London	Central government	No	Central government estate					LDA
BERRYMEDE FIRST & JUNIOR SCHOOL	BERRYMEDE FIRST & JUNIOR SCHOOL		No	Education facilities					LDA
BERRYMEDE INFANT SCHOOL	BERRYMEDE INFANT SCHOOL		No	Education facilities					LDA
ACTON HIGH SCHOOL	ACTON HIGH SCHOOL		No	Education facilities					LDA
VILLAGE MONTESSORI NURSERY SCHOOL	VILLAGE MONTESSORI NURSERY SCHOOL		No	Education facilities					LDA
ACTON POLICE STATION, METROPOLITAN POLICE	HIGH STREET, LONDON	Other public	No	Police stations					LDA

* Validity unclear

Focus Area 1 South Acton Estate

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
ACTON TOWN HOTEL	GUNNERSBURY LANE, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
BEST WEST HOTEL	HIGH STREET, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
PARK ROAD NORTH	PARK ROAD NORTH	Local government	No	Local government estate		Oil			LDA
BARWICK HOUSE	FLAT 51 STRAFFORD ROAD LONDON	Private	No	Multi-address buildings				99	LDA
ARLINGTON COURT	FLAT 1 17 MILL HILL ROAD LONDON	Private	No	Multi-address buildings				66	LDA
CORFE TOWER	FLAT 1 PARK ROAD EAST LONDON	Private	No	Multi-address buildings				77	LDA
KIPLING TOWER	FLAT 1 PALMERSTON ROAD LONDON	Private	No	Multi-address buildings				95	LDA
FRAMPTON COURT	FLAT 1 76 CHELTENHAM PLACE LONDON	Private	No	Multi-address buildings				64	LDA
MORETON TOWER	FLAT 1 LEXDEN ROAD LONDON	Private	No	Multi-address buildings				100	LDA
HARLECH TOWER	FLAT 1 PARK ROAD EAST LONDON	Private	No	Multi-address buildings				76	LDA
BEAUMARIS TOWER	FLAT 1 PARK ROAD NORTH LONDON	Private	No	Multi-address buildings				75	LDA
CHARLES HOCKING HOUSE	FLAT 1 BOLLO BRIDGE ROAD LONDON	Private	No	Multi-address buildings				100	LDA
Terra Gallery	33 Bollo Lane, London	Private	No	Museum and art gallery					LDA
The Little Picture Gallery.Com	33-35 Rothschild Road, London, Greater London	Private	No	Museum and art gallery					LDA
Total							**29,233**		

Focus Area Area 2 Ealing Metropolitan Centre / Green Man Lane

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Tintern Court	Tintern Court, Williams Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	6,202		Real
Perceval House	14-16 Uxbridge Road, Ealing,	Local government	No	Other public buildings		Natural gas	3,857		Real
Dickens Yard	Land At Dickens Yard & The Church Of Christ The Saviour & 2-12 New Broadway Ealing London	Private	Yes	Multi-address buildings		Mixed source	3,827	698	Estimate
Mattock Lane Health Centre Community Health Centre	78 Mattock LaneEaling	Other public		NHS		Natural gas	3,781		Real
Ealing Town Hall	New Broadway, Ealing,	Local government	No	Other public buildings			1,969		Estimate
Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers	Private	Yes	Private residential (> 149 units or 9,999 m2)		Natural gas	1,315	567	Estimate
Broughton Court Communal	Broughton Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	1,197		Real
Proposed Travelodge Hotel	77 Uxbridge Road Ealing London	Private	Yes	Hotels (> 99 units or 4,999 m2)		Natural gas	961		Estimate
Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers	Private	Yes	Private commercial (> 9,999 m2)		Natural gas	952		Estimate
Bakers House	Bakers House, The Grove	Local government	No	Multi-address buildings	Central Boilers	Natural gas	819		Real
St Johns Children's Centre	Felix Road, West Ealing,	Local government	No	Sport & Leisure facilities			632		Estimate
Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers	Private	Yes	Multi-address buildings		Natural gas	593		Estimate
Ealing Central Library	The Broadway, Ealing	Local government	No	Other public buildings		Natural gas	583		Real
St Johns Primary School	Felix Rd, West Ealing,	Local government	No	Education facilities	Central Boilers	Natural gas	358		Real
Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers	Private	Yes	Sport & Leisure facilities		Natural gas	324		Estimate
Pitzhanger Manor & Gallery	Walpole Park, Mattock Lane, Ealing	Local government	No	Museums & Art Galleries		Natural gas	321		Real
LONGFIELD AVENUE	LONGFIELD AVENUE	Local government	No	Local government estate		Oil	247		LDA
Alexandria House Speech & Language Unit	14a Alexandria Road, Ealing	Other public		NHS		Natural gas	224		Real
St Saviours CE Infant School	The Grove, Ealing,	Local government	No	Education facilities	Central Boilers	Natural gas	217		Real
West Ealing Library	Melbourne Avenue, Ealing	Local government	No	Other public buildings		Natural gas	146		Real
Mental Health and Well Being Service, 84 Uxbridge Road	3rd Floor84 Uxbridge RoadEaling	Other public		NHS			138		Estimate
W13 Social Club for Young People	Churchfield Road, Ealing,	Local government	No	Sport & Leisure facilities		Natural gas	87		Real
EALING FIRE STATION	60/64 UXBRIDGE ROAD	Other public	No	Fire stations	Individual boilers	Natural gas	85		LDA
Crossbow house	Crossbow house	Local government	No	Multi-address buildings	Central Boilers	Natural gas	80		Real
Gordon Road	48 Gordon Road, Ealing	Local government	No	Multi-address buildings	Central Boilers	Natural gas	40		Real
Arcadia Centre	Arcadia Centre (all), 9 - 29 (consecutive) and 36 - 42 (consecutive) The Broadway 1 - 10 (consecutive) Central Chambers 1 - 4 (consecutive) Haven Place Flower Haven Springbridge Road, land over the Railway between Springbridge Road and Central Chambers	Private	Yes	Multi-address buildings		Natural gas	34		Estimate
Green Man Lane Estate	Green Man Lane Estate, Singapore Road Multi Storey Car Park, Singapore Road Surface Car Park, Dean Hall And Other Associated Highways West Ealing London	Private	Yes	Multi-address buildings		Natural gas			N/A

Focus Area Area 2 Ealing Metropolitan Centre / Green Man Lane

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Bakers House	Bakers House 1 - 30	Local government	No	Multi-address buildings	Central Boilers	Natural gas			N/A
Bakers House	The Grove, Ealing	Local government	No	Multi-address buildings	Central Boilers	Natural gas			N/A
50-54 Broadway	50 54 Broadway West Ealing Ealing London	Private	Yes	Multi-address buildings		Natural gas			N/A
Primary Care Education Centre Education Training Centre And West London Health Estates and Facilities Management	West Ealing House2 St. James AvenueEaling	Other public		NHS		Natural gas			N/A
Drug and Alcohol AbuseTeam	Part of fifth floor58 Uxbridge RoadEaling	Other public		NHS		Natural gas			N/A
Flu Response (Pandemic)Centre	16-18 New BroadwayEalingLondon	Other public		NHS		Natural gas			N/A
16 - 18 Ealing Broadway (Old Vertex	16 - 18 Ealing Broadway (Old Vertex Building)	Local government	No	Other public buildings					N/A
Perceval Lodge	Mattock Lane, Ealing,	Local government	No	Other public buildings		Natural gas			N/A
Waitrose West Ealing	2 Alexandria RoadWest EalingLondon	Private	No	Private commercial (> 9,999 m2)					N/A
Sainsbury's West Ealing	Melbourne Avenue London	Private	No	Private commercial (> 9,999 m2)					N/A
Marks & Spencer	Ealing Broadway Centre, London	Private	No	Private commercial (> 9,999 m2)					N/A
Eden Fitness	Cavalier House 46-50, Uxbridge Road, London	0	No	Sport & Leisure facilities					LDA
Rank UK Holdings Ltd	6, Connaught Road, London	0	No	Sport & Leisure facilities					LDA
HM Revenue & Customs	International House 7 High Street ,London	Central government	No	Central government estate					LDA
Office of Fair Trading	Craven House 40-44 Uxbridge Road ,London	Central government	No	Central government estate					LDA
Thames Valley University	Walpole House 18-20, Bond Street, London	Private	No	Education facilities					LDA
Thames Valley University	Westel House 32-38, Uxbridge Road, London	Private	No	Education facilities					LDA
EALING POLICE STATION 67-69, METROPOLITAN POLICE	UXBRIDGE ROAD, LONDON	Other public	No	Police stations					LDA
ROSEMOOR HOUSE 90-94	FLAT 1 BROADWAY LONDON	Private	No	Multi-address buildings				132	LDA
LUMINOSITY COURT	FLAT 2 49 DRAYTON GREEN ROAD LONDON	Private	No	Multi-address buildings				82	LDA
LOVELACE HOUSE 96-122	FLAT 1 UXBRIDGE ROAD LONDON	Private	No	Multi-address buildings				138	LDA
CAVALIER HOUSE 46-50	FLAT 508 UXBRIDGE ROAD LONDON	Private	No	Multi-address buildings				132	LDA
LONGFIELD HOUSE 18-20	FLAT 1 UXBRIDGE ROAD LONDON	Private	No	Multi-address buildings				55	LDA
DOMINION HOUSE	FLAT 9 THE AVENUE LONDON	Private	No	Multi-address buildings				88	LDA
-	148 UXBRIDGE ROAD LONDON	Private	No	Multi-address buildings				59	LDA
O'GRADY COURT	FLAT 1 MELBOURNE AVENUE LONDON	Private	No	Multi-address buildings				62	LDA
Total							**28,992**		

Focus Area 3 Copley Estate

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Gurnell Leisure Centre	Ruislip Road East	Local government	No	Sport & Leisure facilities		Natural gas	5,039		Real
Copley Close	Copley Close PT3 10	Local government	No	Multi-address buildings	Central Boilers	Natural gas	3,703		Real
Boiler House	21-74 Cheyne Path	Local government	No	Multi-address buildings	Central Boilers	Natural gas	2,988		Real
Copley Close	Copley Close; PT 1	Local government	No	Multi-address buildings	Central Boilers	Natural gas	2,975		Real
Copley Close	Copley Close PT2 10; PT3 2	Local government	No	Multi-address buildings	Central Boilers	Natural gas	1,359		Real
Copley Close	Copley Close PT2 1	Local government	No	Multi-address buildings	Central Boilers	Natural gas	1,145		Real
Greatdown Road	13-27 (Odd) Greatdown Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	851		Real
Rolland House (Sheltered Housing)	Rolland House, Laurie Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	581		Real
Gurnell Grove Heron House 2	Gurnell Grove Heron House 2	Local government	No	Multi-address buildings	Central Boilers	Natural gas	557		Real
Pembroke Court	Pembroke Court, Park Road East	Local government	No	Multi-address buildings	Central Boilers	Natural gas	516		Real
Hanwell Community Centre	Westcott Crescent, London	Local government	No	Sport & Leisure facilities			492		Estimate
Ditchley Court	Ditchley Court, Templeman Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	486		Real
Springhallow School	Compton Close, Ealing,	Local government	No	Education facilities	Central Boilers	Natural gas	186		Real
Greatdown Road	13-27 Greatdown Road 13-27	Local government	No	Multi-address buildings	Central Boilers	Natural gas	172		Real
Kennedy Road	26-40 (Even) Kennedy Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	130		Real
Kennedy Road	5-19 Kennedy Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	116		Real
Cuckoo estate	Elfwine Road blk 26-32	Local government	No	Multi-address buildings	Central Boilers	Natural gas	111		Real
29; 45-49; 566 Greatdown Road	29; 45-49; 566 Greatdown Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	74		Real
Cuckoo Estate	Elfwine Road blk 10-14	Local government	No	Multi-address buildings	Central Boilers	Natural gas	70		Real
Kennedy Road	61-75 (Odd) Kennedy Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	65		Real
Kennedy Road	39-53 (Odd) Kennedy Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	25		Real
Unit 1 187 Copley Close (EASE @ BASE)	187 Copley Close, Hanwell,	Local government	No	Sport & Leisure facilities			20		Estimate
Gurnell Grove Communal 3	Gurnell Grove Communal 3	Local government	No	Multi-address buildings	Central Boilers	Natural gas	18		Real
Tenants Club	189 Copley Close	Local government	No	Multi-address buildings	Central Boilers	Natural gas	18		Real
45 Greatdown Road	Greatdown Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	6		Real*
GURNELL MIDDLE SCHOOL	GURNELL MIDDLE SCHOOL		No	Education facilities					LDA
CASTLEBAR SPECIAL SCHOOL	CASTLEBAR SPECIAL SCHOOL		No	Education facilities					LDA
HATHAWAY PRIMARY SCHOOL	HATHAWAY PRIMARY SCHOOL		No	Education facilities					LDA
BRENTSIDE PRIMARY SCHOOL	BRENTSIDE PRIMARY SCHOOL		No	Education facilities					LDA
BRENTSIDE HIGH SCHOOL	BRENTSIDE HIGH SCHOOL		No	Education facilities					LDA
FALCON HOUSE	FLAT 1 GURNELL GROVE LONDON	Private	No	Multi-address buildings				65	LDA
DUNLIN HOUSE	FLAT 276 GURNELL GROVE LONDON	Private	No	Multi-address buildings				65	LDA
KESTREL HOUSE	FLAT 211 GURNELL GROVE LONDON	Private	No	Multi-address buildings				65	LDA
Total							**21,705**		

* Validity unclear

Focus Area 4A

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Villiers High School	Boyd Avenue, Southall,	Local government	No	Education facilities	Central Boilers	Natural gas	1,863		Real
Southall Sports Centre	Beaconsfield Road, Southall,	Local government	No	Sport & Leisure facilities		Natural gas	1,240		Real
Charter Court	1 Park View Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	844		Real
North Primary School	10 Meadow Road, Southall,	Local government	No	Education facilities	Central Boilers	Natural gas	423		Real
Southall North Community Offices (HVs and DNs)	Flat 4 &36a Northcote AvenueSouthallMiddlesex	Other public		NHS		Natural gas	359		Real
Southall North Community Offices (HVs and DNs)	Flat 3 &36a Northcote AvenueSouthallMiddlesex	Other public		NHS		Natural gas	313		Real
SOUTHALL FIRE STATION	17/19 HIGH STREET	Other public	No	Fire stations	Assets including CHP	Natural gas	255		LDA
Broadway Health Centre, Southall	71-73 The BroadwaySouthall, Middlesex	Other public		NHS		Natural gas	219		Estimate
Grove House [Nursery School] Children's Centre	North Road, Southall,	Local government	No	Sport & Leisure facilities		Natural gas	127		Real
Southall Young Adults Centre	Park View Road, Southall,	Local government	No	Sport & Leisure facilities		Natural gas	104		Real
Phoenix Social Club for Young People	Dormers Wells Lane, Southall,	Local government	No	Sport & Leisure facilities			66		Estimate
Disraeli Day Nursery	111 Hambrough Road , Southall,	Local government	No	Sport & Leisure facilities	Central Boilers	Natural gas	2		Real*
Southall Town Hall	High Street, Southall,	Local government	No	Other public buildings					N/A
BEACONSFIELD PRIMARY SCHOOL	BEACONSFIELD PRIMARY SCHOOL		No	Education facilities					LDA
KHALSA SCHOOL SOUTHALL PROMOTERS	KHALSA SCHOOL SOUTHALL PROMOTERS		No	Education facilities					LDA
HAMBROUGH FIRST SCHOOL	HAMBROUGH FIRST SCHOOL		No	Education facilities					LDA
NAGINA HOTEL	HIGH STREET, SOUTHALL	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
Total							**5,815**		

* Validity unclear

Focus Area 4B

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Harmony Lodge	Harmony Lodge, Havelock Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	745		Real
WINDMILL LANE	WINDMILL LANE	Local government	No	Local government estate		Oil	635		LDA
Wolf Fields - Primary School	Norwood Road, Southall,	Local government	No	Education facilities	Central Boilers	Natural gas	558		Real
Heller House	124 Norwood Road, Southall,	Local government	No	Education facilities	Central Boilers	Natural gas	300		Real
Norwood Road	123 Norwood Road, flats 1-4, Southall	Local government	No	Multi-address buildings	Central Boilers	Natural gas	16		Real*
Hunt Road	37 Hunt Road, Southall	Local government	No	Multi-address buildings	Central Boilers	Natural gas	7		Real*
Southall Decimal Centre	Bridge Road, Southall,	Local government	No	Other public buildings					N/A
SYBIL ELGAR SCHOOL	SYBIL ELGAR SCHOOL		No	Education facilities					LDA
HAVELOCK PRIMARY SCHOOL	HAVELOCK PRIMARY SCHOOL		No	Education facilities					LDA
DAIRYMEAD MEADOW PRIMARY SCHOOL	DAIRYMEAD MEADOW PRIMARY SCHOOL		No	Education facilities					LDA
Total							**2,260**		

* Validity unclear

Focus Area 4C Southall Gas Works.

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Southall Gas Works	Southall Gas Works Site Southall Middlesex, Southall	Private	Yes	Multi-address buildings		Mixed source	19,431	4,500	Estimate
FEATHERSTONE ROAD HEALTH CLINIC	Hartington RoadSouthall	Other public	0	NHS		Natural gas	3,352		Real
SOU04 – 'Suterwalla site' and Phoenix House	Land west of The Green, south of Southbridge Way and east of Queen's Road	Private	Yes	Multi-address buildings			719	310	Estimate
Dominion Arts Education Centre	114 The Green, Southall	Local government	No	Museums & Art Galleries		Natural gas	405		Real
FEATHERSTONE JUNIOR MIXED SCHOOL	FEATHERSTONE JUNIOR MIXED SCHOOL		No	Education facilities					LDA
FEATHERSTONE INFANT SCHOOL	FEATHERSTONE INFANT SCHOOL		No	Education facilities					LDA
Total							**23,907**		

Focus Area 5 Ealing Hospital

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Ealing Hospital	Uxbridge Road, Southall	Other public	No	NHS		Natural gas	22,363		Real
St Bernard's Hospital	Uxbridge Road, Southall	Other public	No	NHS		Natural gas	12,400		Real
Ealing PCT Headquarters	1 Armstrong Way Southall	Other public	0	NHS			524		Estimate
Windmill Park Childrens Centre	1 TULIP CLOSE	Local government	No	Sport & Leisure facilities			190		Estimate
Ealing Hospital NHS Workplace Nursery and Children's Centre	Uxbridge Road Southall	Local government	No	Sport & Leisure facilities					N/A
Jealous Health Club Group	8, Windmill Avenue, Southall		No	Sport & Leisure facilities					LDA
1 COMER CRESCENT SOUTHALL	1 COMER CRESCENT SOUTHALL	Private	No	Multi-address buildings				55	LDA
OSTERLEY VIEWS	FLAT 1 WEST PARK ROAD SOUTHALL	Private	No	Multi-address buildings				65	LDA
Total							**35,477**		

Focus Area 6 Ferrier Road / Union Road

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Farrier Rd	28-46; 50-60 (Even) Farrier Rd	Local government	No	Multi-address buildings	Central Boilers	Natural gas	312		Real
Stable Close	5 Stable Close	Local government	No	Multi-address buildings	Central Boilers	Natural gas	231		Real
130-140 (Even) Farrier Road	130-140 (Even) Farrier Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	137		Real
79-89 (Odd) Kensington Road	79-89 (Odd) Kensington Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	105		Real
83-93 Farrier Road	83-93 Farrier Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	98		Real
Paddock Close	1-7 (Con) Paddock Close	Local government	No	Multi-address buildings	Central Boilers	Natural gas	97		Real
Meadow Close	1-7 (Con) Meadow Close	Local government	No	Multi-address buildings	Central Boilers	Natural gas	90		Real
Total							**1,071**		

Focus Area 7 Greenford Road

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Ravenor Park Clinic	23 Oldfield Lane SouthGreenford	Other public	0	NHS		Natural gas	2,218		Real
Greenford Lodge (CTPLD)	14-16 Cowgate RoadGreenford	Other public	0	NHS		Natural gas	1,452		Real
Residential Care Home	118 Oldfield Lane South Greenford Greenford	Private	Yes	Multi-address buildings		Natural gas	732		Estimate
Stanhope Primary	Mansell Road, Greenford,	Local government	No	Education facilities	Central Boilers	Natural gas	534		Real
Whiteoaks Lane	1-8 Whiteoaks Lane	Local government	No	Multi-address buildings	Central Boilers	Natural gas	531		Real
Cowgate Day Centre	18 Cowgate Road, Greenford,	Local government	No	Sport & Leisure facilities	Central Boilers	Natural gas	351		Real
Brent Lodge (Sheltered Housing)	Brent Lodge, Church Road	Local government	No	Multi-address buildings	Central Boilers	Natural gas	314		Real
Our Lady of the Visitation Catholic School	Greenford Road, Greenford,	Local government	No	Education facilities	Central Boilers	Natural gas	252		Real
Cyril Grant Hall / Greenford Hall	Corner Of Oldfield Lane South & Ruislip Road, Greenford,	Local government	No	Sport & Leisure facilities		Natural gas	182		Real
Windmill Day Nursery	135-139 Windmill Lane, Greenford,	Local government	No	Sport & Leisure facilities		Natural gas	180		Real
Greenford Assembly Hall	Ruislip Road, Middlesex	Local government	No	Other public buildings		Natural gas	151		Real
Greenford Community Centre	170 Oldfield Lane South, Greenford	Local government	No	Sport & Leisure facilities		Natural gas	129		Real
Greenford Library	25 Oldfield Lane South, Greenford	Local government	No	Other public buildings		Natural gas	81		Real
133 Windmill Lane	133 Windmill Lane, Greenford,	Local government	No	Other public buildings		Natural gas	76		Real
Oldfield Lane	19 Oldfield Lane	Local government	No	Multi-address buildings	Central Boilers	Natural gas	39		Real
Brent Lodge	Costons Lane	Local government	No	Multi-address buildings	Central Boilers	Natural gas	1		Real*
Whiteoaks House	Whiteoaks Lane, Greenford	Local government	No	Multi-address buildings	Central Boilers	Natural gas			N/A
Greenford Broadway Public Conveniences (Tetragon)	Oldfield Lane South, Greenford,	Local government	No	Other public buildings		Natural gas			N/A
CARDINAL WISEMAN SECONDARY SCHOOL	CARDINAL WISEMAN SECONDARY SCHOOL		No	Education facilities					LDA
COSTON PRIMARY SCHOOL	COSTON PRIMARY SCHOOL		No	Education facilities					LDA
EDWARD BETHAM PRIMARY SCHOOL	EDWARD BETHAM PRIMARY SCHOOL		No	Education facilities					LDA
CENTRAL WEST	FLAT 1 320 RUISLIP ROAD EAST GREENFORD	Private	No	Multi-address buildings				69	LDA
MACMILLAN COURT	1 309 RUISLIP ROAD EAST GREENFORD	Private	No	Multi-address buildings				76	LDA
Footsteps Art Group	131-133 Windmill Lane, Greenford	Private	No	Museum and art gallery					LDA
London Motorcycle Museum	Ravenor Farm 29 Oldfield Lane South, Greenford	Private	No	Museum and art gallery					LDA
Total							**7,221**		

* Validity unclear

Focus Area 8 Park Royal

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Ramada Encore London West	4 Portal Way, London	Private	No	Hotels (> 99 units or 4,999 m2)			3,132	150	Estimate
PAR01 – Southern Gateway and Perfume Factory	Portal Way	Private	Yes	Multi-address buildings			2,262	975	Estimate
Express by Holiday Inn London Park Royal	Victoria Road, London	Private	No	Hotels (> 99 units or 4,999 m2)			2,172	104	Estimate
BBC Former Costume Srore	Victoria Road Acton London	Private	Yes	Private commercial (> 9,999 m2)			603		Estimate
BBC REHEARSAL ROOM	-	Private	No	Private commercial (> 9,999 m2)		Oil			LDA
EBBETT COURT	FLAT 1 VICTORIA ROAD LONDON	Private	No	Multi-address buildings				194	LDA
TRENTHAM COURT	FLAT 121 VICTORIA ROAD LONDON	Private	No	Multi-address buildings				203	LDA
POULTON COURT	FLAT 46 VICTORIA ROAD LONDON	Private	No	Multi-address buildings				54	LDA
Total							**8,169**		