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# **LONDON HEAT MAP STUDY FOR LONDON BOROUGH OF LEWISHAM**

## **LONDON HEAT MAP STUDY FOR LONDON BOROUGH OF LEWISHAM**

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## 1. INTRODUCTION

In February 2010, Ramboll were appointed by the London Borough of Lewisham to perform 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 the 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 and 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 development of District Energy networks in the Borough to help strengthen and consolidate current plans for such networks. 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. 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 is 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 Lewisham 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 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 what they already had. A spreadsheet of the LDA data is shown in Appendix B.

Each building row entry was populated in as many columns as possible in the spreadsheet. All the mandatory columns were completed with the exception of some postcode entries for housing estates that covered too large an area for these to be relevant.

The methodology for data gathering was to target heat demand by building type.

- Multi-address buildings
  - Gas consumption data for council-owned premises was provided to us by Peter Gibbs of Lewisham Council (NI 185 database).
  - The GLA SELCHP Report<sup>1</sup> which Ramboll co-authored includes five entries which were added to the spreadsheet.
  - Five housing associations were contacted.
    - Lewisham Homes (Martin Hayes): buildings with communal heating systems were obtained but no heat data is available.
    - Metropolitan Housing Trust (Roger Tullet): confirmed that no large schemes are present in Lewisham.
    - Affinity Sutton (Susie Ward): we are still waiting on data.
    - L&Q Group (Robin Feeley): we received no response.
    - Hyde Housing (Richard Payze); no response was received from Hyde Housing.
- Sport & leisure facilities
  - Heat consumption data was extracted from the NI 185 database
  - Additional entries were filled in from the borough's Local Land and Property Gazetteer (LLPG) database.
- Prisons: There are no prisons in the Borough.
- Hotels
  - Large hotels (> 149 bedrooms) were identified using an internet search. Gas consumption was approximated using CIBSE Guide F benchmarks.
- Education facilities
  - Gas consumption for schools and nurseries was extracted from the NI 185 database.
  - Goldsmiths University premises gas consumption was supplied to us by Peter Gibbs of Lewisham. The data is confidential.
  - Additional entries were identified in the LLPG database.
- Police stations
  - Police stations were copied from the LLPG database. LDA to provide consumption data.
- Fire stations
  - Fire stations were copied from the LLPG database. LDA to provide consumption data.
- Hospitals
  - Gas consumption data for Lewisham Hospital was obtained via the NHS website.
  - One private hospital site was identified in the LLPG database. Number of beds was recorded.
  - Gas data for Lewisham PCT sites was obtained and included in the spreadsheet.
- Museums & art galleries
  - Gas consumption data for the Horniman museum was obtained and recorded.

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<sup>1</sup> SELCHP Community Heating Scheme - Options Appraisal. Rev 3., Greater London Authority, February 2005.

- Central government estate
  - We have contacted JobCentre Plus but were told that JobCentre Plus do not own or manage their premises and that no data is available
- Local government estate
  - Data was extracted from the NI 185 database. Energy for premises with no consumption data was approximated with CIBSE Guide F benchmarks.
- Religious institutions
  - Premises were identified through the LLPG database but due to the low heat demand, no attempt to gather actual consumption figures was made.
- Private residential units (>149 units or 9,999m<sup>2</sup>)
  - Planning application data and area development plans were sent to us by the Borough. 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<sup>2</sup>)
  - 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.
  - 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 (for their London sites in Acton, Camberwell, Peckham, Queensbury, Southwark, and Streatham) 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 contacted due to time constraints.

### **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 Lewisham. 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<sup>2</sup>/annum (Cibse F table 20.1 Offices, Air conditioned, prestige)
- Assuming 67 kWh/m<sup>2</sup>/annum (80% of 2006 Part L Benchmark for Office)
- Assuming 80 m<sup>2</sup>/unit (80% of 2006 Part L Benchmark for Residential)
- Assuming 47 kWh/m<sup>2</sup>/annum (80% of 2006 Part L Benchmark for Residential)
- Assuming 58 m<sup>2</sup>/unit and 47 kWh/m<sup>2</sup>/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.

### Heat Sources

- Industrial Heat Map website: No records of heat source
- LEP database: 2 entries - SELCHP and Phase III Former Bell Green Works. These were added into the spreadsheet.
- Eionet Large Combustion Plant Database: No records in Lewisham.
- DECC CHP Database: No records in Lewisham.
- OFGEM CHP Database: No records in Lewisham.

### District Heating Networks

The LEP database lists four community heating schemes:

- |                                      |                               |
|--------------------------------------|-------------------------------|
| • 1-41 Leander Court, Ship Street:   | No further detail             |
| • Lewisham Gateway:                  | Listed as "Constructed"       |
| • Phase III Former Bell Green Works: | Listed as "Proposed" for 2008 |
| • SELCHP:                            | Listed as "Constructed"       |

The information from the LEP database would appear to be unreliable since no network currently exists for SELCHP and Lewisham Gateway has planning permission but nothing has as yet been built. Ramboll are not aware of any national database that records specific information on the existence and extent of heat networks.

The Borough kindly informed Ramboll that planning permission has been granted for a mini-network serving a new leisure centre, housing and the adjoining existing/future school at Loampit Vale in Lewisham Town Centre. The scheme, we understand, is currently being built.

The raw data gathered by Ramboll for the heat map study is included in Appendix A. The existing LDA data included in the heat map is included in Appendix B.

## 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. A priority list was provided to Ramboll in the project brief. 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 Valuation Office (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 database but which was not made available to Ramboll.
- Estimated data, as noted in the spreadsheet, may differ from actual consumption depending on, e.g. building fabric, occupancy patterns, actual building performance.
- 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. SELCHP Power station was identified as the major heat source in the borough. Many of the proposed developments plan to utilise CHP and communal heating systems. Excess heat from these CHP systems may be available for export to a future network.
- There was an expectation the LDA would provide information from the VOA covering commercial buildings, but at the time of completing the report this data had not been made available to Ramboll. Consequently a number of buildings have not been identified or included in the heat analysis and will need to be added in later.
- The LDA provided data was from a previous study, so some of the buildings, by definition, would not be considered as "priority buildings".
- Police stations and TfL data to be collected by the LDA was not available in the timescales of the project.
- 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 next stage of the project was to analysis heat maps produced by the LDA based on the data collected.

599 buildings (including those buildings identified by the LDA) were 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. To further clarify the size of the dot indicates the magnitude of energy consumption, i.e. the larger the dot the larger the heat demand.

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

- Private: Private residential, private commercial, hotels, education, 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 consists of data primarily received from the LDA

The heat demand maps also shows the major supply plants and/or a potential new network or development with CHP will be by a triangle ( $\Delta$ ), and/or by the outline of a proposed network.

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 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. The breakdown of the heat demand data for each region is given in Appendix C.

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 regions, therefore, are not geographically the same size and the number of buildings also varies within each of the outlined regions. The quantitative heat demand assessment results are presented in Table 1.

<b>Larger Regions</b>	<b>Estimated heat consumption (MWh/yr) [based on available data only]</b>
1. Deptford	75,350
2. Lewisham	19,011
3. Honor Oak Park	45,521
4. Hither Green	3,444
5. Catford	20,911
6. Bell Green	17,776
<b>TOTAL HEAT DEMAND</b>	<b>182,012</b>

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

The table summarises all the existing and proposed buildings identified from this work and from the current LDA database. There are many more buildings that fall outside the priority list but are worthy of inclusion in any future heat network viability and design. The above figures, therefore, are a significant underestimation of the total amount of heat available within the Borough. It must be noted, however, that not all of this potential load will ever be a viable opportunity.

Appendix C has the more detailed list of the buildings, identified in this work and from the LDA database, within each region and their heat demand. From this, priority buildings with no heat data can be seen. These should be a future target for obtaining heat demand data.

### **3.2 Criteria for creating clusters (Focus Areas)**

Clusters need to be developed based on 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 otherwise have to "dump" this 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 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 the borough has been divided into district heating regions to facilitate the management of future network development, the immediate step is 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 the smaller heat users. 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.

These Focus Areas are shown in Appendix 5 and described below, Table 2 below summarises their estimated heat demands for each focus area:

- 1. Deptford/New Cross:** This is a high priority area. First, the area is in proximity of SELCHP, which could supply waste heat into the network. Secondly, there is a large number of existing and proposed development sites which, if connected, will largely increase the viability of the network:
  - Convoys Wharf (3,500 new homes)
  - Oxestalls Road/Deptford Wharfes (1,100 – 1,200 new homes)
  - Cannon Wharf (665 new homes)
  - Marine Wharf (527 new homes)
  - Surrey Canal Road (2,700 new homes)
  - Grinstead Road (160 new homes)
  - Arklow Road (200 new homes)
  - Kent and Sun Wharves (300 new homes)
  - Deptford Town Centre

- Sainsbury's Site (200 new homes)
- NDC Centre (173 new homes)
- Pepys Estate
- Silwood Estate (146 new homes)
- Neptune Wharf

Moreover, the New Cross Gate Area is home to Goldsmiths College which has, in its 2010 Masterplan, plans to provide a sustainable estate. This could provide a large and ideal start up load for a potential network and is illustrated thus in Section 5. Finally, a number of high-rise housing estates south of the A2 road can also provide a steady heat load for this network. This Focus Area should be looked at as a cross-borough opportunity with Southwark and Greenwich.

Within this Focus Area 178 buildings/connections have been identified. Each of the housing developments above is considered as one heat load or one connection.

- 2. Central Lewisham:** The Lewisham Town Centre is earmarked as a major regeneration area in the borough. The two main development areas are Lewisham Gateway, a mixed-use project providing up to 800 new homes and Loampit Vale, a scheme of eight buildings ranging in height from 5 to 24 storeys incorporating a new leisure centre with an 8-lane swimming pool, 788 new homes, commercial units, and various community facilities. Both developments list CHP and community heating as the preferred servicing strategy. Other developments that can benefit from a potential network are Cornington Road (462 apartments), Lee High Road, as well as existing Lewisham Bridge Primary School.

Within this Focus Area 11 buildings/connections have been identified.

- 3. Hither Green:** This is an area with a concentration of residential blocks along with Hither Green Primary School, which may warrant the establishment of a small community heating network. In general, the heat load density would appear to be relatively low though.

Within this Focus Area 13 buildings/connections have been identified.

- 4. Catford/Lewisham Hospital:** This area could benefit from a network built around Lewisham Hospital and Lewisham Town Hall as the anchor loads. Other major consumers in this Focus Area are the Catford Greyhound Stadium development, Broadway Theatre, Ladywell Leisure Centre, Lewisham Shopping Centre, as well as Malling, Bredgar and Kemsley Residential Towers.

Within this Focus Area 46 buildings/connections have been identified.

- 5. Sydenham:** This is a relatively low heat density area, however there are a number of larger heat consumers which could be linked together. A network could serve the Hive Hotel as the anchor load and link Sydenham School with residential estates along Dartmouth Road, Wells Park Road and up to estates around Shackleton Close to the north. The network could perhaps extend westward as far as Sydenham Hill.

Within this Focus Area 24 buildings/connections have been identified.

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

<b>Focus Area</b>	<b>Estimated heat consumption (MWh/yr)</b>
1. Deptford/New Cross	65,283
2. Central Lewisham	9,874
3. Hither Green	1,523
4. Catford/Lewisham Hospital	38,222
5. Sydenham	4,382
<b>TOTAL HEAT DEMAND</b>	<b>119,284</b>

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

The buildings for each focus area are listed in Appendix D. This list also identifies existing and new homes.

## **4. IMPLEMENTATION PLAN**

### **4.1 Focus areas**

Having identified Focus Areas where a heat network may be able to be created, we have extracted the building heat demand data within each Focus Area and tabulated the information in Appendix D.

The data in the Focus Area tables (Appendix D) is 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 tabulates the Implementation Plan with respect to each Focus Area.

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

The Deptford / New Cross Focus Area extend westward into Southwark where there is a high concentration of existing and planned developments. The concurrent Southwark Heat Mapping Study has identified this area as the "Canada Water" Focus Area. There are also a number of large properties in Greenwich along the A2 road, which could be connected to the Deptford / New Cross network. This cross-borough opportunity has been studied in more detail in the GLA SELCHP Report<sup>2</sup>. This report explores the various options of utilising waste heat from SELCHP. Ultimately, three branches are proposed to serve clusters in the London Boroughs of Southwark, Lewisham, and Lambeth. Although many of the report's findings still hold, several new developments have come into plans since its issue in early 2005. Moreover, the likely introduction of a Renewable Heat Incentive may improve the economics of the system, as it will depend on the detailed outline of the incentive.

# 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 fossil fuel 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, or industrial process heating.

Conventionally the heat demand in a DH system is met by waste heat from power stations and Energy from Waste 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 heat production plant, 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.

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 is 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.

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<sup>2</sup> SELCHP Community Heating Scheme - Options Appraisal. Rev 3., Greater London Authority, February 2005.

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 to in broad terms 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 Sample district heating network outline**

As part of the heat map study work, Ramboll has outlined an example of a heat network in New Cross, a sub-area of the "Deptford / New Cross" Focus Area. This sample network is outlined in Appendix 6 and shown schematically in section 5.3 below (including preliminary pipe dimensions). This network was chosen as a manageable sized network which could be developed for the potential for later receiving heat from SELCHP.

### **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 90°C and the cooling of the district heating water, which could also be expressed as the delta ( $\Delta$ ) T through all consumer installations, chosen as 40°C (meaning that the consumers return the district heating water at or below 50° C). A  $\Delta T$  of 40°C at a flow temperature of 90°C is normally a very cost effective option to minimise construction costs of district heating networks while still meeting the standard heating design temperatures within existing 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 Table 2 are turned into heat loads using a yearly utilisation time of 2,250 hrs per annum taking diversification in the system into account.

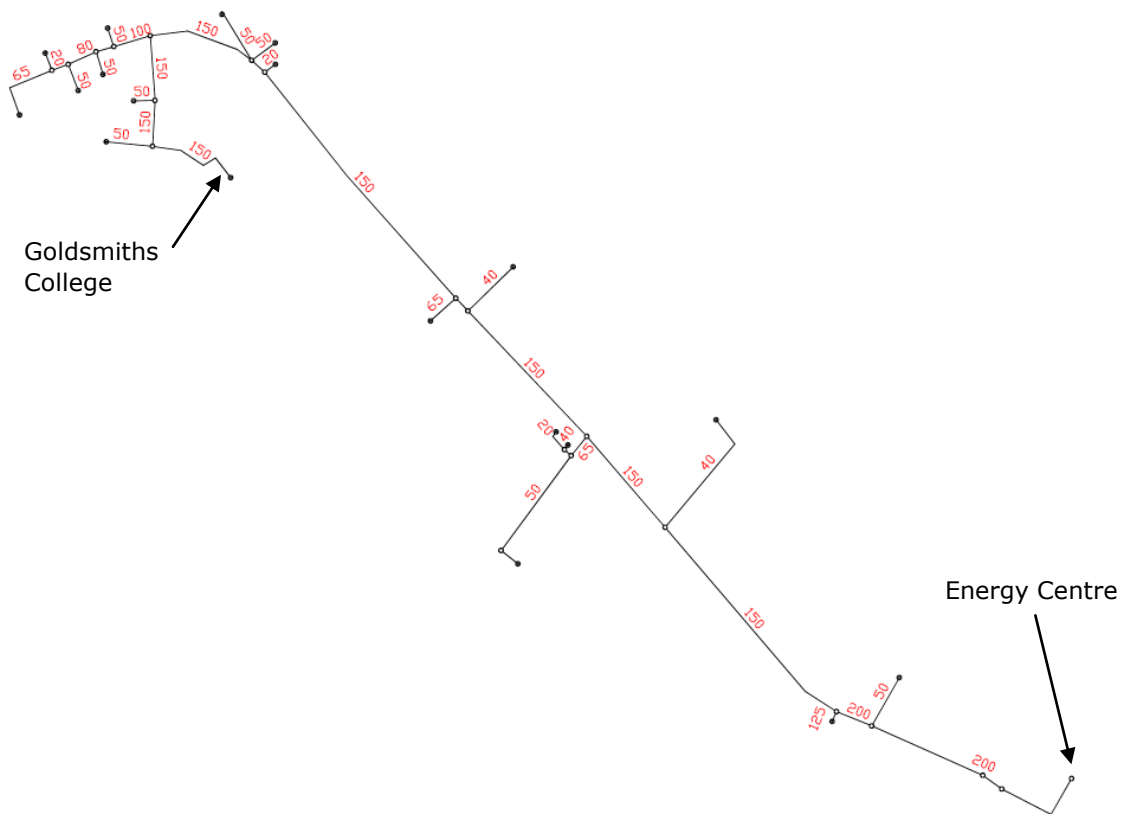
The rounded heat demands and network heat loads for the scheme are shown in Table 3.

Modelled Area	Estimated heat consumption (MWh/yr)	Max. Heat Load (MW)
Part of focus area 1, New Cross 19 consumers	18,800 MWh	8.4 MW

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

### 5.1.3 Network layout

A network layout showing the proposed nominal diameters is shown below and in Appendix 6.1:



The total length of the network is approximately 2.65 km. The largest pipe dimension is DN200. In this example the Energy Centre has been located in the south-east corner of the network. If Goldsmith’s College was to be a significant player and the Energy Centre located at the college, the cost of the network could reduce.

### 5.1.4 Heat loss from the network

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 130 kW which gives a heat loss of about 950 MWh per annum.

### **5.1.5 District heating main network cost estimate**

The New Cross network costs have been estimated at £3.2 million. This cost is an estimation based upon an average cost per linear metre of installing a flow and return pipe in a suitable trench. The cost includes for the mechanical and civil engineering works. The unit cost basis differs for each of the pipe sizes identified in the network and for the type of ground that the pipe is installed in, e.g. road, verge, grassland. This cost, however, excludes the cost of the energy centre and any modifications and/or equipment required by buildings to connect to the heat network.

### **5.1.6 Comments on the network**

The network indicated has been enclosed as an example of connecting a number of buildings within a Focus Area. The Focus Areas are to some extent indicative and a network does not necessarily have to consist of the precise number of buildings. The outlined network is relatively large, in UK terms, both in respect to the length and heat demand being met. Although as mentioned earlier, there is potential for a much larger network in this area.

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 a very rough estimates 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<sup>3</sup>.

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 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

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<sup>3</sup> 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.

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.

The issues listed broadly cover what Ramboll would expect at this early stage of the project process of establishing district heating networks. It is likely that there are areas that the council is already covering fully or partly and so the list of issues can be used as a check list and pointer as to establish if the borough is moving in the right direction.

### **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 – and 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 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.

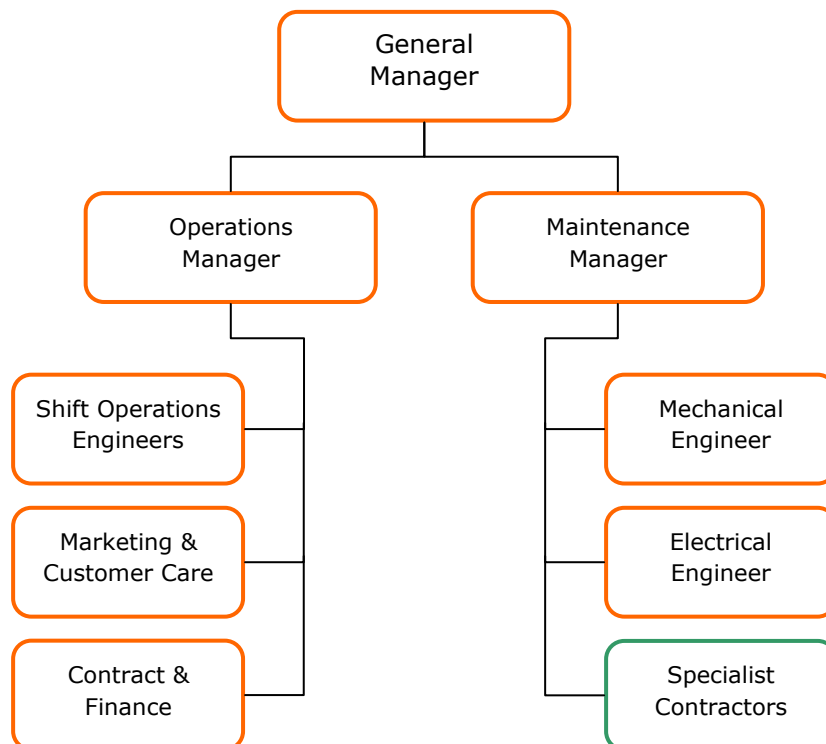


Figure 2: Typical organisational structure.

A General Manager will be required to provide the company figurehead and 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, being 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 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<sup>3</sup> 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 systems 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.

Five Focus Areas were identified in this study and ranked in the following order;

1. Deptford / New Cross – High
2. Central Lewisham - High
  
3. Hither Green – Medium
4. Catford / Lewisham Hospital – Medium
  
5. Sydenham - Low

The heat network proposals for the Borough of Lewisham 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 potential district heating networks within the focus areas 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.

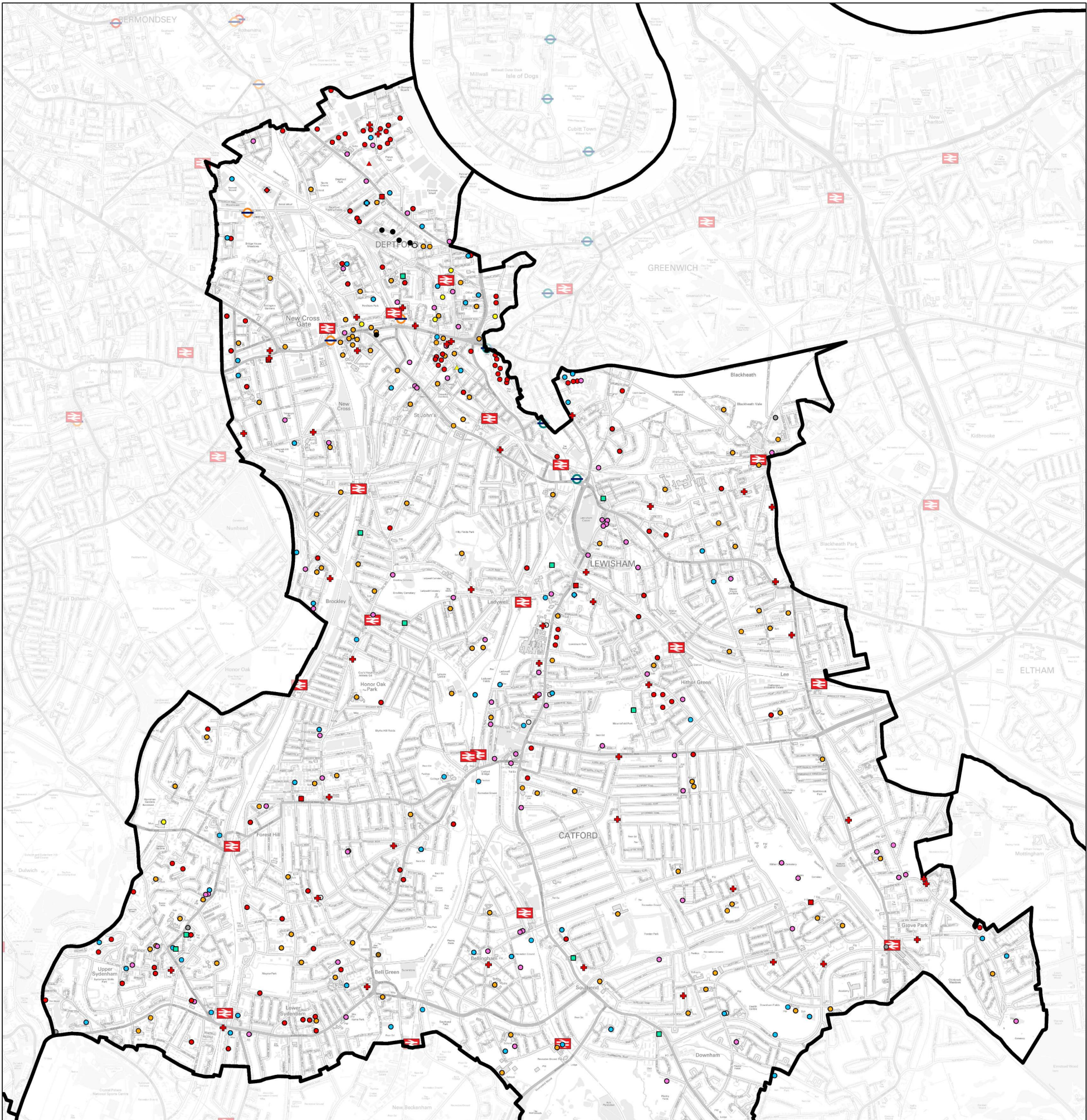
Ramboll would recommend that;

- 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.

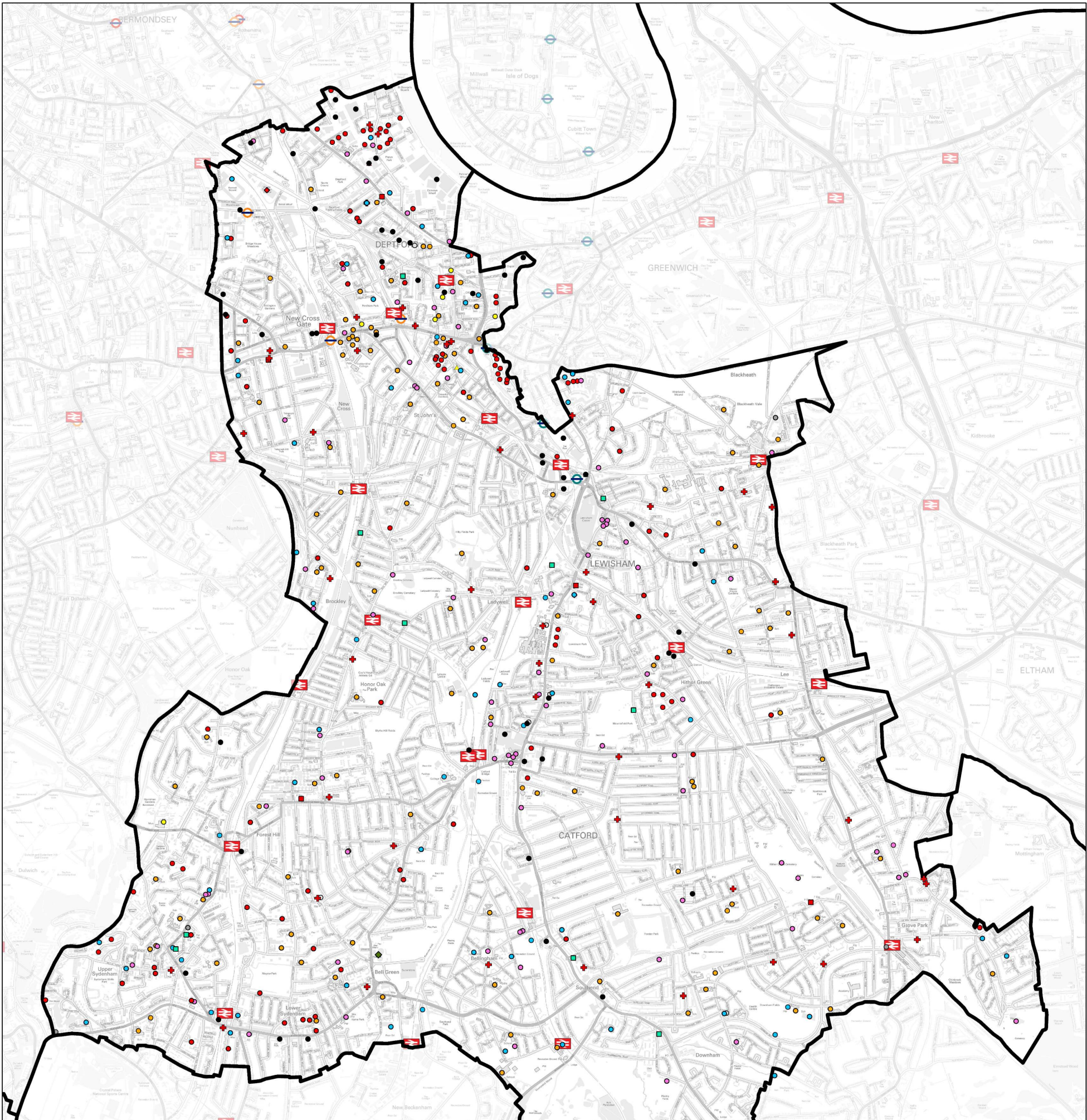
The project process can be listed as below, what is included within the different stages will depend on time and budget available but it is important to the success of the scheme that it is planned and investigated thoroughly.

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



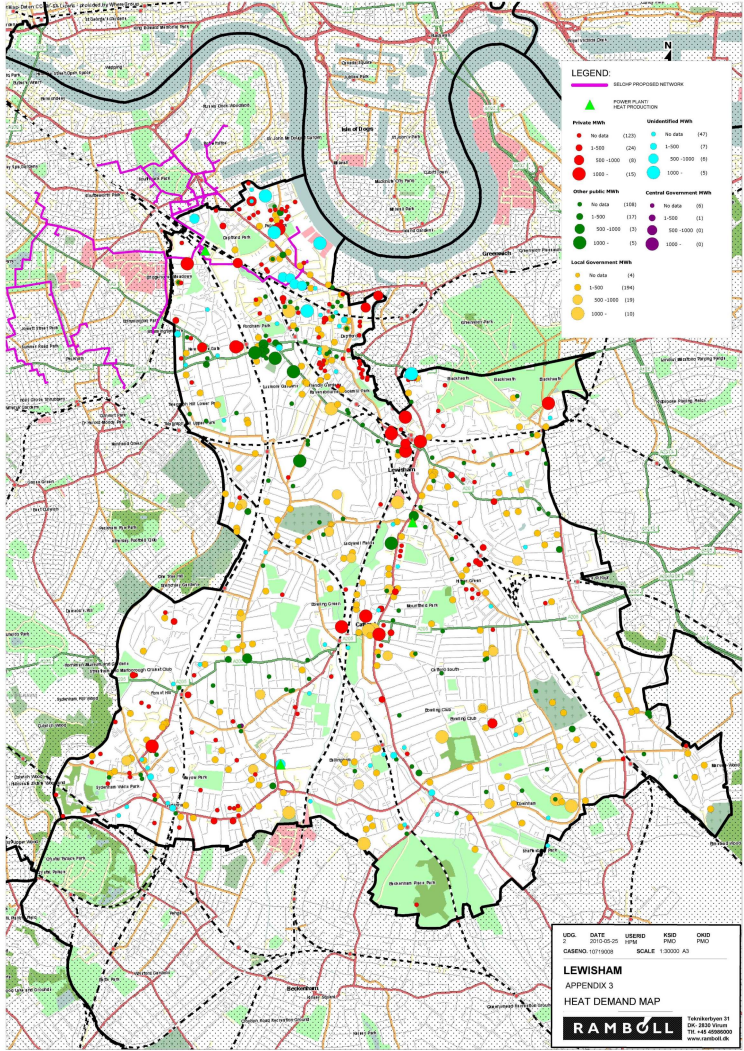
**Legend**

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



**Legend**

● 2.1.2.1 Multi-Address buildings (>=49 per building)	◆ 2.2.1 EU ETS sites
● 2.1.2.2 Sport & Leisure Facilities	◆ 2.2.2 CHP Sites
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● 2.1.2.14 Private Commercial (>=9,999 m2)	— Other Network
● 2.1.2.15 Other Public Buildings	▲ Other Supply



**LEGEND:**

**SELDIP PROPOSED NETWORK**  
 SELDIP PROPOSED NETWORK

**POWER PLANT: HEAT PRODUCTION**

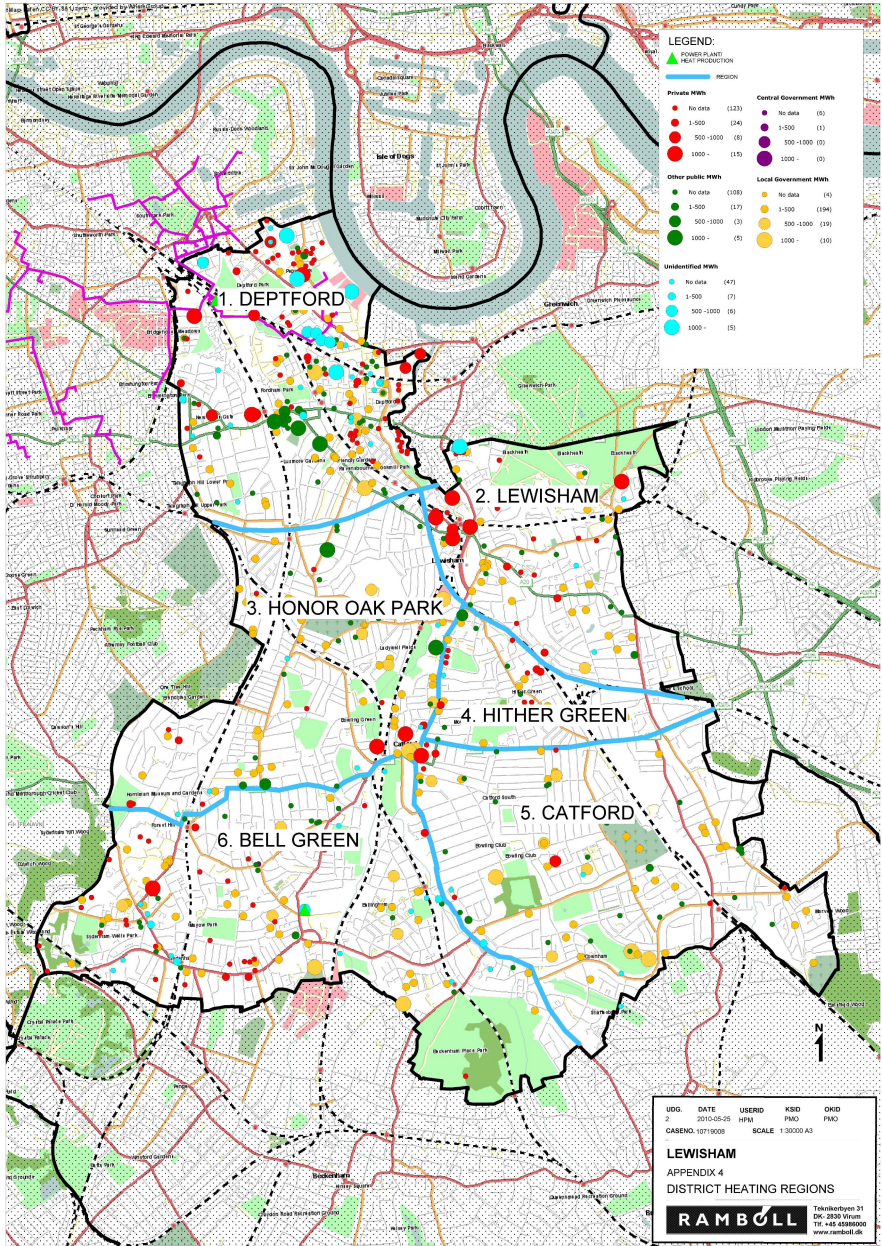
<b>Private MWH</b>	<b>Unidentified MWH</b>
No data (125)	No data (47)
1-500 (24)	1-500 (7)
500-1000 (6)	500-1000 (8)
1000+ (15)	1000+ (5)
<b>Other public MWH</b>	<b>Central Government MWH</b>
No data (108)	No data (0)
1-500 (37)	1-500 (1)
500-1000 (3)	500-1000 (0)
1000+ (5)	1000+ (0)
<b>Local Government MWH</b>	
No data (4)	
1-500 (194)	
500-1000 (18)	
1000+ (18)	

DEG.	DATE	USERID	KWD	DMD
2	2010-05-25	19514	PMO	PMO
CASENO:	10719008	SCALE:	1:30000 A3	

**LEWISHAM**  
 APPENDIX 3  
 HEAT DEMAND MAP

**RAMBOLL**

Tekniskenter 21  
 DK-2650 Solrød  
 TEL: +45 46990000  
 www.ramboll.dk



**LEGEND:**

▲ POWER PLANT  
▲ HEAT PRODUCTION

— REGION

<b>Private MHW</b>	<b>Central Government MHW</b>
● No data (123)	● No data (6)
● 1-500 (24)	● 1-500 (1)
● 500-1000 (8)	● 500-1000 (0)
● 1000 - (115)	● 1000 - (0)
<b>Other public MHW</b>	<b>Local Government MHW</b>
● No data (108)	● No data (4)
● 1-500 (17)	● 1-500 (194)
● 500-1000 (3)	● 500-1000 (19)
● 1000 - (5)	● 1000 - (16)
<b>Undertified MHW</b>	
● No data (47)	
● 1-500 (7)	
● 500-1000 (6)	
● 1000 - (5)	

UDG: DATE USERID KSID OKID  
 2 2023-05-25 HPU PMSZ PMSZ  
 CASENO 10719008 SCALE 1:30000 A3

**LEWISHAM**  
 APPENDIX 4  
 DISTRICT HEATING REGIONS

**RAMBOLL**

Teknikendym 31  
 DK-2820 Vester  
 TH +45 45956000  
 www.ramboll.dk

## 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.

London Borough of Brent does not use OS Address-Point. So we have used their Local Land and Property Gazetteer (LLPG) database.



535.910	176.126	TELEGRAPH HILL CENTRE GROUP	KITTO ROAD	SE14 5TY	No	port & Leisure facilities														LLPG	No		
537.043	177.366	COMMUNITY CENTRE	ROCHDALE WAY	SE8 4LY	No	port & Leisure facilities														LLPG	No		
537.225	176.699	LEANDER COMMUNITY CENTRE	SHIP STREET	SE8 4DH	No	port & Leisure facilities														LLPG	No		
538.048	176.648	COMMUNITY HEALTH	SPARTA STREET	SE10 8DO	No	port & Leisure facilities														LLPG	No		
538.048	176.648	COMMUNITY HEALTH	SOMERVILLE DAY NURSERY	SE10 8DO	No	port & Leisure facilities														LLPG	No		
539.708	171.127	BROMLEY DOWNHAM YOUTH COMMU	41 VALESWOOD ROAD	BR1 4RF	No	port & Leisure facilities														LLPG	No		
<b>TOTAL</b>								<b>8,013</b>	<b>0</b>	<b>12,309</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

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 <sup>2</sup> )	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	Comment / Assumption
539715	176327		The Clarendon Hotel	Montpelier Row, Blackheath Village, London	SE3 ORW	Private	No	(> 99 units or 4,999 m2)			3862.8		10,730	185									Expedia	No		Assuming 58 m2/bedroom and 360 kWh/m2/annum (CIBSE F Table 20.1 Hotel Small)
	172296		Hive Hotel	185 Dartmouth Road, London	SE26 4RQ	Private	No	(> 99 units or 4,999 m2)			2610		7,250	125									Expedia	No		Assuming 58 m2/bedroom and 360 kWh/m2/annum (CIBSE F Table 20.1 Hotel Small)
<b>TOTAL</b>											#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	-	-	-	-	-	-	-	

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 <sup>2</sup> )	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	Comment / Assumption
	178703		Cannon Wharf		SE16		Yes	Education facilities															Application Number: DC/08/68523	No		
537321	177308		Giffin Street Regeneration Area	Giffin Street, London	SE8		Yes	Education facilities															Application Number: DC/10/73650/ET	No		
537403	174510		Ladywell Day Centre	148 DRESSINGTON AVENUE	SE4 1JF	Local government	No	Education facilities		Natural gas	822.361		2,601							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,051	177,132		Compass Day Centre	32 34 WATSON'S STREET	SE8 4AU	Local government	No	Education facilities		Natural gas	79.445		385							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
539583	175952		Independents Day Centre	INDEPENDENTS ROAD	SE3 9LF	Local government	No	Education facilities		Natural gas	15.339		544							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536083	171560		Rotary Day Centre	6 7 ADDINGTON GROVE	SE26 4JT	Local government	No	Education facilities			88.646		254										NI 185	No		Assuming 349 kWh/m2/annum (CIBSE Guide F Table 20.1 - day centres)
536,338	172,903		KILMORIE	KILMORIE ROAD	SE23 2SP	Local government	No	Education facilities		Natural gas	781.755		2,052							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,175	176,833		mornington decant	MORNINGTON ROAD	SE8 4DJ	Local government	No	Education facilities		Natural gas	271.619		2,944							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
539,816	174,783		Abbey Manor College Lee (Broadoak)	40 FALMOUTH CLOSE	SE12 8PJ	Local government	No	Education facilities		Natural gas	271.402		1,841							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,563	178,027		CLYDE	ALVERTON STREET	SE8 5NH	Local government	No	Education facilities		Natural gas	215.517		1,395							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,316	174,504		Abbey Manor College Ladywell (John Evelyn Education Centre)	15 DRESSINGTON AVENUE	SE4 1JQ	Local government	No	Education facilities		Natural gas	115.495		642							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,101	176,814		Lewisham Supplementary Schools & Heritage Language Consortium	82 TANNERS HILL	SE8 4PN	Local government	No	Education facilities		Natural gas	3.718		26							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,830	173,359		RUSHEY GREEN	CULVERLEY ROAD	SE6 2LA	Local government	No	Education facilities		Natural gas	804.658		2,641							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,143	174,818		GORDONBROCK	GORDONBROCK ROAD	SE4 1JB	Local government	No	Education facilities		Natural gas	655.19		2,860							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
539,371	172,482		FORSTER PARK	BOUNDFIELD ROAD	SE6 1PQ	Local government	No	Education facilities		Natural gas	631.719		4,352							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
539,350	174,478		LEE MANOR	LEAHURST ROAD	SE13 5LS	Local government	No	Education facilities		Natural gas	628.722		2,942							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
538,945	172,742		TORRIDON INF	TORRIDON ROAD	SE6 1TG	Local government	No	Education facilities		Natural gas	614.167		1,395							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,124	175,140		TURNHAM	TURNHAM ROAD	SE4 2HH	Local government	No	Education facilities		Natural gas	610.149		2,733							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,494	171,845		ELFRIDA	ELFRIDA CRESCENT	SE6 3EN	Local government	No	Education facilities		Natural gas	598.935		3,066							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,254	172,024		ADAMSRILL	ADAMSRILL ROAD	SE26 4AQ	Local government	No	Education facilities		Natural gas	562.242		2,759							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
539,069	173,412		SANDHURST INF	MINARD ROAD	SE6 1NS	Local government	No	Education facilities		Natural gas	538.086		1,447							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
534,768	172,126		KELVIN GROVE	KELVIN GROVE	SE26 6BB	Local government	No	Education facilities		Natural gas	502.826		2,871							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,086	175,563		MEADOWGATE	REVELON ROAD	SE4 2PR	Local government	No	Education facilities		Natural gas	486.157		1,615							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,954	175,718		LEWISHAM BRIDGE	ELMIRA STREET	SE13 7BN	Local government	No	Education facilities		Natural gas	484.323		3,003							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,827	176,434		MYATT GARDENS	ROKEBY ROAD	SE4 1DF	Local government	No	Education facilities		Natural gas	483.733		2,674							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,315	177,101		CHILDERIC	CHILDERIC ROAD	SE14 6DG	Local government	No	Education facilities		Natural gas	482.816		2,944							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,402	174,119		STILLNESS INF	BROCKLEY RISE	SE23 1NH	Local government	No	Education facilities		Natural gas	479.924		1,327							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
538,752	174,369		HITHER GREEN	BEACON ROAD	SE13 6EH	Local government	No	Education facilities		Natural gas	449.181		4,974							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,327	178,410		DEPTFORD PARK	EVELYN STREET	SE8 5RJ	Local government	No	Education facilities		Natural gas	436.733		4,203							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,543	174,956		BROCKLEY	BROCKLEY ROAD	SE4 2BT	Local government	No	Education facilities		Natural gas	425.386		2,585							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
539,238	171,938		NEW WOODLANDS SPECIAL	49 SHROFFOLD ROAD	BR1 5PD	Local government	No	Education facilities		Natural gas	417.708		2,547							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
540,149	171,654		LAUNCELOT	LAUNCELOT ROAD	BR1 5EA	Local government	No	Education facilities		Natural gas	415.746		2,540							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,828	173,191		RATHFERN	RATHFERN ROAD	SE6 4NL	Local government	No	Education facilities		Natural gas	410.108		2,448							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
540,545	172,843		COOPERS LANE	PRAGNELL ROAD	SE12 0LF	Local government	No	Education facilities		Natural gas	400.263		2,849							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
535,632	176,449		EDMUND WALLER	WALLER ROAD	SE14 5LY	Local government	No	Education facilities		Natural gas	390.287		3,435							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,465	173,958		HOLBEACH	DOGGETT ROAD	SE6 4OB	Local government	No	Education facilities		Natural gas	370.805		3,074							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,607	171,749		HASELTINE	HASELTINE ROAD	SE26 5AD	Local government	No	Education facilities		Natural gas	364.585		3,362							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
539,752	173,994		ST WINIFREDS JRS	26 NEWSTEAD ROAD	SE12 0SY	Local government	No	Education facilities		Natural gas	340.299		1,357							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
539,376	176,050		JOHN BALL	SOUTHVALE ROAD	SE3 0TP	Local government	No	Education facilities		Natural gas	335.449		2,556							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
539,874	171,640		GOOD SHEPHERD	MOORSIDE ROAD	BR1 5EP	Local government	No	Education facilities		Natural gas	332.924		1,523							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
534,966	173,414		HORNIMAN	HORNIMAN DRIVE	SE23 3BP	Local government	No	Education facilities		Natural gas	332.72		1,371							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
534,813	172,681		ELIOT BANK	THORPEWOOD AVENUE	SE26 4BU	Local government	No	Education facilities		Natural gas	320.357		2,551							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,930	177,681		GRINLING GIBBONS	CLYDE STREET	SE8 5LW	Local government	No	Education facilities		Natural gas	305.005		1,922							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
535,885	172,244		OUR LADY & PHILLIP NERI	MAYOW ROAD	SE23 2XG	Local government	No	Education facilities		Natural gas	276.685		1,890							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
540,245	172,313		MERLIN	72 BALLAMORE ROAD	BR1 5PQ	Local government	No	Education facilities		Natural gas	272.275		2,041							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
541,432	171,932		MARVELS LANE	RIDDONS ROAD	SE12 9RA	Local government	No	Education facilities		Natural gas	270.359		2,197							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
539,405	171,393		RANGEFIELD	LEWISHAM PORTAGE PROJECT, RANGEFIELD ROAD	BR1 4RP	Local government	No	Education facilities		Natural gas	266.759		2,431							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,233	171,903		ST MICHAELS	CHAMPION ROAD	SE26 4HH	Local government	No	Education facilities		Natural gas	255.311		1,590							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,350	177,206		TIDEMILL	FRANKHAM STREET	SE8 4RN	Local government	No	Education facilities		Natural gas	251.643		2,702							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,277	175,737		JOHN STAINER	ST ASAPH ROAD	SE4 2DY	Local government	No	Education facilities		Natural gas	241.726		1,920							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,993	174,760		ST MARYS	LEWISHAM HIGH STREET	SE13 6NX	Local government	No	Education facilities		Natural gas	240.17		1,434							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,294	176,489		ST STEPHENS	ALBYN ROAD	SE8 4ED	Local government	No	Education facilities		Natural gas	235.688		1,959							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
			CHRISTCHURCH	71-87 PERRY VALE	SE23 2NE	Local government	No	Education facilities		Natural gas	232.067		1,389							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,042	176,596		LUCAS VALE	THORNVILLE STREET	SE8 4QB	Local government	No	Education facilities		Natural gas	230.298															

536,070	173,436		DALMAIN	GROVE CLOSE	SE23 1AS	Local government	No	Education facilities	Natural gas	208,225		2,175								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
536,041	178,131		SIR FRANCIS DRAKE	SCAWEN ROAD	SE8 5AE	Local government	No	Education facilities	Natural gas	204,205		1,241									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
540,086	173,628		BARING	LINCHMERE ROAD	SE12 0NB	Local government	No	Education facilities	Natural gas	201,609		1,316									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
539,396	175,309		ST MARGARETS LEE	LEE CHURCH STREET	SE13 5SG	Local government	No	Education facilities	Natural gas	180,298		1,520									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536,245	173,498		ST WILLIAM OF YORK	BROCKLEY PARK	SE23 1PS	Local government	No	Education facilities	Natural gas	169,535		1,265									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
539,672	174,662		BRINDISHE	WANTAGE ROAD	SE12 8NA	Local government	No	Education facilities	Natural gas	159,246		1,388									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
538,324	175,333		ST SAVIOURS	173 LEWISHAM HIGH STREET	SE13 6AL	Local government	No	Education facilities	Natural gas	155,712		1,224									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
535,468	176,916		KENDER	KENDER STREET	SE14 5JA	Local government	No	Education facilities	Natural gas	136,475		1,496									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536,087	175,107		CHELWOOD	CHELWOOD WALK	SE4 2OQ	Local government	No	Education facilities	Natural gas	132,107		635									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
535,860	172,698		PERRYMOUNT	SUNDERLAND ROAD	SE23 2PX	Local government	No	Education facilities	Natural gas	130,766		1,673									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
539,305	176,390		ALL SAINTS	BLACKHEATH VALE	SE3 0TX	Local government	No	Education facilities	Natural gas	129,688		872									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536,414	175,169		ST MARY MAGDELEN	HOWSON ROAD	SE4 2BB	Local government	No	Education facilities	Natural gas	128,169		1,181									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536,293	176,821		ST JAMES HATCHAM	4 ST JAMES'S	SE14 6AD	Local government	No	Education facilities	Natural gas	121,768		1,335									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
537,987	171,349		ST AUGUSTINES	DUNFIELD ROAD	SE6 3RD	Local government	No	Education facilities	Natural gas	117,949		1,077									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
538,126	173,375		HOLY CROSS	CULVERLEY ROAD	SE6 2LD	Local government	No	Education facilities	Natural gas	106,164		1,359									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
539,752	173,994		ST WINIFREDS INF	26 NEWSTEAD ROAD	SE12 0SY	Local government	No	Education facilities	Natural gas	90,83		645									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
535,188	172,518		HOLY TRINITY	DARTMOUTH ROAD	SE23 3HZ	Local government	No	Education facilities	Natural gas	65,665		968									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
535,296	172,015		ST BARTS	ST BARTHOLOMEW'S CLOSE	SE26 4LJ	Local government	No	Education facilities	Natural gas	64,242		1,569									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
537,244	176,314		ASHMEADsch/nursery	ASHMEAD ROAD	SE8 4DX	Local government	No	Education facilities		348,302		998												NI 185	No	Assuming 349 kWh/m2/annum (CIBSE Guide F Table 20.1 - day centres)
539,055	173,451		SANDHURST JRS	MINARD ROAD	SE6 1NW	Local government	No	Education facilities		328,38704		2,002												NI 185	No	Assuming 164 kWh/m2/annum (CIBSE Guide F Table 20.1 - primary education)
536,402	174,119		STILLNESS JRS	BROCKLEY RISE	SE23 1NH	Local government	No	Education facilities		353,91036		2,158												NI 185	No	Assuming 164 kWh/m2/annum (CIBSE Guide F Table 20.1 - primary education)
538,945	172,742		TORRIDON JRS	TORRIDON ROAD	SE6 1TG	Local government	No	Education facilities		306,2044		1,867												NI 185	No	Assuming 164 kWh/m2/annum (CIBSE Guide F Table 20.1 - primary education)
537,552	171,150		SEDGEHILL	SEDGEHILL ROAD	SE6 3QW	Local government	No	Education facilities	Natural gas	2461,638		17,128									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
538,468	172,405		CATFORD HIGH	CONISBOROUGH CRESCENT	SE6 2PS	Local government	No	Education facilities	Natural gas	1672,913		8,847									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536,675	177,410		DEPTFORD GREEN MAIN SITE	AMERSHAM VALE	SE14 6LO	Local government	No	Education facilities	Natural gas	1222,868		11,933									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
539,024	171,621		BONUS PASTOR	WINLATON ROAD	BR1 5PZ	Local government	No	Education facilities	Natural gas	928,875		6,357									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
537,234	175,255		PRENDERGAST	ADELAIDE AVENUE	SE4 1LE	Local government	No	Education facilities	Natural gas	693,873		6,570									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
537,087	176,953		ADDEY & STANHOPE	472 NEW CROSS ROAD	SE14 6TJ	Local government	No	Education facilities	Natural gas	563,979		6,378									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536,192	176,093		CROSSWAYS ACADEMY	SPRULES ROAD	SE4 2NL	Local government	No	Education facilities	Natural gas	442,824		3,075									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536,430	177,325		DEPTFORD GREEN ANNEX	ANGUS STREET	SE14 6LU	Local government	No	Education facilities	Natural gas	428,787		3,624									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
535,807	172,136		FOREST HILL	DACRES ROAD	SE23 2XN	Local government	No	Education facilities	Natural gas	389,938		10,058									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
540,047	172,372		Pendragon	PENDRAGON ROAD	BR1 5LD	Local government	No	Education facilities	Natural gas	369,061		2,238									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
535,965	172,022		BRENT KNOLL SPECIAL	MAYOW ROAD	SE23 2XH	Local government	No	Education facilities	Natural gas	349,097		2,409									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
537,154	174,148		CROFTON	MANWOOD ROAD	SE4 1SA	Local government	No	Education facilities	Natural gas	320,696		8,000									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
535,005	172,368		SYDENHAM	ROOF LEVEL 5648, DARTMOUTH ROAD	SE26 4RD	Local government	No	Education facilities	Natural gas	253,498		2,693									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
539,585	174,801		Northbrook	TAUNTON ROAD	SE12 8PD	Local government	No	Education facilities	Natural gas	86,212		3,694									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
537,455	172,415		ATHELNEY	ATHELNEY STREET	SE6 3LD	Local government	No	Education facilities	Natural gas	637,183		3,078									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
539,164	171,810		DOWNDERRY	DOWNDERRY ROAD	BR1 5QL	Local government	No	Education facilities	Natural gas	499,021		2,713									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
537,621	171,450		WATERGATE SPECIAL SCHOOL	LUSHINGTON ROAD	SE6 3WG	Local government	No	Education facilities	Natural gas	495,179											2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536370	172177		Greenvale PERRY RISE	69 PERRY RISE	SE23 2QU	Local government	No	Education facilities	Natural gas	68,799		1,154									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
538,842	175,760		CHRIST THE KING COLLEGE	BELMONT GROVE	SE13 5GE	Private	No	Education facilities																LLPG	No	
537371	176950		LEWISHAM COLLEGE	2 DEPTFORD CHURCH STREET	SE8 4RZ	Private	No	Education facilities																LLPG	No	
536,511	176,857		Goldsmiths University, Main Site	New Cross	SE14 6NW	Other public	No	Education facilities	Natural gas	7470,871											2009			LB Lewisham	Yes	Assuming all fossil fuel is used for space heating and DHW.
536274	176922		Goldsmiths University, Loring Hall	274 New Cross Road	SE14 6AB	Other public	No	Education facilities	Natural gas	1382,136											2009			LB Lewisham	Yes	Assuming all fossil fuel is used for space heating and DHW.
536725	176700		Goldsmiths University, Surrey House	80 Lewisham Way	SE14 6NW	Other public	No	Education facilities	Natural gas	1262,775											2009			LB Lewisham	Yes	Assuming all fossil fuel is used for space heating and DHW.
536799	175650		Goldsmiths University, Edgecombe	55-57 Wickham Road	SE14 1LX	Other public	No	Education facilities	Natural gas	1061,636											2009			LB Lewisham	Yes	Assuming all fossil fuel is used for space heating and DHW.
536406	176945		Laurie Grove Baths	7-10 Laurie Grove	SE14 6NW	Other public	No	Education facilities	Natural gas	443,097											2009			LB Lewisham	Yes	Assuming all fossil fuel is used for space heating and DHW.
536342	176952		286 New Cross Road		SE14 5AA	Other public	No	Education facilities	Natural gas	436,026											2009			LB Lewisham	Yes	Assuming all fossil fuel is used for space heating and DHW.
536369	176967		Goldsmiths University, Deptford Town Hall	New Cross Road,	SE14 6AE	Other public	No	Education facilities	Natural gas	433,445											2009			LB Lewisham	Yes	Assuming all fossil fuel is used for space heating and DHW.
536371	176901		Goldsmiths University, Arts Building		SE14 6NW	Other public	No	Education facilities	Natural gas	384,708											2009			LB Lewisham	Yes	Assuming all fossil fuel is used for space heating and DHW.
536557	177003		Goldsmiths University, Chesterman House	334-336 New Cross Road	SE14	Other public	No	Education facilities	Natural gas	361,311											2009			LB Lewisham	Yes	Assuming all fossil fuel is used for space heating and DHW.
536,517	177,039		Goldsmiths University, Dean House	339-353 New Cross Road	SE14 5UH	Other public	No	Education facilities	Individual boilers	485,658											2009			LB Lewisham	Yes	Data partly approximate. Aggregate consumption. Assuming all fossil fuel is used for space heating and DHW.
536,375	177,021		Goldsmiths University, Batavia Mews	New Cross Road	SE14 6EA	Other public	No	Education facilities	Individual boilers	522,382											2009			LB Lewisham	Yes	Data partly approximate. Aggregate consumption. Assuming all fossil fuel is used for space heating and DHW.
536130	173479		Brockley Rise Centre CEL	BROCKLEY RISE	SE23 1PR	Local government	No	Local government estate	Natural gas	401,815		2,918									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536724	177240		Mulberry Resource Centre	15 AMERSHAM VALE	SE14 6LE	Local government	No	Local government estate	Natural gas	363,718		1,478									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
534826	172149		Kirkdale Centre CEL	84 KIRKDALE	SE26 4BH	Local government	No	Local government estate	Natural gas	339,353		1,277									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536821	176764		Amersham Road Early Years	AMERSHAM EARLY YEARS, 75	SE14 6QQ	Local government	No	Local government estate	Natural gas	241,737		781									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
538533	175345		Leamore Resource Centre	29 39 CLARENDON RISE	SE13 5ES	Local government	No	Local government estate	Natural gas	227,528		1,689									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
540516	172896		Grove Park Centre CEL	PRAGNELL ROAD	SE12 0LF	Local government	No	Local government estate	Natural gas	223,653		975									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.

537418	174572	Ladywell Childrens Centre	30 RUSHEY MEAD	SE4 1JJ	Local government	No	cal government estate	Natural gas	211,419		648							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
538315	175931	Granville Park CEL	100 GRANVILLE PARK	SE13 7DX	Local government	No	cal government estate	Natural gas	164,166		3,569							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
-		Beckenham Place Mansion			Local government	No	cal government estate	Natural gas	156,265									2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
535551	171454	Naborhood Resource Centre	44A SYDENHAM ROAD	SE26 50F	Local government	No	cal government estate	Natural gas	152,524		942							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536296	177505	Woodpecker Childcare Training Centre	20 WOODPECKER ROAD	SE14 6EU	Local government	No	cal government estate	Natural gas	145,172		431							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
-		Early Years Special Needs			Local government	No	cal government estate	Natural gas	142,474		777							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
		Rushey Green Early Years Centre	41 RUSHEY GREEN	SE6 4AS	Local government	No	cal government estate	Natural gas	127,708		849							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536182	176129	Hatcham Oak Childrens Centre	WALLBUTTON ROAD	SE4 2NX	Local government	No	cal government estate	Natural gas	96,484		250							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536530	178480	Riverside Youth Centre	GROVE STREET	SE8 30Q	Local government	No	cal government estate	Natural gas	95,285		731							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
537843	174313	Saville Day Centre	436 438 LEWISHAM HIGH STR	SE13 6LJ	Local government	No	cal government estate	Natural gas	93,372		384							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
537136	177720	Hughesfield Centre	NEW KING STREET	SE8 3HS	Local government	No	cal government estate	Natural gas	81,813		584							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536061	174818	Honor Oak Early Years Centre	BROCKLEY WAY	SE4 2LW	Local government	No	cal government estate	Natural gas	80		541							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
535119	171712	Kirkdale Resource Centre	200 KIRKDALE	SE26 4NL	Local government	No	cal government estate	Natural gas	70,926		1,030							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
-		Grove Street Children's Centre			Local government	No	cal government estate	Natural gas	67,818		224							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
535585	178512	5 Steps Community Nursery	15 LAMBOURNE GROVE	SE16 2RR	Local government	No	cal government estate	Natural gas	66,028		270							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
538627	175143	Margaret Sandra Workplace Nursery	10A WISTERIA ROAD	SE13 5HN	Local government	No	cal government estate	Natural gas	51,355		210							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
536331	172897	Kilmore Professional Development Centre	KILMORIE ROAD	SE23 2SP	Local government	No	cal government estate		186,648		1,414										NI 185	No	Assuming 132 kWh/m2/annum (CIBSE Guide F Table 20.1 - lecture room, science)
537716	172271	Bellingham Community Learning Centre	14A RANDESDOWN ROAD	SE6 3BT	Local government	No	cal government estate	Natural gas	18,513		99							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
537462	173904	Holbeach CEL	NELGARDE ROAD	SE6 4QB	Local government	No	cal government estate	Natural gas	37.75		250							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
535230	172563	Louise House Early Years Centre	EARLY YEARS CENTRE, DART	SE23 3HZ	Local government	No	cal government estate	Natural gas	9,012		175							2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
<b>TOTAL</b>									<b>54,314</b>	<b>0</b>	<b>277,331</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

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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 <sup>2</sup> )	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	Comment / Assumption
		177446	DEPTFORD POLICE STATION	114 116 AMERSHAM VALE	SE14 6LG	Other public	No	Police stations															LLPG	No		LDA to provide heat consumption data
538115	172057		CATFORD POLICE STATION	333 BROMLEY ROAD	SE6 2RP	Other public	No	Police stations															LLPG	No		LDA to provide heat consumption data
535054	172241		SYDENHAM POLICE STATION	179 DARTMOUTH ROAD	SE26 4RN	Other public	No	Police stations															LLPG	No		LDA to provide heat consumption data
536432	175418		BROCKLEY POLICE STATION	4 HOWSON ROAD	SE4 2AS	Other public	No	Police stations															LLPG	No		LDA to provide heat consumption data
538352	175689		LEWISHAM POLICE STATION	43 LEWISHAM HIGH STREET	SE13 5JZ	Other public	No	Police stations															LLPG	No		LDA to provide heat consumption data
<b>TOTAL</b>											<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

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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 (MWh/year)	Fuel consumption from CHP (MWh/year)	Gross internal floor area (m <sup>2</sup> )	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	Comment / Assumption
	178044		DEPTFORD FIRE STATION	186 EVELYN STREET	SE8 5DB	Other public	No	Fire stations															LLPG	No		LDA to provide heat consumption data
538131	175010		LEWISHAM FIRE STATION	249 259 LEWISHAM HIGH STREET	SE13 6NH	Other public	No	Fire stations															LLPG	No		LDA to provide heat consumption data
535577	176764		NEW CROSS FIRE STATION	266 QUEENS ROAD	SE14 5JN	Other public	No	Fire stations															LLPG	No		LDA to provide heat consumption data
539994	172498		DOWNHAM FIRE STATION	260 REIGATE ROAD	BR1 5JN	Other public	No	Fire stations															LLPG	No		LDA to provide heat consumption data
535962	173316		FOREST HILL FIRE STATION	155 STANSTEAD ROAD	SE23 1HP	Other public	No	Fire stations															LLPG	No		LDA to provide heat consumption data
<b>TOTAL</b>											<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

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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 (MWh/year)	Fuel consumption from CHP (MWh/year)	Gross internal floor area (m <sup>2</sup> )	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	Comment / Assumption	
	175742		BLACKHEATH HOSPITAL	40-42 LEE TERRACE	SE3 9UD	Private	No	NHS						68.00									LLPG	No		68 beds.	
537874	174681		UNIVERSITY HOSPITAL LEWISHAM	LEWISHAM HIGH STREET	SE13 6LH	Other public	No	NHS		Natural gas	24350									2009			NHS	No		Assuming all fossil fuel is used for space heating and DHW.	
537845	174386		Central Clinic	410 LEWISHAM HIGH STRE	SE13 6LL	Local government	No	NHS		Natural gas	110.03		641							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW.	
537307	174969		HILLY FIELDS MEDICAL CENTRE	172 ADELAIDE AVENUE	SE4 1JN		No	NHS															LLPG	No			
540292	173146		DR SARKER'S SURGERY	147 BARING ROAD	SE13 0LA		No	NHS															LLPG	No			
537445	172004		BELLINGHAM GREEN SURGERY	24 BELLINGHAM GREEN	SE6 3JB		No	NHS															LLPG	No			
538725	175625		THE SURGERY	36 BELMONT HILL	SE13 5AY		No	NHS															LLPG	No			
539378	172604		BOUNDFIELD MEDICAL CENTRE	103 BOUNDFIELD ROAD	SE6 1PH		No	NHS															LLPG	No			
536369	174418		BROCKLEY ROAD SURGERY	465 BROCKLEY ROAD	SE4 2PJ		No	NHS															LLPG	No			
538475	173649		PARKVIEW SURGERY	186 BROWNHILL ROAD	SE6 1AT		No	NHS															LLPG	No			
538272	174872		CAMPSHILL SURGERY	CAMPSHILL ROAD	SE13 6QU		No	NHS															LLPG	No			
540835	172203		CHINBROOK SURGERY	32 CHINBROOK ROAD	SE12 9TH		No	NHS															LLPG	No			
536401	177121		CLIFTON RISE MEDICAL CENTRE	27 CLIFTON RISE	SE14 6ER		No	NHS															LLPG	No			
536482	178023		KINGFISHER SQUARE	KINGFISHER MEDICAL CEN	SE8 5DA		No	NHS															LLPG	No			
538197	171982		SOUTH LEWISHAM HEALTH CENTRE	50 CONISBOROUGH CRESC	SE6 2SS		No	NHS		Natural gas	156.717									2009			Lewisham PCT	Yes		Assuming all fossil fuel is used for space heating and DHW.	
540093	172010		THE SURGERY	481 DOWNHAM WAY	BR1 5HU		No	NHS															LLPG	No			
535508	176202		THE SURGERY	42 GELLATLY ROAD	SE14 5TT		No	NHS															LLPG	No			
536571	178569		JAMES LIND HOUSE	LIND CLINIC, GROVE STRE	SE8 30F		No	NHS		Natural gas	8.777									2009			Lewisham PCT	Yes		Assuming all fossil fuel is used for space heating and DHW.	
539843	174609		THE LEE HEALTH CENTRE	2 HANDEN ROAD	SE12 8NP		No	NHS		Natural gas	181.344									2009			Lewisham PCT	Yes		Assuming all fossil fuel is used for space heating and DHW.	
537820	174122		THE PRIMARY CARE CENTRE	RUSHEY GREEN GROUP PR	SE6 4JH		No	NHS															LLPG	No			
538712	174218		EDWIN HALL PLACE	4WOODLANDS HEALTH CE	SE13 6RN		No	NHS															LLPG	No			
536484	171830		SYDENHAM GREEN GROUP PRACTICE	26 HOLMSHAW CLOSE	SE26 4TG		No	NHS		Natural gas	279.913									2009			Lewisham PCT	Yes		Assuming all fossil fuel is used for space heating and DHW.	
536407	176857		THE MEDICAL CENTRE	24 LAURIE GROVE	SE14 6NH		No	NHS															LLPG	No			
539715	175031		LEE HIGH ROAD MEDICAL CENTRE	308 LEE HIGH ROAD	SE13 5PJ		No	NHS															LLPG	No			
539687	175619		THE SURGERY	20 LEE ROAD	SE3 9RT		No	NHS															LLPG	No			
537537	176073		ST JOHNS MEDICAL CENTRE	FIRST AND SECOND FLOOR	SE13 7SX		No	NHS															LLPG	No			
540906	172644		MARVELS LANE HEALTH CENTRE	GATE HOUSE PRACTICE, 37	SE12 9PN		No	NHS															LLPG	No			
540888	172683		MARVELS LANE HEALTH CENTRE	37 MARVELS LANE	SE12 9PN		No	NHS		Natural gas	204.238									2009			Lewisham PCT	Yes		Assuming all fossil fuel is used for space heating and DHW.	
538107	176344		THE MORDEN HILL SURGERY	21 23 MORDEN HILL	SE13 7NN		No	NHS															LLPG	No			
538216	175106		THE SURGERY	2 MORLEY ROAD	SE13 6DQ		No	NHS															LLPG	No			
538463	173153		THE SURGERY	50 MUIRKIRK ROAD	SE6 1BQ		No	NHS															LLPG	No			
537150	176929		DEPTFORD SURGERY	504 NEW CROSS ROAD	SE14 6TJ		No	NHS															LLPG	No			
536865	177053		MORNINGTON SURGERY	433 NEW CROSS ROAD	SE14 6TD		No	NHS															LLPG	No			
537116	176909		DEPTFORD MEDICAL CENTRE	PEARSONS AVENUE	SE14 6TG		No	NHS															LLPG	No			
536093	172530		THE VALE MEDICAL CENTRE	195 197 PERRY VALE	SE23 2JF		No	NHS															LLPG	No			
535715	176856		THE QUEENS ROAD PARTNERSHIP	387 QUEENS ROAD	SE14 5HD		No	NHS															LLPG	No			
535710	176796		QUEENS ROAD PRACTICE	296 QUEENS ROAD	SE14 5JN		No	NHS															LLPG	No			
539698	172025		OAKVIEW FAMILY PRACTICE	190 SHROFFOLD ROAD	BR1 5NJ		No	NHS															LLPG	No			
536765	177196		WALDRON HEALTH CENTRE	STANLEY STREET	SE8 4BG		No	NHS															LLPG	No			
536183	173328		THE JENNER PRACTICE	201 203 STANSTEAD ROAD	SE23 1HU		No	NHS		Natural gas	731.198									2009			Lewisham PCT	Yes		Assuming all fossil fuel is used for space heating and DHW.	
535345	171507		SYDENHAM SURGERY	2 SYDENHAM ROAD	SE26 5QW		No	NHS															LLPG	No			
536191	175055		HONOR OAK GROUP PRACTICE	20 21 TURNHAM ROAD	SE4 2LA		No	NHS		Natural gas	192.75									2009			Lewisham PCT	Yes		Assuming all fossil fuel is used for space heating and DHW.	
536057	176213		THE SURGERY	58 VESTA ROAD	SE4 2NH		No	NHS															LLPG	No			
534935	171960		WELLS PARK PRACTICE	1 WELLS PARK ROAD	SE26 6JQ		No	NHS															LLPG	No			
536504	178642		GROVE MEDICAL CENTRE	WINDLASS PLACE	SE8 3OH		No	NHS															LLPG	No			
538986	171759		WINLATON SURGERY	139 WINLATON ROAD	BR1 5QA		No	NHS															LLPG	No			
536694	172944		WOOLSTONE ROAD MEDICAL CENTRE	WOOLSTONE ROAD	SE23 2SG		No	NHS															LLPG	No			
			Dalton Chiroprody Centre	28 Sangley Road	SE6 2JL		No	NHS		Natural gas	67.045										2009			Lewisham PCT	Yes		Assuming all fossil fuel is used for space heating and DHW.
			Ivy House	Bradgate Road, London	SE6 4TT	Other public	No	NHS		Natural gas	13.834										2009			Lewisham PCT	Yes		Assuming all fossil fuel is used for space heating and DHW.
<b>TOTAL</b>											<b>26,296</b>	<b>0</b>	<b>641</b>	<b>68</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

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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 <sup>2</sup> )	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	Comment / Assumption
534,846	173,130		Horniman Museum	100 London Rd, London	SE23 3PQ	Private	No	Museums & Art Galleries		Natural gas	400		5,525							2010			Museum	Yes		Gas consumption given by the museum is approximate. Assuming all fossil fuel is used for space heating and DHW.
537664	173691		Broadway Theatre	CATFORD ROAD	SE6 4RU	Local government	No	Local government estate			1146.6		1,820										NI 185	No		Assuming 187 kWh/m2/annum (CIBSE Guide F Table 20.1 - theatres)
<b>TOTAL</b>											<b>1,547</b>	<b>0</b>	<b>7,345</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

	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 <sup>2</sup> )	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
<b>TOTAL</b>											<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

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 (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	Comment / Assumption
538,232	175,241		Lewisham Library	199 201 LEWISHAM HIGH STREET	SE13 6LG	Local government	No	cal government estate		Natural gas	322.696		2,696						2009				NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
	172715		Grove Park Library	SOMERTREES AVENUE	SE12 0BX	Local government	No	cal government estate		Natural gas	134.59		424						2009				NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,318	171,590		Sydenham Library	SYDENHAM ROAD	SE26 5SE	Local government	No	cal government estate		Natural gas	101.106		721						2009				NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
535,208	172,558		Forest Hill Library	DARTMOUTH ROAD	SE23 3HZ	Local government	No	cal government estate		Natural gas	100.47		500						2009				NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
538,981	174,101		Library Resource Centre	305 315 HITHER GREEN LANE	SE13 6TJ	Local government	No	cal government estate		Natural gas	96.801		314						2009				NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
538,984	173,378		Torriford Road Library	TORRIDON ROAD	SE6 1RO	Local government	No	cal government estate		Natural gas	89.992		504						2009				NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,532	174,769		Crofton Park Library	BROCKLEY ROAD	SE4 2AG	Local government	No	cal government estate		Natural gas	79.577		443						2009				NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
539,361	175,054		Manor House Library	34 OLD ROAD	SE13 5SY	Local government	No	cal government estate		Natural gas	69.587		1,093						2009				NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
539,686	176,051		Blackheath Library	3 4 BLACKHEATH GROVE	SE3 0DD	Local government	No	cal government estate		Natural gas	36.719		422						2009				NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
536,307	176,997		New Cross Library	283 285 NEW CROSS ROAD	SE14 6AS	Local government	No	cal government estate		Natural gas	21.219		519						2009				NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,623	173,596		Catford Library	CATFORD LIBRARY, 1 CATFORD ROAD	SE6 4RU	Local government	No	cal government estate			128.31		611										NI 185	No		Assuming 210 kWh/m2/annum (CIBSE Guide F Table 20.1 - libraries)
537,604	173,658		Lewisham Town Hall	CATFORD ROAD	SE6 4RU	Local government		Local government estate		Natural gas	2674.138		7,302						2009				NI 185	No		Assuming all fossil fuel is used for space heating and DHW.
537,640	173,644		Civic Suite	CATFORD ROAD	SE6 4RU	Local government		Local government estate			592.79		3,170										NI 185	No		Assuming 187 kWh/m2/annum (CIBSE Guide F Table 20.1 - community centres)
537,661	173,669		Town Hall Chambers	RUSHEY GREEN	SE6 4RU	Local government		Local government estate			1128.935		5,507										NI 185	No		Assuming 205 kWh/m2/annum (CIBSE Guide F Table 20.1 - town hall)
<b>TOTAL</b>											<b>5,577</b>	<b>0</b>	<b>24,226</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

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 <sup>2</sup> )	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
	175414		LEWISHAM METHODIST CHURCH	ALBION WAY	SE13 6BT	Other public	No	Churches															LLPG	No	
537717	175883		THE BIBLEWAY TABERNACLE	ALGERNON ROAD	SE13 7AT	Other public	No	Churches															LLPG	No	
537931	172141		ELIM PENTECOSTAL CHURCH	ALLERFORD ROAD	SE6 2XL	Other public	No	Churches															LLPG	No	
537077	174784		CROFTON PARK BAPTIST CHURCH	CROFTON PARK BAPTIST CHURCH, 12 AMYRUTH ROAD	SE4 1HQ	Other public	No	Churches															LLPG	No	
538054	171267		THE PRESBYTERY	88 BECKENHAM HILL ROAD	SE6 3PU	Other public	No	Churches															LLPG	No	
539068	175604		ST MARGARET'S RECTORY	BRANDRAM ROAD	SE13 5EA	Other public	No	Churches															LLPG	No	
537030	174927		LADYWELL CEMETERY CHAPEL	BROCKLEY GROVE		Other public	No	Churches															LLPG	No	
536084	173589		ST SAVIOURS CHURCH HALL	BROCKLEY RISE	SE23 1JN	Other public	No	Churches															LLPG	No	
536720	175354		ST ANDREWS UNITED REFORMED CHURCH	BROCKLEY ROAD	SE4 2SA	Other public	No	Churches															LLPG	No	
537724	173356		SAINT LAURENCE CHURCH OF ENGLAND	SAINT LAURENCE CHURCH OF ENGLAND CHURCH, 37 BROMLEY ROAD	SE6 2TS	Other public	No	Churches															LLPG	No	
537724	173356			37 BROMLEY ROAD	SE6 2TS	Other public	No	Churches															LLPG	No	
537892	173774		THE SALVATION ARMY	23 25 BROWNHILL ROAD	SE6 2HE	Other public	No	Churches															LLPG	No	
536909	173087		KINGS CHURCH	CATFORD HILL	SE6 4PS	Other public	No	Churches															LLPG	No	
538639	171510		CHURCH OF OUR LADY OF LOURDES AND ST PHILLIP NERI,	CHURCH OF OUR LADY OF LOURDES AND ST PHILLIP NERI, 9 CHELFORD ROAD	BR1 5QT	Other public	No	Churches															LLPG	No	
535767	172814		THE SPIRE CHRIS CHURCH	CHURCH RISE	SE23 2UD	Other public	No	Churches															LLPG	No	
535767	172814		CHAPEL ON THE HILL	CHURCH RISE	SE23 2UD	Other public	No	Churches															LLPG	No	
539407	171774		CHURCHDOWN CHRISTIAN CENTRE	60 CHURCHDOWN	BR1 5PO	Other public	No	Churches															LLPG	No	
534563	171930		ST PHILIP THE APOSTLE CHURCH	COOMBE ROAD	SE26 6QW	Other public	No	Churches															LLPG	No	
537967	172658		CATFORD & BROMLEY UNITED SYNAGOGUE	6 CRANTOCK ROAD	SE6 2QT	Other public	No	Churches															LLPG	No	
537184	177689		DEPTFORD METHODIST CHURCH	CREEK ROAD	SE8 3BT	Other public	No	Churches															LLPG	No	
537186	177463		THE BEAR	154 156 DEPTFORD HIGH STREET	SE8 3PO	Other public	No	Churches															LLPG	No	
537188	177348		CHRIST LIFE WORLD OUTREACH CENTRE	124 DEPTFORD HIGH STREET	SE8 4NP	Other public	No	Churches															LLPG	No	
536397	177582		ST MICHAELS CENTRE	FLAT 3, DESMOND STREET	SE14 6JF	Other public	No	Churches															LLPG	No	
535386	172983		JCCMI	2A DEVONSHIRE ROAD	SE23 3TJ	Other public	No	Churches															LLPG	No	
537287	177470		ST PAULS CHURCH	DIAMOND WAY	SE8 3DS	Other public	No	Churches															LLPG	No	
539350	176413		ALL SAINTS	10 DUKE HUMPHREY ROAD	SE3 0TY	Other public	No	Churches															LLPG	No	
536688	177520		ST MARKS CHURCH	EDWARD STREET	SE14 6DX	Other public	No	Churches															LLPG	No	
536625	177463		OLIVET DEPTFORD BAPTIST CHURCH	EDWARD STREET	SE14 6DX	Other public	No	Churches															LLPG	No	
536892	173308		TRINITY UNITED REFORMED CHURCH	FAVERSHAM ROAD	SE6 4XE	Other public	No	Churches															LLPG	No	
537350	177206		SHAFESBURY CHRISTIAN CENTRE	FRANKHAM STREET	SE8 4RN	Other public	No	Churches															LLPG	No	
537229	176877		CELESTIAL CHURCH OF CHRIST	HARTON STREET	SE8 4DQ	Other public	No	Churches															LLPG	No	
538583	174497		ST SWITHINS CHURCH OF ENGLAND CHURCH	HITHER GREEN LANE	SE13 6QE	Other public	No	Churches															LLPG	No	
537960	173890		HITHER GREEN BAPTIST CHURCH	HITHER GREEN BAPTIST CHURCH, 22 HONLEY ROAD	SE6 2HZ	Other public	No	Churches															LLPG	No	
536439	173114		CATFORD COMMUNITY CHURCH,	CATFORD COMMUNITY CHURCH, 19 HURSTBOURNE ROAD	SE23 2AA	Other public	No	Churches															LLPG	No	
536908	174749		CROFTON PARK BAPTIST CHURCH	HUXBEAR STREET	SE4 1EA	Other public	No	Churches															LLPG	No	
539523	175955		FRIENDS MEETING HOUSE PLAYGROUP, 10 INDEPENDENTS ROAD,	FRIENDS MEETING HOUSE PLAYGROUP, 10 INDEPENDENTS ROAD,	SE3 9LF	Other public	No	Churches															LLPG	No	
534950	171913		THE GROVE CENTRE CHURCH	2 JEWS WALK	SE26 6PL	Other public	No	Churches															LLPG	No	
535702	176120		CHURCH OF THE GOD OF PROPHECY	39 KITTO ROAD	SE14 5TW	Other public	No	Churches															LLPG	No	
539655	175780		CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS	2 LEE ROAD	SE3 9RT	Other public	No	Churches															LLPG	No	
539605	175086		LEE NEW TESTAMENT CHURCH OF GOD	370 LEE HIGH ROAD	SE12 8RS	Other public	No	Churches															LLPG	No	
541207	171939		JUBILEE INTERNATIONAL CHURCH	72A MAYESWOOD ROAD	SE12 9RP	Other public	No	Churches															LLPG	No	
537243	177518		THE SALVATION ARMY	MARY ANN GARDENS	SE8 3DP	Other public	No	Churches															LLPG	No	
539797	171672		THE PRESBYTERY	MOORSIDE ROAD	BR1 5EP	Other public	No	Churches															LLPG	No	
539797	171672		THE GOOD SHEPHERD CHURCH	79 MOORSIDE ROAD	BR1 5EP	Other public	No	Churches															LLPG	No	
535479	177103		CHRIST FAITH TABERNACLE	56 62 NEW CROSS ROAD	SE14 5BD	Other public	No	Churches															LLPG	No	
537022	176967		NEW CROSS ROAD BAPTIST CHURCH	466 NEW CROSS ROAD	SE14 6TJ	Other public	No	Churches															LLPG	No	
536110	172472		PERRY RISE BAPTIST CHURCH	PERRY RISE	SE23 2QL	Other public	No	Churches															LLPG	No	
538996	173327		ST ANDREW CHURCH OF ENGLAND CHURCH	SANDHURST ROAD	SE6 1XD	Other public	No	Churches															LLPG	No	
538155	173383		HOLY CROSS ROMAN CATHOLIC CHURCH	SANGLEY ROAD	SE6 2JS	Other public	No	Churches															LLPG	No	
538155	173383		HARTLEY HALL	SANGLEY ROAD	SE6 2LD	Other public	No	Churches															LLPG	No	
535379	177749		SCOTNEY HALL	RECONCILERS EVANGELICAL MINISTRIES, 17 SHARRATT STREET	SE15 1NR	Other public	No	Churches															LLPG	No	
537372	176213		VICARAGE	2 ST JOHN'S VALE	SE8 4EA	Other public	No	Churches															LLPG	No	
537358	176246		ST JOHN'S CHURCH	ST JOHN'S VALE		Other public	No	Churches															LLPG	No	
536886	177733		EVELYNN HALL	STAUNTON STREET	SE8 5LY	Other public	No	Churches															LLPG	No	
535783	173008		QUAKERS RELIGIOUS SOCIETY OF FRIENDS	34 SUNDERLAND ROAD	SE23 2QA	Other public	No	Churches															LLPG	No	
540312	172140		DOWNHAM WAY FAMILY CHURCH	20 THE GREEN	BR1 5LS	Other public	No	Churches															LLPG	No	
538971	173311		THE VICARAGE	119 TORRIDON ROAD		Other public	No	Churches															LLPG	No	
535120	172196		HOLY TRINITY CHURCH CENTRE	4 TRINITY PATH	SE26 4EA	Other public	No	Churches															LLPG	No	
536705	176323		BROCKLEY BAPTIST CHURCH	60 UPPER BROCKLEY ROAD	SE4 1SY	Other public	No	Churches															LLPG	No	
536641	172962		THE VICARAGE	VANCOUVER ROAD	SE23 2AG	Other public	No	Churches															LLPG	No	
536719	172953		THE PARISH CHURCH OF ST GEORGE WITH CHRISTCHURCH AND ST PAUL	VANCOUVER ROAD	SE23 2AG	Other public	No	Churches															LLPG	No	
539568	172942		HITHER GREEN CEMETARY CHAPEL	VERDANT LANE	SE6 1TP	Other public	No	Churches															LLPG	No	
537951	175764		LEWISHAM CHRISTIAN CENTRE	VIAN STREET	SE13 7DJ	Other public	No	Churches															LLPG	No	
535102	171669		ST BARTHOLOMEWS CHURCH	WESTWOOD HILL	SE26 6QR	Other public	No	Churches															LLPG	No	
536894	175845		ST PETERS CHURCH	WICKHAM ROAD	SE4 1LT	Other public	No	Churches		</															

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 <sup>2</sup> )	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	Comment / Assumption	
536602	177810		Lapwing Tower	Taylor Close, Lewisham	SE85UH		No	Private residential (> 149 units or 9,999 m <sup>2</sup> )	Electric heating	Electricity	768			64									GLA SELCHP Report	No			
	177797		Marine Tower	Abinger Grove, Lewisham	SE85UY		No	Private residential (> 149 units or 9,999 m <sup>2</sup> )	Electric heating	Electricity	768			64									GLA SELCHP Report	No			
536825	177709		Dolphin Tower	Abinger Grove, Lewisham	SE85TG		No	Private residential (> 149 units or 9,999 m <sup>2</sup> )	Electric heating	Electricity	768			64									GLA SELCHP Report	No			
536738	177730		Mermaid Tower	Abinger Grove, Lewisham	SE85ST		No	Private residential (> 149 units or 9,999 m <sup>2</sup> )	Electric heating	Electricity	768			64									GLA SELCHP Report	No			
536396	178766		Marine Wharf (West)	Plough Way, Deptford	SE16 7UD		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )	Central Boilers	Renewable	2,937			527									Berkeley Homes Planning Application	No			
537036	178210		Convoys Wharf	Convey Way, Deptford	SE8 3JF		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )	Assets including CHP	Natural gas	8,152		281,120	3,514							2015	2025	Hoare Lea Sustainability Report	No		Assuming 80 m2/unit and 29 kWh/m2/annum (50% of 2006 Part L Benchmark for Residential)	
535565	178498		Silwood Estate	Concorde Way, Deptford	SE16 2RR		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )	Assets including CHP	Natural gas	549		11,680	146							2010	2011	Environmental Statement	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)	
536500	178337		The Deptford Wharves	Evelyn Road, Deptford	SE8 5RJ		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )	Assets including CHP	Natural gas	4,373			930									Greater London Authority PDIU/232MM02	No			
536574	172082		Bell Green	Bell Green, Lower Sydenham	SE6 4HD		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )			587		12,480	156							2013	2015	App. No. 03/54844	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)	
537902	172188		246 Bromley Road	246 Bromley Road	SE6 2SY		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )			188		4,000	50								2010		Application Number:DC/10/736 92/X	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)
536559	176982			37-39 Lewisham Way, London	SE14 6PP		No	Private residential (> 149 units or 9,999 m <sup>2</sup> )			38		800	10										Application Number:DC/09/728 09/FT	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)
			Brockley Water Works	Brookmill Road, London	SE8		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )			1,718		36,560	457										Application Number:DC/09/729 69	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)
537321	177308		Giffin Street Regeneration Area	Giffin Street, London	SE8		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )			143		3,040	38								2011	2014	Application Number:DC/10/736 50/FT	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)
535310	171570		The Greyhound PH	309-315 Kirkdale	SE26 4QB		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )			150		3,200	40										Application Number:DC/09/727 90/X	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)
535366	177142		Hammersley House	Pomeroy Street, London	SE14		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )			30		640	8										Application Number:DC/10/735 39/X	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)
535050	171936			181-191 Kirkdale, London	SE26		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )			71		1,520	19										Application Number:DC/10/735 19/FT	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)
538348	171750		Former Tiger's Head Pub	350-352 Bromley Road	SE6 2RP		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )			154		3,280	41										Application Number:DC/10/735 72/FT	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)
536235	178703		Cannon Wharf	Plough Way, Deptford	SE16		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )																Application Number:DC/08/685 23	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)
536235	178840		7-17 Yeoman Street		SE16		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )																Application Number:DC/09/729 04	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)
538110	176674		Heathside & Lethbridge	BLACKHEATH HILL	SE10 8DP		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )			1,471		50,720	634								2011	2018	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 29 kWh/m2/annum (50% of 2006 Part L Benchmark for Residential)
536887	177413		Seager		SE8 4HT		Yes	Private residential (> 149 units or 9,999 m <sup>2</sup> )			1,045		22,240	278										App. No. 08/69448	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)
536075	171594			10 ADDINGTON GROVE	SE26 4JT	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.048									Lewisham Homes	Yes		
537305	177610			45 ALBURY STREET	SE8 3PT	Private	No	Multi-address buildings	Central Boilers	Natural gas														Lewisham Homes	Yes		
538781	174430		Flats 1-15	31 BEACON ROAD	SE13 6ED	Private	No	Multi-address buildings	Central Boilers	Natural gas														Lewisham Homes	Yes		
535636	171780		Flats 1-4	12 BISHOPSTHORPE ROAD	SE26 4NY	Private	No	Multi-address buildings	Central Boilers	Natural gas														Lewisham Homes	Yes		
539064	173665		Flats 1-42	324 BROWNHILL ROAD	SE6 1AX	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.036									Lewisham Homes	Yes		
537247	176528		COMMODORE COURT	ALBYN ROAD	SE8 4ER	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.395									Lewisham Homes	Yes		
538632	174754			145-179 COURTHILL ROAD	SE13 6DR	Private	No	Multi-address buildings	Central Boilers	Natural gas														Lewisham Homes	Yes		
536595	174077		Flats 1-14	146 CROFTON PARK ROAD	SE4 1AN	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.12									Lewisham Homes	Yes		
538674	174922			34 DERMODY ROAD	SE13 5HB	Private	No	Multi-address buildings	Central Boilers	Natural gas														Lewisham Homes	Yes		
538482	176062		Flats 1-5	23 ELIOT PARK	SE13 7EG	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.15									Lewisham Homes	Yes		
536423	177877			69-79 ETTA STREET	SE8 5NR	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.14									Lewisham Homes	Yes		
536406	177903			70-76 ETTA STREET	SE8 5NT	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.114									Lewisham Homes	Yes		
536350	177960			94-96 GOSTERWOOD STREET	SE8 5NY	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.0377									Lewisham Homes	Yes		
				Grace Path, Silverdale	SE26 4SF	Private	No	Multi-address buildings	Central Boilers	Natural gas														Lewisham Homes	Yes		
535978	171569			48-66 HAZEL GROVE	SE26 4JE	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.06									Lewisham Homes	Yes		
537082	176829			4-16 HEALD STREET	SE14 6TP	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.077									Lewisham Homes	Yes		
534810	171934			2-36 HENSFORD GARDENS	SE26 6JG	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.0973									Lewisham Homes	Yes		
534548	171856		HOLLOWCOMBE	41 TAYLOR'S LANE	SE26 6LA	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.951									Lewisham Homes	Yes		
536783	177393		JOHN PENN HOUSE	112 AMERSHAM VALE	SE14 6NE	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.2331									Lewisham Homes	Yes		
536278	171964		Flats 1-18, KENTON COURT	ADAMSRILL ROAD	SE26 4AU	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.27									Lewisham Homes	Yes		
535096	171721		Flats 1-18	190 KIRKDALE	SE26 4NU	Private	No	Multi-address buildings	Central Boilers	Natural gas														Lewisham Homes	Yes		
539680	173977		Flats 1-22, LANAIN COURT	44 NEWSTEAD ROAD	SE12 0SZ	Private	No	Multi-address buildings	Central Boilers	Natural gas					0.268									Lewisham Homes	Yes		



536050	176991		New Cross Gate Station Sites	SE14 5UQ	Private	Yes	Private residential (> 149 units or 9,999 m2)			1,072		22,800	285							2012	2015	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)	
537573	177454		Kent and Sun Wharf	SE8 3DZ	Private	Yes	Private residential (> 149 units or 9,999 m2)			696		24,000	300							2015	2019	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 29 kWh/m2/annum (50% of 2006 Part L Benchmark for Residential)	
537097	177318		Octavius Street/Deptford Station	SE8 4LW	Private	Yes	Private residential (> 149 units or 9,999 m2)			432		9,200	115							2012	2014	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)	
536073	177977		Grinstead Road	SE8 5JF	Private	Yes	Private residential (> 149 units or 9,999 m2)			602		12,800	160							2013	2015	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)	
535480	177968		Surrey Canal Road (Millwall)	SE16 3LG	Private	Yes	Private residential (> 149 units or 9,999 m2)			6,264		216,000	2,700							2016	2025	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 29 kWh/m2/annum (50% of 2006 Part L Benchmark for Residential)	
536085	176994		New Cross Gate Sainsbury's	SE14 5UL	Private	Yes	Private residential (> 149 units or 9,999 m2)			752		16,000	200							2014	2016	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)	
537574	173825		Catford Shopping Centre	SE6 4SQ	Private	Yes	Private residential (> 149 units or 9,999 m2)			1,392		48,000	600							2015	2020	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 29 kWh/m2/annum (50% of 2006 Part L Benchmark for Residential)	
537291	173700		Plassy Road Island	SE6 4RH	Private	Yes	Private residential (> 149 units or 9,999 m2)			1,160		40,000	500							2015	2020	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 29 kWh/m2/annum (50% of 2006 Part L Benchmark for Residential)	
537729	173610		Catford Greyhound Stadium	SE6 4BP	Private	Yes	Private residential (> 149 units or 9,999 m2)			2,215		47,120	589							2012	2016	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)	
537870	173630		2-36 Plassy Road	SE6 2DE	Private	Yes	Private residential (> 149 units or 9,999 m2)			226		4,800	60								2011		Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)
537921	174111		Former George PH	SE6 4AS	Private	Yes	Private residential (> 149 units or 9,999 m2)			132		2,800	35							2011	2012	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)	
537750	173910		Former Rising Sun PH	SE6 4HW	Private	Yes	Private residential (> 149 units or 9,999 m2)			113		2,400	30							2012	2013	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)	
536017	171417		O'Rourke/Sivyer Transport	SE26 5JZ	Private	Yes	Private residential (> 149 units or 9,999 m2)			109		2,320	29							2013	2014	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)	
535794	171417		113-157 Sydenham Road	SE26 5HU	Private	Yes	Private residential (> 149 units or 9,999 m2)			114		3,920	49							2016	2017	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 29 kWh/m2/annum (50% of 2006 Part L Benchmark for Residential)	
			Sites at Brockley Cross	SE4	Private	Yes	Private residential (> 149 units or 9,999 m2)			167		5,760	72							2013	2024	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 29 kWh/m2/annum (50% of 2006 Part L Benchmark for Residential)	
535654	176984		New Cross Gate NDC Centre	SE14 5AS	Private	Yes	Private residential (> 149 units or 9,999 m2)			650		13,840	173							2013	2014	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)	
			Courts	SE26 2RP	Private	Yes	Private residential (> 149 units or 9,999 m2)			432		9,200	115							2011	2012	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)	
539058	172564		Excalibur (Estate renewal)	SE6 1RU	Private	Yes	Private residential (> 149 units or 9,999 m2)			854		18,160	227							2012	2015	Lewisham Housing Trajectory	No		Assuming 80 m2/unit and 47 kWh/m2/annum (80% of 2006 Part L Benchmark for Residential)	
<b>TOTAL</b>										<b>58,153</b>	<b>0</b>	<b>1,343,280</b>	<b>18,504</b>	<b>7.28</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

	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 <sup>2</sup> )	Number of dwellings	Installed thermal capacity from all assets	CHP Installed power (MWe)	CHP Installed thermal capacity (MWt)	CO2 emissions (tCO2/year)	Year of Construction	Year of data collection	Start date	Completion date	Data Source	Confidentiality of data	Attach file	Comment / Assumption
536500	178337		The Deptford Wharves	Evelyn Road, Deptford	SE8 5RJ	Private	Yes	Private commercial (> 9,999 m2)	Assets including CHP	Natural gas	467		15,300										Greater London Authority PDU/2232MM02	No		
			Brockley Water Works	Brookmill Road, London	SE8	Private	Yes	Private commercial (> 9,999 m2)															Application Number:DC/09/72969	No		
537321	177308		Giffin Street Regeneration Area	Giffin Street, London	SE8	Private	Yes	Private commercial (> 9,999 m2)			28		412										Application Number:DC/10/73650/FT	No		Assuming 67 kWh/m2/annum (80% of 2006 Part L Benchmark for Office)
535310	171570		The Greyhound PH	309-315 Kirkdale	SE26 4QB	Private	Yes	Private commercial (> 9,999 m2)															Application Number:DC/09/72790/X	No		
536235	178703		Cannon Wharf		SE16	Private	Yes	Private commercial (> 9,999 m2)			603		9,000											No		Assuming 67 kWh/m2/annum (80% of 2006 Part L Benchmark for Office)
536235	178840		7-17 Yeoman Street		SE16	Private	Yes	Private commercial (> 9,999 m2)															Application Number:DC/09/72904	No		
536396	178766		Marine Wharf (West)	Plough Way, Deptford	SE16 7UD	Private	Yes	Private commercial (> 9,999 m2)	Central Boilers	Renewable	449		3,000											No		
536574	172082		Bell Green	Bell Green, Lower Sydenham	SE6 4HD	Private	Yes	Private commercial (> 9,999 m2)			83		1,245										App. No. 03/54844	No		Assuming 67 kWh/m2/annum (80% of 2006 Part L Benchmark for Office)
536574	172082		Bell Green, SavaCentre	Bell Green, Lower Sydenham	SE6 4HD	Private	No	Private commercial (> 9,999 m2)			246		3,669										App. No. 03/54845	No		Assuming 67 kWh/m2/annum (80% of 2006 Part L Benchmark for Office)
535480	177968		Surrey Canal Road (Millwall)		SE16 3LG	Private	Yes	Private commercial (> 9,999 m2)			2,995		44,700										Lewisham Housing Trajectory	No		Assuming 67 kWh/m2/annum (80% of 2006 Part L Benchmark for Office)
536555	178377		Oxestalls Road		SE8 3QQ	Private	Yes	Private commercial (> 9,999 m2)			1,675		25,000										Lewisham Housing	No		Assuming 67 kWh/m2/annum (80% of 2006 Part L Benchmark for Office)
537036	178210		Convoys Wharf	Convey Way, Deptford	SE8 3JF	Private	Yes	Private commercial (> 9,999 m2)			7,189		107,300										Hoare Lea Sustainability Report	No		Assuming 67 kWh/m2/annum (80% of 2006 Part L Benchmark for Office)
<b>TOTAL</b>											<b>13,735</b>	<b>0</b>	<b>209,626</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

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 <sup>2</sup> )	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	Comment / Assumption
	175162		Wearside Service Depot	WEARSIDE ROAD	SE13 7EZ	Local government	No	Other public buildings		Natural gas	1052.277		5,458							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
			Lee Green Repairs Depot	OLD ROAD	SE13 5SU	Local government	No	Other public buildings		Natural gas	41.5		262							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
534972	172128		Sydenham Service Centre	WILLOW WAY	SE26 4QX	Local government	No	Other public buildings		Natural gas	11.292		500							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
536782	174704		Brockley Grove Depot	BROCKLEY GROVE	SE4 1DZ	Local government	No	Other public buildings		Natural gas	4.082		140							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
539893	172688		Lewisham Crematorium	VERDANT LANE	SE6 1TP	Local government	No	Local government estate		Natural gas	90		600										NI 185	No		Assuming 150 kWh/m2/annum (CIBSE Guide F Table 20.1 - churches)
537941	174934		Lewisham Coroner's Court & Mort	8 LADYWELL ROAD	SE13 7UW	Local government	No	Local government estate		Natural gas	110.903		888							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
541618	171558		Grove Park Cemetery	MARVELS LANE	SE12 9PU	Local government	No	Local government estate		Natural gas	110.715		554							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
-			Ladywell Lodge Gatehouse			Local government	No	Local government estate		Natural gas	91.476		1,150							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
			Lewisham Registrar Office	368 LEWISHAM HIGH STREET	SE13 6LE	Local government	No	Local government estate		Natural gas	62.133		319							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
537016	177196		MIDI Music Company	77 WATSON'S STREET	SE8 4AU	Local government	No	Local government estate		Natural gas	59.843		963							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
537694	172261		Bellingam Sure Start Shop	22 RANDESDOWN ROAD	SE6 3BT	Local government	No	Local government estate		Natural gas	46.852		100							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
537694	172261		Bellingham Sure Start Centre	22 RANDESDOWN ROAD	SE6 3BT	Local government	No	Local government estate		Natural gas	46.134		211							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
-			Deptford Adventure Playground			Local government	No	Local government estate		Natural gas	42.764		230							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
-			Catford Citizens Advice			Local government	No	Local government estate		Natural gas	41.756		292							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
538916	173658		Lewisham Young Womens Project	308 BROWNHILL ROAD	SE6 1AU	Local government	No	Local government estate		Natural gas	36.894		258							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
-			Forest Hill & Sydenham Voluntary Care Centre			Local government	No	Local government estate		Natural gas	36.839		197							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
535997	175130		Honor Oak Sure Start	52 ST NORBERT ROAD	SE4 2HL	Local government	No	Local government estate		Natural gas	35		150							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
537653	171359		The Dumps Adventure Playground	14 OAKVIEW ROAD	SE6 3QF	Local government	No	Local government estate		Natural gas	32.188		170							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
			Lewisham Portage Service	77-81 AMERSHAM ROAD	SE14 6QQ	Local government	No	Local government estate		Natural gas	30		400							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
537167	174905		Ladywell Cemetery Lodge	CEMETARY ATTENDANTS LOD	SE13 7HY	Local government	No	Local government estate		Natural gas	27.066		222							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
-			Sydenham Citizens Advice Bureau			Local government	No	Local government estate		Natural gas	25		120							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
538700	174300		Slaithwaite Flats / Court	SLAITHWAITE ROAD	SE13 6EA	Local government	No	Local government estate		Natural gas	21.6		50							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
538345	173734		Redfern Road Groupwork Centre	30 REDFERN ROAD	SE6 2BH	Local government	No	Local government estate		Natural gas	17.57		80							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
538855	171084		Tintagel Centre	OLD BROMLEY ROAD	BR1 4JY	Local government	No	Local government estate		Natural gas	17.45		50							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
536804	177943		Evelyn Surestart Shop	307 EVELYN STREET	SE8 5RA	Local government	No	Local government estate		Natural gas	16.25		65							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
538177	176620		Heathside Early Years Centre	MELVILLE HOUSE 31, SPARTA	SE10 8DP	Local government	No	Local government estate		Natural gas	15.833		149							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
540690	172694		Grove Park Library Gardens Playcl	SOMERTREES AVENUE	SE12 0BX	Local government	No	Local government estate		Natural gas	15.495		244							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
539763	172809		Hither Green Cemetery	VERDANT LANE	SE6 1JX	Local government	No	Local government estate		Natural gas	15		500							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
538795	172044		Forster Park Playclub	WHITEFOOT LANE	BR1 5SD	Local government	No	Local government estate		Natural gas	13.96		40							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
534628	172000		Wells Park Health Project	106 WELLS PARK ROAD	SE26 6AS	Local government	No	Local government estate		Natural gas	11.011		77							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
537440	172110		Bellingham Green Play Area	BELLINGHAM GREEN	SE6 3HD	Local government	No	Local government estate		Natural gas	10.15		50							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
-			Downham Surestart Shop			Local government	No	Local government estate		Natural gas	10.15		50							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
538344	175519		Lewisham Opening Doors	LEWISHAM OPENING DOORS,	SE13 6AT	Local government	No	Local government estate		Natural gas	10.087		365							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
536688	175085		Brockley Cemetery	BROCKLEY CEMETERY LODGE	SE4 2OY	Local government	No	Local government estate		Natural gas	10		53							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
536327	178410		Deptford Park Playclub	DEPTFORD PARK PLAY CLUB,	SE8 5RJ	Local government	No	Local government estate		Natural gas	8		240							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
537112	176893		Tanners Hill OAP Club	PEARSONS AVENUE	SE14 6TN	Local government	No	Local government estate		Natural gas	5.112		40							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW
537207	177046		North Lewisham Law Centre	28 DEPTFORD HIGH STREET	SE8 4AF	Local government	No	Local government estate		Natural gas	3.591		193							2009			NI 185	No		Assuming all fossil fuel is used for space heating and DHW

537121	176640	Friendly Gardens Playclub	LUCAS STREET	SE8 4QH	Local government	No	cal government estate	Natural gas	1,366		40								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
537167	174905	Ladywell Cemetery	LADYWELL ROAD	SE13 7HY	Local government	No	cal government estate				250											NI 185	No		
536879	176563	Lewisham Art House	140 LEWISHAM WAY	SE14 6PD	Local government	No	cal government estate		228,762		1,611											NI 185	No	Assuming 142 kWh/m2/annum (CIBSE Guide F Table 20.1 - museums and art galleries)	
537493	173632	Lewisham Disability Coalition	2 CATFORD BROADWAY	SE6 4SP	Local government	No	cal government estate				100											NI 185	No	Assuming 151 kWh/m2/annum (CIBSE Guide F Table 20.1 - nat. ventilated offices)	
-		Mayow Road Furniture Store			Local government	No	cal government estate				300											NI 185	No	Assuming 169 kWh/m2/annum (CIBSE Guide F Table 20.1 - retail distribution warehouses)	
539405	171393	Rangefield After Schools Club	RANGEFIELD ROAD	BR1 4RP	Local government	No	cal government estate				105											NI 185	No	Assuming 144 kWh/m2/annum (CIBSE Guide F Table 20.1 - primary education)	
535230	172563	Louise House	DARTMOUTH ROAD	SE23 3HZ	Local government	No	cal government estate	Natural gas	0.72		367								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
537845	174140	Kaleidoscope	32 RUSHEY GREEN	SE6 4JF	Local government	No	cal government estate	Natural gas	721,446		1,929								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
536112	173816	Honor Lea Hostel	HONOR LEA HOSTEL, 103 117	SE23 1JN	Local government	No	cal government estate	Natural gas	620,075		1,772								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
536478	178196	Parker House	LEWISHAM REFUGEE NETWORK	SE8 5DD	Local government	No	cal government estate	Natural gas	118,866		1,071								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
537704	173244	Hollydale 45 (Children with Disabilities)	45 BROMLEY ROAD	SE6 2UA	Local government	No	cal government estate	Natural gas	114,499		453								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
537162	177323	St Paul's House	DEPTFORD HIGH STREET	SE8 4NS	Local government	No	cal government estate	Natural gas	98,416		706								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
539848	172288	Northover Support Centre	98 102 NORTHOVER	BR1 5PQ	Local government	No	cal government estate	Natural gas	71.02		403								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
537704	173244	Hollydale 43 (Leaving Care Team)	43 BROMLEY ROAD	SE6 2UA	Local government	No	cal government estate	Natural gas	36,912		542								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
538980	172512	Meliot Road 50 (Meliot Family Care)	50 MELIOT ROAD	SE6 1RY	Local government	No	cal government estate	Natural gas	33,306		459								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
		Windsor Castle (The)	161 DEPTFORD HIGH STREET	SE8 3NU	Local government	No	cal government estate	Natural gas	27.17		190								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
		Oakridge Road Centre	5 OAKRIDGE ROAD	BR1 5QW	Local government	No	cal government estate	Natural gas	15,672		288								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
-		Home Ownership Unit (Now SHIP)			Local government	No	cal government estate	Natural gas	12,282		195								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
		Northover Assessment Centre	102 NORTHOVER	BR1 5JX	Local government	No	cal government estate	Natural gas	8.58		60								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
538385	175514	Mercia House	MERCIA GROVE	SE13 6BJ	Local government	No	cal government estate	Natural gas	7.15		50								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
-		Lee Manor School Keepers House			Local government	No	cal government estate	Natural gas	5		60								2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.	
537901	174052	Housing Options Centre	3 ROSENTHAL ROAD	SE6 4AR	Local government	No	cal government estate		94,677		627											NI 185	No	Assuming 151 kWh/m2/annum (CIBSE Guide F Table 20.1 - nat. ventilated offices)	
538377	175485	Mercia Grove 23	FIRST FLOOR AND SECOND FLOOR	SE13 6BJ	Local government	No	cal government estate		165,043		1,093											NI 185	No	Assuming 151 kWh/m2/annum (CIBSE Guide F Table 20.1 - nat. ventilated offices)	
-		Wavelengths ICT Comms. Room			Local government	No	cal government estate				25											NI 185	No		
-		scolarest			Local government	No	Other public buildings	Natural gas	355,538											2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
-		Warren Avenue	Warren Avenue, Bromley	BR1 4BS	Local government	No	Other public buildings	Natural gas	38,406											2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
538592	174016	Mountsfield Park	STANTON ROAD, London	SE6 1AN	Local government	No	Other public buildings	Natural gas	22,2965											2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.
538793	171456	3 Old Bromley Road	3 Old Bromley Road, Bromley	BR1 4LB	Local government	No	Other public buildings	Natural gas	21,149											2009			NI 185	No	Assuming all fossil fuel is used for space heating and DHW.

**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
535692	2E+05		South East London Combined Heat & Power (SELCHP)	Landmann Way, London	SE14 5RS	Private	No	Power plants	Renewable			70.00	33						Notes of meeting held 14 March 1989 at 11am.	No	
536574	2E+05		Phase III, Former Bell Gas Works	Perry Hill	SE6 4HD	Private	Yes	ther low-zero carbon plant	Mixed source										LEP Database	No	
										0	0	70.00	33.00	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	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	Comments
536500	178337		The Deptford Wharves	Evelyn Road, Deptford	SELCHP	SE8 5RJ	Private	Boilers and CHP	Natural Gas											Greater London Authority PDU/2232MM02	No		THIS IS A ACHEME THAT MAY POTENTIALLY CONNECT TO THE SELCHP DH NETWORK IN THE FUTURE.
537194	176725		1-41 Leander Court	Building?	Ship Street	SE8 4DH	Private	Boilers	Natural Gas											LEP Database.	No		
538214	175878		Lewisham Gateway	Lewisham Gateway	Proposed	SE13 5JW	Private													LEP Database.	No		
536574	172082		Phase III, Former Bell Gas Works	Perry Hill	Proposed	SE6 4HD	Private													LEP Database.	No		
<b>TOTAL</b>										<b>0.00</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

	Manual input (word)
	Select from drop-down
	Mandatory input
	Desirable input

**Area 1 Deptford/New Cross**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Convoys Wharf	Convey Way, Deptford	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)	Assets including CHP	Natural gas	8,152	3,514	Estimate
Goldsmiths University, Main Site	New Cross	Other public	No	Education facilities		Natural gas	7,471		
Convoys Wharf	Convey Way, Deptford	Private	Yes	Private commercial (> 9,999 m2)			7,189		Estimate
The Deptford Wharves	Evelyn Road, Deptford	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)	Assets including CHP	Natural gas	4,373	930	
Lewisham College, Brockley		Local government	No	Education facilities			4,044		LDA
Marine Wharf (West)	Plough Way, Deptford	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)	Central Boilers	Renewable	2,937	527	
Oxestalls Road		Private	Yes	Private residential (> 149 units or 9,999 m2)			2,204	950	Estimate
Oxestalls Road		Private	Yes	Private commercial (> 9,999 m2)			1,675		Estimate
Heathside & Lethbridge	BLACKHEATH HILL	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)			1,471	634	Estimate
Goldsmiths University, Loring Hall	274 New Cross Road	Other public	No	Education facilities		Natural gas	1,382		
Goldsmiths University, Surrey House	80 Lewisham Way	Other public	No	Education facilities		Natural gas	1,263		
DEPTFORD GREEN MAIN SITE	AMERSHAM VALE	Local government	No	Education facilities		Natural gas	1,223		
New Cross Gate Station Sites		Private	Yes	Private residential (> 149 units or 9,999 m2)			1,072	285	Estimate
Seager		Unidentified	Yes	Private residential (> 149 units or 9,999 m2)			1,045	278	Estimate
Thanet Wharf (Creekside Village East)		Private	Yes	Private residential (> 149 units or 9,999 m2)			850	226	Estimate
Lapwing Tower	Taylor Close, Lewisham	Unidentified	No	Private residential (> 149 units or 9,999 m2)	Electric heating	Electricity	768	64	
Marine Tower	Abinger Grove, Lewisham	Unidentified	No	Private residential (> 149 units or 9,999 m2)	Electric heating	Electricity	768	64	
Mermaid Tower	Abinger Grove, Lewisham	Unidentified	No	Private residential (> 149 units or 9,999 m2)	Electric heating	Electricity	768	64	
Dolphin Tower	Abinger Grove, Lewisham	Unidentified	No	Private residential (> 149 units or 9,999 m2)	Electric heating	Electricity	768	64	
New Cross Gate Sainsbury's		Private	Yes	Private residential (> 149 units or 9,999 m2)			752	200	Estimate
Kent and Sun Wharf		Private	Yes	Private residential (> 149 units or 9,999 m2)			696	300	Estimate
Cannon Wharf		Private	Yes	Private commercial (> 9,999 m2)			603		Estimate
Grinstead Road		Private	Yes	Private residential (> 149 units or 9,999 m2)			602	160	Estimate
ADDEY & STANHOPE	472 NEW CROSS ROAD	Local government	No	Education facilities		Natural gas	564		
Silwood Estate	Concorde Way, Deptford	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)	Assets including CHP	Natural gas	549	146	Estimate
Goldsmiths University, Batavia Mews	New Cross Road	Other public	No	Education facilities	Individual boilers	Natural gas	522		
Goldsmiths University, Dean House	339-353 New Cross Road	Other public	No	Education facilities	Individual boilers	Natural gas	486		
MYATT GARDENS	ROKEBY ROAD	Local government	No	Education facilities		Natural gas	484		
CHILDERIC	CHILDERIC ROAD	Local government	No	Education facilities		Natural gas	483		
The Deptford Wharves	Evelyn Road, Deptford	Private	Yes	Private commercial (> 9,999 m2)	Assets including CHP	Natural gas	467		
Arklow Road		Private	Yes	Private residential (> 149 units or 9,999 m2)			464	200	Estimate
Wavelengths	GIFFIN STREET	Local government	No	Sport & Leisure facilities		Natural gas	460		
Marine Wharf (West)	Plough Way, Deptford	Private	Yes	Private commercial (> 9,999 m2)	Central Boilers	Renewable	449		
Laurie Grove Baths	7-10 Laurie Grove	Other public	No	Education facilities		Natural gas	443		
DEPTFORD PARK	EVELYN STREET	Local government	No	Education facilities		Natural gas	437		
	286 New Cross Road	Other public	No	Education facilities		Natural gas	436		

**Area 1 Deptford/New Cross, continued**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Goldsmiths University, Deptford Town Hall	New Cross Road,	Other public	No	Education facilities		Natural gas	433		
Octavius Street/Deptford Station		Private	Yes	Private residential (> 149 units or 9,999 m2)			432	115	Estimate
DEPTFORD GREEN ANNEX	ANGUS STREET	Local government	No	Education facilities		Natural gas	429		
Goldsmiths University, Arts Building		Other public	No	Education facilities		Natural gas	385		
Mulberry Resource Centre	15 AMERSHAM VALE	Local government	No	Local government estate		Natural gas	364		
Goldsmiths University, Chesterman House	334-336 New Cross Road	Other public	No	Education facilities		Natural gas	361		
ASHMEADsch/nursery	ASHMEAD ROAD	Local government	No	Education facilities			348		Estimate
Trundleys Road (Rival Envelope Co.)		Private	Yes	Private residential (> 149 units or 9,999 m2)			331	88	Estimate
GRINLING GIBBONS	CLYDE STREET	Local government	No	Education facilities		Natural gas	305		
mornington decant	MORNINGTON ROAD	Local government	No	Education facilities		Natural gas	272		
TIDEMILL	FRANKHAM STREET	Local government	No	Education facilities		Natural gas	252		
Amersham Road Early Years	AMERSHAM EARLY YEARS, 75 AMERSHAM ROAD	Local government	No	Local government estate		Natural gas	242		
ST STEPHENS	ALBYN ROAD	Local government	No	Education facilities		Natural gas	236		
LUCAS VALE	THORNVILLE STREET	Local government	No	Education facilities		Natural gas	230		
Lewisham Art House	140 LEWISHAM WAY	Local government	No	Local government estate			229		Estimate
CLYDE	ALVERTON STREET	Local government	No	Education facilities		Natural gas	216		
SIR FRANCIS DRAKE	SCAWEN ROAD	Local government	No	Education facilities		Natural gas	204		
DEPTFORD FIRE STATION	186 EVELYN STREET	Other public	No	Fire stations	Individual boilers	Natural gas	153		LDA
Woodpecker Childcare Training Centre	20 WOODPECKER ROAD	Local government	No	Local government estate		Natural gas	145		
Giffin Street Regeneration Area	Giffin Street, London	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)			143	38	Estimate
ST JAMES HATCHAM	4 ST JAMES'S	Local government	No	Education facilities		Natural gas	122		
Parker House	LEWISHAM REFUGEE NETWORK, 144 EVELYN STREET	Local government	No	Local government estate		Natural gas	119		
Woodpecker Community Centre	101 WOODPECKER ROAD	Local government	No	Sport & Leisure facilities		Natural gas	106		
St Paul's House	DEPTFORD HIGH STREET	Local government	No	Local government estate		Natural gas	98		
Riverside Youth Centre	GROVE STREET	Local government	No	Local government estate		Natural gas	95		
Hughesfield Centre	NEW KING STREET	Local government	No	Local government estate		Natural gas	82		
Evelyn Community Centre	1 KINGFISHER SQUARE, CLYDE STREET	Local government	No	Sport & Leisure facilities		Natural gas	81		
Compass Day Centre	32 34 WATSON'S STREET	Local government	No	Education facilities		Natural gas	79		
5 Steps Community Nursery	15 LAMBOURNE GROVE	Local government	No	Local government estate		Natural gas	66		
MIDI Music Company	77 WATSON'S STREET	Local government	No	Local government estate		Natural gas	60		
2000 Community Centre	199 GROVE STREET	Local government	No	Sport & Leisure facilities		Natural gas	49		
Heathside & Lethbridge Hall	BLACKHEATH HILL	Local government	No	Sport & Leisure facilities		Natural gas	38		
	37-39 Lewisham Way, London	Unidentified	No	Private residential (> 149 units or 9,999 m2)			38	10	Estimate
Clare Hall	CLARE ROAD	Local government	No	Sport & Leisure facilities		Natural gas	28		
Giffin Street Regeneration Area	Giffin Street, London	Private	Yes	Private commercial (> 9,999 m2)			28		Estimate
Etta Street Hall Centre	GOSTERWOOD STREET	Local government	No	Sport & Leisure facilities		Natural gas	24		
New Cross Library	283 285 NEW CROSS ROAD	Local government	No	Local government estate		Natural gas	21		
Lethbridge Close Clubroom	58 LETHBRIDGE CLOSE	Local government	No	Sport & Leisure facilities		Natural gas	21		
Evelyn Surestart Shop	307 EVELYN STREET	Local government	No	Local government estate		Natural gas	16		
Heathside Early Years Centre	MELVILLE HOUSE 31, SPARTA STREET	Local government	No	Local government estate		Natural gas	16		
Sayes Court Clubroom	341 EVELYN STREET	Local government	No	Sport & Leisure facilities		Natural gas	14		
Lewisham Way Youth and Community Centre	138 LEWISHAM WAY	Local government	No	Local government estate		Natural gas	9		
Albury Street Meeting Room	48 ALBURY STREET	Local government	No	Sport & Leisure facilities		Natural gas	9		
JAMES LIND HOUSE	LIND CLINIC, GROVE STREET	Other public	No	NHS		Natural gas	9		
Deptford Park Playclub	DEPTFORD PARK PLAY CLUB, EVELYN STREET	Local government	No	Local government estate		Natural gas	8		
Trinity Hall	EVELYN STREET	Local government	No	Sport & Leisure facilities		Natural gas	6		
Tanners Hill OAP Club	PEARSONS AVENUE	Local government	No	Local government estate		Natural gas	5		
Lewisham Supplementary Schools & Heritage Language Consortium	82 TANNERS HILL	Local government	No	Education facilities		Natural gas	4		
North Lewisham Law Centre	28 DEPTFORD HIGH STREET	Local government	No	Local government estate		Natural gas	4		
Friendly Gardens Playclub	LUCAS STREET	Local government	No	Local government estate		Natural gas	1		
The London Borough of Lewisham	8 Kingfisher Square ,London	Central government	No	Central government estate					LDA
Aldermoor Associates	6 Clifton Rise, London	Private	No	Museum and art gallery					LDA

**Area 1 Deptford/New Cross, continued**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Gallery Fresh	21 Watsons Street, London	Private	No	Museum and art gallery					LDA
Museum of Installation	171 Deptford High Street, London	Private	No	Museum and art gallery					LDA
The Albany Ltd		Private	No	Museum and art gallery					LDA
The Art in Perpetuity Trust	Harold Works 6 Creekside, London	Private	No	Museum and art gallery					LDA
LEWISHAM INDO CHINESE COMMUNITY & SCHOOL	LEWISHAM INDO CHINESE COMMUNITY & SCHOOL	Unidentified	No	Education facilities					LDA
ADDEY & STANHOPE SCHOOL	ADDEY & STANHOPE SCHOOL	Unidentified	No	Education facilities					LDA
ST. JOSEPHS RC SCHOOL	ST. JOSEPHS RC SCHOOL	Unidentified	No	Education facilities					LDA
Iyengar Yoga Institute of South London	470, New Cross Road, London	Unidentified	No	Sport & Leisure facilities					LDA
HOLDEN HOUSE	FLAT 41 DEPTFORD CHURCH STREET LONDON	Private	No	Multi-address buildings				68	LDA
ICELAND WHARF	FLAT 59 PLOUGH WAY LONDON	Private	No	Multi-address buildings				68	LDA
PITMAN HOUSE	FLAT 1 90 TANNERS HILL LONDON	Private	No	Multi-address buildings				60	LDA
HAWKE TOWER	FLAT 1 NYNEHEAD STREET LONDON	Private	No	Multi-address buildings				92	LDA
MONTANA BUILDING	FLAT 1 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				89	LDA
HESTON HOUSE	FLAT 1 TANNERS HILL LONDON	Private	No	Multi-address buildings				80	LDA
BEMBRIDGE HOUSE	FLAT 1 LONGSHORE LONDON	Private	No	Multi-address buildings				53	LDA
BENCE HOUSE	FLAT 1 RAINSBOROUGH AVENUE LONDON	Private	No	Multi-address buildings				53	LDA
GRANSDEN HOUSE	FLAT 1 BOWDITCH LONDON	Private	No	Multi-address buildings				80	LDA
PENDENNIS HOUSE	FLAT 1 RAINSBOROUGH AVENUE LONDON	Private	No	Multi-address buildings				53	LDA
MERETON MANSIONS	FLAT 1 BROOKMILL ROAD LONDON	Private	No	Multi-address buildings				72	LDA
WASHINGTON BUILDING	FLAT 405 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				51	LDA
PELICAN HOUSE	FLAT 1 BOWDITCH LONDON	Private	No	Multi-address buildings				53	LDA
FERGUSON HOUSE	FLAT 1 SPARTA STREET LONDON	Private	No	Multi-address buildings				50	LDA
DAUBENEY TOWER	FLAT 1 BOWDITCH LONDON	Private	No	Multi-address buildings				146	LDA
VARDON HOUSE	FLAT 1 SPARTA STREET LONDON	Private	No	Multi-address buildings				50	LDA
ARGOSY HOUSE	FLAT 1 WINDLASS PLACE LONDON	Private	No	Multi-address buildings				53	LDA
INDIANA BUILDING	FLAT 505 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				67	LDA
WILSHAW HOUSE	FLAT 41 DEPTFORD CHURCH STREET LONDON	Private	No	Multi-address buildings				68	LDA
DAKOTA BUILDING	FLAT 202 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				71	LDA
COLORADO BUILDING	FLAT 101 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				67	LDA
ASTRA HOUSE 23-25	APARTMENT 508 ARKLOW ROAD LONDON	Private	No	Multi-address buildings				60	LDA
LANYARD HOUSE	FLAT 1 WINDLASS PLACE LONDON	Private	No	Multi-address buildings				53	LDA
HARMON HOUSE	FLAT 1 BOWDITCH LONDON	Private	No	Multi-address buildings				53	LDA
DELORAINE HOUSE	FLAT 1 TANNERS HILL LONDON	Private	No	Multi-address buildings				68	LDA
ARAGON TOWER	FLAT 1.01 GEORGE BEARD ROAD LONDON	Private	No	Multi-address buildings				160	LDA
CALIFORNIA BUILDING	FLAT 101 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				99	LDA
ALASKA BUILDING	FLAT 101 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				87	LDA
HAZELWOOD HOUSE	FLAT 1 EVELYN STREET LONDON	Private	No	Multi-address buildings				88	LDA
	1 TRUNDLEYS TERRACE LONDON	Private	No	Multi-address buildings				50	LDA
EDDYSTONE TOWER	FLAT 100 OXESTALLS ROAD LONDON	Private	No	Multi-address buildings				144	LDA
ARIZONA BUILDING	FLAT 101 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				65	LDA
CLEMENT HOUSE	FLAT 1 RAINSBOROUGH AVENUE LONDON	Private	No	Multi-address buildings				53	LDA
TRAVIS HOUSE	FLAT 1 SPARTA STREET LONDON	Private	No	Multi-address buildings				50	LDA
COMMUNITY CENTRE	ROCHDALE WAY	Unidentified	No	Sport & Leisure facilities					
MOONSHOT COMMUNITY CENTRE	ANGUS STREET	Unidentified	No	Sport & Leisure facilities					
THE DEPTFORD MARKET WOMEN AND CHILDRENS CENTRE	GIFFIN STREET	Unidentified	No	Sport & Leisure facilities					
LEANDER COMMUNITY CENTRE	SHIP STREET	Unidentified	No	Sport & Leisure facilities					
COMMUNITY HEALTH	SPARTA STREET	Unidentified	No	Sport & Leisure facilities					
COMMUNITY HEALTH	SOMERVILLE DAY NURSERY, SPARTA STREET	Unidentified	No	Sport & Leisure facilities					
7-17 Yeoman Street		Unidentified	Yes	Private residential (> 149 units or 9,999 m2)					Estimate
Cannon Wharf	Plough Way, Deptford	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)					Estimate
7-17 Yeoman Street		Private	Yes	Private commercial (> 9,999 m2)					
DEPTFORD POLICE STATION	114 116 AMERSHAM VALE	Other public	No	Police stations					
THE TERRACE	LONGSHORE	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	2-28 SAYES COURT STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	94-96 GOSTERWOOD STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			

**Area 1 Deptford/New Cross, continued**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
	70-76 ETTA STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	69-79 ETTA STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	45 ALBURY STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
JOHN PENN HOUSE	112 AMERSHAM VALE	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-31	14 LUDWICK MEWS	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	4-16 HEALD STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	1-35 OMEGA STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	2-18 OMEGA STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
COMMODORE COURT	ALBYN ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Cannon Wharf		Unidentified	Yes	Education facilities					
Giffin Street Regeneration Area	Giffin Street, London	Unidentified	Yes	Education facilities					
LEWISHAM COLLEGE	2 DEPTFORD CHURCH STREET	Private	No	Education facilities					
EVELYNN HALL	STAUNTON STREET	Other public	No	Churches					
DEPTFORD METHODIST CHURCH	CREEK ROAD	Other public	No	Churches					
ST MICHAELS CENTRE	FLAT 3, DESMOND STREET	Other public	No	Churches					
ST MARKS CHURCH	EDWARD STREET	Other public	No	Churches					
THE SALVATION ARMY	MARY ANN GARDENS	Other public	No	Churches					
ST PAULS CHURCH	DIAMOND WAY	Other public	No	Churches					
THE BEAR	154 156 DEPTFORD HIGH STREET	Other public	No	Churches					
OLIVET DEPTFORD BAPTIST CHURCH	EDWARD STREET	Other public	No	Churches					
CHRIST LIFE WORLD OUTREACH CENTRE	124 DEPTFORD HIGH STREET	Other public	No	Churches					
SHAFTESBURY CHRISTIAN CENTRE	FRANKHAM STREET	Other public	No	Churches					
NEW CROSS ROAD BAPTIST CHURCH	466 NEW CROSS ROAD	Other public	No	Churches					
CELESTIAL CHURCH OF CHRIST	HARTON STREET	Other public	No	Churches					
ST JOHNS CHURCH	ST JOHN'S VALE	Other public	No	Churches					
VICARAGE	2 ST JOHN'S VALE	Other public	No	Churches					
CLIFTON RISE MEDICAL CENTRE	27 CLIFTON RISE	Other public	No	NHS					
KINGFISHER SQUARE	KINGFISHER MEDICAL CENTRE, CLYDE STREET	Other public	No	NHS					
THE MEDICAL CENTRE	24 LAURIE GROVE	Other public	No	NHS					
THE MORDEN HILL SURGERY	21 23 MORDEN HILL	Other public	No	NHS					
DEPTFORD SURGERY	504 NEW CROSS ROAD	Other public	No	NHS					
MORNINGTON SURGERY	433 NEW CROSS ROAD	Other public	No	NHS					
DEPTFORD MEDICAL CENTRE	PEARSONS AVENUE	Other public	No	NHS					
WALDRON HEALTH CENTRE	STANLEY STREET	Other public	No	NHS					
GROVE MEDICAL CENTRE	WINDLASS PLACE	Other public	No	NHS					
<b>Total</b>							65,283		

**Area 2 Central Lewisham**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Loampit Vale (E&W of Elmira Street)		Private	Yes	Private residential (> 149 units or 9,999 m2)			2,963	788	Estimate
Lewisham Gateway		Private	Yes	Private residential (> 149 units or 9,999 m2)			1,856	800	Estimate
Connington Road		Private	Yes	Private residential (> 149 units or 9,999 m2)			1,842	490	Estimate
Loampit Vale (W of Jerrard Street)		Private	Yes	Private residential (> 149 units or 9,999 m2)			1,527	406	Estimate
Loampit Vale (E of Jerrard Street)		Private	Yes	Private residential (> 149 units or 9,999 m2)			812	350	Estimate
LEWISHAM BRIDGE	ELMIRA STREET	Local government	No	Education facilities		Natural gas	484		
Loampit Vale Railway Strip		Private	Yes	Private residential (> 149 units or 9,999 m2)			226	60	Estimate
Granville Park CEL	100 GRANVILLE PARK	Local government	No	Local government estate		Natural gas	164		
CENTURY HOUSE	FLAT 1 ARMOURY ROAD LONDON	Private	No	Multi-address buildings				58	LDA
LEWISHAM POLICE STATION	43 LEWISHAM HIGH STREET	Other public	No	Police stations					
LEWISHAM CHRISTIAN CENTRE	VIAN STREET	Other public	No	Churches					
<b>Total</b>							<b>9,874</b>		

**Area 3 Hither Green**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Nightingale Grove Hither Green		Private	Yes	Private residential (> 149 units or 9,999 m2)			496	132	Estimate
HITHER GREEN	BEACON ROAD	Local government	No	Education facilities		Natural gas	449		
Nightingale Grove Hither Green		Private	Yes	Private residential (> 149 units or 9,999 m2)			244	65	Estimate
9 Staplehurst Road		Private	Yes	Private residential (> 149 units or 9,999 m2)			214	57	Estimate
Library Resource Centre	305 315 HITHER GREEN LANE	Local government	No	Local government estate		Natural gas	97		
Slaithwaite Flats / Court	SLAITHWAITE ROAD	Local government	No	Local government estate		Natural gas	22		
TARA SWIMMING POOLS & SPAS	274, 274, HITHER GREEN LANE, LONDON	Unidentified	No	Sport & Leisure facilities					LDA
CHERRYWOOD LODGE	FLAT 1 OAKWOOD CLOSE LONDON	Private	No	Multi-address buildings				86	LDA
KINGSWOOD COURT	FLAT 1 HITHER GREEN LANE LONDON	Private	No	Multi-address buildings				66	LDA
ROSSE GARDENS	FLAT 1 DESVIGNES DRIVE LONDON	Private	No	Multi-address buildings				102	LDA
CATALPA COURT	FLAT 1 HITHER GREEN LANE LONDON	Private	No	Multi-address buildings				84	LDA
Flats 1-15	31 BEACON ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
EDWIN HALL PLACE	4WOODLANDS HEALTH CENTRE, HITHER GREEN LANE	Other public	No	NHS					
<b>Total</b>							<b>1,523</b>		

**Area 4 Catford/Lewisham 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
UNIVERSITY HOSPITAL LEWISHAM	LEWISHAM HIGH STREET	Other public	No	NHS		Natural gas	24,350		
Lewisham Town Hall	CATFORD ROAD	Local government		Local government estate		Natural gas	2,674		
Catford Greyhound Stadium		Private	Yes	Private residential (> 149 units or 9,999 m2)			2,215	589	Estimate
Catford Shopping Centre		Private	Yes	Private residential (> 149 units or 9,999 m2)			1,392	600	Estimate
Plassy Road Island		Private	Yes	Private residential (> 149 units or 9,999 m2)			1,160	500	Estimate
Town Hall Chambers	RUSHEY GREEN	Local government		Local government estate			1,129		Estimate
RUSHEY GREEN	CULVERLEY ROAD	Local government	No	Education facilities		Natural gas	805		
Kaleidoscope	32 RUSHEY GREEN	Local government	No	Local government estate		Natural gas	721		
Civic Suite	CATFORD ROAD	Local government		Local government estate			593		Estimate
LEWISHAM FIRE STATION	249-259 LEWISHAM HIGH STREET	Other public	No	Fire stations	Individual boilers	Natural gas	508		LDA
BENEFITS AGENCY	9-19 RUSHEY GREEN	Central government	No	Central government estate		Oil	409		LDA
HOLBEACH	DOGGETT ROAD	Local government	No	Education facilities		Natural gas	371		
ST MARYS	LEWISHAM HIGH STREET	Local government	No	Education facilities		Natural gas	240		
2-36 Plassy Road		Private	Yes	Private residential (> 149 units or 9,999 m2)			226	60	Estimate
Ladywell LC	261 LEWISHAM HIGH STREET	Local government	No	Sport & Leisure facilities		Natural gas	201		
Former George PH		Private	Yes	Private residential (> 149 units or 9,999 m2)			132	35	Estimate
Catford Library	CATFORD LIBRARY, 1 CATFORD ROAD	Local government	No	Local government estate			128		Estimate
Hollydale 45 (Children with Disabilities)	45 BROMLEY ROAD	Local government	No	Local government estate		Natural gas	114		
Former Rising Sun PH		Private	Yes	Private residential (> 149 units or 9,999 m2)			113	30	Estimate
Lewisham Tuition Centres, 25 Bromley Rd, Catford		Local government	No	Education facilities			112		LDA
Lewisham Coroner's Court & Mortuary	8 LADYWELL ROAD	Local government	No	Local government estate		Natural gas	111		
Central Clinic	410 LEWISHAM HIGH STREET	Local government	No	NHS		Natural gas	110		
Housing Options Centre	3 ROSENTHAL ROAD	Local government	No	Local government estate			95		Estimate
Saville Day Centre	436 438 LEWISHAM HIGH STREET	Local government	No	Local government estate		Natural gas	93		
Lewisham Irish Community Centre	2A DAVENPORT ROAD	Local government	No	Sport & Leisure facilities		Natural gas	81		
Ladywell arena	SILVERMERE ROAD	Local government	No	Sport & Leisure facilities		Natural gas	41		
Holbeach CEL	NELGARDE ROAD	Local government	No	Local government estate		Natural gas	38		
Hollydale 43 (Leaving Care Team)	43 BROMLEY ROAD	Local government	No	Local government estate		Natural gas	37		
Lewisham Disability Coalition	2 CATFORD BROADWAY	Local government	No	Local government estate			15		Estimate
Holbeach After Schools Club	DOGGETT ROAD	Local government	No	Local government estate			9		Estimate
The London Borough of Lewisham	368 Lewisham High Street ,London	Central government	No	Central government estate					LDA
The London Borough of Lewisham	86 Rushey Green ,London	Central government	No	Central government estate					LDA
THE OLIVE TREE SCHOOL	THE OLIVE TREE SCHOOL	Unidentified	No	Education facilities					LDA
Leisure Centre		Unidentified	No	Sport & Leisure facilities					LDA
Skyline Gym	96, Rushey Green, London	Unidentified	No	Sport & Leisure facilities					LDA
BREDGAR	FLAT 1 LEWISHAM PARK LONDON	Private	No	Multi-address buildings				68	LDA
EROS HOUSE	FLAT 1 BROWNHILL ROAD LONDON	Private	No	Multi-address buildings				63	LDA
KEMSLEY	FLAT 1 LEWISHAM PARK LONDON	Private	No	Multi-address buildings				68	LDA
MALLING	FLAT 1 LEWISHAM PARK LONDON	Private	No	Multi-address buildings				68	LDA
13 STANNARD COURT	CULVERLEY ROAD LONDON	Private	No	Multi-address buildings				61	LDA
Broadway Theatre	CATFORD ROAD	Local government	No	Local government estate					
	HITHER GREEN BAPTIST CHURCH, 22 HONLEY ROAD	Other public	No	Churches					
THE SALVATION ARMY	23 25 BROWNHILL ROAD	Other public	No	Churches					
	SAINT LAURENCE CHURCH OF ENGLAND CHURCH, 37 BROMLEY ROAD	Other public	No	Churches					
	37 BROMLEY ROAD	Other public	No	Churches					
THE PRIMARY CARE CENTRE	RUSHEY GREEN GROUP PRACTICE, HAWSTEAD ROAD	Other public	No	NHS					
<b>Total</b>							<b>38,222</b>		

**Area 5 Sydenham**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Hive Hotel	185 Dartmouth Road, London	Private	No	Hotels (> 99 units or 4,999 m2)			2,610	125	Estimate
KELVIN GROVE	KELVIN GROVE	Local government	No	Education facilities		Natural gas	503		
New Woodlands School, Sydenham		Local government	No	Education facilities			348		LDA
Kirkdale Centre CEL	84 KIRKDALE	Local government	No	Local government estate		Natural gas	339		
SYDENHAM	ROOF LEVEL 5648, DARTMOUTH ROAD	Local government	No	Education facilities		Natural gas	253		
Forest Hill Library	DARTMOUTH ROAD	Local government	No	Local government estate		Natural gas	100		
	181-191 Kirkdale, London	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)			71	19	Estimate
HOLY TRINITY	DARTMOUTH ROAD	Local government	No	Education facilities		Natural gas	66		
Wells Park Hall	WELLS PARK ROAD	Local government	No	Sport & Leisure facilities		Natural gas	59		
Sydenham Service Centre	WILLOW WAY	Local government	No	Other public buildings		Natural gas	11		
Wells Park Health Project	106 WELLS PARK ROAD	Local government	No	Local government estate		Natural gas	11		
Louise House Early Years Centre	EARLY YEARS CENTRE, DARTMOUTH ROAD	Local government	No	Local government estate		Natural gas	9		
Louise House	DARTMOUTH ROAD	Local government	No	Local government estate		Natural gas	1		
Faces Health & Beauty Studio	251, Dartmouth Road, London	Unidentified	No	Sport & Leisure facilities					LDA
Simply Woman Health Club	Park Hall, Sydenham Park, London	Unidentified	No	Sport & Leisure facilities					LDA
Forest Hill Pools	DARTMOUTH ROAD	Local government	No	Sport & Leisure facilities					
SYDENHAM POLICE STATION	179 DARTMOUTH ROAD	Other public	No	Police stations					
MIRIAM LODGE	185 DARTMOUTH ROAD	Private	No	Multi-address buildings					
	1-18 MILL GARDENS	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	2-36 HENSFORD GARDENS	Private	No	Multi-address buildings	Central Boilers	Natural gas			
HOLY TRINITY CHURCH CENTRE	4 TRINITY PATH	Other public	No	Churches					
ST PHILIP THE APOSTLE CHURCH	COOMBE ROAD	Other public	No	Churches					
THE GROVE CENTRE CHURCH	2 JEWS WALK	Other public	No	Churches					
WELLS PARK PRACTICE	1 WELLS PARK ROAD	Other public	No	NHS					
<b>Total</b>							<b>4,382</b>		

**Area 1 Deptford**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Convoys Wharf	Convey Way, Deptford	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)	Assets including CHP	Natural gas	8,152	3,514	Estimate
Goldsmiths University, Main Site	New Cross	Other public	No	Education facilities		Natural gas	7,471		
Convoys Wharf	Convey Way, Deptford	Private	Yes	Private commercial (> 9,999 m2)			7,189		Estimate
Surrey Canal Road (Millwall)		Private	Yes	Private residential (> 149 units or 9,999 m2)			6,264	2,700	Estimate
The Deptford Wharves	Evelyn Road, Deptford	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)	Assets including CHP	Natural gas	4,373	930	
Lewisham College, Brockley		Local government	No	Education facilities			4,044		LDA
Surrey Canal Road (Millwall)		Private	Yes	Private commercial (> 9,999 m2)			2,995		Estimate
Marine Wharf (West)	Plough Way, Deptford	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)	Central Boilers	Renewable	2,937	527	
Oxestalls Road		Private	Yes	Private residential (> 149 units or 9,999 m2)			2,204	950	Estimate
Oxestalls Road		Private	Yes	Private commercial (> 9,999 m2)			1,675		Estimate
Goldsmiths University, Loring Hall	274 New Cross Road	Other public	No	Education facilities		Natural gas	1,382		
Goldsmiths University, Surrey House	80 Lewisham Way	Other public	No	Education facilities		Natural gas	1,263		
DEPTFORD GREEN MAIN SITE	AMERSHAM VALE	Local government	No	Education facilities		Natural gas	1,223		
New Cross Gate Station Sites		Private	Yes	Private residential (> 149 units or 9,999 m2)			1,072	285	Estimate
Seager		Unidentified	Yes	Private residential (> 149 units or 9,999 m2)			1,045	278	Estimate
Thanet Wharf (Creekside Village East)		Private	Yes	Private residential (> 149 units or 9,999 m2)			850	226	Estimate
Lapwing Tower	Taylor Close, Lewisham	Unidentified	No	Private residential (> 149 units or 9,999 m2)	Electric heating	Electricity	768	64	
Marine Tower	Abinger Grove, Lewisham	Unidentified	No	Private residential (> 149 units or 9,999 m2)	Electric heating	Electricity	768	64	
Mermaid Tower	Abinger Grove, Lewisham	Unidentified	No	Private residential (> 149 units or 9,999 m2)	Electric heating	Electricity	768	64	
Dolphin Tower	Abinger Grove, Lewisham	Unidentified	No	Private residential (> 149 units or 9,999 m2)	Electric heating	Electricity	768	64	
New Cross Gate Sainsbury's		Private	Yes	Private residential (> 149 units or 9,999 m2)			752	200	Estimate
Kent and Sun Wharf		Private	Yes	Private residential (> 149 units or 9,999 m2)			696	300	Estimate
New Cross Gate NDC Centre		Private	Yes	Private residential (> 149 units or 9,999 m2)			650	173	Estimate
Cannon Wharf		Private	Yes	Private commercial (> 9,999 m2)			603		Estimate
Grinstead Road		Private	Yes	Private residential (> 149 units or 9,999 m2)			602	160	Estimate
ADDEY & STANHOPE	472 NEW CROSS ROAD	Local government	No	Education facilities		Natural gas	564		
Silwood Estate	Concorde Way, Deptford	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)	Assets including CHP	Natural gas	549	146	Estimate
Goldsmiths University, Batavia Mews	New Cross Road	Other public	No	Education facilities	Individual boilers	Natural gas	522		
Goldsmiths University, Dean House	339-353 New Cross Road	Other public	No	Education facilities	Individual boilers	Natural gas	486		
MYATT GARDENS	ROKEBY ROAD	Local government	No	Education facilities		Natural gas	484		
CHILDERIC	CHILDERIC ROAD	Local government	No	Education facilities		Natural gas	483		
The Deptford Wharves	Evelyn Road, Deptford	Private	Yes	Private commercial (> 9,999 m2)	Assets including CHP	Natural gas	467		
Arklow Road		Private	Yes	Private residential (> 149 units or 9,999 m2)			464	200	Estimate
Wavelengths	GIFFIN STREET	Local government	No	Sport & Leisure facilities		Natural gas	460		

**Area 1 Deptford, continued**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Marine Wharf (West)	Plough Way, Deptford	Private	Yes	Private commercial (> 9,999 m2)	Central Boilers	Renewable	449		
Laurie Grove Baths	7-10 Laurie Grove	Other public	No	Education facilities		Natural gas	443		
CROSSWAYS ACADEMY	SPRULES ROAD	Local government	No	Education facilities		Natural gas	443		
DEPTFORD PARK	EVELYN STREET	Local government	No	Education facilities		Natural gas	437		
	286 New Cross Road	Other public	No	Education facilities		Natural gas	436		
Goldsmiths University, Deptford Town Hall	New Cross Road,	Other public	No	Education facilities		Natural gas	433		
Octavius Street/Deptford Station		Private	Yes	Private residential (> 149 units or 9,999 m2)			432	115	Estimate
DEPTFORD GREEN ANNEX	ANGUS STREET	Local government	No	Education facilities		Natural gas	429		
EDMUND WALLER	WALLER ROAD	Local government	No	Education facilities		Natural gas	390		
Goldsmiths University, Arts Building		Other public	No	Education facilities		Natural gas	385		
Mulberry Resource Centre	15 AMERSHAM VALE	Local government	No	Local government estate		Natural gas	364		
Goldsmiths University, Chesterman House	334-336 New Cross Road	Other public	No	Education facilities		Natural gas	361		
ASHMEADsch/nursery	ASHMEAD ROAD	Local government	No	Education facilities			348		Estimate
Trundleys Road (Rival Envelope Co.)		Private	Yes	Private residential (> 149 units or 9,999 m2)			331	88	Estimate
NEW CROSS FIRE STATION	266 QUEENS ROAD	Other public	No	Fire stations	Individual boilers	Natural gas	326		LDA
GRINLING GIBBONS	CLYDE STREET	Local government	No	Education facilities		Natural gas	305		
mornington decant	MORNINGTON ROAD	Local government	No	Education facilities		Natural gas	272		
TIDEMILL	FRANKHAM STREET	Local government	No	Education facilities		Natural gas	252		
Amersham Road Early Years	AMERSHAM EARLY YEARS, 75 AMERSHAM ROAD	Local government	No	Local government estate		Natural gas	242		
ST STEPHENS	ALBYN ROAD	Local government	No	Education facilities		Natural gas	236		
LUCAS VALE	THORNVILLE STREET	Local government	No	Education facilities		Natural gas	230		
Lewisham Art House	140 LEWISHAM WAY	Local government	No	Local government estate			229		Estimate
CLYDE	ALVERTON STREET	Local government	No	Education facilities		Natural gas	216		
SIR FRANCIS DRAKE	SCAWEN ROAD	Local government	No	Education facilities		Natural gas	204		
DEPTFORD FIRE STATION	186 EVELYN STREET	Other public	No	Fire stations	Individual boilers	Natural gas	153		LDA
New Cross Hospital Site		Private	Yes	Private residential (> 149 units or 9,999 m2)			150	40	Estimate
Woodpecker Childcare Training Centre	20 WOODPECKER ROAD	Local government	No	Local government estate		Natural gas	145		
Giffin Street Regeneration Area	Giffin Street, London	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)			143	38	Estimate
KENDER	KENDER STREET	Local government	No	Education facilities		Natural gas	136		
ST JAMES HATCHAM	4 ST JAMES'S	Local government	No	Education facilities		Natural gas	122		
Parker House	LEWISHAM REFUGEE NETWORK, 144 EVELYN STREET	Local government	No	Local government estate		Natural gas	119		
Woodpecker Community Centre	101 WOODPECKER ROAD	Local government	No	Sport & Leisure facilities		Natural gas	106		
St Paul's House	DEPTFORD HIGH STREET	Local government	No	Local government estate		Natural gas	98		
Hatcham Oak Childrens Centre	WALLBUTTON ROAD	Local government	No	Local government estate		Natural gas	96		
Riverside Youth Centre	GROVE STREET	Local government	No	Local government estate		Natural gas	95		
Barnes Wallis Community Centre	74 WILD GOOSE DRIVE	Local government	No	Sport & Leisure facilities		Natural gas	92		
Hughesfield Centre	NEW KING STREET	Local government	No	Local government estate		Natural gas	82		
Evelyn Community Centre	1 KINGFISHER SQUARE, CLYDE STREET	Local government	No	Sport & Leisure facilities		Natural gas	81		
Compass Day Centre	32 34 WATSON'S STREET	Local government	No	Education facilities		Natural gas	79		
5 Steps Community Nursery	15 LAMBOURNE GROVE	Local government	No	Local government estate		Natural gas	66		
MIDI Music Company	77 WATSON'S STREET	Local government	No	Local government estate		Natural gas	60		
2000 Community Centre	199 GROVE STREET	Local government	No	Sport & Leisure facilities		Natural gas	49		
	37-39 Lewisham Way, London	Unidentified	No	Private residential (> 149 units or 9,999 m2)			38	10	Estimate
Telegraph Hill Playclub	ERLANGER ROAD	Local government	No	Local government estate		Natural gas	32		
Hammersley House	Pomeroy Street, London	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)			30	8	Estimate
Clare Hall	CLARE ROAD	Local government	No	Sport & Leisure facilities		Natural gas	28		
Giffin Street Regeneration Area	Giffin Street, London	Private	Yes	Private commercial (> 9,999 m2)			28		Estimate
Etta Street Hall Centre	GOSTERWOOD STREET	Local government	No	Sport & Leisure facilities		Natural gas	24		
New Cross Library	283 285 NEW CROSS ROAD	Local government	No	Local government estate		Natural gas	21		
Evelyn Surestart Shop	307 EVELYN STREET	Local government	No	Local government estate		Natural gas	16		

Area 1 Deptford, continued

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Sayes Court Clubroom	341 EVELYN STREET	Local government	No	Sport & Leisure facilities		Natural gas	14		
Lewisham Way Youth and Community Centre	138 LEWISHAM WAY	Local government	No	Local government estate		Natural gas	9		
Albury Street Meeting Room	48 ALBURY STREET	Local government	No	Sport & Leisure facilities		Natural gas	9		
JAMES LIND HOUSE	LIND CLINIC, GROVE STREET	Other public	No	NHS		Natural gas	9		
Deptford Park Playclub	DEPTFORD PARK PLAY CLUB, EVELYN STREET	Local government	No	Local government estate		Natural gas	8		
Scotney Hall	17 SHARRATT STREET	Local government	No	Sport & Leisure facilities		Natural gas	6		
Trinity Hall	EVELYN STREET	Local government	No	Sport & Leisure facilities		Natural gas	6		
Tanners Hill OAP Club	PEARSONS AVENUE	Local government	No	Local government estate		Natural gas	5		
Lewisham Supplementary Schools & Heritage Language Consortium	82 TANNERS HILL	Local government	No	Education facilities		Natural gas	4		
North Lewisham Law Centre	28 DEPTFORD HIGH STREET	Local government	No	Local government estate		Natural gas	4		
Friendly Gardens Playclub	LUCAS STREET	Local government	No	Local government estate		Natural gas	1		
The London Borough of Lewisham	8 Kingfisher Square ,London	Central government	No	Central government estate					LDA
Aldermoor Associates	6 Clifton Rise, London	Private	No	Museum and art gallery					LDA
Gallery Fresh	21 Watsons Street, London	Private	No	Museum and art gallery					LDA
Museum of Installation	171 Deptford High Street, London	Private	No	Museum and art gallery					LDA
The Albany Ltd		Private	No	Museum and art gallery					LDA
The Art in Perpetuity Trust	Harold Works 6 Creekside, London	Private	No	Museum and art gallery					LDA
ROGBONKO VILLAGE SCHOOL TRUST	ROGBONKO VILLAGE SCHOOL TRUST	Unidentified	No	Education facilities					LDA
MONSON PRIMARY SCHOOL	MONSON PRIMARY SCHOOL	Unidentified	No	Education facilities					LDA
LEWISHAM INDO CHINESE COMMUNITY & SCHOOL	LEWISHAM INDO CHINESE COMMUNITY & SCHOOL	Unidentified	No	Education facilities					LDA
ADDEY & STANHOPE SCHOOL	ADDEY & STANHOPE SCHOOL	Unidentified	No	Education facilities					LDA
ST. JOSEPHS RC SCHOOL	ST. JOSEPHS RC SCHOOL	Unidentified	No	Education facilities					LDA
Iyengar Yoga Institute of South London	470, New Cross Road, London	Unidentified	No	Sport & Leisure facilities					LDA
HOLDEN HOUSE	FLAT 41 DEPTFORD CHURCH STREET LONDON	Private	No	Multi-address buildings				68	LDA
ICELAND WHARF	FLAT 59 PLOUGH WAY LONDON	Private	No	Multi-address buildings				68	LDA
PITMAN HOUSE	FLAT 1 90 TANNERS HILL LONDON	Private	No	Multi-address buildings				60	LDA
HAWKE TOWER	FLAT 1 NYNEHEAD STREET LONDON	Private	No	Multi-address buildings				92	LDA
MONTANA BUILDING	FLAT 1 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				89	LDA
HESTON HOUSE	FLAT 1 TANNERS HILL LONDON	Private	No	Multi-address buildings				80	LDA
BEMBRIDGE HOUSE	FLAT 1 LONGSHORE LONDON	Private	No	Multi-address buildings				53	LDA
BENCE HOUSE	FLAT 1 RAINSBOROUGH AVENUE LONDON	Private	No	Multi-address buildings				53	LDA
GRANSDEN HOUSE	FLAT 1 BOWDITCH LONDON	Private	No	Multi-address buildings				80	LDA
PENDENNIS HOUSE	FLAT 1 RAINSBOROUGH AVENUE LONDON	Private	No	Multi-address buildings				53	LDA
MERETON MANSIONS	FLAT 1 BROOKMILL ROAD LONDON	Private	No	Multi-address buildings				72	LDA
WASHINGTON BUILDING	FLAT 405 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				51	LDA
PELICAN HOUSE	FLAT 1 BOWDITCH LONDON	Private	No	Multi-address buildings				53	LDA
DAUBENEY TOWER	FLAT 1 BOWDITCH LONDON	Private	No	Multi-address buildings				146	LDA
ARGOSY HOUSE	FLAT 1 WINDLASS PLACE LONDON	Private	No	Multi-address buildings				53	LDA
INDIANA BUILDING	FLAT 505 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				67	LDA
WILSHAW HOUSE	FLAT 41 DEPTFORD CHURCH STREET LONDON	Private	No	Multi-address buildings				68	LDA
DAKOTA BUILDING	FLAT 202 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				71	LDA
COLORADO BUILDING	FLAT 101 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				67	LDA
ASTRA HOUSE 23-25	APARTMENT 508 ARKLOW ROAD LONDON	Private	No	Multi-address buildings				60	LDA
LANYARD HOUSE	FLAT 1 WINDLASS PLACE LONDON	Private	No	Multi-address buildings				53	LDA
HARMON HOUSE	FLAT 1 BOWDITCH LONDON	Private	No	Multi-address buildings				53	LDA
DELORAINE HOUSE	FLAT 1 TANNERS HILL LONDON	Private	No	Multi-address buildings				68	LDA
ARAGON TOWER	FLAT 1.01 GEORGE BEARD ROAD LONDON	Private	No	Multi-address buildings				160	LDA
CALIFORNIA BUILDING	FLAT 101 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				99	LDA
ALASKA BUILDING	FLAT 101 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				87	LDA
HAZELWOOD HOUSE	FLAT 1 EVELYN STREET LONDON	Private	No	Multi-address buildings				88	LDA
GERRARD HOUSE	FLAT 1 BRIANT STREET LONDON	Private	No	Multi-address buildings				51	LDA
	1 TRUNDLEYS TERRACE LONDON	Private	No	Multi-address buildings				50	LDA
EDDYSTONE TOWER	FLAT 100 OXESTALLS ROAD LONDON	Private	No	Multi-address buildings				144	LDA
ARIZONA BUILDING	FLAT 101 DEALS GATEWAY LONDON	Private	No	Multi-address buildings				65	LDA
CLEMENT HOUSE	FLAT 1 RAINSBOROUGH AVENUE LONDON	Private	No	Multi-address buildings				53	LDA
THE NEW DEN	MILLWALL FOOTBALL CLUB, ZAMPA ROAD	Private	No	Sport & Leisure facilities					
COMMUNITY CENTRE	ROCHDALE WAY	Unidentified	No	Sport & Leisure facilities					

Area 1 Deptford, continued

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
MOONSHOT COMMUNITY CENTRE	ANGUS STREET	Unidentified	No	Sport & Leisure facilities					
THE DEPTFORD MARKET WOMEN AND CHILDRENS CENTRE	GIFFIN STREET	Unidentified	No	Sport & Leisure facilities					
KENDER COMMUNITY CENTRE	221 KENDER STREET	Unidentified	No	Sport & Leisure facilities					
LEANDER COMMUNITY CENTRE	SHIP STREET	Unidentified	No	Sport & Leisure facilities					
TELEGRAPH HILL CENTRE GROUP	KITTO ROAD	Unidentified	No	Sport & Leisure facilities					
7-17 Yeoman Street		Unidentified	Yes	Private residential (> 149 units or 9,999 m2)					Estimate
Cannon Wharf	Plough Way, Deptford	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)					Estimate
7-17 Yeoman Street		Private	Yes	Private commercial (> 9,999 m2)					
DEPTFORD POLICE STATION	114 116 AMERSHAM VALE	Other public	No	Police stations					
THE TERRACE	LONGSHORE	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	2-28 SAYES COURT STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	94-96 GOSTERWOOD STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	70-76 ETTA STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	69-79 ETTA STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-35, LEWIS SILKIN HOUSE	LOVELINCH CLOSE	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	45 ALBURY STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
JOHN PENN HOUSE	112 AMERSHAM VALE	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-31	14 LUDWICK MEWS	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	Romney Close	Private	No	Multi-address buildings	Central Boilers	Natural gas			
THE WHITE HOUSE	110-208 KENDER STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	4-16 HEALD STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	1-35 OMEGA STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	2-18 OMEGA STREET	Private	No	Multi-address buildings	Central Boilers	Natural gas			
SOMERVILLE EXTRA CARE HOUSING	2 27 WELLINGTON CLOSE	Private	No	Multi-address buildings	Central Boilers	Natural gas			
COMMODORE COURT	ALBYN ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Cannon Wharf		Unidentified	Yes	Education facilities					
Giffin Street Regeneration Area	Giffin Street, London	Unidentified	Yes	Education facilities					
LEWISHAM COLLEGE	2 DEPTFORD CHURCH STREET	Private	No	Education facilities					
SCOTNEY HALL	RECONCILERS EVANGELICAL MINISTRIES, 17 SHARRATT STREET	Other public	No	Churches					
EVELYNN HALL	STAUNTON STREET	Other public	No	Churches					
DEPTFORD METHODIST CHURCH	CREEK ROAD	Other public	No	Churches					
ST MICHAELS CENTRE	FLAT 3, DESMOND STREET	Other public	No	Churches					
ST MARKS CHURCH	EDWARD STREET	Other public	No	Churches					
THE SALVATION ARMY	MARY ANN GARDENS	Other public	No	Churches					
ST PAULS CHURCH	DIAMOND WAY	Other public	No	Churches					
THE BEAR	154 156 DEPTFORD HIGH STREET	Other public	No	Churches					
OLIVET DEPTFORD BAPTIST CHURCH	EDWARD STREET	Other public	No	Churches					
CHRIST LIFE WORLD OUTREACH CENTRE	124 DEPTFORD HIGH STREET	Other public	No	Churches					
SHAFTESBURY CHRISTIAN CENTRE	FRANKHAM STREET	Other public	No	Churches					
CHRIST FAITH TABERNACLE	56 62 NEW CROSS ROAD	Other public	No	Churches					
NEW CROSS ROAD BAPTIST CHURCH	466 NEW CROSS ROAD	Other public	No	Churches					
CELESTIAL CHURCH OF CHRIST	HARTON STREET	Other public	No	Churches					
BROCKLEY BAPTIST CHURCH	60 UPPER BROCKLEY ROAD	Other public	No	Churches					
ST JOHNS CHURCH	ST JOHN'S VALE	Other public	No	Churches					
VICARAGE	2 ST JOHN'S VALE	Other public	No	Churches					
CHURCH OF THE GOD OF PROPHECY	39 KITTO ROAD	Other public	No	Churches					
CLIFTON RISE MEDICAL CENTRE	27 CLIFTON RISE	Other public	No	NHS					
KINGFISHER SQUARE	KINGFISHER MEDICAL CENTRE, CLYDE STREET	Other public	No	NHS					
THE SURGERY	42 GELLATLY ROAD	Other public	No	NHS					
THE MEDICAL CENTRE	24 LAURIE GROVE	Other public	No	NHS					
DEPTFORD SURGERY	504 NEW CROSS ROAD	Other public	No	NHS					
MORNINGTON SURGERY	433 NEW CROSS ROAD	Other public	No	NHS					
DEPTFORD MEDICAL CENTRE	PEARSONS AVENUE	Other public	No	NHS					
THE QUEENS ROAD PARTNERSHIP	387 QUEENS ROAD	Other public	No	NHS					
QUEENS ROAD PRACTICE	296 QUEENS ROAD	Other public	No	NHS					

**Area 1 Deptford, continued**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
WALDRON HEALTH CENTRE	STANLEY STREET	Other public	No	NHS					
THE SURGERY	58 VESTA ROAD	Other public	No	NHS					
GROVE MEDICAL CENTRE	WINDLASS PLACE	Other public	No	NHS					
<b>Total</b>							75,350		

**Area 2 Lewisham**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
The Clarendon Hotel	Montpelier Row, Blackheath Village, London	Private	No	Hotels (> 99 units or 4,999 m2)			3,863	185	Estimate
Loampit Vale (E&W of Elmira Street)		Private	Yes	Private residential (> 149 units or 9,999 m2)			2,963	788	Estimate
Lewisham Gateway		Private	Yes	Private residential (> 149 units or 9,999 m2)			1,856	800	Estimate
Connington Road		Private	Yes	Private residential (> 149 units or 9,999 m2)			1,842	490	Estimate
Loampit Vale (W of Jerrard Street)		Private	Yes	Private residential (> 149 units or 9,999 m2)			1,527	406	Estimate
Heathside & Lethbridge	BLACKHEATH HILL	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)			1,471	634	Estimate
Loampit Vale (E of Jerrard Street)		Private	Yes	Private residential (> 149 units or 9,999 m2)			812	350	Estimate
LEE MANOR	LEAHURST ROAD	Local government	No	Education facilities		Natural gas	629		
LEWISHAM BRIDGE	ELMIRA STREET	Local government	No	Education facilities		Natural gas	484		
JOHN BALL	SOUTHVALE ROAD	Local government	No	Education facilities		Natural gas	335		
Lewisham Library	199 201 LEWISHAM HIGH STREET	Local government	No	Local government estate		Natural gas	323		
Abbey Manor College Lee (Broadoak)	40 FALMOUTH CLOSE	Local government	No	Education facilities		Natural gas	271		
Leemore Resource Centre	29 39 CLARENDON RISE	Local government	No	Local government estate		Natural gas	228		
Loampit Vale Railway Strip		Private	Yes	Private residential (> 149 units or 9,999 m2)			226	60	Estimate
9 Staplehurst Road		Private	Yes	Private residential (> 149 units or 9,999 m2)			214	57	Estimate
Lee High Road Eastern Side		Private	Yes	Private residential (> 149 units or 9,999 m2)			199	53	Estimate
THE LEE HEALTH CENTRE	2 HANDEN ROAD	Other public	No	NHS		Natural gas	181		
ST MARGARETS LEE	LEE CHURCH STREET	Local government	No	Education facilities		Natural gas	180		
Mercia Grove 23	FIRST FLOOR AND SECOND FLOOR, 23 MERCIA GROVE	Local government	No	Local government estate			165		Estimate
Granville Park CEL	100 GRANVILLE PARK	Local government	No	Local government estate		Natural gas	164		
BRINDISHE	WANTAGE ROAD	Local government	No	Education facilities		Natural gas	159		
ST SAVIOURS	173 LEWISHAM HIGH STREET	Local government	No	Education facilities		Natural gas	156		
262-274 Lee High Road		Private	Yes	Private residential (> 149 units or 9,999 m2)			150	40	Estimate
ALL SAINTS	BLACKHEATH VALE	Local government	No	Education facilities		Natural gas	130		
Northbrook	TAUNTON ROAD	Local government	No	Education facilities		Natural gas	86		
Manor House Library	34 OLD ROAD	Local government	No	Local government estate		Natural gas	70		
Brandram Road Community Centre	25 33 BRANDRAM ROAD	Local government	No	Sport & Leisure facilities		Natural gas	53		
Margaret Sandra Workplace Nursery	10A WISTERIA ROAD	Local government	No	Local government estate		Natural gas	51		
Lochaber Hall	MANOR LANE TERRACE	Local government	No	Sport & Leisure facilities		Natural gas	51		
Heathside & Lethbridge Hall	BLACKHEATH HILL	Local government	No	Sport & Leisure facilities		Natural gas	38		
Blackheath Library	3 4 BLACKHEATH GROVE	Local government	No	Local government estate		Natural gas	37		
Baseline Youth Club	LEWIS GROVE	Local government	No	Local government estate			27		Estimate
Lethbridge Close Clubroom	58 LETHBRIDGE CLOSE	Local government	No	Sport & Leisure facilities		Natural gas	21		
Heathside Early Years Centre	MELVILLE HOUSE 31, SPARTA STREET	Local government	No	Local government estate		Natural gas	16		
Independents Day Centre	INDEPENDENTS ROAD	Local government	No	Education facilities		Natural gas	15		
Lewisham Opening Doors	LEWISHAM OPENING DOORS, 121 LEWISHAM HIGH STREET	Local government	No	Local government estate		Natural gas	10		
Mercia House	MERCIA GROVE	Local government	No	Local government estate		Natural gas	7		
ST. WINIFREDS RC SCHOOL	ST. WINIFREDS RC SCHOOL	Unidentified	No	Education facilities					LDA
SCHOOL FOR TODDLERS	SCHOOL FOR TODDLERS	Unidentified	No	Education facilities					LDA
BLACKHEATH HIGH SCHOOL GPDST	BLACKHEATH HIGH SCHOOL GPDST	Unidentified	No	Education facilities					LDA
DARTMOUTH COURT	FLAT 1 DARTMOUTH GROVE LONDON	Private	No	Multi-address buildings				72	LDA
FERGUSON HOUSE	FLAT 1 SPARTA STREET LONDON	Private	No	Multi-address buildings				50	LDA
VARDON HOUSE	FLAT 1 SPARTA STREET LONDON	Private	No	Multi-address buildings				50	LDA
RAWLINSON HOUSE	FLAT 1 MERCATOR ROAD LONDON	Private	No	Multi-address buildings				51	LDA
CENTURY HOUSE	FLAT 1 ARMOURY ROAD LONDON	Private	No	Multi-address buildings				58	LDA
TRAVIS HOUSE	FLAT 1 SPARTA STREET LONDON	Private	No	Multi-address buildings				50	LDA
COMMUNITY HEALTH	SPARTA STREET	Unidentified	No	Sport & Leisure facilities					

**Area 2 Lewisham, continued**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
COMMUNITY HEALTH	SOMERVILLE DAY NURSERY, SPARTA STREET	Unidentified	No	Sport & Leisure facilities					
LEWISHAM POLICE STATION	43 LEWISHAM HIGH STREET	Other public	No	Police stations					
Flats 1-29, THE HERMITAGE	LEWISHAM HILL	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-5	23 ELIOT PARK	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	13-15 LEE TERRACE	Private	No	Multi-address buildings	Central Boilers	Natural gas			
MERCATOR ESTATE	MERCATOR ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	34 DERMODY ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
CHRIST THE KING COLLEGE	BELMONT GROVE	Private	No	Education facilities					
ALL SAINTS	10 DUKE HUMPHREY ROAD	Other public	No	Churches					
	FRIENDS MEETING HOUSE PLAYGROUP, 10 INDEPENDENTS ROAD	Other public	No	Churches					
CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS	2 LEE ROAD	Other public	No	Churches					
LEWISHAM CHRISTIAN CENTRE	VIAN STREET	Other public	No	Churches					
ST MARGARET'S RECTORY	BRANDRAM ROAD	Other public	No	Churches					
LEWISHAM METHODIST CHURCH	ALBION WAY	Other public	No	Churches					
LEE NEW TESTAMENT CHURCH OF GOD	370 LEE HIGH ROAD	Other public	No	Churches					
BLACKHEATH HOSPITAL	40-42 LEE TERRACE	Private	No	NHS				68	
THE SURGERY	36 BELMONT HILL	Other public	No	NHS					
LEE HIGH ROAD MEDICAL CENTRE	308 LEE HIGH ROAD	Other public	No	NHS					
THE SURGERY	20 LEE ROAD	Other public	No	NHS					
THE MORDEN HILL SURGERY	21 23 MORDEN HILL	Other public	No	NHS					
	2 MORLEY ROAD	Other public	No	NHS					
<b>Total</b>							<b>19,011</b>		

**Area 3 Honor Oak Park**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
UNIVERSITY HOSPITAL LEWISHAM	LEWISHAM HIGH STREET	Other public	No	NHS		Natural gas	24,350		
Lewisham Town Hall	CATFORD ROAD	Local government		Local government estate		Natural gas	2,674		
Catford Shopping Centre		Private	Yes	Private residential (> 149 units or 9,999 m2)			1,392	600	Estimate
Plassy Road Island		Private	Yes	Private residential (> 149 units or 9,999 m2)			1,160	500	Estimate
Town Hall Chambers	RUSHEY GREEN	Local government		Local government estate			1,129		Estimate
Goldsmiths University, Edgcombe	55-57 Wickham Road	Other public	No	Education facilities		Natural gas	1,062		
Wearside Service Depot	WEAR SIDE ROAD	Local government	No	Other public buildings		Natural gas	1,052		
Ladywell Day Centre	148 DRESSINGTON AVENUE	Local government	No	Education facilities		Natural gas	822		
THE JENNER PRACTICE	201 203 STANSTEAD ROAD	Other public	No	NHS		Natural gas	731		
Kaleidoscope	32 RUSHEY GREEN	Local government	No	Local government estate		Natural gas	721		
PRENDERGAST	ADELAIDE AVENUE	Local government	No	Education facilities		Natural gas	694		
GORDONBROCK	GORDONBROCK ROAD	Local government	No	Education facilities		Natural gas	655		
Honor Lea Hostel	HONOR LEA HOSTEL, 103 117 BROCKLEY RISE	Local government	No	Local government estate		Natural gas	620		
TURNHAM	TURNHAM ROAD	Local government	No	Education facilities		Natural gas	610		
Civic Suite	CATFORD ROAD	Local government		Local government estate			593		Estimate
MEADOWGATE	REVELON ROAD	Local government	No	Education facilities		Natural gas	486		
STILLNESS INF	BROCKLEY RISE	Local government	No	Education facilities		Natural gas	480		
BROCKLEY	BROCKLEY ROAD	Local government	No	Education facilities		Natural gas	425		
Brockley Rise Centre CEL	BROCKLEY RISE	Local government	No	Local government estate		Natural gas	402		
Horniman Museum	100 London Rd, London	Private	No	Museums & Art Galleries		Natural gas	400		
HOLBEACH	DOGGETT ROAD	Local government	No	Education facilities		Natural gas	371		
STILLNESS JRS	BROCKLEY RISE	Local government	No	Education facilities			354		Estimate
HORNIMAN	HORNIMAN DRIVE	Local government	No	Education facilities		Natural gas	333		
CROFTON	MANWOOD ROAD	Local government	No	Education facilities		Natural gas	321		
Honor Oak Community Centre	50 TURNHAM ROAD	Local government	No	Sport & Leisure facilities		Natural gas	278		
Tyson Road (Rear Christain Fellowship site)		Private	Yes	Private residential (> 149 units or 9,999 m2)			278	74	Estimate
FOREST HILL FIRE STATION	155 STANSTEAD ROAD	Other public	No	Fire stations	Individual boilers	Natural gas	274		LDA
JOHN STAINER	ST ASAPH ROAD	Local government	No	Education facilities		Natural gas	242		
FAIRLAWN	HONOR OAK ROAD	Local government	No	Education facilities		Natural gas	215		
Ladywell Childrens Centre	30 RUSHEY MEAD	Local government	No	Local government estate		Natural gas	211		
DALMAIN	GROVE CLOSE	Local government	No	Education facilities		Natural gas	208		
HONOR OAK GROUP PRACTICE	20 21 TURNHAM ROAD	Other public	No	NHS		Natural gas	193		
Ackroyd Community Centre	14 20 ACKROYD ROAD	Local government	No	Sport & Leisure facilities		Natural gas	189		
ST WILLIAM OF YORK	BROCKLEY PARK	Local government	No	Education facilities		Natural gas	170		
CHELWOOD	CHELWOOD WALK	Local government	No	Education facilities		Natural gas	132		
Catford Library	CATFORD LIBRARY, 1 CATFORD ROAD	Local government	No	Local government estate			128		Estimate
ST MARY MAGDELEN	HOWSON ROAD	Local government	No	Education facilities		Natural gas	128		
Abbey Manor College Ladywell (John Evelyn Education Centre)	15 DRESSINGTON AVENUE	Local government	No	Education facilities		Natural gas	115		
Former Rising Sun PH		Private	Yes	Private residential (> 149 units or 9,999 m2)			113	30	Estimate
Lewisham Coroner's Court & Mortuary	8 LADYWELL ROAD	Local government	No	Local government estate		Natural gas	111		
Central Clinic	410 LEWISHAM HIGH STREET	Local government	No	NHS		Natural gas	110		
Saville Day Centre	436 438 LEWISHAM HIGH STREET	Local government	No	Local government estate		Natural gas	93		
Honor Oak Early Years Centre	BROCKLEY WAY	Local government	No	Local government estate		Natural gas	80		
Crofton Park Library	BROCKLEY ROAD	Local government	No	Local government estate		Natural gas	80		
Honor Oak Youth Club	HONOR OAK YOUTH CLUB, 50 TURNHAM ROAD	Local government	No	Local government estate			79		Estimate
Rockbourne Youth Centre	41A ROCKBOURNE ROAD	Local government	No	Local government estate		Natural gas	57		
Ladywell arena	SILVERMERE ROAD	Local government	No	Sport & Leisure facilities		Natural gas	41		
Holbeach CEL	NELGARDE ROAD	Local government	No	Local government estate		Natural gas	38		
Honor Oak Sure Start	52 ST NORBERT ROAD	Local government	No	Local government estate		Natural gas	35		
Ladywell Cemetery Lodge	CEMETARY ATTENDANTS LODGE, LADYWELL ROAD	Local government	No	Local government estate		Natural gas	27		
Lewisham Disability Coalition	2 CATFORD BROADWAY	Local government	No	Local government estate			15		Estimate
Ewart Road Clubroom	EWART ROAD CLUBROOM, 44 WASTDALE ROAD	Local government	No	Sport & Leisure facilities		Natural gas	10		
Brockley Cemetery	BROCKLEY CEMETERY LODGE, BROCKLEY ROAD	Local government	No	Local government estate		Natural gas	10		
Holbeach After Schools Club	DOGGETT ROAD	Local government	No	Local government estate			9		Estimate

**Area 3 Honor Oak Park, continued**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Sector J Clubroom	SECTOR J CLUBROOM, 29 COSTON WALK	Local government	No	Sport & Leisure facilities		Natural gas	9		
Brockley Grove Depot	BROCKLEY GROVE	Local government	No	Other public buildings		Natural gas	4		
The London Borough of Lewisham	368 Lewisham High Street ,London	Central government	No	Central government estate					LDA
The London Borough of Lewisham	86 Rushey Green ,London	Central government	No	Central government estate					LDA
Horniman Museum And Gardens	100 London Road, London	Private	No	Museum and art gallery					LDA
ALLENBY SCHOOL	ALLENBY SCHOOL	Unidentified	No	Education facilities					LDA
Leisure Centre		Unidentified	No	Sport & Leisure facilities					LDA
Skyline Gym	96, Rushey Green, London	Unidentified	No	Sport & Leisure facilities					LDA
Someone Very Beautifull	398a, Brockley Road, London	Unidentified	No	Sport & Leisure facilities					LDA
St Dunstans Leisure	Stanstead Road, London	Unidentified	No	Sport & Leisure facilities					LDA
Total Body Fitness	15, David's Road, London	Unidentified	No	Sport & Leisure facilities					LDA
	1 GREYSTEAD ROAD LONDON	Private	No	Multi-address buildings				50	LDA
POPLAR HOUSE	FLAT 1 WICKHAM ROAD LONDON	Private	No	Multi-address buildings				56	LDA
CATFORD GREYHOUND STADIUM	ADENMORE ROAD	Private	No	Sport & Leisure facilities					
BROCKLEY POLICE STATION	4 HOWSON ROAD	Other public	No	Police stations					
Flats 1-24, PULTON HOUSE	TURNHAM ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
ELDERLY PEOPLES FLATS	189 ALGERNON ROAD	Private	No	Multi-address buildings					
Flats 1-14	146 CROFTON PARK ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-21, TALBOT COURT	ROCKBOURNE ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Ladywell Cemetery	LADYWELL ROAD	Local government	No	Local government estate					
Broadway Theatre	CATFORD ROAD	Local government	No	Local government estate					
ST PETERS VICARAGE	WICKHAM ROAD	Other public	No	Churches					
THE BIBLEWAY TABERNACLE	ALGERNON ROAD	Other public	No	Churches					
ST PETERS CHURCH	WICKHAM ROAD	Other public	No	Churches					
ST ANDREWS UNITED REFORMED CHURCH	BROCKLEY ROAD	Other public	No	Churches					
LADYWELL CEMETERY CHAPEL	BROCKLEY GROVE	Other public	No	Churches					
	CROFTON PARK BAPTIST CHURCH, 12 AMYRUTH ROAD	Other public	No	Churches					
CROFTON PARK BAPTIST CHURCH	HUXBEAR STREET	Other public	No	Churches					
ST SAVIOURS CHURCH HALL	BROCKLEY RISE	Other public	No	Churches					
TRINITY UNITED REFORMED CHURCH	FAVERSHAM ROAD	Other public	No	Churches					
HILLY FIELDS MEDICAL CENTRE	172 ADELAIDE AVENUE	Other public	No	NHS					
BROCKLEY ROAD SURGERY	465 BROCKLEY ROAD	Other public	No	NHS					
THE PRIMARY CARE CENTRE	RUSHEY GREEN GROUP PRACTICE, HAWSTEAD ROAD	Other public	No	NHS					
ST JOHNS MEDICAL CENTRE	FIRST AND SECOND FLOOR, 56 60 LOAMPIT HILL	Other public	No	NHS					
<b>Total</b>							<b>45,521</b>		

**Area 4 Hitter Green**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
LEWISHAM FIRE STATION	249-259 LEWISHAM HIGH STREET	Other public	No	Fire stations	Individual boilers	Natural gas	508		LDA
Nightingale Grove Hither Green		Private	Yes	Private residential (> 149 units or 9,999 m2)			496	132	Estimate
HITHER GREEN	BEACON ROAD	Local government	No	Education facilities		Natural gas	449		
BENEFITS AGENCY	9-19 RUSHEY GREEN	Central government	No	Central government estate		Oil	409		LDA
ST WINIFREDS JRS	26 NEWSTEAD ROAD	Local government	No	Education facilities		Natural gas	340		
Nightingale Grove Hither Green		Private	Yes	Private residential (> 149 units or 9,999 m2)			244	65	Estimate
ST MARYS	LEWISHAM HIGH STREET	Local government	No	Education facilities		Natural gas	240		
Ladywell LC	261 LEWISHAM HIGH STREET	Local government	No	Sport & Leisure facilities		Natural gas	201		
Former George PH		Private	Yes	Private residential (> 149 units or 9,999 m2)			132	35	Estimate
Library Resource Centre	305 315 HITHER GREEN LANE	Local government	No	Local government estate		Natural gas	97		
Housing Options Centre	3 ROSENTHAL ROAD	Local government	No	Local government estate			95		Estimate
ST WINIFREDS INF	26 NEWSTEAD ROAD	Local government	No	Education facilities		Natural gas	91		
Lewisham Irish Community Centre	2A DAVENPORT ROAD	Local government	No	Sport & Leisure facilities		Natural gas	81		
Mountsfield Park	STAINTON ROAD, London	Local government	No	Other public buildings		Natural gas	22		
Slaithwaite Flats / Court	SLAITHWAITE ROAD	Local government	No	Local government estate		Natural gas	22		
Redfern Road Groupwork Centre	30 REDFERN ROAD	Local government	No	Local government estate		Natural gas	18		
THE OLIVE TREE SCHOOL	THE OLIVE TREE SCHOOL	Unidentified	No	Education facilities					LDA
TARA SWIMMING POOLS & SPAS	274, 274, HITHER GREEN LANE, LONDON	Unidentified	No	Sport & Leisure facilities					LDA
BREDGAR	FLAT 1 LEWISHAM PARK LONDON	Private	No	Multi-address buildings				68	LDA
CHERRYWOOD LODGE	FLAT 1 OAKWOOD CLOSE LONDON	Private	No	Multi-address buildings				86	LDA
KINGSWOOD COURT	FLAT 1 HITHER GREEN LANE LONDON	Private	No	Multi-address buildings				66	LDA
KEMSLEY	FLAT 1 LEWISHAM PARK LONDON	Private	No	Multi-address buildings				68	LDA
ROSSE GARDENS	FLAT 1 DESVIGNES DRIVE LONDON	Private	No	Multi-address buildings				102	LDA
MALLING	FLAT 1 LEWISHAM PARK LONDON	Private	No	Multi-address buildings				68	LDA
CATALPA COURT	FLAT 1 HITHER GREEN LANE LONDON	Private	No	Multi-address buildings				84	LDA
	145-179 COURTHILL ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-15	31 BEACON ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-22, LANAIN COURT	44 NEWSTEAD ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
ST SWITHINS CHURCH OF ENGLAND CHURCH	HITHER GREEN LANE	Other public	No	Churches					
	HITHER GREEN BAPTIST CHURCH, 22 HONLEY ROAD	Other public	No	Churches					
THE SALVATION ARMY	23 25 BROWNHILL ROAD	Other public	No	Churches					
CAMPSHILL SURGERY	CAMPSHILL ROAD	Other public	No	NHS					
EDWIN HALL PLACE	4WOODLANDS HEALTH CENTRE, HITHER GREEN LANE	Other public	No	NHS					
<b>Total</b>							<b>3,444</b>		

**Area 5 Catford**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Downham	MOORSIDE ROAD	Local government	No	Sport & Leisure facilities		Natural gas	3,064		
Downham Swimming Pool		Local government	No	Sport & Leisure facilities			2,482		LDA
Catford Greyhound Stadium		Private	Yes	Private residential (> 149 units or 9,999 m2)			2,215	589	Estimate
CATFORD HIGH	CONISBOROUGH CRESCENT	Local government	No	Education facilities		Natural gas	1,673		
BONUS PASTOR	WINLATON ROAD	Local government	No	Education facilities		Natural gas	929		
Excalibur (Estate renewal)		Private	Yes	Private residential (> 149 units or 9,999 m2)			854	227	Estimate
RUSHEY GREEN	CULVERLEY ROAD	Local government	No	Education facilities		Natural gas	805		
FORSTER PARK	BOUNDFIELD ROAD	Local government	No	Education facilities		Natural gas	632		
TORRIDON INF	TORRIDON ROAD	Local government	No	Education facilities		Natural gas	614		
SANDHURST INF	MINARD ROAD	Local government	No	Education facilities		Natural gas	538		
DOWNDERRY	DOWNDERRY ROAD	Local government	No	Education facilities		Natural gas	499		
NEW WOODLANDS SPECIAL	49 SHROFFOLD ROAD	Local government	No	Education facilities		Natural gas	418		
LAUNCELOT	LAUNCELOT ROAD	Local government	No	Education facilities		Natural gas	416		
COOPERS LANE	PRAGNELL ROAD	Local government	No	Education facilities		Natural gas	400		
Pendragon	PENDRAGON ROAD	Local government	No	Education facilities		Natural gas	369		
Wesley Halls	2 SHROFFOLD ROAD	Local government	No	Sport & Leisure facilities		Natural gas	362		
GOOD SHEPHERD	MOORSIDE ROAD	Local government	No	Education facilities		Natural gas	333		
SANDHURST JRS	MINARD ROAD	Local government	No	Education facilities			328		Estimate
TORRIDON JRS	TORRIDON ROAD	Local government	No	Education facilities			306		Estimate
MERLIN	72 BALLAMORE ROAD	Local government	No	Education facilities		Natural gas	272		
MARVELS LANE	RIDDONS ROAD	Local government	No	Education facilities		Natural gas	270		
RANGFIELD	LEWISHAM PORTAGE PROJECT, RANGFIELD ROAD	Local government	No	Education facilities		Natural gas	267		
ST JOHN THE BAPTIST	BEACHBOROUGH ROAD	Local government	No	Education facilities		Natural gas	229		
2-36 Plassy Road		Private	Yes	Private residential (> 149 units or 9,999 m2)			226	60	Estimate
Grove Park Centre CEL	PRAGNELL ROAD	Local government	No	Local government estate		Natural gas	224		
W G Grace Community Centre	1 LIONS CLOSE	Local government	No	Sport & Leisure facilities		Natural gas	208		
MARVELS LANE HEALTH CENTRE	37 MARVELS LANE	Other public	No	NHS		Natural gas	204		
BARING	LINCHMERE ROAD	Local government	No	Education facilities		Natural gas	202		
SOUTH LEWISHAM HEALTH CENTRE	50 CONISBOROUGH CRESCENT	Other public	No	NHS		Natural gas	157		
Former Tiger's Head Pub	350-352 Bromley Road	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)			154	41	Estimate
DOWNHAM FIRE STATION	260 REIGATE ROAD	Other public	No	Fire stations	Individual boilers	Natural gas	148		LDA
Grove Park Library	SOMERTREES AVENUE	Local government	No	Local government estate		Natural gas	135		
Hollydale 45 (Children with Disabilities)	45 BROMLEY ROAD	Local government	No	Local government estate		Natural gas	114		
Lewisham Tuition Centres, 25 Bromley Rd, Catford		Local government	No	Education facilities			112		LDA
Grove Park Cemetery	MARVELS LANE	Local government	No	Local government estate		Natural gas	111		
HOLY CROSS	CULVERLEY ROAD	Local government	No	Education facilities		Natural gas	106		
Lewisham Crematorium	VERDANT LANE	Local government	No	Local government estate			90		Estimate
Torridon Road Library	TORRIDON ROAD	Local government	No	Local government estate		Natural gas	90		
Northover Support Centre	98 102 NORTHOVER	Local government	No	Local government estate		Natural gas	71		
Grove Park Youth Centre	MARVELS LANE	Local government	No	Sport & Leisure facilities		Natural gas	63		
Grove Park Library		Local government	No	Local government estate			55		LDA
Hollydale 43 (Leaving Care Team)	43 BROMLEY ROAD	Local government	No	Local government estate		Natural gas	37		
Lewisham Young Womens Project	308 BROWNHILL ROAD	Local government	No	Local government estate		Natural gas	37		
Meliot Road 50 (Meliot Family Care Centre)	50 MELIOT ROAD	Local government	No	Local government estate		Natural gas	33		
Grove Park Library Gardens Playclub	SOMERTREES AVENUE	Local government	No	Local government estate		Natural gas	15		
Rangfield After Schools Club	RANGFIELD ROAD	Local government	No	Local government estate			15		Estimate
Hither Green Cemetery	VERDANT LANE	Local government	No	Local government estate		Natural gas	15		
Forster Park Playclub	WHITEFOOT LANE	Local government	No	Local government estate		Natural gas	14		
The London Borough of Lewisham	1 Bankfoot Road ,Bromley	Central government	No	Central government estate					LDA
GREENVALE SCHOOL	GREENVALE SCHOOL	Unidentified	No	Education facilities					LDA
Gymnasium		Unidentified	No	Sport & Leisure facilities					LDA
BARING HALL HOTEL	BARING ROAD, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA

**Area 5 Catford, continued**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
EROS HOUSE	FLAT 1 BROWNHILL ROAD LONDON	Private	No	Multi-address buildings				63	LDA
PAXTON COURT	FLAT 19 MARVELS LANE LONDON	Private	No	Multi-address buildings				68	LDA
13 STANNARD COURT	CULVERLEY ROAD LONDON	Private	No	Multi-address buildings				61	LDA
PASSFIELDS	COMMUNITY ROOMS, BROMLEY ROAD	Unidentified	No	Sport & Leisure facilities					
CATFORD POLICE STATION	333 BROMLEY ROAD	Other public	No	Police stations					
Flats 1-42	324 BROWNHILL ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
WOODHAM HOUSE	5 DANESWOOD AVENUE	Private	No	Multi-address buildings					
HOLY CROSS ROMAN CATHOLIC CHURCH	SANGLEY ROAD	Other public	No	Churches					
HARTLEY HALL	SANGLEY ROAD	Other public	No	Churches					
	SAINT LAURENCE CHURCH OF ENGLAND CHURCH, 37 BROMLEY ROAD	Other public	No	Churches					
	37 BROMLEY ROAD	Other public	No	Churches					
ST ANDREW CHURCH OF ENGLAND CHURCH	SANDHURST ROAD	Other public	No	Churches					
THE VICARAGE	119 TORRIDON ROAD	Other public	No	Churches					
HITHER GREEN CEMETARY CHAPEL	VERDANT LANE	Other public	No	Churches					
CATFORD & BROMLEY UNITED SYNAGOGUE	6 CRANTOCK ROAD	Other public	No	Churches					
DOWNHAM WAY FAMILY CHURCH	20 THE GREEN	Other public	No	Churches					
JUBILEE INTERNATIONAL CHURCH	72A MAYESWOOD ROAD	Other public	No	Churches					
CHURCHDOWN CHRISTIAN CENTRE	60 CHURCHDOWN	Other public	No	Churches					
THE PRESBYTERY	MOORSIDE ROAD	Other public	No	Churches					
THE GOOD SHEPHERD CHURCH	79 MOORSIDE ROAD	Other public	No	Churches					
DR SARKER'S SURGERY	147 BARING ROAD	Other public	No	NHS					
BOUNDFIELD MEDICAL CENTRE	103 BOUNDFIELD ROAD	Other public	No	NHS					
PARKVIEW SURGERY	186 BROWNHILL ROAD	Other public	No	NHS					
CHINBROOK SURGERY	32 CHINBROOK ROAD	Other public	No	NHS					
THE SURGERY	481 DOWNHAM WAY	Other public	No	NHS					
MARVELS LANE HEALTH CENTRE	GATE HOUSE PRACTICE, 37 MARVELS LANE	Other public	No	NHS					
THE SURGERY	50 MUIRKIRK ROAD	Other public	No	NHS					
OAKVIEW FAMILY PRACTICE	190 SHROFFOLD ROAD	Other public	No	NHS					
WINLATON SURGERY	139 WINLATON ROAD	Other public	No	NHS					
<b>Total</b>							<b>20,911</b>		

**Area 6 Bell Green**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Hive Hotel	185 Dartmouth Road, London	Private	No	Hotels (> 99 units or 4,999 m2)			2,610	125	Estimate
SEDGEHILL	SEDGEHILL ROAD	Local government	No	Education facilities		Natural gas	2,462		
The Bridge	KANGLEY BRIDGE ROAD	Local government	No	Sport & Leisure facilities		Natural gas	1,593		
KILMORIE	KILMORIE ROAD	Local government	No	Education facilities		Natural gas	782		
ATHELNEY	ATHELNEY STREET	Local government	No	Education facilities		Natural gas	637		
ELFRIDA	ELFRIDA CRESCENT	Local government	No	Education facilities		Natural gas	599		
Bell Green	Bell Green, Lower Sydenham	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)			587	156	Estimate
ADAMSRILL	ADAMSRILL ROAD	Local government	No	Education facilities		Natural gas	562		
KELVIN GROVE	KELVIN GROVE	Local government	No	Education facilities		Natural gas	503		
WATERGATE SPECIAL SCHOOL	LUSHINGTON ROAD	Local government	No	Education facilities		Natural gas	495		
RATHFERN	RATHFERN ROAD	Local government	No	Education facilities		Natural gas	410		
FOREST HILL	DACRES ROAD	Local government	No	Education facilities		Natural gas	390		
HASELTINE	HASELTINE ROAD	Local government	No	Education facilities		Natural gas	365		
BRENT KNOLL SPECIAL	MAYOW ROAD	Local government	No	Education facilities		Natural gas	349		
New Woodlands School, Sydenham		Local government	No	Education facilities			348		LDA
Kirkdale Centre CEL	84 KIRKDALE	Local government	No	Local government estate		Natural gas	339		
ELIOT BANK	THORPEWOOD AVENUE	Local government	No	Education facilities		Natural gas	320		
SYDENHAM GREEN GROUP PRACTICE	26 HOLMSHAW CLOSE	Other public	No	NHS		Natural gas	280		
OUR LADY & PHILLIP NERI	MAYOW ROAD	Local government	No	Education facilities		Natural gas	277		
Sites at Forest Hill (Hindsley's Place)		Private	Yes	Private residential (> 149 units or 9,999 m2)			267	71	Estimate
Sedgehill Community Centre	69 85 SEDGEHILL ROAD	Local government	No	Sport & Leisure facilities		Natural gas	262		
ST MICHAELS	CHAMPION ROAD	Local government	No	Education facilities		Natural gas	255		
SYDENHAM	ROOF LEVEL 5648, DARTMOUTH ROAD	Local government	No	Education facilities		Natural gas	253		
Bell Green, SavaCentre	Bell Green, Lower Sydenham	Private	No	Private commercial (> 9,999 m2)			246		Estimate
246 Bromley Road	246 Bromley Road	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)			188	50	Estimate
Kilmorie Professional Development Centre	KILMORIE ROAD	Local government	No	Local government estate			187		Estimate
Naborhood Resource Centre	44A SYDENHAM ROAD	Local government	No	Local government estate		Natural gas	153		
The Greyhound PH	309-315 Kirkdale	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)			150	40	Estimate
PERRYMOUNT	SUNDERLAND ROAD	Local government	No	Education facilities		Natural gas	131		
Former Tile Magic	108-110 Bromley Road	Private	Yes	Private residential (> 149 units or 9,999 m2)			120	32	Estimate
ST AUGUSTINES	DUNFIELD ROAD	Local government	No	Education facilities		Natural gas	118		
113-157 Sydenham Road		Private	Yes	Private residential (> 149 units or 9,999 m2)			114	49	Estimate
O'Rourke/Sivyer Transport		Private	Yes	Private residential (> 149 units or 9,999 m2)			109	29	Estimate
Sydenham Library	SYDENHAM ROAD	Local government	No	Local government estate		Natural gas	101		
Forest Hill Library	DARTMOUTH ROAD	Local government	No	Local government estate		Natural gas	100		
Bellingham North Community Centre	BELLINGHAM GREEN	Local government	No	Sport & Leisure facilities		Natural gas	92		
Sydenham Hill Community Hall	SYDENHAM HILL	Local government	No	Sport & Leisure facilities		Natural gas	91		
Rotary Day Centre	6 7 ADDINGTON GROVE	Local government	No	Education facilities			89		Estimate
Bell Green	Bell Green, Lower Sydenham	Private	Yes	Private commercial (> 9,999 m2)			83		Estimate
	181-191 Kirkdale, London	Unidentified	Yes	Private residential (> 149 units or 9,999 m2)			71	19	Estimate
Kirkdale Resource Centre	200 KIRKDALE	Local government	No	Local government estate		Natural gas	71		
Greenvale PERRY RISE	69 PERRY RISE	Local government	No	Education facilities		Natural gas	69		
HOLY TRINITY	DARTMOUTH ROAD	Local government	No	Education facilities		Natural gas	66		
ST BARTS	ST BARTHOLOMEW'S CLOSE	Local government	No	Education facilities		Natural gas	64		
Wells Park Hall	WELLS PARK ROAD	Local government	No	Sport & Leisure facilities		Natural gas	59		
Bellingam Sure Start Shop	22 RANDESDOWN ROAD	Local government	No	Local government estate		Natural gas	47		
Hillcrest Clubroom	80 HIGH LEVEL DRIVE	Local government	No	Sport & Leisure facilities		Natural gas	46		
Bellingham Sure Start Centre	22 RANDESDOWN ROAD	Local government	No	Local government estate		Natural gas	46		
The Dumps Adventure Playground	14 OAKVIEW ROAD	Local government	No	Local government estate		Natural gas	32		

**Area 6 Bell Green, continued**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
Bellingham Gateway Youth & Community	BELLINGHAM GATEWAY YOUTH & COMMUNITY CENTRE, 185 BROOKEHOWSE ROAD	Local government	No	Local government estate		Natural gas	30		
Silverdale Hall	SILVERDALE HALL, 8 SILVERDALE	Local government	No	Sport & Leisure facilities		Natural gas	26		
3 Old Bromley Road	3 Old Bromley Road, Bromley	Local government	No	Other public buildings		Natural gas	21		
Venner Road Hall	VENNER ROAD	Local government	No	Sport & Leisure facilities		Natural gas	21		
Bellingham Community Learning Centre	14A RANDESDOWN ROAD	Local government	No	Local government estate		Natural gas	19		
Tintagel Centre	OLD BROMLEY ROAD	Local government	No	Local government estate		Natural gas	17		
Sydenham Service Centre	WILLOW WAY	Local government	No	Other public buildings		Natural gas	11		
Wells Park Health Project	106 WELLS PARK ROAD	Local government	No	Local government estate		Natural gas	11		
Bellingham Green Play Area	BELLINGHAM GREEN	Local government	No	Local government estate		Natural gas	10		
Louise House Early Years Centre	EARLY YEARS CENTRE, DARTMOUTH ROAD	Local government	No	Local government estate		Natural gas	9		
Champion Hall	1 HOLMSHAW CLOSE	Local government	No	Sport & Leisure facilities		Natural gas	6		
Adamsrill After School Club	ADAMSRILL ROAD	Local government	No	Local government estate			5		Estimate
Louise House	DARTMOUTH ROAD	Local government	No	Local government estate		Natural gas	1		
The London Borough of Lewisham	Flat J 199 Perry Vale ,London	Central government	No	Central government estate					LDA
The London Borough of Lewisham	The Pavilion Catford Road ,London	Central government	No	Central government estate					LDA
SYDENHAM HIGH SCHOOL	SYDENHAM HIGH SCHOOL	Unidentified	No	Education facilities					LDA
SYDENHAM HIGH SCHOOL	SYDENHAM HIGH SCHOOL	Unidentified	No	Education facilities					LDA
LEWISHAM SCHOOLS 6TH FORM CONSORTIUM	LEWISHAM SCHOOLS 6TH FORM CONSORTIUM	Unidentified	No	Education facilities					LDA
ASTRA PALACE HOTEL	SYDENHAM HILL, LONDON	Private	No	Hotels (> 99 units or 4,999 m2)					LDA
Bellingham Leisure & Lifestyle Centre	Randlesdown Road, London, Greater London	Unidentified	No	Sport & Leisure facilities					LDA
Faces Health & Beauty Studio	251, Dartmouth Road, London	Unidentified	No	Sport & Leisure facilities					LDA
La Fitness Ltd	291, Kirkdale, London	Unidentified	No	Sport & Leisure facilities					LDA
Metro Flex Gym	6, Worsley Bridge Road, London	Unidentified	No	Sport & Leisure facilities					LDA
Powerleague Catford	The Pavilion, Catford Road, London	Unidentified	No	Sport & Leisure facilities					LDA
Simply Woman Health Club	Park Hall, Sydenham Park, London	Unidentified	No	Sport & Leisure facilities					LDA
WIRRALL HOUSE	FLAT 1 SYDENHAM HILL LONDON	Private	No	Multi-address buildings				54	LDA
MAIS HOUSE	FLAT 1 44 SYDENHAM HILL LONDON	Private	No	Multi-address buildings				62	LDA
FOREST CROFT	FLAT 1 TAYMOUNT RISE LONDON	Private	No	Multi-address buildings				64	LDA
TAYMOUNT GRANGE	FLAT 1 TAYMOUNT RISE LONDON	Private	No	Multi-address buildings				87	LDA
SILBURY HOUSE	FLAT 1 SYDENHAM HILL LONDON	Private	No	Multi-address buildings				54	LDA
ELM LANE SPORTS PAVILION	ELMS YOUTH PROJECT, ELM LANE	Unidentified	No	Sport & Leisure facilities					
Forest Hill Pools	DARTMOUTH ROAD	Local government	No	Sport & Leisure facilities					
BROOKEHOWSE COMMUNITY CENTRE	108 BROOKEHOWSE ROAD	Unidentified	No	Sport & Leisure facilities					
MEADOWS COMMUNITY CENTRE	CHESTNUT CLOSE	Unidentified	No	Sport & Leisure facilities					
THE MEADOWS COMMUNITY CENTRE ADJACENT	BECKENHAM HILL ROAD	Unidentified	No	Sport & Leisure facilities					
BOURBON HOUS	BECKENHAM HILL ROAD	Unidentified	No	Sport & Leisure facilities					
FOXGROVE GOLF CLUB	BECKENHAM PLACE PARK	Private	No	Sport & Leisure facilities					
The Greyhound PH	309-315 Kirkdale	Private	Yes	Private commercial (> 9,999 m2)					
SYDENHAM POLICE STATION	179 DARTMOUTH ROAD	Other public	No	Police stations					
Flats 1-34, THE VINERIES	RIVERVIEW PARK	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	74-116 POLECROFT LANE	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-23, WELLAND COURT	14 OAKHAM CLOSE	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-18	5 SIDDON ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-34, MERRYDOWN	29 DACRES ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-24, NORTHMOOR	INGLEMERE ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
MIRIAM LODGE	185 DARTMOUTH ROAD	Private	No	Multi-address buildings					
	18 QUEENSWOOD ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	1-18 MILL GARDENS	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-18, KENTON COURT	ADAMSRILL ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	2-36 HENSFORD GARDENS	Private	No	Multi-address buildings	Central Boilers	Natural gas			
HOLLOWCOMBE	41 TAYLOR'S LANE	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-4	12 BISHOPSTHORPE ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats A-F, THE WOOD	16 SYDENHAM HILL	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-18	190 KIRKDALE	Private	No	Multi-address buildings	Central Boilers	Natural gas			

**Area 6 Bell Green, continued**

Name	Address	Ownership	New dev.	Typology	Heating supply	Fuel source	Fuel consumption from all assets including CHP (MWh/year)	Number of Dwellings	Data source
	10 ADDINGTON GROVE	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	48-66 HAZEL GROVE	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	1-23 LAUREL GROVE	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-6	133 MAYOW ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-6	215 SYDENHAM ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-28	64 LAWRIE PARK ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
Flats 1-44, WAVERLEY COURT	35 VENNER ROAD	Private	No	Multi-address buildings	Central Boilers	Natural gas			
	CATFORD COMMUNITY CHURCH, 39 HURSTBOURNE ROAD	Other public	No	Churches					
KINGS CHURCH	CATFORD HILL	Other public	No	Churches					
QUAKERS RELIGIOUS SOCIETY OF FRIENDS	34 SUNDERLAND ROAD	Other public	No	Churches					
JCCMI	2A DEVONSHIRE ROAD	Other public	No	Churches					
THE VICARAGE	VANCOUVER ROAD	Other public	No	Churches					
THE PARISH CHURCH OF ST GEORGE WITH CHRISTCHURCH AND ST PAUL	VANCOUVER ROAD	Other public	No	Churches					
THE SPIRE CHRIS CHURCH	CHURCH RISE	Other public	No	Churches					
CHAPEL ON THE HILL	CHURCH RISE	Other public	No	Churches					
PERRY RISE BAPTIST CHURCH	PERRY RISE	Other public	No	Churches					
HOLY TRINITY CHURCH CENTRE	4 TRINITY PATH	Other public	No	Churches					
ELIM PENTECOSTAL CHURCH	ALLERFORD ROAD	Other public	No	Churches					
ST PHILIP THE APOSTLE CHURCH	COOMBE ROAD	Other public	No	Churches					
THE GROVE CENTRE CHURCH	2 JEWS WALK	Other public	No	Churches					
ST BARTHOLOMEWS CHURCH	WESTWOOD HILL	Other public	No	Churches					
	CHURCH OF OUR LADY OF LOURDES AND ST PHILLIP NERI, 9 CHELFORD ROAD	Other public	No	Churches					
THE PRESBYTERY	88 BECKENHAM HILL ROAD	Other public	No	Churches					
BELLINGHAM GREEN SURGERY	24 BELLINGHAM GREEN	Other public	No	NHS					
THE VALE MEDICAL CENTRE	195 197 PERRY VALE	Other public	No	NHS					
SYDENHAM SURGERY	2 SYDENHAM ROAD	Other public	No	NHS					
WELLS PARK PRACTICE	1 WELLS PARK ROAD	Other public	No	NHS					
WOOLSTONE ROAD MEDICAL CENTRE	WOOLSTONE ROAD	Other public	No	NHS					
<b>Total</b>							17,776		

## 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 <sup>2</sup> )	Number of dwellings	Installed thermal capacity from all assets	CHP Installed power (MW)	CHP Installed thermal capacity (MW)	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	
540646	172950	251	Grove Park Library		SE12 0QB	Local government	No	Local government estate			55.009426	0	0	0.00	0	0.00	0.00	0					Borough Heat Loss	No		Lewisham			
536117	172536	305	The London Borough of Lewisham	Flat J 199 Perry Vale ,London	SE23 2JF	Central government	No	Local government estate			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537902	174688	306	The London Borough of Lewisham	368 Lewisham High Street ,Lon	SE13 6LQ	Central government	No	Local government estate			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537762	173922	307	The London Borough of Lewisham	86 Rushey Green ,London	SE6 4HW	Central government	No	Local government estate			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537366	173453	308	The London Borough of Lewisham	The Pavilion Catford Road ,Lon	SE6 4SW	Central government	No	Local government estate			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
539326	171623	310	The London Borough of Lewisham	1 Bankfoot Road ,Bromley	BR1 5JA	Central government	No	Local government estate			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
536861	177689	311	The London Borough of Lewisham	8 Kingfisher Square ,London	SE8 5TW	Central government	No	Local government estate			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537930	174141	427	BENEFITS AGENCY	9-19 RUSHEY GREEN	SE64AS	Central government	No	Local government estate		Oil	408.692625	0	0	0.00	0.121634	0.00	0.00	119.40854	-	1997				Boiler Sites	No		Lewisham		
536442	177067	7	Aldermoor Associates	6 Clifton Rise ,London	SE14 6JP	Private	No	Museum and art gallery			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537022	177103	124	Gallery Fresh	21 Watsons Street ,London	SE8 4AU	Private	No	Museum and art gallery			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
534876	173132	155	Hornton Museum And Gardens	100 London Road ,London	SE23 3PQ	Private	No	Museum and art gallery			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537147	177492	222	Museum of Installation	171 Deptford High Street ,Lon	SE8 3NU	Private	No	Museum and art gallery			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537082	177280	307	The Albany Ltd	SEB 4AG	SEB 4AG	Private	No	Museum and art gallery			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537497	171727	309	The Art in Perpetuity Trust	Harold Works & Creekside ,Lon	SE8 4SA	Private	No	Museum and art gallery			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537074	176784	378	NEW CROSS FIRE STATION	266 QUEENS ROAD	SE14 5UN	Other public	No	Fire stations	Individual boilers	Natural gas	336.03011	0	1,723	0.00	0.28	0.00	0.00	0	1894	2009			Meters	No		Lewisham			
535962	173316	379	FOREST HILL FIRE STATION	155 STANSTEAD ROAD	SE23 1HP	Other public	No	Fire stations	Individual boilers	Natural gas	274.20578	0	829	0.00	0.23	0.00	0.00	0	1971	2009			Meters	No		Lewisham			
536601	178074	380	DEPTFORD FIRE STATION	186 EVELYN STREET	SE8 5DB	Other public	No	Fire stations	Individual boilers	Natural gas	152.61992	0	757	0.00	0.13	0.00	0.00	0	1900	2009			Meters	No		Lewisham			
538136	175002	381	LEWISHAM FIRE STATION	249-259 LEWISHAM HIGH STR	SE13 6NQ	Other public	No	Fire stations	Individual boilers	Natural gas	507.88474	0	2,543	0.00	0.43	0.00	0.00	0	1967	2009			Meters	No		Lewisham			
539994	172498	382	DOWNHAM FIRE STATION	260 REIGATE ROAD	BR1 5JN	Other public	No	Fire stations	Individual boilers	Natural gas	148.0144	0	768	0.00	0.13	0.00	0.00	0	1994	2009			Meters	No		Lewisham			
540362	169458	383	BROMLEY FIRE STATION	4 SOUTH STREET	BR1 1RH	Other public	No	Fire stations	Individual boilers	Natural gas	265.92783	0	1,169	0.00	0.23	0.00	0.00	0	1908	2009			Meters	No		Lewisham			
534772	171585	2324	SYDENHAM HIGH SCHOOL	SYDENHAM HIGH SCHOOL	SE266BL	No	No	Education facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
534676	171482	2325	SYDENHAM HIGH SCHOOL	SYDENHAM HIGH SCHOOL	SE266BL	No	No	Education facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
536531	172254	2401	ALLENBY SCHOOL	ALLENBY SCHOOL	SE232DF	No	No	Education facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
535836	176887	2408	ROGBONKO VILLAGE SCHOOL	ROGBONKO VILLAGE SCHOOL	SE145JT	No	No	Education facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
535717	177430	2409	MONSON PRIMARY SCHOOL	MONSON PRIMARY SCHOOL	SE145RD	No	No	Education facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
536912	172916	2450	LEWISHAM SCHOOLS 6TH FORM C	LEWISHAM SCHOOLS 6TH FORM C	SE4 4LB	No	No	Education facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
536980	172460	2464	LEWISHAM INDO CHINESE COMM	LEWISHAM INDO CHINESE CO	SE8 5LW	No	No	Education facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537949	174408	2505	THE OLIVE TREE SCHOOL	THE OLIVE TREE SCHOOL	SE136NZ	No	No	Education facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537032	176920	2508	ADDEY & STANHOPE SCHOOL	ADDEY & STANHOPE SCHOOL	SE1461J	No	No	Education facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537224	173795	2512	ST. JOSEPHS RC SCHOOL	ST. JOSEPHS RC SCHOOL	SE8 3PH	No	No	Education facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
539333	172411	2512	GREENVALE SCHOOL	GREENVALE SCHOOL	SE8 11E	No	No	Education facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
539444	174637	2575	ST. WINIFREDS RC SCHOOL	ST. WINIFREDS RC SCHOOL	SE128NS	No	No	Education facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
539265	175495	2578	SCHOOL FOR TODDLERS	SCHOOL FOR TODDLERS	SE135BU	No	No	Education facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
539735	176156	2579	BLACKHEATH HIGH SCHOOL GPO	BLACKHEATH HIGH SCHOOL G	SE3 0TF	No	No	Education facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537168	176264	3422	Lewisham College, Brockley		SE4 1UT	Local government	No	Education facilities			4044.378882	0	0	0.00	0	0.00	0.00	0						Borough Heat Loss	No		Lewisham		
537713	173402	3423	Lewisham Tuition Centres, 25 Bromley Rd, Catford		SE6 2TS	Local government	No	Education facilities			111.630744	0	0	0.00	0	0.00	0.00	0						Borough Heat Loss	No		Lewisham		
534814	172156	3424	New Woodlands School, Sydenham		SE26 4BH	Local government	No	Education facilities			348.139038	0	0	0.00	0	0.00	0.00	0						Borough Heat Loss	No		Lewisham		
534922	171474	948	ASTRA PALACE HOTEL	SYDENHAM HILL ,LONDON	SE266SJ	Private	No	(c. 95 units or 4,999 m2)			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537782	172198	51	Bellingham Leisure & Lifestyle Cent	Randlesdown Road ,London, G	SE6 3BT	Private	No	Port & Leisure facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
534948	172139	193	Faces Health & Beauty Studio	251 Dartmouth Road ,London	SE26 4QY	Private	No	Port & Leisure facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
539712	171452	288	Gymnasium			Private	No	Port & Leisure facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537037	176965	342	Iyengar Yoga Institute of South Lon	470, New Cross Road ,London	SE14 6TJ	Private	No	Port & Leisure facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
535251	171628	370	La Fitness Ltd	291 Kirkdale ,London	SE26 4QD	Private	No	Port & Leisure facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537894	174905	406	Leisure Centre			Private	No	Port & Leisure facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
536923	171650	436	Metro Flex Gym	6, Worsley Bridge Road ,Lond	SE26 5BE	Private	No	Port & Leisure facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537366	173453	517	Powerleague Catford	The Pavilion, Catford Road ,Lon	SE6 4SW	Private	No	Port & Leisure facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
535016	172042	555	Simply Woman Health Club	Park Hall, Sydenham Park ,Lon	SE26 4EE	Private	No	Port & Leisure facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537223	173895	556	Skylife Gym	36, Rushey Green ,London	SE6 4HW	Private	No	Port & Leisure facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
536401	174574	569	Someone Very Beautiful	398a, Brockley Road ,London	SE4 2DH	Private	No	Port & Leisure facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
537093	173490	619	St Dunstons Leisure	Stanstead Road ,London	SE6 4TY	Private	No	Port & Leisure facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
535317	173028	660	Total Body Fitness	15, David's Road ,London	SE23 3EP	Private	No	Port & Leisure facilities			0	0	0	0.00	0	0.00	0.00	0						No		Lewisham			
539042	173941	725	TARA SWIMMING POOLS & SPAS	274, 274, HITHER GREEN LAN	SE136TT	Private	No	Port & Leisure facilities																					

Major Heat Supply plants

GXS	OFS	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 (MWh)	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	Borough	Real or estimated data?	Notes
538123	174927	94	LADYWELL LEISURE CENTRE	-				LEISURE		0	0	0.08	0	0						No		Lewisham		
<b>TOTAL</b>										<b>0</b>	<b>0</b>	<b>0.08</b>	<b>0.13</b>	<b>0</b>	-	-	-	-	-	-	-			

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	Borough	Real or estimated data?	Notes
<b>TOTAL</b>										<b>0.00</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	-	-	-	-	-	-	-	-		

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

Borough High Level Implementation Plan LEWISHAM							Appendix E
DE Opportunity	Priority	Notes	Barriers	Next Steps	Key dates	Responsible person	
(Identified by location, name of development, scheme name or other)	(High, Medium or Low based on highest potential for delivery)	(Basis of assessment of delivery potential)	(Potential barriers for delivery of opportunity identified)	(Next steps for LA to facilitate delivery of opportunity identified)	(If action is not taken by this date the potential for delivery of the scheme may be reduced)	(Person responsible for taking action)	
1	Deptford / New Cross	High	This is a major regeneration area with a large number of existing and proposed development sites that may guarantee a viable heat demand for a potential network. The area is in proximity of SELCHP, which could supply waste heat into the network. This is a cross-border opportunity with Southwark and Greenwich.	The redevelopment of Deptford / New Cross occurs over an extended period of time. Phasing must be carefully considered.	Liaise with developers		
				Cost of installing the infrastructure necessary around the site	Information from the LDA on using the CIL		
				Limited capacity within Lewisham Council to develop these opportunities without additional external support	Identify opportunities to work with external organizations to deliver the work and/or provide funding for further work		
				Multiple organizations involved in the development process, adding complexity and uncertainty	Engagement with them in partnership with other organisations		
				The area is dissected by rail network infrastructure and Ravensbourne river.	Identify and do a preliminary cost/feasibility study of the options. Liaise with TfL		
			RASWA 1991 Section 58 and 58A restrictions may apply in the future. The A2 and A20 roads will be classified as main traffic routes and highways working will be restricted.				
2	Central Lewisham	High	The Lewisham Town Centre is earmarked as a major regeneration area in the borough. The two main development areas are Lewisham Gateway, a mixed-use project providing up to 800 new homes and Loampit Vale, a mixed-use scheme of eight buildings ranging in height from 5 to 24 storeys incorporating a new leisure centre with a swimming pool and 788 new homes. Other developments that can benefit from a potential network are Cornington Road (462 apartments) and Lee High Road.	RASWA 1991 Section 58 and 58A restrictions may apply in the future. The A20 road will be classified as a main traffic route and highways working will be restricted.	Identify and have carried out a preliminary cost/feasibility study of the options.		
				The area is dissected by rail network infrastructure, Ravensbourne and Quaggy rivers.			

**Borough High Level Implementation Plan LEWISHAM**

**Appendix E**

	DE Opportunity	Priority	Notes	Barriers	Next Steps	Key dates	Responsible person
	(Identified by location, name of development, scheme name or other)	(High, Medium or Low based on highest potential for delivery)	(Basis of assessment of delivery potential)	(Potential barriers for delivery of opportunity identified)	(Next steps for LA to facilitate delivery of opportunity identified)	(If action is not taken by this date the potential for delivery of the scheme may be reduced)	(Person responsible for taking action)
3	Hither Green	Medium	This is an area with a concentration of residential blocks along with Hither Green Primary School, which may warrant the establishment of a small community heating network.	<p>Overall heat density relatively low. May be restricted to higher density housing only.</p> <p>Rail network infrastructure borders the area to the east and may limit future expansion.</p> <p>RASWA 1991 Section 58 and 58A restrictions may apply in the future</p>	Develop a standardised requirement for people to enable their developments to connect in to networks which are subsequently developed		
4	Catford / Lewisham Hospital	Medium	This area could benefit from a network built around Lewisham Hospital and Lewisham Town Hall as the anchor loads. Other major consumers in this focus area are the Catford Greyhound Stadium development, Ladywell Leisure Centre, Lewisham Shopping Centre, as well as Malling, Bredgar and Kemsley Residential Towers.	<p>Rail infrastructure and Ravensbourne river cuts through the west part of the area.</p> <p>RASWA 1991 Section 58 and 58A restrictions may apply. The A205 and Lewisham High St will be classified as main traffic routes and highways working will be restricted.</p> <p>Any additional loads considered light residential which may not be suitable for connection.</p> <p>Ambulance routes will restrict the network installation in this area.</p>	Develop a standardised requirement for people to enable their developments to connect in to networks which are subsequently developed.		

**Borough High Level Implementation Plan LEWISHAM**

**Appendix E**

	<b>DE Opportunity</b>	<b>Priority</b>	<b>Notes</b>	<b>Barriers</b>	<b>Next Steps</b>	<b>Key dates</b>	<b>Responsible person</b>
	(Identified by location, name of development, scheme name or other)	(High, Medium or Low based on highest potential for delivery)	(Basis of assessment of delivery potential)	(Potential barriers for delivery of opportunity identified)	(Next steps for LA to facilitate delivery of opportunity identified)	(If action is not taken by this date the potential for delivery of the scheme may be reduced)	(Person responsible for taking action)
5	Sydenham	Low	There are a number of large heat consumers which could be linked together. A network could serve the Hive Hotel as the anchor load and link Sydenham School with residential estates along Dartmouth Road, Wells Park Road and up to estates around Shackleton Close to the north. The network could perhaps extend westward as far as Sydenham Hill.	Overall heat density relatively low. May be restricted to higher density housing only.	Develop a standardised requirement for people to enable their developments to connect in to networks which are subsequently developed.		