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LONDON HEAT MAP STUDY FOR THE LONDON BOROUGH OF SOUTHWARK

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of data and maps together with outlining a
implementation plan**

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1. INTRODUCTION

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

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

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

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

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

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

2. DATA COLLECTION

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

2.1 Methodology

The data gathering phase of the project lasted from the inception meeting on 8th March 2010 to submission of the spreadsheet to the LDA on 9th April 2010, a period of 5 weeks. The Borough covers an area of some 11 square miles: clearly it was unrealistic to attempt to cover heat demands for the building stock in the whole area, so some prioritisation was required.

The data gathering methodology adopted was guided by the list of 'priority buildings' identified in the project scope. Data was collected in the excel spreadsheet format on the template provided by the LDA. Most of the data was collected by Ramboll, this is shown in the spreadsheet 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.

As well as gathering energy data for the various heat loads, heat supply and district heating network sites and converting them into the required LDA template format, the required location data also had to be sourced and formatted in the correct manner. This included name, address and postcode of each site, together with the OS X&Y coordinates. The Borough gave Ramboll access to their LLPG database file, allowing us to match buildings for which we had already had heat data to their geographical location coordinates. Matching the numerous datasets could not be done automatically, when for example the names of sites differed slightly between datasets and individual properties it had to be aggregated to produce an entry for a single domestic site. The discrepancies have been minimised and all coordinates should lie within the footprint of the building or site they refer to.

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 table below lists the data sources for each type of priority building and includes notes on site identified:

| Priority Building Type | Examples | Data Source | Notes |
|-------------------------------|---|---|--|
| Multi address buildings | Private and public housing already on the LHM. | No heat data is associated with the private housing sites, they came from entries already on the LHM. The 6 public housing estates have data from the LHM. | The public housing estates listed are duplicated by Ramboll data and have not been removed by the LDA. |
| Sports and Leisure Facilities | Leisure centres, theatres, gyms. | For some sites identified by Ramboll, heat data was available through NI 185. Some sites already on the LHM also had no heat data associated with them. | |
| Prisons | Not applicable to Southwark. | | |
| Hotels more than 100 rooms | Hotels – 8 with more than 100 rooms were identified by Ramboll | Actual heat consumption data was obtained from Hilton for their two hotels in the Borough. For the remainder, heat data was estimated from number of bedrooms using CIBSE Guide F. | |
| Educational facilities | Nursery, primary and secondary schools, universities – see also ‘local government estate’ | Schools and universities already on the LHM – very few had heat data associated with them, and no data associated with the data. Heat data for two LSE buildings were provided via the sustainability manager at the LSE. | Schools identified by Ramboll are listed under ‘local government estate’ |

| Priority Building Type | Examples | Data Source | Notes |
|--|---|--|--|
| | | Heat consumption estimates for LSBU buildings was taken from SBEG. | |
| Police Stations | All police stations | These were to be obtained by the LDA: locations were identified but no heat data was obtained. | |
| Fire Stations | All fire stations | 2009 meter readings obtained by the LDA. | |
| Hospitals/NHS Estate | Guys and South London & Maundsley hospital | Guys & St Thomas' hospital trust | Data for PCT sites was not available. Although CHP was identified at Guys hospital, the heat production data was not available. |
| Museums and art galleries | Museums and art galleries | Sites were identified by Ramboll, but heat data was only available for the Imperial War Museum from the SBEG estimates. Entries were already on the LHM with no heat data associated with them. | |
| Central government estate | 7 sites identified. | These entries were already on the LHM with no heat demand data. | |
| Local Government Estate | Council run buildings, such as libraries, schools, community centres, offices and public housing estates. | NI 185 data collected by the Borough in 2009. | |
| Religious Institutions | Churches, synagogues etc. | Not used. | Due to the large number of these buildings, their disparate nature, no clear route to obtain heat data, and their expected low heat demand, it was decided not to actively pursue data from these buildings. |
| Private residential estates of more than 150 units | Large apartment blocks of privately owned houses. | Private housing estates (from 50-250 units) already on the LHM are included under 'multi address buildings' (and do not have any heat data associated with them). Some private housing blocks were identified by | |

| Priority Building Type | Examples | Data Source | Notes |
|---|--|---|--|
| | | Ramboll with heat data estimates supplied by SBEG. | |
| Private commercial units (more than 9999m ²) | Large offices and retail buildings. | Commercial properties in the SBEG area were identified by Ramboll and SBEG heat demand estimates were used. Floor space data that would then be used with benchmark figures was due to be collected by the LDA for use in this study but was not available in the timescales available. | Major supermarket chains were contacted but no heat data was provided within the timescales available (see methodology consideration section). Southwark Council '200 club' members were contacted but data was not available in the timescales. |
| Other public buildings (incl. major supermarkets, community venues, theatres etc) | This category is defined to include privately owned buildings used by members of the public. | Floor space data that would then be used with benchmark figures was due to be collected by the LDA for use in this study but was not available in the timescales available. | Major supermarket chains were contacted but no heat data was provided within the timescales available (see methodology consideration section). |

Ramboll identified the following proposed (or 'new') buildings or developments:

1. **Canada Water** redevelopment: the AAP energy study contains estimated heat demands for both the existing and proposed buildings in phases (for the years 2010, 2015 and 2020) and outlines a proposal for a strategic district heating area.
2. **Bankside, Borough and London Bridge Opportunity Area**: Between 2011 and 2026 there will be at least 1,900 extra homes and 400,000-500,000sqm of new business floor space. Much of this will be focused around London Bridge and the northern end of Blackfriars Road. Guy's Hospital and King's College Campus is also a major land use at London Bridge with a masterplan being prepared.
3. **South Bank Employers' Group (SBEG)**: a feasibility study for decentralised energy published in February 2009 contained proposals for district heating networks around clusters across the Lambeth/Southwark border.
4. **Elephant and Castle** regeneration: the heat interface to a MUSCO study from 2006 was reviewed, this includes proposal to connect a number of development sites with a DH network. Between 2011 and 2026 there will be at least 4,000 extra homes and 45,000sqm of new shopping and leisure floor space. A multiservice trench route and energy centre location has been identified.
5. **SELCHP**: a report commissioned by the GLA (*SELCHP Community Heating Scheme - Options Appraisal. Rev 3.*, Greater London Authority, February 2005) included a proposed district heating network route extending from the SELCHP plant in Lewisham across to the central area of Southwark, serving numerous housing estates.
6. **Aylesbury Estate**: the AAP for this area from December 2009 was reviewed. A desire to connect to a district heating network was identified, and the location is such that integration with either the Elephant and Castle network or the 2005 SELCHP network proposal is possible.
7. **Peckham and Nunhead** regeneration: the AAP consultation report from 2009 was reviewed. This was identified as a growth area in the Southwark Core Strategy. Specific targets have not been set, but there is capacity for around 2,000 new homes and some increase in business, retail and leisure floor space. This would be focused around the Peckham town centre. District heating was not mentioned specifically and the location is fairly remote from other major heat loads.

With the exception of the Canada Water redevelopment, heat demand estimates for these proposed developments were not available. The routes of the various proposed district heating networks were submitted to the LDA and included on the heat map.

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 Southwark. 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/m²/annum (CIBSE F table 20.1 Offices, Air conditioned, prestige)
- Assuming 67 kWh/m²/annum (80% of 2006 Part L Benchmark for Office)
- Assuming 80 m²/unit (80% of 2006 Part L Benchmark for Residential)
- Assuming 47 kWh/m²/annum (80% of 2006 Part L Benchmark for Residential)
- Assuming 58 m²/unit and 47 kWh/m²/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

The LDA template also required the compilation of major heat supply plants and district heating networks in the Borough. Ramboll interpreted these two datasets in the following manner:

- District heating networks are those that are existing or proposed that will have an accompanying energy centre (that may be CHP enabled), but the energy centre is not repeated in the major heat supply plant section, as they are not likely to have excess capacity to feed a new network.
- A major heat supply plant is considered to be a larger power station, Energy from Waste (EfW) plant or similar that doesn't currently export heat, or a large industrial site where there are processes that produce waste heat.

The following databases and information sources were pursued:

- Industrial Heat Map website

- LEP database
- Eionet Large Combustion Plant Database
- DECC CHP Database
- OFGEM CHP Database

No heat supply plants were identified within the Borough by Ramboll, however the data already on the LHM website lists a number of CHP units within the Borough as 'Major Heat Supply Plants'.

District Heating Networks

The Borough contains a high number of communal boiler systems that either serve a single block – these 'blocks' can be quite sizeable, in terms of the number of housing units contained within - or are more extensive; serving several developments through a heat network. Over 40 schemes described by the Borough as being extensive can be identified and over 30 of these have energy demands in excess of 1,000 MWh.

There are a number of sites of significant size that should be considered as the basis for any future heat networks;

| Heat Networks | Estimated heat consumption (MWh/yr) |
|-----------------------------|-------------------------------------|
| 1. Aylesbury Estate | 72,231 |
| 2. Wyndham Estate | 41,330 |
| 3. New Place, Clements Road | 37,536 |
| 4. North Peckham Estate | 22,596 |
| 5. Brandon Estate | 17,043 |
| 6. Consort Road | 15,822 |
| 7. Others | 141,544 |
| TOTAL HEAT DEMAND | 343,514 |

Table 1: Heat demands for existing district heating networks

In addition to this the individual blocks contribute a further **81,176MWh** per year in energy demand.

There are, of course, redevelopment proposals that may impact on the longevity of some of these estates/blocks – notably the Aylesbury Estate.

2.2 Methodology Considerations

- 'Double counting' – future developments with estimated heat demand may overlap existing sites where heat demand already counted. Data collected from various sources may overlap data which was already on the London heat map.
- Estimated data, as noted in the spreadsheet, may differ from actual consumption depending on, e.g. building fabric, occupancy patterns, actual building performance

The following sites or types of site were not included in the data submission that formed the

- Heat consumption data from member organisations in Southwark's '200 club', not provided during the timescales available.
- Heat consumption from existing retail and other commercial premises. The LDA was due to receive data from the Valuation Office on commercial properties, to include location data and floor space figures, which would then be used with energy benchmarks to produce estimated heat demand figures. However, this data was not available in the timescales available. In the meantime, a number of retail organisations had been contacted by Ramboll to try and obtain actual consumption data for their properties within the Borough. The letter template that was issued, is contained in Appendix C.
- Heat demand from proposed commercial premises within the numerous new development areas within the Borough have been included in the estimated heat loads for those areas where possible. It should also be noted that many large supermarkets premises may have more significant cooling loads than heating loads, which should be considered in further development of the project.
- The LDA provided data was from a previous study, so some of the buildings, by definition, would not be considered as "priority buildings".
- A proportion of the information gathered was partially incomplete, as information could not be returned within the timescale of the study.
- Police stations and TfL data to be collected by the LDA was not available in the timescales available.

3. HEAT MAP ANALYSIS

The next stage of the project is to analysis heat maps produced by the LDA based on the data collected.

Over 600 buildings (including those buildings identified by the LDA) were included in the assessment and this can be seen graphically in Appendix 1.

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, museums, multi-address buildings (businesses)
- Local Government: Local Government Estate, education, sports & leisure, museums
- Central Government: Central Government Estates
- Other public: NHS, Fire, Police, other public, multi address (public with central boilers)
- Unidentified: This 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 (Δ), 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.

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 2.

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.

| Larger Regions | Estimated heat consumption (MWh/yr) |
|----------------------|-------------------------------------|
| 1. Bermondsey | 268,117 |
| 2. North Southwark | 176,181 |
| 3. Camberwell | 298,485 |
| 4. Central Southwark | 54,628 |

| | |
|--------------------------|----------------|
| 5. East Dulwich | 20,519 |
| 6. Dulwich Village | 1,993 |
| 7. Dulwich | 6,770 |
| | |
| TOTAL HEAT DEMAND | 826,693 |

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

3.2 Criteria for creating clusters (Focus Areas)

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

Large heat user(s)

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

Large heat producer

- The provision of a primary energy source is also clearly 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 a number of buildings have been identified throughout the borough and grouped into regional areas it was decided to identify a number of areas that could be focused upon to provide potential for heat network development.

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

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

In total over 370 buildings/connections have been identified as being within the 7 Focus Areas identified.

1. **Canada Water:** an AAP with 31 proposed development sites is currently under consultation and district heating has been listed as a potential servicing strategy (*Canada Water Area Action Plan – Energy Study*, AECOM, November 2009). In the short term, there are existing large housing estates that would enable the start up of a decentralised project to the south of the AAP – taking into account future expansion into the proposed regeneration area in Canada Water. SELCHP expansion to this area has been investigated in the GLA SELCHP report (*SELCHP Community Heating Scheme - Options Appraisal. Rev 3.*, Greater London Authority, February 2005).

Within this Area 16 buildings/connections have been identified.

2. **North Southwark:** In the process of developing this Focus Area it was difficult to define clear boundaries that could have split this area into smaller zones. Since it is quite a large Focus Area, consideration could be given to sub-dividing this area into four to help make it more manageable when developing heat networks. Developing a network to cover the entire area of the suggested Focus Area would require significant infrastructure investment which may not be achievable. It is suggested that the Borough would be in a better position to determine how the Focus Area could be sub-divided base upon their detailed knowledge of the area.

As the Focus Area has a high heat demand and the heat loads appear to be sufficiently concentrated, this provides a good basis upon which to develop. Suggested sub-areas could include: LSBU/Elephant and Castle, Blackfriars, the area around London Bridge and Tower Bridge, and the Tabard Gardens area. Guy's Hospital could be the anchor load for the London and Tower Bridge sub-area. We should note that the Elephant & Castle MUSCo scheme is already proposed to the south of the LSBU/Elephant & Castle sub-area, lying between North Southwark area and Surrey Gardens Focus Area.

Within this Area 216 buildings/connections have been identified.

3. **Peckham:** a collection of housing estates together with new plans for regeneration warrants further investigation of district heating here. Due care has to be taken though since some of the surrounding areas are relatively low density. This area was listed for possible expansion of the proposed SELCHP network in the GLA SELCHP Report (*SELCHP Community Heating Scheme - Options Appraisal. Rev 3.*, Greater London Authority,

February 2005). An obstacle to overcome is the bisection from the railway line cutting through Peckham centre.

Within this Area 31 buildings/connections have been identified.

- 4. Southampton way:** a cluster of housing estates with a high concentration of heat demand comprising central boilers, including Sceaux Garden Estate, Pelican estate and Sedgemore place. At least 6 of the identified public housing developments comprise central boilers. A branch of the proposed network route from SELCHP would serve this area.

Within this Area 21 buildings/connections have been identified.

- 5. Camberwell:** a number of high density public housing in close proximity to each other, including Wyndham, D'eynsford and Castlemead estates. A branch of the proposed network route from SELCHP would serve this area on the way towards Myatt's Field, Lambeth. At least 7 of the identified public housing developments comprise central boilers.

Within this Area 38 buildings/connections have been identified.

Eventually, there is potential to link the three focus areas 3, 4 and 5 together as they are laid out in a line fairly adjacent to each other.

- 6. Surrey Gardens:** a cluster of public housing developments lies within the border of this Focus Area, the largest ones being Brandon Estate, Newington Development and Pasley Road Estate. At least 11 of the identified developments comprise central boilers.

Within this Area 33 buildings/connections have been identified.

- 7. Bermondsey Spa:** there are many high-rise blocks identified within the area around the Bermondsey Spa Gardens. There are also a number of buildings owned by the local council which may form the initial load for a district heating network. Setchell development may be an anchor load.

Within this Area 18 buildings/connections have been identified.

Table 3 summarises the estimated heat loads for each of the Focus Areas.

| Focus Area | Estimated heat consumption (MWh/yr) |
|--------------------|--|
| 1. Canada Water | 33,483 |
| 2. North Southwark | 178,526 |
| 3. Peckham | 53,651 |
| 4. Southampton Way | 26,902 |
| 5. Camberwell | 68,307 |

| | |
|--------------------------|----------------|
| 6. Surrey Gardens | 44,903 |
| 7. Bermondsey Spa | 12,258 |
| TOTAL HEAT DEMAND | 418,303 |

Table 3: Focus Area heat demands for potential district heating network(s)

These Focus Areas are indicated in Appendix 5. The buildings are listed in Appendix E.

4. IMPLEMENTATION PLAN

4.1 Focus areas

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

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

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

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

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 F contains tabulates the Implementation Plan with respect to each Focus Area and the Focus Areas are illustrated in Appendix 5.

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

4.2 Cross Borough opportunities

There is potential to import heat to the borough from the SELCHP plant in Lewisham. There are two main opportunities as identified in the SELCHP options appraisal report (*SELCHP Community Heating Scheme - Options Appraisal. Rev 3., Greater London Authority, February 2005*) connecting the Surrey Quays/Canada Water area to the north and/or connecting the Peckham/Southampton Way/Camberwell to the south west of the SELCHP plant.

In the concurrent Lewisham Heat Mapping Study, Deptford / New Cross, which borders Surrey Quays / Canada Water, has been identified as a Focus Area with high priority. Collaboration between the two boroughs will ensure that the most viable network option will be pursued and waste heat off take from SELCHP is optimised.

In the Camberwell area there could be opportunities to connect developments in Southwark with the King's College Hospital area in Lambeth, e.g. The Institute of Psychiatry. Moreover, there are new development proposals in Myatt's Field in Lambeth, including decentralised energy plans, which border a number of housing estates in Southwark.

Finally, the North Southwark area provides an opportunity to collaborate with areas in Lambeth, especially considering the plans for the SBEG decentralised project.

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 plus industrial process heating.

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

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

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

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

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

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

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

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

A complete district heating system includes as main components:

- Heat Production
- Pumps
- Pressurisation system

Controls

Pipes

Heat exchangers and End-user installations

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

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

Often a feasibility study is carried out 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 District heating network outline

As part of the heat map study work Ramboll has outlined an example of a heat network. Focus area 3 covering Peckham area was selected and is illustrated in Appendix 4 and in 5.3 below can be seen the network outline with pipe dimensions.

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 (Δ) T through all consumer installations, chosen as 40°C (meaning that the consumers return the district heating water at or below 50° C). A ΔT 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 4.

| Area | Estimated heat consumption (MWh/yr) | Max. Heat Load (MW) |
|--------------------------------------|-------------------------------------|---------------------|
| 3. Peckham | 53,600 | 23.8 |
| TOTAL HEAT DEMAND ON NETWORK: | 53,600 | 23.8 |

Table 4: 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 seen below:

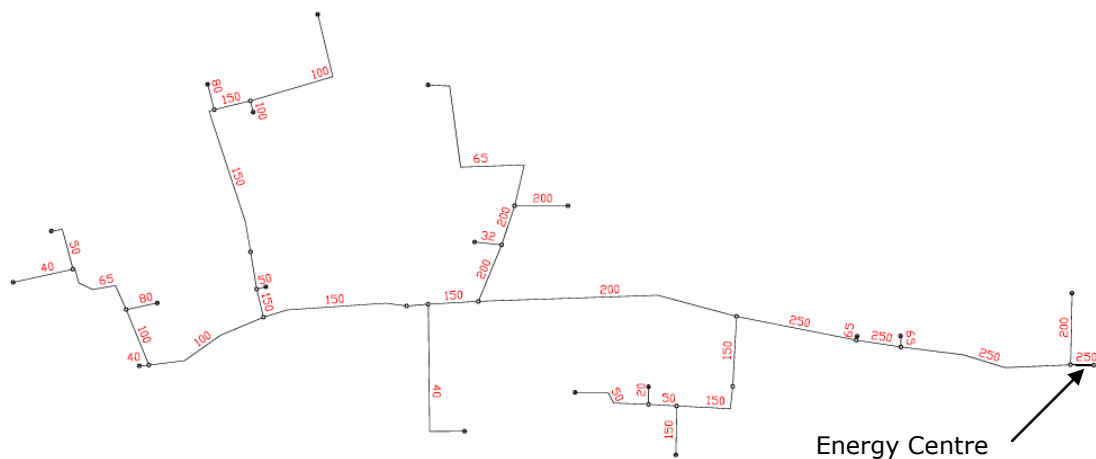


Figure 1: Example heat network layout - Peckham

The total length of the network is approximately 3.5 km. The largest pipe dimension is DN250.

The network outline above can also be seen in Appendix 6.1.

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 160 kW which gives a heat loss of around 1,200 MWh per annum.

5.1.5 District heating main network cost estimate

The network costs have been estimated to be around £4.6 million. This excludes the cost of the energy centre and any modifications required by buildings to connect to the heat network.

5.1.6 Comments on network

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

The 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 estimate based on a basic network outline which needs to be validated with a feasibility study.

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

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

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

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

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

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

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

There is a variation on the ESCO model which has been termed a MUSCO (Multi Utility Services Company). This approach has not yet been implemented on any significant scale in the UK. The UK's largest MUSCO is currently being planned in London¹.

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 aspects from the (relatively) short term engagement to the very long term operation and maintenance.

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

7.1 Local Authority and Stakeholder engagement

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

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

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 that the Company would become sufficiently large enough to directly employ such specialism but it could share this with neighbouring developments as the demand increases.

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

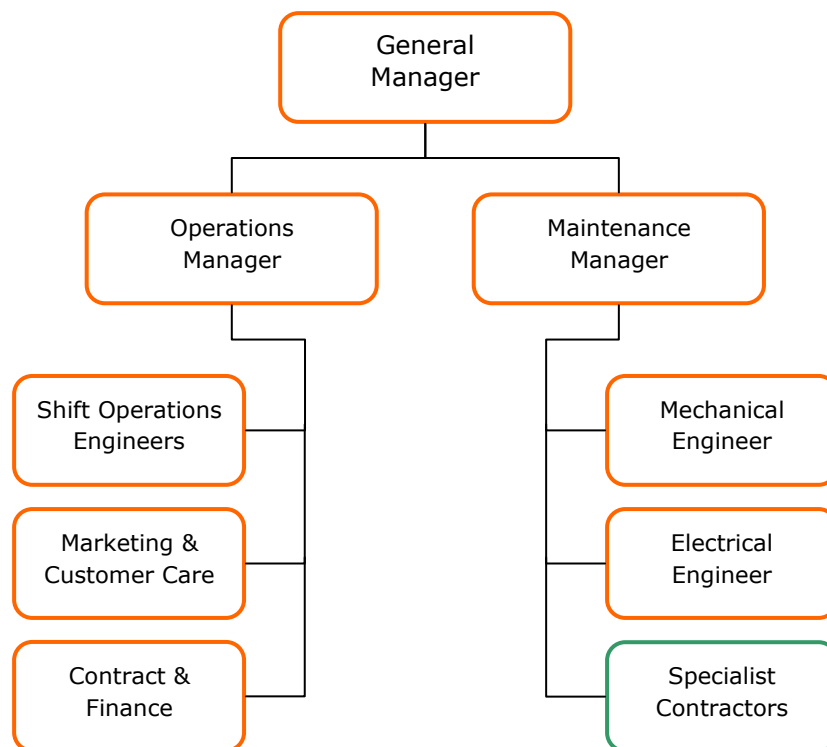


Figure 2: Typical organisational structure.

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 been driven by Local Authority leadership, influenced by specific local priorities, and constrained by policies governing the apportionment of risk and public sector borrowing and can be broadly characterised into five models:

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

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

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

- Social and environmental goals: The ability of an ESCo to strategically deliver on social and environmental goals in the short, medium and long term.

7.4.3 Financing

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

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

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

The period of the loan repayment could vary from 5-20 years for Bank debt finance or private equity, to 10-15 years or more for public sector borrowing or European investment funds or a combination of a number of sources. Clearly care has to be taken to ensure the financing matches the long term business plan.

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

7.4.4 Contract arrangements

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

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

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

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

Variable and optional contract elements can include time weighted tariffs to reward the avoidance of demanding heat at peak times. Operational 'cooling' tariffs ensure that the building connected to the DH system consumes energy correctly (kWh/m³ 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.

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

1. Canada Water – High
2. North Southwark – High
7. Bermondsey Spa - High
4. Southampton Way - High

5. Camberwell - Medium
6. Surrey Gardens - Medium
3. Peckham - Medium

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

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

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

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

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

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

- Due to the varying sizes of the district heating networks considered in this study and to fully consider the potential for a Borough-wide approach, a more detailed study needs to consider the transmission/distribution network approach as to what will be the best technical solution in combination with the viability of the scheme.
- The investment is significant and a more detailed study should look at phasing the implementation of the heat networks and look at reducing the investment risk.
- A detailed cost analysis and viability calculation based on whole life cost should be carried out on each network.

It is likely that even following a detailed feasibility study that a number of questions and uncertainties will remain. These should be thoroughly investigated and/or determined directly. The detailed specification for the installation and maintenance of the district heating network is something worth considering as early as possible in the project process. This helps to gain greater certainty for both the capital and operating costs.

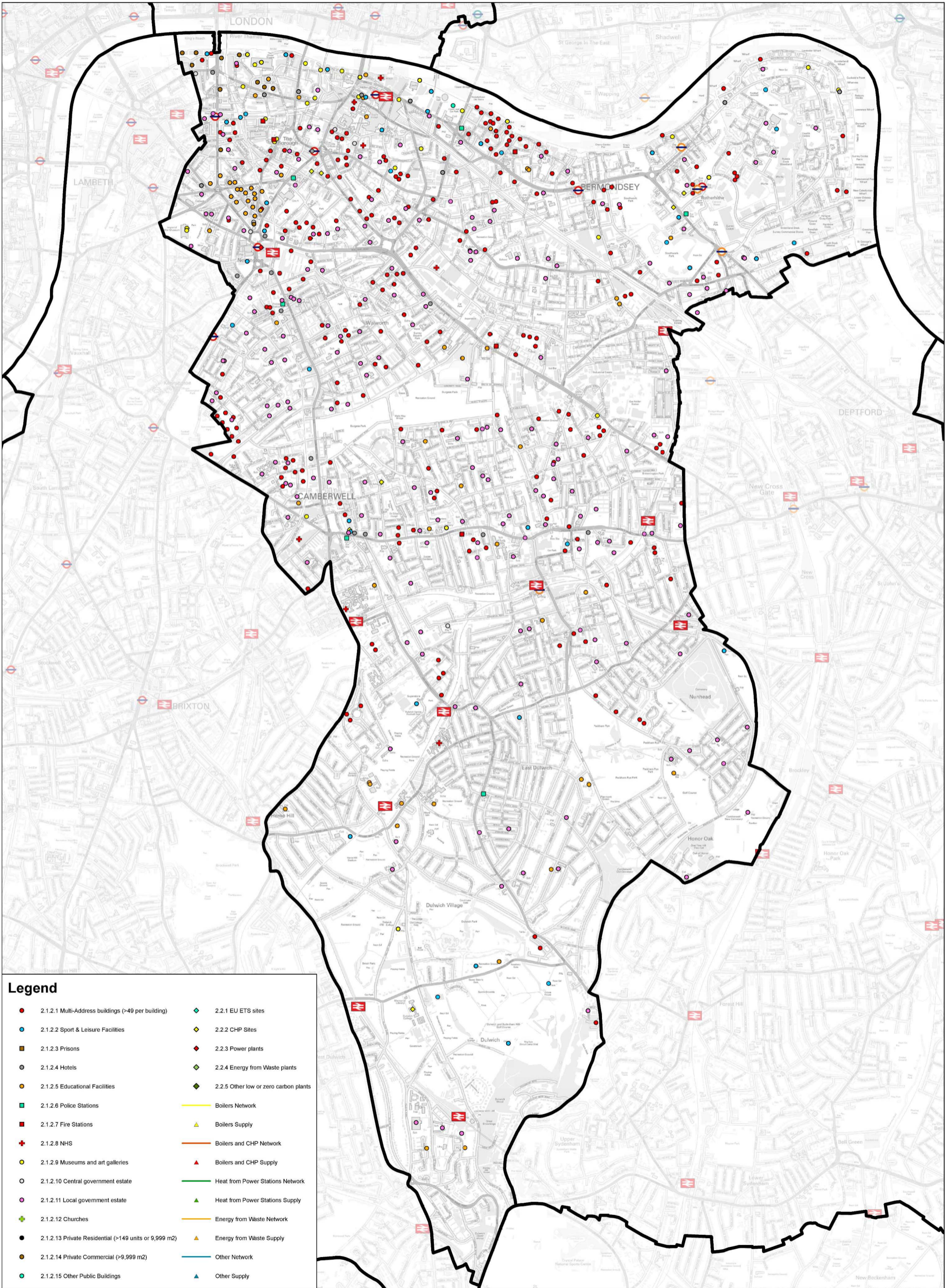
Ramboll would recommend that;

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

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

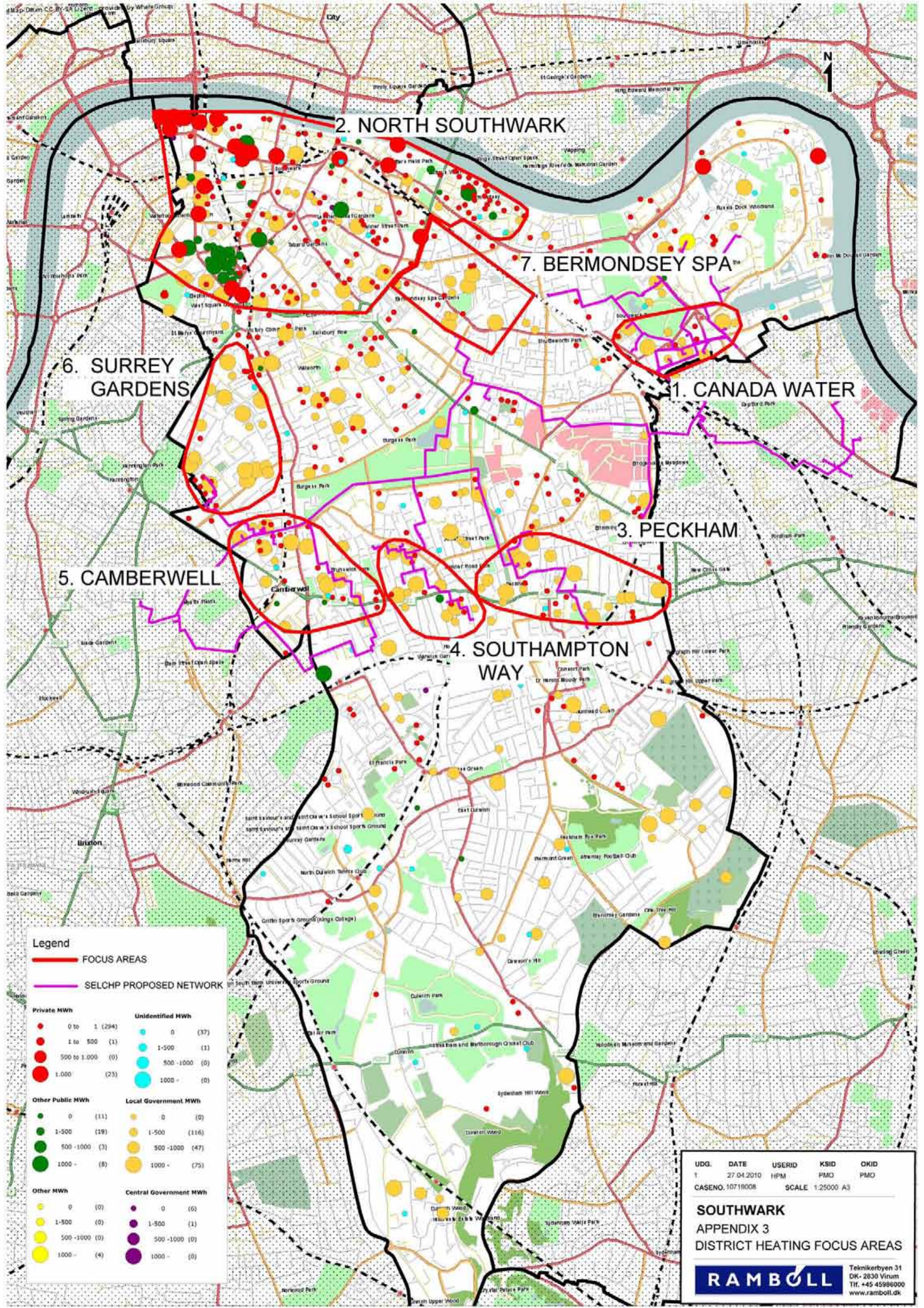
The project process can be listed as below, what is included within the different stages will depend on time and budget available but it is important to the success of the scheme that it is planned and investigated thoroughly.

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



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 |



2. NORTH SOUTHWARK

7. BERMONDSEY SPA

6. SURREY GARDENS

1. CANADA WATER

5. CAMBERWELL

3. PECKHAM

4. SOUTHAMPTON WAY

Legend

- FOCUS AREAS
- SELCHP PROPOSED NETWORK

| Private MWh | | Unidentified MWh | |
|------------------|--------------|------------------------|---------------|
| 0 to 1 (294) | 0 (37) | 1 to 500 (1) | 1-500 (1) |
| 500 to 1,000 (0) | 500-1000 (0) | 1,000 (23) | 1000- (0) |
| Other Public MWh | | Local Government MWh | |
| 0 (11) | 0 (0) | 1-500 (116) | 500-1000 (47) |
| 1-500 (19) | 500-1000 (3) | 1000- (75) | |
| Other MWh | | Central Government MWh | |
| 0 (0) | 0 (0) | 1-500 (1) | 500-1000 (0) |
| 1-500 (0) | 500-1000 (0) | 1000- (4) | 1000- (0) |

| UDG. | DATE | USERID | KSID | OKID |
|------------------|------------|------------------|------|------|
| 1 | 27.04.2010 | HPM | PMO | PMO |
| CASENO. 1071R008 | | SCALE 1:25000 A3 | | |

SOUTHWARK
 APPENDIX 3
 DISTRICT HEATING FOCUS AREAS



2. NORTH SOUTHWARK

1. BERMONDSEY

3. CAMBERWELL

4. CENTRAL SOUTHWARK

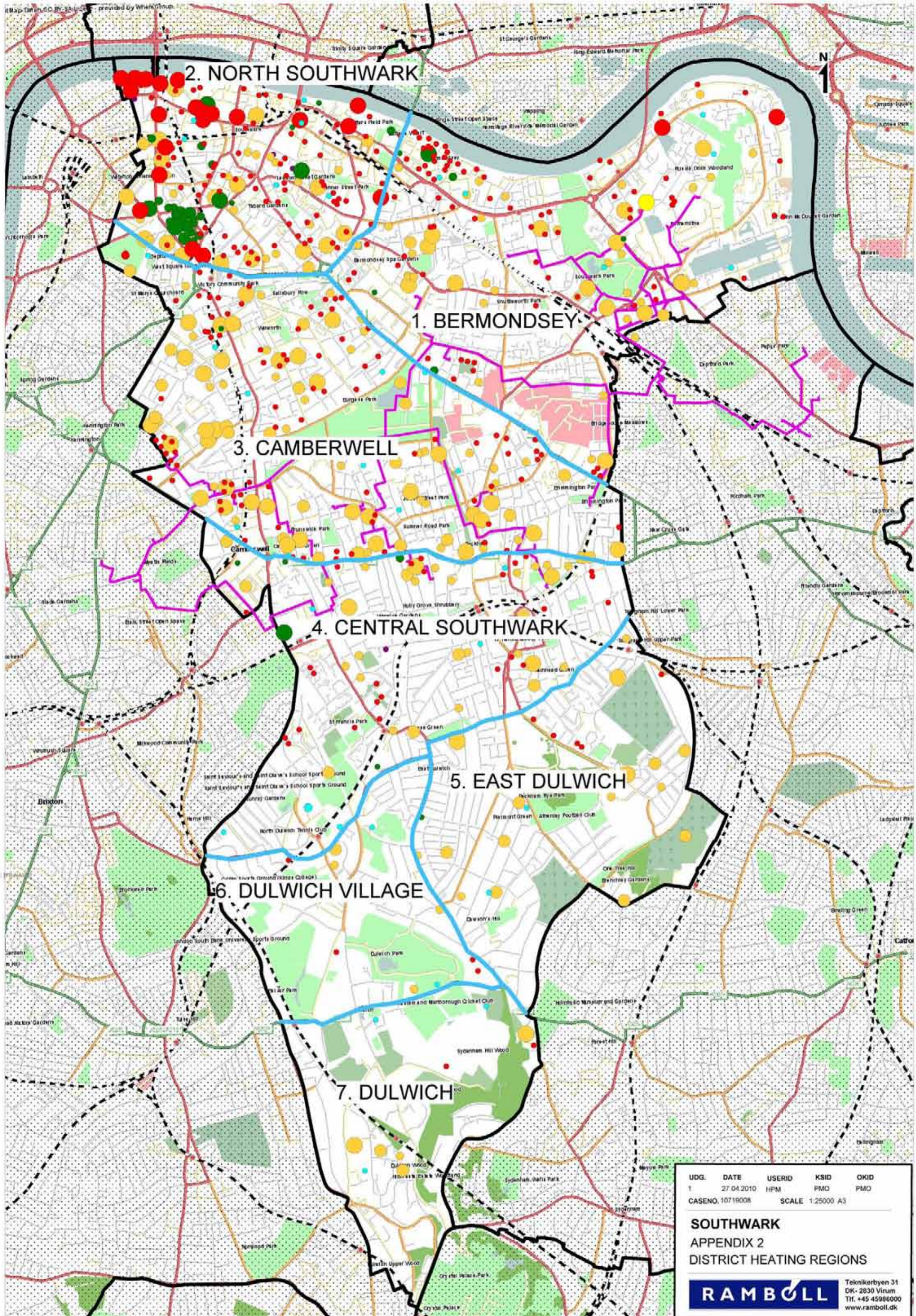
5. EAST DULWICH

6. DULWICH VILLAGE

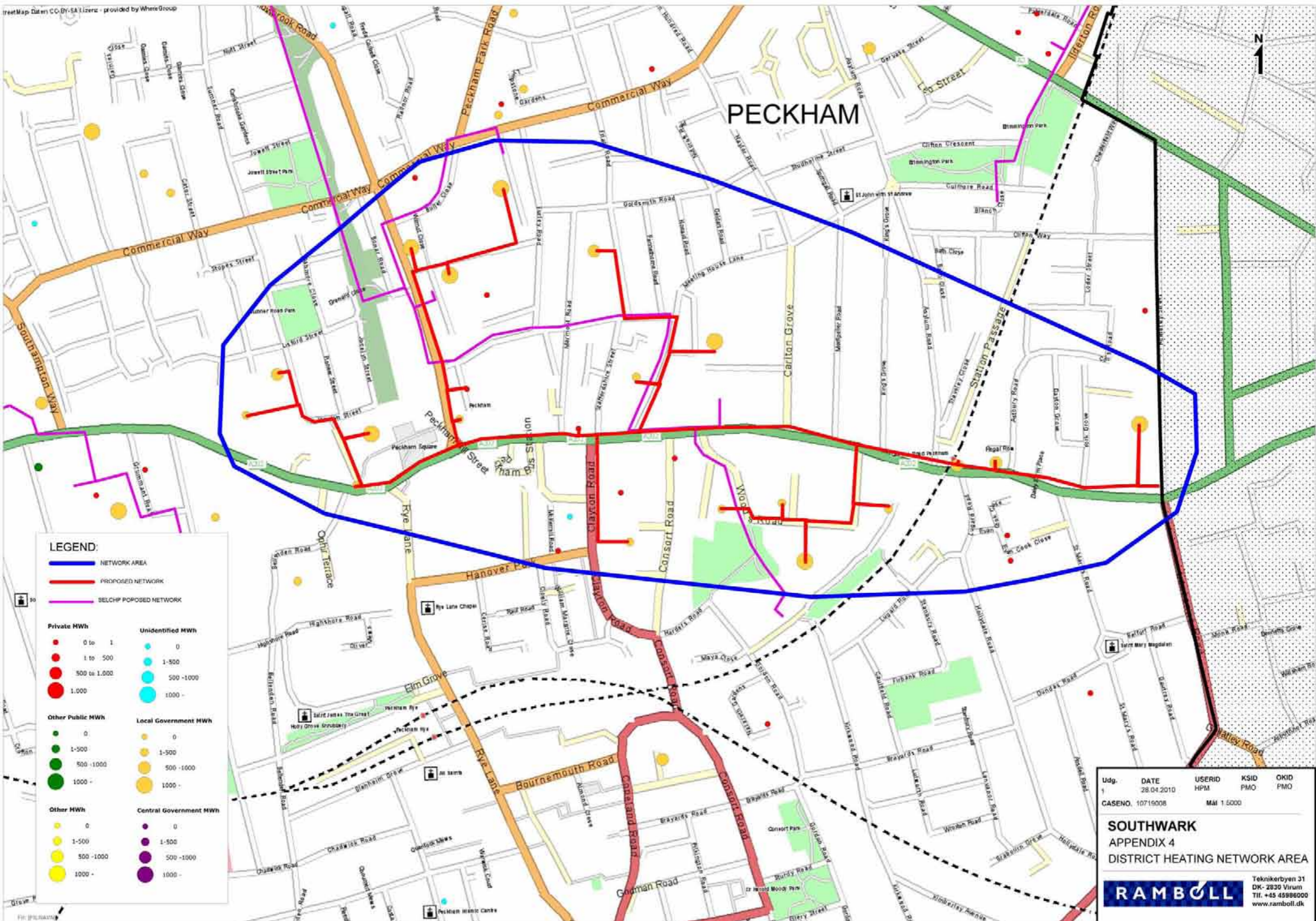
7. DULWICH

| UDG. | DATE | USERID | KSID | OKID |
|------------------|------------|------------------|------|------|
| 1 | 27.04.2010 | HPM | PMO | PMO |
| CASENO. 10719008 | | SCALE 1:25000 A3 | | |

SOUTHWARK
APPENDIX 2
DISTRICT HEATING REGIONS



PECKHAM



LEGEND:

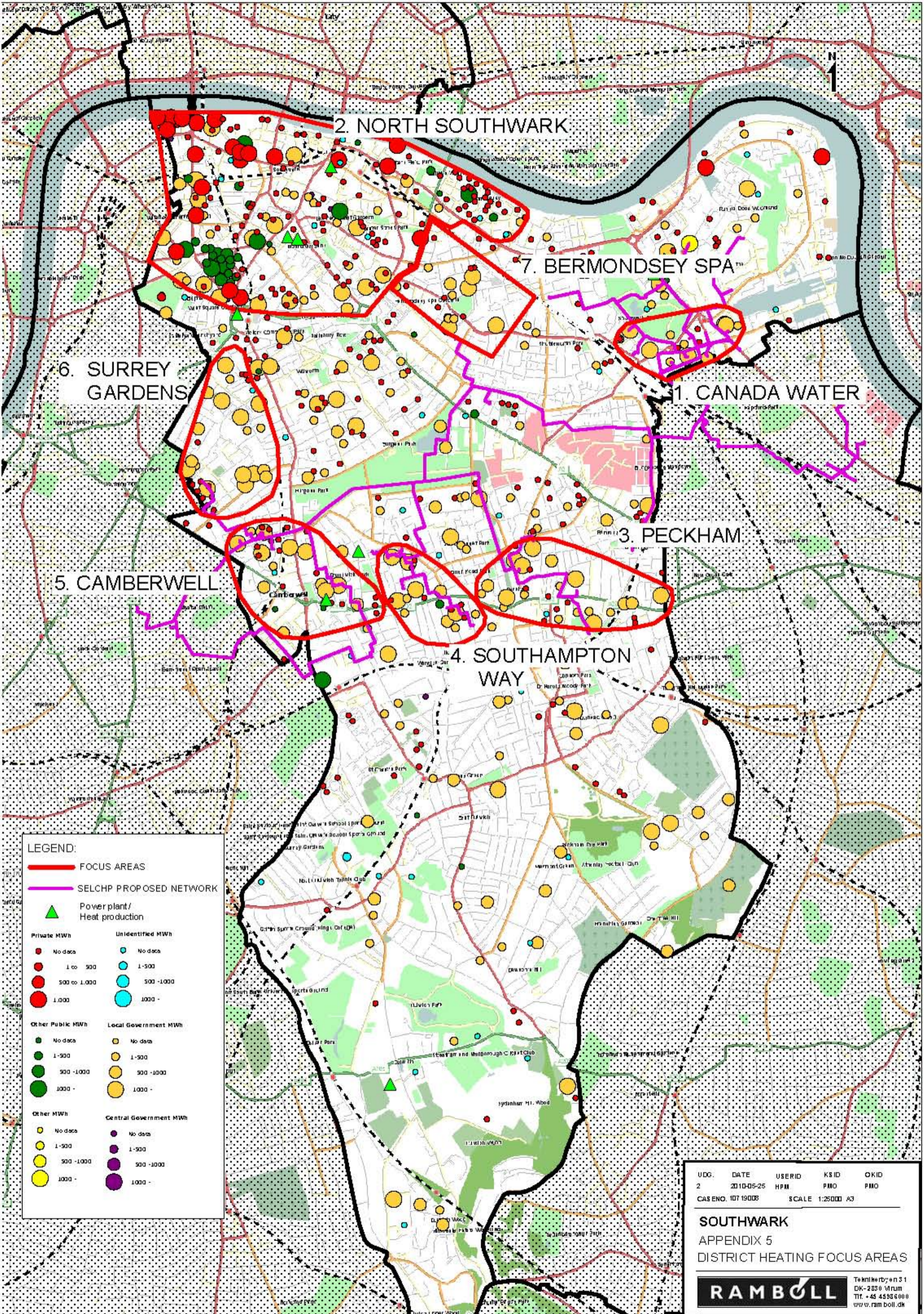
- NETWORK AREA
- PROPOSED NETWORK
- SELCHIP PROPOSED NETWORK

| | |
|-------------------------|-------------------------------|
| Private MWh | Unidentified MWh |
| 0 to 1 | 0 |
| 1 to 500 | 1-500 |
| 500 to 1.000 | 500 -1000 |
| 1.000 | 1000 - |
| Other Public MWh | Local Government MWh |
| 0 | 0 |
| 1-500 | 1-500 |
| 500 -1000 | 500 -1000 |
| 1000 - | 1000 - |
| Other MWh | Central Government MWh |
| 0 | 0 |
| 1-500 | 1-500 |
| 500 -1000 | 500 -1000 |
| 1000 - | 1000 - |

| | | | | |
|------------------|-----------------|------------|----------|----------|
| Udg. 1 | DATE 28.04.2010 | USERID HPM | KSID PMO | OKID PMO |
| CASENO. 10719008 | | MÅL 1:5000 | | |

SOUTHWARK
APPENDIX 4
DISTRICT HEATING NETWORK AREA

Teknikerbyen 31
DK- 2830 Virum
Tlf. +45 45986000
www.ramboll.dk



2. NORTH SOUTHWARK

7. BERMONDSEY SPA

6. SURREY GARDENS

1. CANADA WATER

3. PECKHAM

5. CAMBERWELL

4. SOUTHAMPTON WAY

LEGEND:

- FOCUS AREAS
- SELCHP PROPOSED NETWORK
- ▲ Power plant/
Heat production

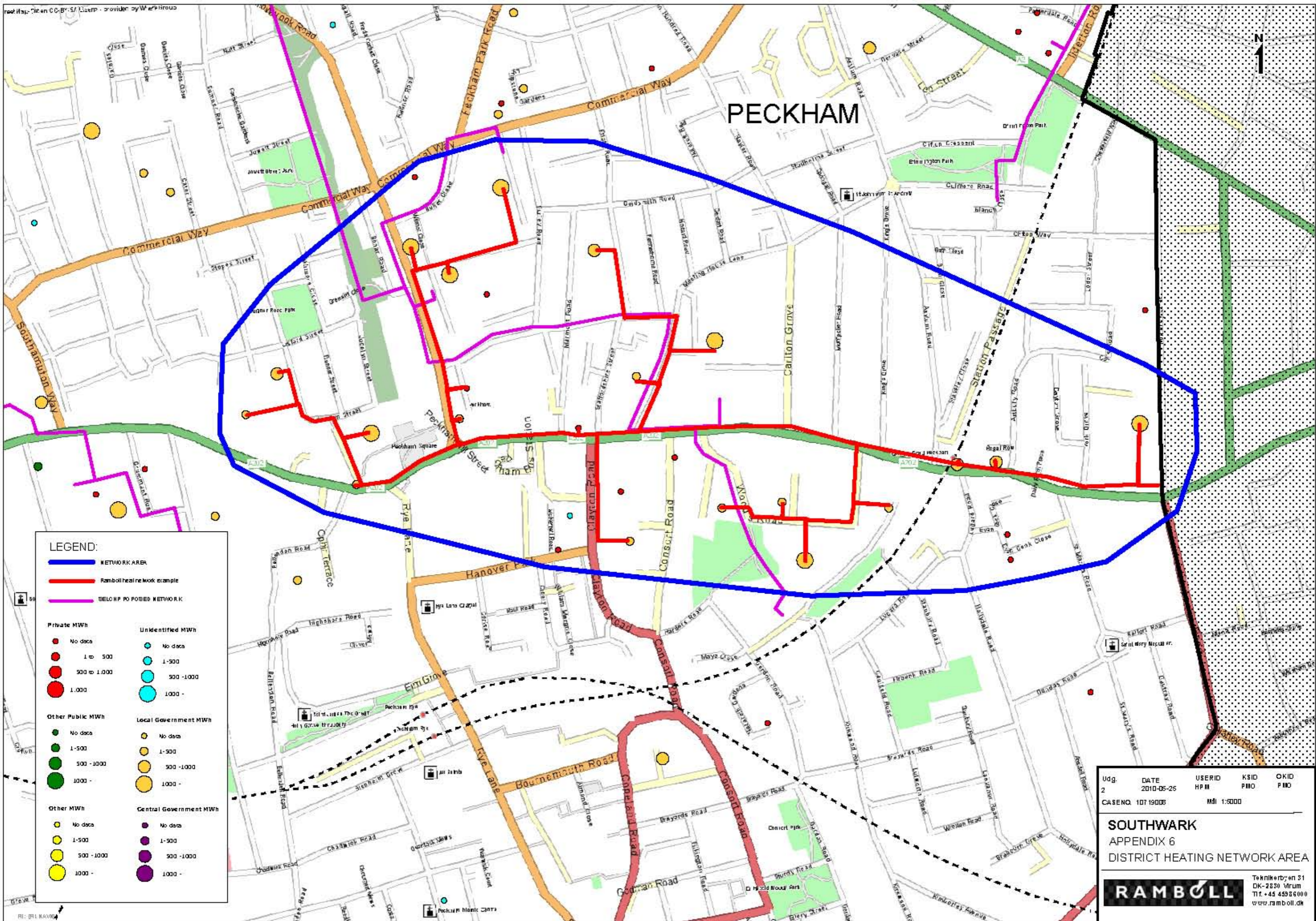
| | |
|--|--|
| Private MWh | Unidentified MWh |
| ● No data | ● No data |
| ● 1 to 500 | ● 1-500 |
| ● 500 to 1,000 | ● 500 -1,000 |
| ● 1,000 | ● 1,000 - |
| Other Public MWh | Local Government MWh |
| ● No data | ● No data |
| ● 1-500 | ● 1-500 |
| ● 500 -1,000 | ● 500 -1,000 |
| ● 1,000 - | ● 1,000 - |
| Other MWh | Central Government MWh |
| ● No data | ● No data |
| ● 1-500 | ● 1-500 |
| ● 500 -1,000 | ● 500 -1,000 |
| ● 1,000 - | ● 1,000 - |

| | | | | |
|--------------------|------------|------------------|-------|------|
| UDG. | DATE | USERID | KS ID | OKID |
| 2 | 2010-05-25 | HPM | PMO | PMO |
| CAS ENO. 107 19008 | | SCALE 1:25000 A3 | | |

SOUTHWARK
APPENDIX 5
DISTRICT HEATING FOCUS AREAS



PECKHAM



LEGEND:

- NETWORK AREA
- Ramboll heat network example
- SELCHP PROPOSED NETWORK

| | |
|---|---|
| <p>Private MWh</p> <ul style="list-style-type: none"> No data 1 to 500 500 to 1,000 1,000 | <p>Undecided MWh</p> <ul style="list-style-type: none"> No data 1-500 500-1,000 1,000 - |
| <p>Other Public MWh</p> <ul style="list-style-type: none"> No data 1-500 500-1,000 1,000 - | <p>Local Government MWh</p> <ul style="list-style-type: none"> No data 1-500 500-1,000 1,000 - |
| <p>Other MWh</p> <ul style="list-style-type: none"> No data 1-500 500-1,000 1,000 - | <p>Central Government MWh</p> <ul style="list-style-type: none"> No data 1-500 500-1,000 1,000 - |

| | | | | |
|-------------------|-----------------|-------------|----------|----------|
| Udg. 2 | DATE 2010-05-25 | USERID HP M | KSID PMO | OKID PMO |
| CASENO. 107 19008 | | Mbl 1:5000 | | |

SOUTHWARK
APPENDIX 6
DISTRICT HEATING NETWORK AREA



Teknikerbyen 31
DK-2830 Virum
Tlf. +45 45966000
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.

| GENERAL INFORMATION | | FINANCIAL DATA | | OPERATIONAL DATA | | ANALYTICAL DATA | |
|---------------------|-------------|----------------|----------|------------------|--------|-----------------|-------|
| NO. | DESCRIPTION | AMOUNT | CURRENCY | UNIT | PERIOD | INDEX | TREND |
| 1 | ... | ... | ... | ... | ... | ... | ... |
| 2 | ... | ... | ... | ... | ... | ... | ... |
| 3 | ... | ... | ... | ... | ... | ... | ... |
| 4 | ... | ... | ... | ... | ... | ... | ... |
| 5 | ... | ... | ... | ... | ... | ... | ... |
| 6 | ... | ... | ... | ... | ... | ... | ... |
| 7 | ... | ... | ... | ... | ... | ... | ... |
| 8 | ... | ... | ... | ... | ... | ... | ... |
| 9 | ... | ... | ... | ... | ... | ... | ... |
| 10 | ... | ... | ... | ... | ... | ... | ... |
| 11 | ... | ... | ... | ... | ... | ... | ... |
| 12 | ... | ... | ... | ... | ... | ... | ... |
| 13 | ... | ... | ... | ... | ... | ... | ... |
| 14 | ... | ... | ... | ... | ... | ... | ... |
| 15 | ... | ... | ... | ... | ... | ... | ... |
| 16 | ... | ... | ... | ... | ... | ... | ... |
| 17 | ... | ... | ... | ... | ... | ... | ... |
| 18 | ... | ... | ... | ... | ... | ... | ... |
| 19 | ... | ... | ... | ... | ... | ... | ... |
| 20 | ... | ... | ... | ... | ... | ... | ... |
| 21 | ... | ... | ... | ... | ... | ... | ... |
| 22 | ... | ... | ... | ... | ... | ... | ... |
| 23 | ... | ... | ... | ... | ... | ... | ... |
| 24 | ... | ... | ... | ... | ... | ... | ... |
| 25 | ... | ... | ... | ... | ... | ... | ... |
| 26 | ... | ... | ... | ... | ... | ... | ... |
| 27 | ... | ... | ... | ... | ... | ... | ... |
| 28 | ... | ... | ... | ... | ... | ... | ... |
| 29 | ... | ... | ... | ... | ... | ... | ... |
| 30 | ... | ... | ... | ... | ... | ... | ... |
| 31 | ... | ... | ... | ... | ... | ... | ... |
| 32 | ... | ... | ... | ... | ... | ... | ... |
| 33 | ... | ... | ... | ... | ... | ... | ... |
| 34 | ... | ... | ... | ... | ... | ... | ... |
| 35 | ... | ... | ... | ... | ... | ... | ... |
| 36 | ... | ... | ... | ... | ... | ... | ... |
| 37 | ... | ... | ... | ... | ... | ... | ... |
| 38 | ... | ... | ... | ... | ... | ... | ... |
| 39 | ... | ... | ... | ... | ... | ... | ... |
| 40 | ... | ... | ... | ... | ... | ... | ... |
| 41 | ... | ... | ... | ... | ... | ... | ... |
| 42 | ... | ... | ... | ... | ... | ... | ... |
| 43 | ... | ... | ... | ... | ... | ... | ... |
| 44 | ... | ... | ... | ... | ... | ... | ... |
| 45 | ... | ... | ... | ... | ... | ... | ... |
| 46 | ... | ... | ... | ... | ... | ... | ... |
| 47 | ... | ... | ... | ... | ... | ... | ... |
| 48 | ... | ... | ... | ... | ... | ... | ... |
| 49 | ... | ... | ... | ... | ... | ... | ... |
| 50 | ... | ... | ... | ... | ... | ... | ... |
| 51 | ... | ... | ... | ... | ... | ... | ... |
| 52 | ... | ... | ... | ... | ... | ... | ... |
| 53 | ... | ... | ... | ... | ... | ... | ... |
| 54 | ... | ... | ... | ... | ... | ... | ... |
| 55 | ... | ... | ... | ... | ... | ... | ... |
| 56 | ... | ... | ... | ... | ... | ... | ... |
| 57 | ... | ... | ... | ... | ... | ... | ... |
| 58 | ... | ... | ... | ... | ... | ... | ... |
| 59 | ... | ... | ... | ... | ... | ... | ... |
| 60 | ... | ... | ... | ... | ... | ... | ... |
| 61 | ... | ... | ... | ... | ... | ... | ... |
| 62 | ... | ... | ... | ... | ... | ... | ... |
| 63 | ... | ... | ... | ... | ... | ... | ... |
| 64 | ... | ... | ... | ... | ... | ... | ... |
| 65 | ... | ... | ... | ... | ... | ... | ... |
| 66 | ... | ... | ... | ... | ... | ... | ... |
| 67 | ... | ... | ... | ... | ... | ... | ... |
| 68 | ... | ... | ... | ... | ... | ... | ... |
| 69 | ... | ... | ... | ... | ... | ... | ... |
| 70 | ... | ... | ... | ... | ... | ... | ... |
| 71 | ... | ... | ... | ... | ... | ... | ... |
| 72 | ... | ... | ... | ... | ... | ... | ... |
| 73 | ... | ... | ... | ... | ... | ... | ... |
| 74 | ... | ... | ... | ... | ... | ... | ... |
| 75 | ... | ... | ... | ... | ... | ... | ... |
| 76 | ... | ... | ... | ... | ... | ... | ... |
| 77 | ... | ... | ... | ... | ... | ... | ... |
| 78 | ... | ... | ... | ... | ... | ... | ... |
| 79 | ... | ... | ... | ... | ... | ... | ... |
| 80 | ... | ... | ... | ... | ... | ... | ... |
| 81 | ... | ... | ... | ... | ... | ... | ... |
| 82 | ... | ... | ... | ... | ... | ... | ... |
| 83 | ... | ... | ... | ... | ... | ... | ... |
| 84 | ... | ... | ... | ... | ... | ... | ... |
| 85 | ... | ... | ... | ... | ... | ... | ... |
| 86 | ... | ... | ... | ... | ... | ... | ... |
| 87 | ... | ... | ... | ... | ... | ... | ... |
| 88 | ... | ... | ... | ... | ... | ... | ... |
| 89 | ... | ... | ... | ... | ... | ... | ... |
| 90 | ... | ... | ... | ... | ... | ... | ... |
| 91 | ... | ... | ... | ... | ... | ... | ... |
| 92 | ... | ... | ... | ... | ... | ... | ... |
| 93 | ... | ... | ... | ... | ... | ... | ... |
| 94 | ... | ... | ... | ... | ... | ... | ... |
| 95 | ... | ... | ... | ... | ... | ... | ... |
| 96 | ... | ... | ... | ... | ... | ... | ... |
| 97 | ... | ... | ... | ... | ... | ... | ... |
| 98 | ... | ... | ... | ... | ... | ... | ... |
| 99 | ... | ... | ... | ... | ... | ... | ... |
| 100 | ... | ... | ... | ... | ... | ... | ... |

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 (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 | |
|--------------|-----|-----------|------|---------|----------|-----------|-----------------|----------|-------------|---|--|--|---|---------------------------|----------------------|-------------------------|------------|-----------------|-------------|-------------------------|----------|
| | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | 0 | 0 | 0.00 | 0.00 | 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 (GWh/year) | Heat generation from all assets including CHP (MWh/year) | Installed thermal capacity from all assets including CHP (MWt) | 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 |
|--------------|---------|-----------|--|----------------------------------|-----------------------|------------------------|-----------|------------------------|--------------|-----------------------|---|--|--|---|---------------------------|----------------------|-------------------------|------------|-----------------|--|-------------------------|
| 535,527 | 179,548 | | PROPOSED Canada Water | Canada Water AAP | SELCHP, Landmann Way | SE14 5RS | Other | Energy from Waste | Mixed source | | | | | | | | | | | Canada Water AAP Energy Study (| Yes |
| 535,099 | 178829 | | PROPOSED SELCHP 2005 ne | Southwark Parl | SELCHP, Landmann Way | SE14 5RS | Other | Energy from Waste | Mixed source | | | | | | | | | | | SELCHP Options Appraisal report (P | Yes |
| 533,482 | 176960 | | PROPOSED SELCHP 2005 ne | Camberwell Green, Peckham, Old K | SELCHP, Landmann Way | SE14 5RS | Other | Energy from Waste | Mixed source | | | | | | | | | | | SELCHP Options Appraisal report (P | Yes |
| 531,710 | 180406 | | PROPOSED SBEG 2009 network - Blackfriars cluster | | Hopton Street | SE1 9UF | Private | Boilers and CHP | Other | | | | | | | | | | | South Bank Decentralised Energy Feasibilit | Yes |
| 531,885 | 179397 | | PROPOSED SBEG 2009 network - LSBU cluster | | Keyworth Street | SE1 0AA | Private | Boilers and CHP | Other | | | | | | | | | | | South Bank Decentralised Energy Feasibilit | Yes |
| TOTAL | | | | | | | | | | 0.00 | 0 | 0 | 0.00 | 0.00 | 0 | - | - | - | - | - | - |

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

General Guidance

OXS & OYS

The X & Y fields must be completed for all Heat Loads and Heat Supply Plants.

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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 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 |
|--------------|----------|-----------|-----------------------------------|---------------------------|----------|--------------------------------------|-----------------|------------------|-------------|---|--|--|---|---------------------------|----------------------|-------------------------|------------|-----------------|-------------|-------------------------|-------------|-----------|-------------------------|-------|
| 535330 | 179425 | 9 | CANADA HOUSING ESTATE | - | | | | DH | | 0 | 0 | 0.15 | 0 | 0 | | | | | | No | | Southwark | | |
| 532945 | 177148 | 10 | OWGAN CLOSE | - | | | | DH | | 0 | 0 | 0.11 | 0 | 0 | | | | | | No | | Southwark | | |
| 533191 | 172993 | 38 | DULWICH COLLEGE | - | | | | HIGHER EDUCATION | | 0 | 0 | 0.04 | 0 | 0 | | | | | | No | | Southwark | | |
| 532470 | 179583 | 103 | ELEPHANT & CASTLE LEISURE CENTRE | - | | | | LEISURE | | 0 | 0 | 0.05 | 0 | 0 | | | | | | No | | Southwark | | |
| 535248 | 179313 | 108 | SEVEN ISLANDS LEISURE CENTRE | - | | | | LEISURE | | 0 | 0 | 0.04 | 0 | 0 | | | | | | No | | Southwark | | |
| 532693 | 176772 | 117 | GAMBERWELL LEISURE CENTRE | - | | | | LEISURE | | 0 | 0 | 0.04 | 0 | 0 | | | | | | No | | Southwark | | |
| 532393 | 179598 | 123 | HMSO | - | | | | OFFICES | | 0 | 0 | 0.10 | 0 | 0 | | | | | | No | | Southwark | | |
| 532470 | 179583 | 124 | ROYAL MAIL SOUTH EAST DISTRICT SC | - | | | | OFFICES | | 0 | 0 | 0.10 | 0 | 0 | | | | | | No | | Southwark | | |
| 531997 | 178996 | 134 | ELEPHANT & CASTLE SHOPPING CENTRE | - | | | | RETAIL | | 0 | 0 | 0.11 | 0 | 0 | | | | | | No | | Southwark | | |
| 532729.6 | 180143.1 | 12 | EA-ETCO2-1069 | al St Thomas' Street Lond | SE1 9RT | Guys & St Thomas' Hospital NHS Trust | | Services | | 0 | 0 | 0.00 | 0 | 14,103 | | | | | | No | | Southwark | | |
| TOTAL | | | | | | | | | | 0 | 0 | 0.73 | 1.11 | 14,103 | - | - | - | - | - | - | - | | | |

| |
|----------------------------|
| 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 |
|--------------|-----|-----------|------|--------------|-----------------------|------------------------|-----------|------------------------|-------------|-----------------------|--|--|--|---|---------------------------|----------------------|-------------------------|------------|-----------------|-------------|-------------------------|-------------|---------|-------------------------|-------|
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | 0.00 | 0 | 0 | 0.00 | 0.00 | 0 | - | - | - | - | - | - | - | - | | |

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

Building Owner/Organisation
Address 1
Address 2
Postcode

HEAT MAPPING STUDY FOR THE LONDON BOROUGH OF SOUTHWARK

Dear Sir/Madam,

Date 2010/03/12

Ramboll has been commissioned by the London Borough of Southwark to carry a heat mapping study as part of the LDA's Decentralised energy masterplanning programme (DEMaP).

Ramboll
Twenty Station Road
Cambridge
CB1 2JD

As an organisation, Ramboll has a lot of experience in developing heat maps and feasibility studies for Decentralised Energy schemes, both in the UK and abroad. This project will result in the formation of a heat map for Southwark that will feed into the LDA's London heat map, which is available here:
<http://www.londonheatmap.org.uk/Mapping/>

T +44 1223 369220
F +44 1223 356215
www.ramboll.com

Ramboll will be mapping existing and proposed decentralised energy networks (communal gas heating, communal biomass heating, CHP units etc), as well as collating energy consumption data from key developments to determine where there are suitable heat loads to extend existing or install new networks.

As a key heat energy consumer in the Borough, we are contacting you to ask if you would be willing to share your latest annual heat consumption data to improve the accuracy and coverage of the heat map.

This heat consumption data will assist Ramboll in identifying a potential decentralised energy alternative for you, which is anticipated to save you money on your fuel bills and ultimately lower your building carbon footprint and contribute to the target emission reductions of the Borough of Southwark.

We understand there may be concerns about the confidentiality of data you provide, as there is the option of the heat consumption from individual buildings being publicly available LHM website.. However, the information you provide can be kept confidential, i.e. used by Ramboll for analysis purposes only and not for public display on the London heat map website: please state if you would like this to be the case for any information you provide us with. All

data provided will not be made available to any third party or will be reproduced in the whole or any part of the data supplied. Information received will not be made reference to, in any publication without your written approval of the form and context in which such disclosure may be made.

We are operating under tight timescales, with the aim of obtaining, processing and compiling data from heat customers in the next two weeks. Whilst we realise this will be difficult to meet, it would still be useful for the project to record an intention from customers to provide this data in the future, should it be unfeasible by the above deadline.

We will shortly be in touch to receive any feedback you have on our request and answer any queries you may have.

Yours sincerely,

Katie Symons

Senior Engineer
Cambridge

tel 01223 369220

Katie.symons@ramboll.com

Area 1 Bermondsey

| Name | Address | Ownership | New dev. | Typology | Heating supply | Fuel source | Fuel consumption from all assets including CHP (MWh/year) | Number of Dwellings | Data source |
|---|--|------------------|----------|---------------------------------|--------------------|-------------|---|---------------------|-------------|
| Canada Water AAP site | Surrey Quays Road | Other | No | Multi-address buildings | | | 130,573 | | Estimated |
| NEW PLACE BOILER HOUSE | NEW PLACE BOILER HOUSE, NEW PLACE AREA, CLEMENTS ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 37,536 | | Actual |
| Canada Water AAP site | Surrey Quays Road | Other | Yes | Multi-address buildings | | | 11,290 | | Estimated |
| SURREY DOCKS | SURREY DOCKS, HOUSING AREA 1 (Tawny Way), ROTHERHITHE | Local government | No | Local government estate | Central Boilers | Natural gas | 9,539 | | Actual |
| TISSINGTON COURT | TISSINGTON COURT, SILVERLOCK ESTATE, WARNDEN STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 8,988 | | Actual |
| Canada Water AAP site | Surrey Quays Road | Other | Yes | Multi-address buildings | | | 8,581 | | Estimated |
| YOUTH HOSTELS ASSOCIATION ENGLAND & WALES LTD | ROTHERHITHE YHA AND CONFERENCE CENTRE, ISLAND YARD SALTER ROAD | Private | No | Hotels (> 99 units or 4,999 m2) | | | 8,538 | | Estimated |
| Canada Water AAP site | Surrey Quays Road | Other | Yes | Multi-address buildings | | | 6,546 | | Estimated |
| SETCHELL DEVELOPMENT | SETCHELL DEVELOPMENT, ALSCOT WAY | Local government | No | Local government estate | Central Boilers | Natural gas | 6,248 | | Actual |
| MAYDEW HOUSE | MAYDEW HOUSE, ABBEYFIELD ESTATE, ABBEYFIELD ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 5,013 | | Actual |
| PEDWORTH DEVELOPMENT | PEDWORTH DEVELOPMENT, RAYMOUTH ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 4,443 | | Actual |
| OSPREY HOUSE | OSPREY HOUSE, TAWNY WAY, LOWER ROAD, CAMBERWELL | Local government | No | Local government estate | Central Boilers | Natural gas | 3,612 | | Actual |
| COLUMBIA/REGINA ESTATE | COLUMBIA/REGINA ESTATE, CANADA ESTATE, | Local government | No | Local government estate | Central Boilers | Natural gas | 3,337 | | Actual |
| Hilton London Docklands | 265 Rotherhithe Street London | Private | No | Hotels (> 99 units or 4,999 m2) | Central Boilers | Natural gas | 2,859 | 365 | Actual |
| TUSTIN ESTATE | TUSTIN ESTATE, IDERTON ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 2,553 | | Actual |
| Harris Academy Bermondsey | 55 Southwark Park Road | Local government | No | Local government estate | Individual boilers | Natural gas | 1,974 | | Actual |
| Bacon City Technology College | Timber Pond Road | Local government | No | Local government estate | Individual boilers | Natural gas | 1,762 | | Actual |
| Fusion - Seven Islands | 100 Lower Road | Local government | No | Sport & Leisure facilities | Individual boilers | Natural gas | 1,258 | | Actual |
| Municipal Offices - Spa Road | 19 Spa Road | Local government | No | Local government estate | Individual boilers | Natural gas | 1,206 | | Actual |
| LSE Butlers Wharf Residences | 11 Gainsford Street | Other public | No | Education facilities | Individual boilers | Natural gas | 1,118 | | Actual |
| Woodmill Building | Neckinger | Local government | No | Local government estate | Individual boilers | Natural gas | 1,085 | | Actual |
| Mabel Goldwin House | 49 Grange Walk | Local government | No | Local government estate | Individual boilers | Natural gas | 791 | | Actual |
| SILWOOD 1 ESTATE | SILWOOD 1 ESTATE, 1-45 ST. HELENA ROAD, BERMONDSEY, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 559 | | Actual |
| Galleywall Primary School | | Local government | No | Education facilities | lthw - gas fired | Natural gas | 452 | | LDA |
| Redriff Primary School | Salter Road | Local government | No | Local government estate | Individual boilers | Natural gas | 447 | | Actual |
| Eveline Lowe School | Marlborough Grove | Local government | No | Local government estate | Individual boilers | Natural gas | 440 | | Actual |
| MILLENDER WALK | MILLENDER WALK, SILVERLOCK ESTATE, SOUTHWARK | Local government | No | Local government estate | Central Boilers | Natural gas | 408 | | Actual |
| Surrey Docks Adventure Playground | Trident Street | Local government | No | Sport & Leisure facilities | Individual boilers | Natural gas | 401 | | Actual |
| Peter Hills Primary School | 2 Beatson Walk | Local government | No | Local government estate | Individual boilers | Natural gas | 373 | | Actual |
| ARICA HOUSE | ARICA HOUSE, SLIPPERS PLACE | Local government | No | Local government estate | Central Boilers | Natural gas | 361 | | Actual |
| St Josephs RC Infant & Junior School | | Local government | No | Education facilities | lthw - gas fired | Natural gas | 360 | | LDA |
| Tower Bridge Primary School | Fair Street | Local government | No | Local government estate | Individual boilers | Natural gas | 346 | | Actual |
| Riverside Primary School | Janeway Street | Local government | No | Local government estate | Individual boilers | Natural gas | 340 | | Actual |
| Rotherhithe Primary School JMI & NC | Rotherhithe New Road | Local government | No | Local government estate | Individual boilers | Natural gas | 339 | | Actual |

Area 1 Bermondsey, 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 |
|---------------------------------------|--|------------------|----------|----------------------------|--------------------|-------------|---|---------------------|-------------|
| St. Joseph's RC Primary School - Gomm | Gomm Road | Local government | No | Local government estate | Individual boilers | Natural gas | 338 | | Actual |
| Boutcher CE Primary School | 93 Grange Road | Local government | No | Local government estate | Individual boilers | Natural gas | 333 | | Actual |
| DOCKHEAD FIRE STATION | 8 WOLSELEY STREET | Other public | No | Fire stations | Individual boilers | Natural gas | 312 | | LDA |
| Albion Primary School | Albion Street | Local government | No | Local government estate | Individual boilers | Natural gas | 287 | | Actual |
| Alfred Salter Primary School | Quebec Way | Local government | No | Local government estate | Individual boilers | Natural gas | 278 | | Actual |
| Alma Primary School | Alexis Street | Local government | No | Local government estate | Individual boilers | Natural gas | 277 | | Actual |
| St. John's Catholic Primary School | St Elmo's Road | Local government | No | Local government estate | Individual boilers | Natural gas | 256 | | Actual |
| Pilgrims Way School | Tustin Estate | Local government | No | Local government estate | Individual boilers | Natural gas | 248 | | Actual |
| Spa School | Monnow Road | Local government | No | Local government estate | Individual boilers | Natural gas | 239 | | Actual |
| Grange Primary School | Webb Street | Local government | No | Local government estate | Individual boilers | Natural gas | 239 | | Actual |
| St. James' CE Primary School | Old Jamaica Road | Local government | No | Local government estate | Individual boilers | Natural gas | 231 | | Actual |
| St. Michaels RC School | John Felton Road | Local government | No | Local government estate | Individual boilers | Natural gas | 209 | | Actual |
| OLD KENT ROAD FIRE STATION | 405 OLD KENT ROAD | Other public | No | Fire stations | Individual boilers | Natural gas | 205 | | LDA |
| Cherry Garden School | Macks Road | Local government | No | Local government estate | Individual boilers | Natural gas | 186 | | Actual |
| Fusion - Southwark Park | Hawkstone Road | Local government | No | Sport & Leisure facilities | Individual boilers | Natural gas | 178 | | Actual |
| Kintore Way Nursery School | Grange Road | Local government | No | Local government estate | Individual boilers | Natural gas | 158 | | Actual |
| St Josephs RC Junior & Infants School | | Local government | No | Education facilities | lthw - gas fired | Natural gas | 147 | | LDA |
| Abbey Street Social Services | | Local government | No | Local government estate | lthw - gas fired | Natural gas | 129 | | LDA |
| Ilderton Primary School JMI & NC | Varcoe Road | Local government | No | Local government estate | Individual boilers | Natural gas | 92 | | Actual |
| Ellen Brown Bermondsey Play Centre | Spa Park, Grange Road | Local government | No | Local government estate | Individual boilers | Natural gas | 54 | | Actual |
| 1-3 SPA ROAD | 1-3 SPA ROAD | Local government | No | Local government estate | | Oil | 43 | | LDA |
| Pedworth Boiler House | - | Local government | No | Multi-address buildings | | Oil | 1 | | LDA |
| Pedworth Boiler House | - | Local government | No | Multi-address buildings | | Oil | 1 | | LDA |
| SCOTTS SUFFERANCE WHARF | FLAT 1 5 MILL STREET LONDON | Private | No | Multi-address buildings | | | | 93 | LDA |
| | 24 MILL STREET NEW CONCORDIA WHARF LONDON | Private | No | Multi-address buildings | | | | 66 | LDA |
| TOVY HOUSE | FLAT 1 AVONDALE SQUARE LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| PACIFIC WHARF | FLAT 015 165 ROTHERHITHE STREET LONDON | Private | No | Multi-address buildings | | | | 78 | LDA |
| VOGANS MILL WHARF | FLAT 5 17 MILL STREET LONDON | Private | No | Multi-address buildings | | | | 67 | LDA |
| GINGER APARTMENTS | FLAT 101 1 CAYENNE COURT LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| ASTLEY HOUSE | FLAT 37 ROWCROSS STREET LONDON | Private | No | Multi-address buildings | | | | 92 | LDA |
| ARTESIAN HOUSE | P C T OFFICES 94 ALSCOT ROAD LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| | 1 NECKINGER ESTATE LONDON | Private | No | Multi-address buildings | | | | 59 | LDA |
| GRASMERE POINT | FLAT 1 OLD KENT ROAD LONDON | Private | No | Multi-address buildings | | | | 72 | LDA |
| FLANNERY COURT | FLAT 41 KEETONS ROAD LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| CENTRE POINT | FLAT 1 AVONDALE SQUARE LONDON | Private | No | Multi-address buildings | | | | 74 | LDA |
| AXIS COURT | FLAT 1 2 EAST LANE LONDON | Private | No | Multi-address buildings | | | | 59 | LDA |
| GLOBE WHARF | FLAT 1 205 ROTHERHITHE STREET LONDON | Private | No | Multi-address buildings | | | | 138 | LDA |
| CINNAMON WHARF | FLAT 101 24 SHAD THAMES LONDON | Private | No | Multi-address buildings | | | | 66 | LDA |
| TEA TRADE WHARF | APARTMENT 1 26 SHAD THAMES LONDON | Private | No | Multi-address buildings | | | | 75 | LDA |
| ARICA HOUSE | FLAT 1 SLIPPERS PLACE LONDON | Private | No | Multi-address buildings | | | | 88 | LDA |
| | 1 PROVIDENCE SQUARE LONDON | Private | No | Multi-address buildings | | | | 53 | LDA |
| ALASKA BUILDINGS | FLAT G.01 BUILDING 600 61 GRANGE ROAD LONDON | Private | No | Multi-address buildings | | | | 53 | LDA |

Area 1 Bermondsey, 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 |
|--------------------------|---|--------------|----------|----------------------------|----------------|-------------|---|---------------------|-------------|
| BOSS HOUSE | FLAT 1 2 BOSS STREET LONDON | Private | No | Multi-address buildings | | | | 109 | LDA |
| | 1 PAGES WALK GUINNESS SQUARE LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| THE SCHOOL HOUSE | FLAT G-01 PAGES WALK LONDON | Private | No | Multi-address buildings | | | | 56 | LDA |
| THAMES TUNNEL MILLS | FLAT 1 113 ROTHERHITHE STREET LONDON | Private | No | Multi-address buildings | | | | 71 | LDA |
| CASBY HOUSE | FLAT 1 DICKENS ESTATE LONDON | Private | No | Multi-address buildings | | | | 83 | LDA |
| ANCHOR BREWHOUSE | FLAT 1 50 SHAD THAMES LONDON | Private | No | Multi-address buildings | | | | 63 | LDA |
| CARAWAY APARTMENTS | FLAT 109 2 CAYENNE COURT LONDON | Private | No | Multi-address buildings | | | | 90 | LDA |
| | 121 NECKINGER ESTATE LONDON | Private | No | Multi-address buildings | | | | 122 | LDA |
| SPENLOW HOUSE | FLAT 1 JAMAICA ROAD LONDON | Private | No | Multi-address buildings | | | | 57 | LDA |
| | 81 BUTLERS & COLONIAL WHARF LONDON | Private | No | Multi-address buildings | | | | 69 | LDA |
| BALTIC QUAY | FLAT 101 1 SWEDEN GATE LONDON | Private | No | Multi-address buildings | | | | 163 | LDA |
| MAWBEY HOUSE | FLAT 1 OLD KENT ROAD LONDON | Private | No | Multi-address buildings | | | | 75 | LDA |
| FLORIN COURT | FLAT 1 70 TANNER STREET LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| BRADLEY HOUSE | FLAT 1 RAYMOUTH ROAD LONDON | Private | No | Multi-address buildings | | | | 77 | LDA |
| EAGLE WHARF COURT | FLAT 1 LAFONE STREET LONDON | Private | No | Multi-address buildings | | | | 59 | LDA |
| ADDY HOUSE | FLAT 1 ROTHERHITHE NEW ROAD LONDON | Private | No | Multi-address buildings | | | | 96 | LDA |
| VANILLA & SESAME COURT | FLAT 1 CURLEW STREET LONDON | Private | No | Multi-address buildings | | | | 125 | LDA |
| AMBLESIDE POINT | FLAT 1 TUSTIN ESTATE LONDON | Private | No | Multi-address buildings | | | | 72 | LDA |
| COLUMBIA POINT | FLAT 1 CANADA ESTATE LONDON | Private | No | Multi-address buildings | | | | 80 | LDA |
| TREVITHICK HOUSE | FLAT 1 RENNIE ESTATE LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| PAVILLION HOUSE | FLAT 602 WATER GARDENS SQUARE LONDON | Private | No | Multi-address buildings | | | | 92 | LDA |
| THE CIRCLE | UNIT 19 QUEEN ELIZABETH STREET LONDON | Private | No | Multi-address buildings | | | | 154 | LDA |
| TAMARIND COURT | FLAT 1 18 GAINSFORD STREET LONDON | Private | No | Multi-address buildings | | | | 67 | LDA |
| GIVERYN HOUSE | FLAT 501 WATER GARDENS SQUARE LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| SPICE QUAY HEIGHTS | FLAT 409 32 SHAD THAMES LONDON | Private | No | Multi-address buildings | | | | 93 | LDA |
| WALKER HOUSE | FLAT 1 11 ODESSA STREET LONDON | Private | No | Multi-address buildings | | | | 61 | LDA |
| | 20 LAYARD SQUARE LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| WRAYBURN HOUSE | FLAT 1 LLEWELLYN STREET LONDON | Private | No | Multi-address buildings | | | | 72 | LDA |
| JOHN KENNEDY HOUSE | FLAT 1 ROTHERHITHE OLD ROAD LONDON | Private | No | Multi-address buildings | | | | 96 | LDA |
| REGINA POINT | FLAT 1 CANADA ESTATE LONDON | Private | No | Multi-address buildings | | | | 80 | LDA |
| AMISHA COURT | FLAT 16 161 GRANGE ROAD LONDON | Private | No | Multi-address buildings | | | | 62 | LDA |
| | 100 NEW PLACE SQUARE LONDON | Private | No | Multi-address buildings | | | | 91 | LDA |
| | FLAT 1 7 SHAD THAMES LONDON | Private | No | Multi-address buildings | | | | 59 | LDA |
| DOVECOTE HOUSE | FLAT 242 WATER GARDENS SQUARE LONDON | Private | No | Multi-address buildings | | | | 79 | LDA |
| LUPIN POINT | FLAT 1 ABBEY STREET LONDON | Private | No | Multi-address buildings | | | | 83 | LDA |
| | 17 LOCKWOOD SQUARE LONDON | Private | No | Multi-address buildings | | | | 125 | LDA |
| BUTLERS WHARF BUILDING | FLAT 204 36 SHAD THAMES LONDON | Private | No | Multi-address buildings | | | | 73 | LDA |
| ST. SAVIOURS WHARF | FLAT 1 25 MILL STREET LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| LANDMANN HOUSE | FLAT 1 RENNIE ESTATE LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| EAST POINT | FLAT 1 AVONDALE SQUARE LONDON | Private | No | Multi-address buildings | | | | 74 | LDA |
| | 48 PROVIDENCE SQUARE LONDON | Private | No | Multi-address buildings | | | | 73 | LDA |
| BRIDGE VIEW COURT | FLAT 1 19 GRANGE ROAD LONDON | Private | No | Multi-address buildings | | | | 62 | LDA |
| BASQUE COURT | FLAT 15 GARTER WAY LONDON | Private | No | Multi-address buildings | | | | 85 | LDA |
| | 115 DRUID STREET ARNOLD ESTATE LONDON | Private | No | Multi-address buildings | | | | 61 | LDA |
| NEW CALEDONIAN WHARF | FLAT 1 6 ODESSA STREET LONDON | Private | No | Multi-address buildings | | | | 116 | LDA |
| RIVER VIEW HEIGHTS | FLAT 1A 27 BERMONDSEY WALL WEST LONDON | Private | No | Multi-address buildings | | | | 65 | LDA |
| | 15 SWAN ROAD ALBION ESTATE LONDON | Private | No | Multi-address buildings | | | | 55 | LDA |
| BRYDALE HOUSE | FLAT 1 ROTHERHITHE NEW ROAD LONDON | Private | No | Multi-address buildings | | | | 96 | LDA |
| | 1 SOUTHWARK PARK ROAD KIRBY ESTATE LONDON | Private | No | Multi-address buildings | | | | 70 | LDA |
| WINDERMERE POINT | FLAT 1 OLD KENT ROAD LONDON | Private | No | Multi-address buildings | | | | 73 | LDA |
| STANTON HOUSE | APARTMENT 40 620 ROTHERHITHE STREET LONDON | Private | No | Multi-address buildings | | | | 88 | LDA |
| WEST POINT | FLAT 1 AVONDALE SQUARE LONDON | Private | No | Multi-address buildings | | | | 74 | LDA |
| POPE HOUSE | FLAT 1 MANOR ESTATE LONDON | Private | No | Multi-address buildings | | | | 88 | LDA |
| | 1 RENFORTH STREET AYLTON ESTATE LONDON | Private | No | Multi-address buildings | | | | 64 | LDA |
| Bacon's Sports Centre | Timber Pond Road, London | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| Fusion | Unit 5 Lloyds Wharf, Mill Street, London | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| Sports Centre | | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| Sports Centre | | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| CAFE GALLERY BY THE POOL | 1, 1, SOUTHWARK PARK, PARK APPROACH, LONDON | Unidentified | No | Sport & Leisure facilities | | | | | LDA |

Area 1 Bermondsey, 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 |
|--|--|--------------|----------|---------------------------------|----------------|-------------|---|---------------------|-------------|
| SUPRANATIONAL HOTELS LTD | SHAD THAMES, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| GALLEYWALL PRIMARY SCHOOL | GALLEYWALL PRIMARY SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| KINTORE WAY NURSERY SCHOOL | KINTORE WAY NURSERY SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| ST. JOSEPHS RC INFANT & JUNIOR SCHOOL | ST. JOSEPHS RC INFANT & JUNIOR SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| TOWER BRIDGE POLICE STATION, METROPOLITAN POLICE SERVICE | QUEEN ELIZABETH STREET, LONDON | Other public | No | Police stations | | | | | LDA |
| ROTHERHITHE POLICE STATION, METROPOLITAN POLICE | LOWER ROAD, LONDON | Other public | No | Police stations | | | | | LDA |
| GUYS HOSPITAL | | Other public | No | NHS | | | | | LDA |
| Antenna Audio | Block J Unit 307-309 Tower Bridge Business Complex 100 Clements Road, London | Private | No | Museum and art gallery | | | | | LDA |
| Brunel Engine House Rotherhithe | Brunel Engine House Railway Avenue, London | Private | No | Museum and art gallery | | | | | LDA |
| Nelson Dock Museum | | Private | No | Museum and art gallery | | | | | LDA |
| Pumphouse Educational Museum & Rotherhithe Heritage Museum | Lavender Pond & Nature Park Lavender Pumphouse Lavender Road, London | Private | No | Museum and art gallery | | | | | LDA |
| LONDON BUBBLE THEATRE CO LTD | 3 - 5 ELEPHANT LANE | Private | No | Sport & Leisure facilities | | | | | |
| BARNES HEALTH & FITNESS LIMITED | CIRCLE SPA HEALTH CLUB, THE CIRCLE QUEEN ELIZABETH STREET | Private | No | Sport & Leisure facilities | | | | | |
| The Design Museum | Shad Thames | Private | No | Museums & Art Galleries | | | | | |
| Total | | | | | | | 268,117 | | |

Area 2 North Soutwark

| Name | Address | Ownership | New dev. | Typology | Heating supply | Fuel source | Fuel consumption from all assets including CHP (MWh/year) | Number of Dwellings | Data source |
|--------------------------------|--|------------------|----------|---|--------------------|-------------|---|---------------------|-------------|
| Guy's Hospital | Great Maze Pond, London | Other public | No | NHS | Central Boilers | Natural gas | 50,634 | | Actual |
| Sea Containers House | 20 Upper Ground | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 5,969 | | Estimated |
| Bankside 1 (Blue Fin building) | 80-110 Southwark Street | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 5,962 | | Estimated |
| LDA (Palaestra) | 197 Blackfriars Road | Local government | No | Local government estate | Central Boilers | | 5,700 | | Estimated |
| TRAVEL INN CAPITAL LTD | 159 TOWER BRIDGE ROAD | Private | No | Hotels (> 99 units or 4,999 m2) | | | 5,229 | | Estimated |
| Metro Central Heights | Newington Causeway | Private | No | Private residential (> 149 units or 9,999 m2) | | | 5,017 | | Estimated |
| NOVOTEL UK LTD | 53 - 61 SOUTHWARK BRIDGE ROAD | Private | No | Hotels (> 99 units or 4,999 m2) | | | 4,856 | | Estimated |
| Sampson House | 64 Hopton Street | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 4,606 | | Estimated |
| MERCURE HOTEL | 75 - 79 SOUTHWARK STREET | Private | No | Hotels (> 99 units or 4,999 m2) | | | 3,842 | | Estimated |
| Peronet House | Princess Street London | Local government | No | Local government estate | | | 3,832 | | Estimated |
| LONDON BRIDGE HOTEL LIMITED | 8 - 18 LONDON BRIDGE STREET | Private | No | Hotels (> 99 units or 4,999 m2) | | | 3,682 | | Estimated |
| LSBU McLaren House | 1 St George's Circus, | Other public | No | Education facilities | Central Boilers | | 3,633 | | Estimated |
| H10 HOTEL | 284 - 302 WATERLOO ROAD | Private | No | Hotels (> 99 units or 4,999 m2) | | | 3,602 | | Estimated |
| Skipton House | 80 London Road | Private | No | Private commercial (> 9,999 m2) | | | 3,443 | | Estimated |
| MEAKIN ESTATE | MEAKIN ESTATE, CENTRAL BOILER HOUSE, DECIMA STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 3,348 | | Actual |
| King's Reach Tower | Stamford Street, Bankside, | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 3,267 | | Estimated |
| Bankside 3 | 80-110 Southwark Street | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 2,793 | | Estimated |
| IMPERIAL WAR MUSEUM | H M S BELFAST MORGANS LANE | Private | No | Museums & Art Galleries | Central Boilers | | 2,665 | | Estimated |
| SCOVELL ROAD ESTATE | SCOVELL ROAD ESTATE, SCOVELL ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 2,597 | | Actual |
| Bankside 2 | 80-110 Southwark Street | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 2,461 | | Estimated |
| Hilton London Tower Bridge | Tooley Street, 5 More London Place, London | Private | No | Hotels (> 99 units or 4,999 m2) | Central Boilers | Natural gas | 2,436 | 245 | Actual |
| Friars House | 157-168 Blackfriars Road | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 2,413 | | Estimated |
| LSBU London Road | 100-116 London Road, | Other public | No | Education facilities | Central Boilers | | 2,179 | | Estimated |
| Ludgate House | 245 Blackfriars Road | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 2,072 | | Estimated |
| GAYWOOD BOILER HOUSE | GAYWOOD BOILER HOUSE, GAYWOOD ESTATE, PRINCESS STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 2,016 | | Actual |
| REDMAN HOUSE | REDMAN HOUSE, REDMAN HOUSE CORNER, BOROUGH HIGH STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 2,009 | | Actual |
| OXO Wharf Tower | Bargehouse, 22 Barge House Street, | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 1,942 | | Estimated |
| Rennie Court | Upper Ground | Private | No | Private residential (> 149 units or 9,999 m2) | Central Boilers | | 1,930 | | Estimated |
| FALCON POINT | FALCON POINT, BANKSIDE, HOPTON STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,918 | | Actual |
| Rowland Hill House | Nelson Square | Private | No | Private residential (> 149 units or 9,999 m2) | Central Boilers | | 1,696 | | Estimated |
| KIPLING ESTATE | KIPLING ESTATE, BOILER HOUSE, GUY STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,560 | | Actual |
| LSBU David Bomberg House | 282-302 Borough High Street, | Other public | No | Education facilities | Central Boilers | | 1,544 | | Estimated |
| ALBERT BARNES HOUSE | ALBERT BARNES HOUSE, NEW KENT ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 1,504 | | Actual |
| Notre Dame RC Girls' School | 118 St George's Road | Local government | No | Local government estate | Individual boilers | Natural gas | 1,476 | | Actual |
| 230 Blackfriars Road | 230 Blackfriars Road, London | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 1,452 | | Estimated |

Area 2 North Soutwark, 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 |
|---|---|--------------------|----------|---------------------------|--------------------|--------------|---|---------------------|-------------|
| COOPERS CLOSE CO-OPERATIVE | COOPERS CLOSE CO-OPERATIVE, 64 COOPERS CLOSE | Local government | No | Local government estate | Central Boilers | Natural gas | 1,328 | | Actual |
| LSE Bankside House | 24, Sumner Street | Other public | No | Education facilities | Individual boilers | Natural gas | 1,278 | | Actual |
| SMEATON COURT | SMEATON COURT, 50 ROCKINGHAM ESTATE | Local government | No | Local government estate | Central Boilers | Natural gas | 1,166 | | Actual |
| HADDON HALL ESTATE | HADDON HALL ESTATE, REPHIDIM STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,141 | | Actual |
| HELEN GLADSTONE HOUSE | HELEN GLADSTONE HOUSE, SURREY ROW | Local government | No | Local government estate | Central Boilers | Natural gas | 1,122 | | Actual |
| CARDINAL BOURNE BOILER ROOM | CARDINAL BOURNE BOILER ROOM, CARDINAL BOURNE STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,096 | | Actual |
| LUCY BROWN BOILER HOUSE | LUCY BROWN BOILER HOUSE, 27 PARK STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,039 | | Actual |
| LSBU Borough Road Building | 103 Borough Road | Other public | No | Education facilities | Central Boilers | | 1,001 | | Estimated |
| 160 Tooley Street | 160 Tooley Street | Local government | No | Local government estate | Individual boilers | Mixed source | 974 | | Actual |
| LSBU Tower Block | 103 Borough Road | Other public | No | Education facilities | Central Boilers | | 965 | | Estimated |
| St. Saviours & St. Olaves School | New Kent Road | Local government | No | Local government estate | Individual boilers | Natural gas | 934 | | Actual |
| STYLES HOUSE | STYLES HOUSE, THE CUT | Local government | No | Local government estate | Central Boilers | Natural gas | 909 | | Actual |
| LSBU Technopark | 90 London Road, | Other public | No | Education facilities | Central Boilers | | 645 | | Estimated |
| LSBU Keyworth House | Keyworth Street, | Other public | No | Education facilities | Central Boilers | | 609 | | Estimated |
| LANCASTER/TADWORTH HOUSE | LANCASTER/TADWORTH HOUSE, WEBBER STREET, BLACKFRIARS ROAD, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 485 | | Actual |
| Tower Bridge | | Other public | No | Other public buildings | Gas | Natural gas | 452 | | LDA |
| LSBU Perry Library | 250 Southwark Bridge Road, | Other public | No | Education facilities | Central Boilers | | 446 | | Estimated |
| LSBU Erlang House | 128 Blackfriars Road, | Other public | No | Education facilities | Central Boilers | | 389 | | Estimated |
| LSBU Extension Block | 103 Borough Road | Other public | No | Education facilities | Central Boilers | | 377 | | Estimated |
| Globe Academy (formerly Joseph Lancaster School) | Harper Road | Local government | No | Local government estate | Individual boilers | Natural gas | 375 | | Actual |
| Charles Dickens Primary | Lant Street | Local government | No | Local government estate | Individual boilers | Natural gas | 364 | | Actual |
| TATSFIELD HOUSE | TATSFIELD HOUSE, PARDONER STREET, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 343 | | Actual |
| LSBU Eileen House | 80-94 Newington Causeway | Other public | No | Education facilities | Central Boilers | | 340 | | Estimated |
| Friars School | Webber Street | Local government | No | Local government estate | Individual boilers | Natural gas | 324 | | Actual |
| Snowsfield Primary School JMI & NC | Kirby Grove | Local government | No | Local government estate | Individual boilers | Natural gas | 317 | | Actual |
| LSBU J Block | 103 Borough Road | Other public | No | Education facilities | Central Boilers | | 278 | | Estimated |
| LSBU Faraday Wing | Keyworth Street, | Other public | No | Education facilities | Central Boilers | | 263 | | Estimated |
| St. Joseph's Primary School | 148a Borough High Street | Local government | No | Local government estate | Individual boilers | Natural gas | 244 | | Actual |
| LSBU LRC | 105 Borough Road, | Other public | No | Education facilities | Central Boilers | | 238 | | Estimated |
| LSBU Pocock House | 235 Southwark Bridge Road, | Other public | No | Education facilities | Central Boilers | | 210 | | Estimated |
| Harper Road Social Services | | Local government | No | Local government estate | lthw - gas fired | Natural gas | 173 | | LDA |
| Beormund School | Crosby Row | Local government | No | Local government estate | Individual boilers | Natural gas | 169 | | Actual |
| The Cathedral School of St. Saviour & St. Mary Overie | Redcross Way | Local government | No | Local government estate | Individual boilers | Natural gas | 153 | | Actual |
| St. Jude's CE Primary School | Colnbrook Street | Local government | No | Local government estate | Individual boilers | Natural gas | 137 | | Actual |
| St. George's Cathedral (0430) RC Primary School | 33 Westminster Bridge Road | Local government | No | Local government estate | Individual boilers | Natural gas | 132 | | Actual |
| Geoffrey Chaucer School | Harper Road | Local government | No | Local government estate | Individual boilers | Natural gas | 108 | | Actual |
| LSBU Caxton House | 13-16 Borough Road, | Other public | No | Education facilities | Central Boilers | | 95 | | Estimated |
| LSBU M Block | 103 Borough Road | Other public | No | Education facilities | Central Boilers | | 82 | | Estimated |
| LSBU Nursery | 12 Borough Road, | Other public | No | Education facilities | Central Boilers | | 78 | | Estimated |
| LSBU Rotary House | Rotary Street | Other public | No | Education facilities | Central Boilers | | 68 | | Estimated |
| DEPARTMENT OF HEALTH | 80 LONDON ROAD | Central government | No | Central government estate | | Oil | 40 | | LDA |
| Redmon House, Redmon House Corner | - | Local government | No | Multi-address buildings | | Oil | 2 | | LDA |
| Redmon House, Redmon House Corner | - | Local government | No | Multi-address buildings | | Oil | 2 | | LDA |

Area 2 North Soutwark, 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 |
|-------------------------------------|--|--------------|----------|-------------------------|--------------------|-------------|---|---------------------|-------------|
| BRITISH LIBRARY | 197 BLACKFRIARS ROAD | Other public | No | Local government estate | | Oil | 2 | | LDA |
| Southwark Fire Station Fire Station | 94 Southwark Bridge Road | Other public | No | Fire stations | | Oil | 1 | | LDA |
| UNION STREET OFFICES | 169 UNION STREET | Other public | No | Other public buildings | Individual boilers | Natural gas | 1 | | LDA |
| SIMLA HOUSE | FLAT 1 KIPLING ESTATE LONDON | Private | No | Multi-address buildings | | | | 79 | LDA |
| PAKEMAN HOUSE | FLAT 1 POCOCK STREET LONDON | Private | No | Multi-address buildings | | | | 56 | LDA |
| | 23 TOWER BRIDGE ROAD MALTINGS PLACE LONDON | Private | No | Multi-address buildings | | | | 63 | LDA |
| GEOFFREY HOUSE | FLAT 1 PARDONER STREET LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| | 1 DRUID STREET ST. OLAVES ESTATE LONDON | Private | No | Multi-address buildings | | | | 61 | LDA |
| | FLAT 1 165 GREAT DOVER STREET LONDON | Private | No | Multi-address buildings | | | | 118 | LDA |
| PALLANT HOUSE | FLAT 1 TABARD STREET LONDON | Private | No | Multi-address buildings | | | | 57 | LDA |
| ROWLAND HILL HOUSE | FLAT 100 NELSON SQUARE LONDON | Private | No | Multi-address buildings | | | | 107 | LDA |
| | 1 EMPIRE SQUARE EMPIRE SQUARE EAST LONDON | Private | No | Multi-address buildings | | | | 89 | LDA |
| 1 VESTA COURT | CITY WALK LONDON | Private | No | Multi-address buildings | | | | 60 | LDA |
| | BASEMENT FLAT 160 SOUTHWARK BRIDGE ROAD LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| 1 ANTONINE HEIGHTS | CITY WALK LONDON | Private | No | Multi-address buildings | | | | 101 | LDA |
| BRAMWELL HOUSE | FLAT 100 HARPER ROAD LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| BANKSIDE LOFTS | FLAT 109 65 HOPTON STREET LONDON | Private | No | Multi-address buildings | | | | 128 | LDA |
| VAUGHAN HOUSE | FLAT 1 NELSON SQUARE LONDON | Private | No | Multi-address buildings | | | | 53 | LDA |
| | FLAT 6 54 LANT STREET LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| | 100 ROTHSAY STREET MEAKIN ESTATE LONDON | Private | No | Multi-address buildings | | | | 65 | LDA |
| BOUGHTON HOUSE | FLAT 1 TENNIS STREET LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| | FLAT 35 12 BERMONDSEY SQUARE LONDON | Private | No | Multi-address buildings | | | | 76 | LDA |
| | 1 BITTERN STREET LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| | 10 MILROY WALK LONDON | Private | No | Multi-address buildings | | | | 108 | LDA |
| | 1 EMPIRE SQUARE EMPIRE SQUARE SOUTH LONDON | Private | No | Multi-address buildings | | | | 158 | LDA |
| NORTHFLEET HOUSE | FLAT 1 TABARD GARDEN ESTATE LONDON | Private | No | Multi-address buildings | | | | 60 | LDA |
| SMEATON COURT | FLAT 1 50 ROCKINGHAM STREET LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| METRO CENTRAL HEIGHTS | APARTMENT 1 119 NEWINGTON CAUSEWAY LONDON | Private | No | Multi-address buildings | | | | 421 | LDA |
| LONGRIDGE HOUSE | FLAT 1 FALMOUTH ROAD LONDON | Private | No | Multi-address buildings | | | | 86 | LDA |
| APPLEGARTH HOUSE | FLAT 157 NELSON SQUARE LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| STOPHER HOUSE | FLAT 1 90 WEBBER STREET LONDON | Private | No | Multi-address buildings | | | | 60 | LDA |
| 1 HESTIA HOUSE | CITY WALK LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| PATTISON HOUSE | FLAT 1 REDCROSS WAY LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| | FLAT 4 91 GREAT SUFFOLK STREET LONDON | Private | No | Multi-address buildings | | | | 101 | LDA |
| BENBOW HOUSE | APARTMENT 5 24 NEW GLOBE WALK LONDON | Private | No | Multi-address buildings | | | | 71 | LDA |
| SIDNEY WEBB HOUSE | FLAT 101 159 GREAT DOVER STREET LONDON | Private | No | Multi-address buildings | | | | 75 | LDA |
| RIVER COURT | FLAT 57 UPPER GROUND LONDON | Private | No | Multi-address buildings | | | | 87 | LDA |
| BURWASH HOUSE | FLAT 39 KIPLING ESTATE LONDON | Private | No | Multi-address buildings | | | | 78 | LDA |
| COLLINSON COURT | FLAT 1 GREAT SUFFOLK STREET LONDON | Private | No | Multi-address buildings | | | | 72 | LDA |
| METRO CENTRAL HEIGHTS | APARTMENT 414 119 NEWINGTON CAUSEWAY LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| MARTIN HOUSE | FLAT 1 FALMOUTH ROAD LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| | FLAT 1 197 LONG LANE LONDON | Private | No | Multi-address buildings | | | | 83 | LDA |
| EASTWELL HOUSE | FLAT 1 WESTON STREET LONDON | Private | No | Multi-address buildings | | | | 75 | LDA |
| PROSPECT HOUSE | FLAT 1 GAYWOOD STREET LONDON | Private | No | Multi-address buildings | | | | 63 | LDA |
| BLOCK C | FLAT 1 27 GREEN WALK LONDON | Private | No | Multi-address buildings | | | | 59 | LDA |
| | 19 ROTHSAY STREET LONDON | Private | No | Multi-address buildings | | | | 91 | LDA |
| SYMINGTON HOUSE | FLAT 1 DEVERELL STREET LONDON | Private | No | Multi-address buildings | | | | 105 | LDA |
| LONGSTONE COURT | FLAT 27 22 GREAT DOVER STREET LONDON | Private | No | Multi-address buildings | | | | 78 | LDA |
| BRAMWELL HOUSE | FLAT 101 HARPER ROAD LONDON | Private | No | Multi-address buildings | | | | 55 | LDA |
| BALIN HOUSE | FLAT 36 LONG LANE LONDON | Private | No | Multi-address buildings | | | | 70 | LDA |
| | 1 EMPIRE SQUARE EMPIRE SQUARE WEST LONDON | Private | No | Multi-address buildings | | | | 271 | LDA |
| STEPHENSON HOUSE | FLAT 1 BATH TERRACE LONDON | Private | No | Multi-address buildings | | | | 80 | LDA |
| ORCHARD LISLE HOUSE | FLAT 19 TALBOT YARD LONDON | Private | No | Multi-address buildings | | | | 64 | LDA |
| WICKSTEED HOUSE | FLAT 61 COUNTY STREET LONDON | Private | No | Multi-address buildings | | | | 89 | LDA |
| ARROL HOUSE | FLAT 1 ROCKINGHAM STREET LONDON | Private | No | Multi-address buildings | | | | 85 | LDA |
| PILGRIM HOUSE | FLAT 1 TABARD STREET LONDON | Private | No | Multi-address buildings | | | | 62 | LDA |
| BECKETT HOUSE | FLAT 1 TABARD STREET LONDON | Private | No | Multi-address buildings | | | | 90 | LDA |

Area 2 North Soutwark, 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 |
|--|---|--------------------|----------|---------------------------------|----------------|-------------|---|---------------------|-------------|
| WHITWORTH HOUSE | FLAT 100 FALMOUTH ROAD LONDON | Private | No | Multi-address buildings | | | | 105 | LDA |
| | 136 SOUTHWARK BRIDGE ROAD LONDON | Private | No | Multi-address buildings | | | | 71 | LDA |
| DRAKE COURT | FLAT 12 12 SWAN STREET LONDON | Private | No | Multi-address buildings | | | | 89 | LDA |
| Cityboxer.Com | 70, Ewer Street, London | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| Fitness for Everybody Ltd | Unit 1 108, Weston Street, London | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| Soho Gyms | Empire Square West, Empire Square, London | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| THE MAD HATTER HOTEL | STAMFORD STREET, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| ELEPHANT & CASTLE HOTEL | NEWINGTON CAUSEWAY, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| LONDON CITY HOTEL | BOROUGH HIGH STREET, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| Kings College London | 18-20, Newcomen Street, London | Private | No | Education facilities | | | | | LDA |
| University of London | United Medical & Dental School, Dept Of Psychiatry, Guys Hospital London Bridge, London | Private | No | Education facilities | | | | | LDA |
| ST. OLAVES & ST. SAVIOURS SCHOOLS FOUNDATION | ST. OLAVES & ST. SAVIOURS SCHOOLS FOUNDATION | Unidentified | No | Education facilities | | | | | LDA |
| HEALTHIER SCHOOL PARTNERSHIP | HEALTHIER SCHOOL PARTNERSHIP | Unidentified | No | Education facilities | | | | | LDA |
| SHAKESPEARE SCHOOLS FESTIVAL | SHAKESPEARE SCHOOLS FESTIVAL | Unidentified | No | Education facilities | | | | | LDA |
| SOUTHWARK POLICE STATION, METROPOLITAN POLICE | BOROUGH HIGH STREET, LONDON | Other public | No | Police stations | | | | | LDA |
| LONDON BRIDGE HOSPITAL | TOOLEY STREET, LONDON | Other public | No | NHS | | | | | LDA |
| GUYS HOSPITAL | GREAT MAZE POND, LONDON | Other public | No | NHS | | | | | LDA |
| Bramah Museum Of Tea & Coffee | 38-40 Southwark Street, London | Private | No | Museum and art gallery | | | | | LDA |
| Caine Prize | | Private | No | Museum and art gallery | | | | | LDA |
| Capture | The Leather Market Weston Street, London, Greater London | Private | No | Museum and art gallery | | | | | LDA |
| Crying Out Loud | 171 Union Street, London | Private | No | Museum and art gallery | | | | | LDA |
| Fashion And Textile Museum | 83 Bermondsey Street, London | Private | No | Museum and art gallery | | | | | LDA |
| Kirkaldy Testing Museum | 99 Southwark Street, London | Private | No | Museum and art gallery | | | | | LDA |
| London Fire Brigade Museum | Winchester House 94a Southwark Bridge Road, London | Private | No | Museum and art gallery | | | | | LDA |
| London Fire Brigade Museum | Winchester House 94a Southwark Bridge Road, London | Private | No | Museum and art gallery | | | | | LDA |
| Old Operating Theatre, Museum And Herb Garret | 9a St. Thomas Street, London | Private | No | Museum and art gallery | | | | | LDA |
| Rose Theatre Exhibition | 56 Park Street, London | Private | No | Museum and art gallery | | | | | LDA |
| Tate Modern | 53 Bankside, London | Private | No | Museum and art gallery | | | | | LDA |
| The Golden Hinde | St. Mary Overies Dock Cathedral Street, London | Private | No | Museum and art gallery | | | | | LDA |
| The Tower Bridge Experience | Tower Bridge Tower Bridge Road, London | Private | No | Museum and art gallery | | | | | LDA |
| Vinopolis - London's Wine Tasting Visitor Attraction | 1 Bank End, London | Private | No | Museum and art gallery | | | | | LDA |
| Winston Churchill's Britain At War Experience | 64-66 Tooley Street, London | Private | No | Museum and art gallery | | | | | LDA |
| 11 Million | 1 London Bridge ,London | Central government | No | Central government estate | | | | | LDA |
| Action Visas | Unit 8 Baden Place ,London | Central government | No | Central government estate | | | | | LDA |
| Department of Health | Skipton House 80 London Road ,London | Central government | No | Central government estate | | | | | LDA |
| HM Revenue & Customs | Dorset House 27-45 Stamford Street ,London | Central government | No | Central government estate | | | | | LDA |
| Manley Summers Housing Personnel | 70 Newcomen Street ,London | Central government | No | Central government estate | | | | | LDA |
| THE LONDON BRIDGE EXPERIENCE LTD | 2 TOOLEY STREET | Private | No | Museums & Art Galleries | | | | | |
| UNION THEATRE | 204 UNION STREET | Private | No | Sport & Leisure facilities | | | | | |
| THE UNICORN THEATRE | UNICORN THEATRE , 147 TOOLEY STREET | Private | No | Sport & Leisure facilities | | | | | |
| FITNESS FIRST PLC | 20 - 26 LONDON BRIDGE STREET | Private | No | Sport & Leisure facilities | | | | | |
| THE MINISTRY OF SOUND HOLDINGS LTD | 103 GAUNT STREET | Private | No | Sport & Leisure facilities | | | | | |
| THE ROYAL SOCIETY OF PAINTERS IN WATER COLOURS | 48 HOPTON STREET | Private | No | Museums & Art Galleries | | | | | |
| KINGS COLLEGE LONDON | THE GREENWOOD THEATRE , 55 WESTON STREET | Private | No | Sport & Leisure facilities | | | | | |

Area 2 North Soutwark, 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 |
|---|---|-----------|----------|----------------------------|----------------|-------------|---|---------------------|-------------|
| THE CLINK AND BANKSIDE CO LTD REGISTERED OFFICE | LOWER GROUND FLOOR, SOHO WHARF CLINK STREET | Private | No | Sport & Leisure facilities | | | | | |
| INTERNATIONAL SHAKESPEARE GLOBE CENTRE LTD | THE INTERNATIONAL SHAKESPEARE GLOBE CENTRE BANKSIDE | Private | No | Sport & Leisure facilities | | | | | |
| TATE MODERN | SUMNER STREET | Private | No | Museums & Art Galleries | | | | | |
| 37 DEGREES (gym) | 2B MORE LONDON RIVERSIDE | Private | No | Sport & Leisure facilities | | | | | |
| Total | | | | | | | 176,181 | | |

Area 3 Camberwell

| Name | Address | Ownership | New dev. | Typology | Heating supply | Fuel source | Fuel consumption from all assets including CHP (MWh/year) | Number of Dwellings | Data source |
|--|--|------------------|----------|----------------------------|--------------------|-------------|---|---------------------|-------------|
| Aylesbury Estate | Aylesbury Estate, Thurlow Street | Local government | No | Local government estate | Central Boilers | Natural gas | 72,331 | | Actual |
| WYNDHAM ESTATE | WYNDHAM ESTATE, CAMBERWELL NEW ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 41,330 | | Actual |
| North Peckham Estate | North Peckham Estate, Blakes Road | Local government | No | Local government estate | Central Boilers | Natural gas | 22,596 | | Actual |
| BRANDON ESTATE ROYAL ROAD | BRANDON ESTATE ROYAL ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 17,043 | | Actual |
| BRIM POMEROY | BRIM POMEROY, CULMORE ROAD, NEW CROSS | Local government | No | Local government estate | Central Boilers | Natural gas | 12,987 | | Actual |
| ACORN ESTATE | ACORN ESTATE, HOLLYDENE, CARLTON GROVE | Local government | No | Local government estate | Central Boilers | Natural gas | 12,204 | | Actual |
| NEWINGTON DEVELOPMENT | NEWINGTON DEVELOPMENT, STEADMAN STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 10,593 | | Actual |
| D'EYNSFORD ROAD | D'EYNSFORD ROAD, VICARAGE GROVE | Local government | No | Local government estate | Central Boilers | Natural gas | 10,067 | | Actual |
| SCEAUX GARDENS ESTATE | SCEAUX GARDENS ESTATE, FONTRIELLE HOUSE, DALWOOD STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 9,961 | | Actual |
| HAVIL STREET BOILER HOUSE | HAVIL STREET BOILER HOUSE, SEDGEMOOR PLACE DEVELOPMENT | Local government | No | Local government estate | Central Boilers | Natural gas | 5,855 | | Actual |
| LEONTINE CLOSE | LEONTINE CLOSE, BELLS GARDEN ESTATE | Local government | No | Local government estate | Central Boilers | Natural gas | 5,102 | | Actual |
| CASTLEMEAD ESTATE | CASTLEMEAD ESTATE, CAMBERWELL ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 5,019 | | Actual |
| NEVILLE CLOSE | NEVILLE CLOSE, BELLS GARDEN ESTATE | Local government | No | Local government estate | Central Boilers | Natural gas | 4,574 | | Actual |
| PORTLAND STREET BOILER HOUSE | PORTLAND STREET BOILER HOUSE, PORTLAND STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 4,408 | | Actual |
| PASLEY ROAD ESTATE | PASLEY ROAD ESTATE, PASLEY CLOSE | Local government | No | Local government estate | Central Boilers | Natural gas | 4,083 | | Actual |
| HEYGATE | HEYGATE, HEYGATE AREA, BRANDON STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 3,764 | | Actual |
| BARLOW ESTATE BOILER HOUSE | BARLOW ESTATE BOILER HOUSE | Local government | No | Local government estate | Central Boilers | Natural gas | 3,367 | | Actual |
| OWGAN B BOILER HOUSE | OWGAN B BOILER HOUSE, OWGAN CLOSE, ELMINGTON ESTATE | Local government | No | Local government estate | Central Boilers | Natural gas | 2,893 | | Actual |
| Fusion - Peckham Pulse | 10 Melon Road | Local government | No | Sport & Leisure facilities | Individual boilers | Natural gas | 2,527 | | Actual |
| Fusion - Camberwell | Artichoke Place | Local government | No | Sport & Leisure facilities | Individual boilers | Natural gas | 2,195 | | Actual |
| DIGHTON COURT | DIGHTON COURT, JOHN RUSKIN STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,881 | | Actual |
| PENNACK BOILER HOUSE | PENNACK BOILER HOUSE, PENNACK ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 1,853 | | Actual |
| CONANT HOUSE | CONANT HOUSE, ST AGNUS PLACE | Local government | No | Local government estate | Central Boilers | Natural gas | 1,816 | | Actual |
| BELL GARDEN ESTATE | BELL GARDEN ESTATE, HASTINGS CLOSE | Local government | No | Local government estate | Central Boilers | Natural gas | 1,570 | | Actual |
| St Micheal & All Angels (formerly archbishop michael ramsay) | Farmers Road | Local government | No | Local government estate | Individual boilers | Natural gas | 1,546 | | Actual |
| STANSWOOD BOILER HOUSE | STANSWOOD BOILER HOUSE, SEDGEMOOR PLACE DEVELOPMENT | Local government | No | Local government estate | Central Boilers | Natural gas | 1,542 | | Actual |
| HILLINGDON BOILER HOUSE | HILLINGDON BOILER HOUSE, HILLINGDON STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,512 | | Actual |
| LIVINGSTONE BOILER HOUSE | LIVINGSTONE BOILER HOUSE, 2 COMBER ESTATE, CROWN STREET, WHYNDHAM ROAD, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 1,446 | | Actual |
| Walworth Upper School (Walworth Academy) | Shorncliffe Road | Local government | No | Local government estate | Individual boilers | Natural gas | 1,335 | | Actual |
| SLADE WALK CENTRAL BOILER HOUSE | SLADE WALK CENTRAL BOILER HOUSE, HEIRON/HILLINGDON STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,292 | | Actual |
| John Smith House | 144-152 Walworth Road | Local government | No | Local government estate | Individual boilers | Natural gas | 1,209 | | Actual |
| Peckham Town Hall | 31 Peckham Road | Local government | No | Local government estate | Individual boilers | Natural gas | 1,174 | | Actual |
| ALBERTA WESTCOTT HOUSE | ALBERTA WESTCOTT HOUSE, ALBERTA STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,139 | | Actual |
| Municipal Offices - Larcom Street | 9 Larcom Street | Local government | No | Local government estate | Individual boilers | Natural gas | 1,121 | | Actual |
| Manor Place Baths & Depot | Manor Place Depot, 30-34 Penrose St, Occupation Rd | Local government | No | Local government estate | Individual boilers | Natural gas | 1,056 | | Actual |
| D'Eynsford Boiler Room | - | Local government | No | Multi-address buildings | | Oil | 893 | | LDA |
| KING CHARLES COURT | KING CHARLES COURT, 30 ROYAL ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 840 | | Actual |
| GILESMEAD | GILESMEAD, BENHILL ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 822 | | Actual |
| Manor Place Baths & Depot | | Local government | No | Sport & Leisure facilities | lthw - gas fired | Natural gas | 814 | | LDA |
| SOANE HOUSE | SOANE HOUSE, ROLAND WAY | Local government | No | Local government estate | Central Boilers | Natural gas | 800 | | Actual |
| Queens Road Day Centre | 133-137 Queens Road | Local government | No | Local government estate | Individual boilers | Natural gas | 780 | | Actual |
| Queens Road Social Services | | Local government | No | Local government estate | lthw - gas fired | Natural gas | 726 | | LDA |
| HARRY LAMBOURNE HOUSE | HARRY LAMBOURNE HOUSE, 9 GERVAISE STREET, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 701 | | Actual |

Area 3 Camberwell, 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 |
|---|---|------------------|----------|----------------------------|--------------------|-------------|---|---------------------|-------------|
| Peckham Park School | Marmont Road | Local government | No | Local government estate | Individual boilers | Natural gas | 680 | | Actual |
| Gloucester Primary School | Daniel Gardens | Local government | No | Local government estate | Individual boilers | Natural gas | 670 | | Actual |
| John Ruskin School | John Ruskin Street | Local government | No | Local government estate | Individual boilers | Natural gas | 645 | | Actual |
| SHELTERED HOUSING | SHELTERED HOUSING, 71-89 BROOK DRIVE, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 621 | | Actual |
| English Martyrs RC Primary School | Flint Street | Local government | No | Local government estate | Individual boilers | Natural gas | 615 | | Actual |
| Oliver Goldsmith J & I School | Peckham Road | Local government | No | Local government estate | Individual boilers | Natural gas | 612 | | Actual |
| Sumner House | Sumner Road | Local government | No | Local government estate | Individual boilers | Natural gas | 600 | | Actual |
| Keyworth School | Faunce Street, London | Local government | No | Local government estate | Individual boilers | Natural gas | 570 | | Actual |
| PELIER ST. BOILER HOUSE | PELIER ST. BOILER HOUSE, HILLINGDON STREET, PELIER ESTATE, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 550 | | Actual |
| Brunswick Park School | Picton Street | Local government | No | Local government estate | Individual boilers | Natural gas | 544 | | Actual |
| Aylesbury Day Centre | Aylesbury Day Centre, 2 Bradenham Close | Local government | No | Local government estate | Individual boilers | Natural gas | 535 | | Actual |
| Cobourg Primary School | Cobourg Road | Local government | No | Local government estate | Individual boilers | Natural gas | 533 | | Actual |
| Cobourg Primary School | | Local government | No | Education facilities | lthw - gas fired | Natural gas | 506 | | LDA |
| Michael Faraday School | Portland Street | Local government | No | Local government estate | Individual boilers | Natural gas | 493 | | Actual |
| Oliver Goldsmith Primary School | | Local government | No | Education facilities | lthw - gas fired | Natural gas | 493 | | LDA |
| Camelot School | Bird-in-Bush Road | Local government | No | Local government estate | Individual boilers | Natural gas | 485 | | Actual |
| CATOR STREET | CATOR STREET | Local government | No | Local government estate | | Oil | 484 | | LDA |
| St. Peter's C of E Primary School JMI | Liverpool Grove | Local government | No | Local government estate | Individual boilers | Natural gas | 467 | | Actual |
| Peckham Library | Peckham Library, 122 Peckham Hill Street | Local government | No | Local government estate | Individual boilers | Natural gas | 462 | | Actual |
| Fusion - Elephant & Castle | 22 Elephant & Castle | Local government | No | Sport & Leisure facilities | Individual boilers | Natural gas | 431 | | Actual |
| Comber Grove Primary School | Comber Grove | Local government | No | Local government estate | Individual boilers | Natural gas | 388 | | Actual |
| Learning & Business Centre (Cator Street) | Cator Street | Local government | No | Local government estate | Individual boilers | Natural gas | 369 | | Actual |
| St. Francis Primary School | Friary Road | Local government | No | Local government estate | Individual boilers | Natural gas | 343 | | Actual |
| Victory Primary School JMI & NC | Victory Place | Local government | No | Local government estate | Individual boilers | Natural gas | 336 | | Actual |
| Haymerle School | Haymerle Road | Local government | No | Local government estate | Individual boilers | Natural gas | 331 | | Actual |
| IMPERIAL WAR MUSEUM | BROOK DRIVE | Private | No | Museums & Art Galleries | | Oil | 323 | | LDA |
| Crampton School | Iliffe Street | Local government | No | Local government estate | Individual boilers | Natural gas | 313 | | Actual |
| Surrey Square J & I School | Surrey Square | Local government | No | Local government estate | Individual boilers | Natural gas | 305 | | Actual |
| Peckham Library & Media Centre | | Local government | No | Local government estate | lthw - gas fired | Natural gas | 296 | | LDA |
| Bishops House day Nursery | 5 Kennington Park Place | Local government | No | Local government estate | Individual boilers | Natural gas | 294 | | Actual |
| Robert Browning Primary School | King and Queen Street | Local government | No | Local government estate | Individual boilers | Natural gas | 282 | | Actual |
| St. James the Great RC Primary School | Peckham Road | Local government | No | Local government estate | Individual boilers | Natural gas | 280 | | Actual |
| St. Paul's CE Primary School | Penrose Street | Local government | No | Local government estate | Individual boilers | Natural gas | 280 | | Actual |

Area 3 Camberwell, 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 |
|--|--|------------------|----------|-------------------------|--------------------|-------------|---|---------------------|-------------|
| Willowbank School | 2 Davey Street | Local government | No | Local government estate | Individual boilers | Natural gas | 274 | | Actual |
| Townsend Primary School | Townsend Street | Local government | No | Local government estate | Individual boilers | Natural gas | 245 | | Actual |
| St. Joseph's R.C Primary School - Pitman | Pitman Street | Local government | No | Local government estate | Individual boilers | Natural gas | 245 | | Actual |
| MINNOW WALK | MINNOW WALK, SURREY TERRACE, FREEMANTLE STREET, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 243 | | Actual |
| Lympstone Day Nursery | Commerical Way London | Local government | No | Local government estate | Individual boilers | Natural gas | 230 | | Actual |
| Newington Library | Newington Library, 155-157 Walworth Rd | Local government | No | Local government estate | Individual boilers | Natural gas | 179 | | Actual |
| St. George's CE Primary School | Coleman Road | Local government | No | Local government estate | Individual boilers | Natural gas | 178 | | Actual |
| PLAXDALE HOUSE | PLAXDALE HOUSE, CONGREVE STREET, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 178 | | Actual |
| Nell Gwynn Nursery School | Meeting House Lane | Local government | No | Local government estate | Individual boilers | Natural gas | 146 | | Actual |
| St. John's Walworth CE Primary School | Larcom Street | Local government | No | Local government estate | Individual boilers | Natural gas | 135 | | Actual |
| Damilola Taylor Centre | 1 East Surrey Grove | Local government | No | Local government estate | Individual boilers | Natural gas | 132 | | Actual |
| ALBANY ROAD (285) | ALBANY ROAD (285), LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 127 | | Actual |
| LINDLEY HOUSE | LINDLEY HOUSE, LINDLEY ESTATE, 163 COMMERCIAL WAY, SOUTHWARK | Local government | No | Local government estate | Central Boilers | Natural gas | 102 | | Actual |
| HODISTER CLOSE | HODISTER CLOSE, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 82 | | Actual |
| Camberwell Library | 17-21 Camberwell Church Street | Local government | No | Local government estate | Individual boilers | Natural gas | 49 | | Actual |
| East Street Library ** | East Street Library, 168-170 Old Kent Road | Local government | No | Local government estate | Individual boilers | Natural gas | 24 | | Actual |
| D'Eynsford Boiler Room | - | Local government | No | Multi-address buildings | | Oil | 4 | | LDA |
| D'Eynsford Boiler Room | - | Local government | No | Multi-address buildings | | Oil | 4 | | LDA |
| Brandon Boiler Room | - | Local government | No | Multi-address buildings | | Oil | 4 | | LDA |
| Brandon Boiler Room | - | Local government | No | Multi-address buildings | | Oil | 2 | | LDA |
| SHOPPING CENTRE | ELEPHANT & CASTLE LONDON | Private | No | Multi-address buildings | | | | 53 | LDA |
| EDWIN HOUSE | FLAT 1 WENTWORTH CRESCENT LONDON | Private | No | Multi-address buildings | | | | 66 | LDA |
| COMUS HOUSE | FLAT 1 CONGREVE STREET LONDON | Private | No | Multi-address buildings | | | | 72 | LDA |
| | 1 HASTINGS CLOSE LONDON | Private | No | Multi-address buildings | | | | 58 | LDA |
| MISSENDEN | FLAT 100 INVILLE ROAD LONDON | Private | No | Multi-address buildings | | | | 90 | LDA |
| BATEMAN HOUSE | FLAT 1 OTTO STREET LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| HANWORTH HOUSE | FLAT 1 JOHN RUSKIN STREET LONDON | Private | No | Multi-address buildings | | | | 140 | LDA |
| CARDIFF HOUSE | FLAT 1 PECKHAM PARK ROAD LONDON | Private | No | Multi-address buildings | | | | 75 | LDA |
| IRVING HOUSE | FLAT 220 DODDINGTON GROVE LONDON | Private | No | Multi-address buildings | | | | 56 | LDA |
| WAKEFIELD HOUSE | FLAT 1 GOLDSMITH ROAD LONDON | Private | No | Multi-address buildings | | | | 91 | LDA |
| GALLERIA COURT | APARTMENT 1 SUMNER ROAD LONDON | Private | No | Multi-address buildings | | | | 151 | LDA |
| SWANBOURNE | FLAT 1 WANSEY STREET LONDON | Private | No | Multi-address buildings | | | | 110 | LDA |
| LONGLEIGH HOUSE | FLAT 28 PECKHAM ROAD LONDON | Private | No | Multi-address buildings | | | | 55 | LDA |
| EDNAM HOUSE | FLAT 1 FRIARY ESTATE LONDON | Private | No | Multi-address buildings | | | | 72 | LDA |
| MARSTON | FLAT 1 DEACON WAY LONDON | Private | No | Multi-address buildings | | | | 104 | LDA |
| LULWORTH | FLAT 1 PORTLAND STREET LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| MISSENDEN | FLAT 166 INVILLE ROAD LONDON | Private | No | Multi-address buildings | | | | 90 | LDA |
| TRAFALGAR HOUSE | FLAT 1 BRONTI CLOSE LONDON | Private | No | Multi-address buildings | | | | 63 | LDA |
| MASTERMAN HOUSE | FLAT 1 ELMINGTON ESTATE LONDON | Private | No | Multi-address buildings | | | | 67 | LDA |
| BRAWNE HOUSE | FLAT 1 BRANDON ESTATE LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| WENDOVER | FLAT 300 THURLOW STREET LONDON | Private | No | Multi-address buildings | | | | 238 | LDA |
| CHILTERN | 1 PORTLAND STREET LONDON | Private | No | Multi-address buildings | | | | 172 | LDA |
| | FLAT 16 60 ST. GEORGES WAY LONDON | Private | No | Multi-address buildings | | | | 70 | LDA |
| GAUMONT HOUSE | FLAT 8 93 MARMONT ROAD LONDON | Private | No | Multi-address buildings | | | | 61 | LDA |
| BRADENHAM | FLAT 100 BOYSON ROAD LONDON | Private | No | Multi-address buildings | | | | 215 | LDA |
| JUNIPER HOUSE | FLAT 1 POMEROY STREET LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| OYSTER COURT | FLAT 1 85 CRAMPTON STREET LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |

Area 3 Camberwell, 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 |
|---------------------------|--|--------------|----------|---------------------------------|----------------|-------------|---|---------------------|-------------|
| WICKWAY COURT | FLAT 1 CATOR STREET LONDON | Private | No | Multi-address buildings | | | | 109 | LDA |
| NORTHFIELD HOUSE | FLAT 1 PECKHAM PARK ROAD LONDON | Private | No | Multi-address buildings | | | | 103 | LDA |
| KESTON HOUSE | FLAT 1 KINGLAKE ESTATE LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| ANDOVERSFORD COURT | FLAT 12 BIBURY CLOSE LONDON | Private | No | Multi-address buildings | | | | 84 | LDA |
| CONISTON HOUSE | FLAT 1 WYNDHAM ROAD LONDON | Private | No | Multi-address buildings | | | | 82 | LDA |
| CLAYDON | FLAT 1 DEACON WAY LONDON | Private | No | Multi-address buildings | | | | 209 | LDA |
| | 102 LOMOND GROVE LONDON | Private | No | Multi-address buildings | | | | 106 | LDA |
| ST. PETERS HOUSE | FLAT 1 QUEENS ROW LONDON | Private | No | Multi-address buildings | | | | 60 | LDA |
| SARNESFIELD HOUSE | FLAT 1 PENCRAIG WAY LONDON | Private | No | Multi-address buildings | | | | 56 | LDA |
| WALTERS HOUSE | FLAT 1 OTTO STREET LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| TAPLOW | FLAT 51 THURLOW STREET LONDON | Private | No | Multi-address buildings | | | | 217 | LDA |
| AMERY HOUSE | FLAT 1 KINGLAKE STREET LONDON | Private | No | Multi-address buildings | | | | 58 | LDA |
| MARDYKE HOUSE | FLAT 1 CROSSLET STREET LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| 46 LAUREL APARTMENTS | TOWNSEND STREET LONDON | Private | No | Multi-address buildings | | | | 64 | LDA |
| WOODSFORD | FLAT 1 PORTLAND STREET LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| DRAPER HOUSE | FLAT 1 20 ELEPHANT & CASTLE LONDON | Private | No | Multi-address buildings | | | | 141 | LDA |
| GWEN MORRIS HOUSE | FLAT 5 WYNDHAM ROAD LONDON | Private | No | Multi-address buildings | | | | 56 | LDA |
| DAWES HOUSE | FLAT 100 ORB STREET LONDON | Private | No | Multi-address buildings | | | | 120 | LDA |
| INNIS HOUSE | FLAT 1 EAST STREET LONDON | Private | No | Multi-address buildings | | | | 77 | LDA |
| OTTERBURN HOUSE | FLAT 1 SULTAN STREET LONDON | Private | No | Multi-address buildings | | | | 81 | LDA |
| BROMYARD HOUSE | FLAT 1 COMMERCIAL WAY LONDON | Private | No | Multi-address buildings | | | | 56 | LDA |
| EUGENE COTTER HOUSE | FLAT 1 BECKWAY STREET LONDON | Private | No | Multi-address buildings | | | | 63 | LDA |
| SIDMOUTH HOUSE | FLAT 1 FRIARY ROAD LINDLEY ESTATE LONDON | Private | No | Multi-address buildings | | | | 51 | LDA |
| CRUDEN HOUSE | FLAT 1 BRANDON ESTATE LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| | FLAT 109 9 STEEDMAN STREET LONDON | Private | No | Multi-address buildings | | | | 101 | LDA |
| ABERFELDY HOUSE | FLAT 100 JOHN RUSKIN STREET LONDON | Private | No | Multi-address buildings | | | | 154 | LDA |
| AUGUSTUS COURT | FLAT 1 94 OLD KENT ROAD LONDON | Private | No | Multi-address buildings | | | | 70 | LDA |
| | 1 MARCHWOOD CLOSE LONDON | Private | No | Multi-address buildings | | | | 62 | LDA |
| SOUTH CITY COURT | FLAT 305 52 PECKHAM GROVE LONDON | Private | No | Multi-address buildings | | | | 110 | LDA |
| | FLAT 506 83 CRAMPTON STREET LONDON | Private | No | Multi-address buildings | | | | 66 | LDA |
| TREVELYAN HOUSE | FLAT 1 JOHN RUSKIN STREET LONDON | Private | No | Multi-address buildings | | | | 62 | LDA |
| PETERCHURCH HOUSE | FLAT 1 COMMERCIAL WAY LONDON | Private | No | Multi-address buildings | | | | 56 | LDA |
| SKENFRITH HOUSE | FLAT 1 COMMERCIAL WAY LONDON | Private | No | Multi-address buildings | | | | 56 | LDA |
| COMBER HOUSE | FLAT 1 COMBER GROVE LONDON | Private | No | Multi-address buildings | | | | 96 | LDA |
| | FLAT 619 83 CRAMPTON STREET LONDON | Private | No | Multi-address buildings | | | | 87 | LDA |
| BENTLEY HOUSE | FLAT 1 PECKHAM ROAD LONDON | Private | No | Multi-address buildings | | | | 89 | LDA |
| PRESCOTT HOUSE | FLAT 1 HILLINGDON STREET LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| | 1 REDBRIDGE GARDENS LONDON | Private | No | Multi-address buildings | | | | 62 | LDA |
| KINGSHILL | FLAT 100 BRANDON STREET LONDON | Private | No | Multi-address buildings | | | | 228 | LDA |
| CROSSMOUNT HOUSE | FLAT 1 BOWYER STREET LONDON | Private | No | Multi-address buildings | | | | 82 | LDA |
| CAMERON HOUSE | FLAT 1 COMBER GROVE LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| ASHENDEN | FLAT 1 DEACON WAY LONDON | Private | No | Multi-address buildings | | | | 242 | LDA |
| KEVAN HOUSE | FLAT 1 WYNDHAM ROAD LONDON | Private | No | Multi-address buildings | | | | 82 | LDA |
| LAIRD HOUSE | FLAT 1 REDCAR STREET LONDON | Private | No | Multi-address buildings | | | | 82 | LDA |
| | 128 PILTON PLACE LONDON | Private | No | Multi-address buildings | | | | 51 | LDA |
| STUDLAND | FLAT 1 PORTLAND STREET LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| MOLESWORTH HOUSE | FLAT 1 BRANDON ESTATE LONDON | Private | No | Multi-address buildings | | | | 58 | LDA |
| CORNISH HOUSE | FLAT 1 BRANDON ESTATE LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| DARWIN COURT | FLAT 59 BARLOW STREET LONDON | Private | No | Multi-address buildings | | | | 78 | LDA |
| ST. GILES HOUSE | FLAT 51 ST. GILES ROAD LONDON | Private | No | Multi-address buildings | | | | 64 | LDA |
| AYLESBURY HOUSE | FLAT 1 FRIARY ESTATE LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| Camberwell Leisure Centre | Flat 1 Artichoke Mews, Artichoke Place, London | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| Fitness First Ltd | 344, Walworth Road, London | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| LONDON PARK HOTEL | NEWINGTON BUTTS, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| MARBELLA HOTEL | CAMBERWELL CHURCH STREET, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| THE NEW DOME HOTEL | CAMBERWELL CHURCH STREET, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |

Area 3 Camberwell, 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 |
|---|---|--------------|----------|---------------------------------|----------------|-------------|---|---------------------|-------------|
| PASHA HOTEL | CAMBERWELL ROAD, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| THE CASTLE HOTEL | WALWORTH ROAD, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| EUROTRAVELLER HOTEL | AMELIA STREET, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| PREMIER HOTEL | OLD KENT ROAD, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| CHARLOTTE SHARMAN FOUNDATION PRIMARY SCHOOL | CHARLOTTE SHARMAN FOUNDATION PRIMARY SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| CAMBERWELL AFTER SCHOOL PROJECT | CAMBERWELL AFTER SCHOOL PROJECT | Unidentified | No | Education facilities | | | | | LDA |
| BAPTIST BOY'S HIGH SCHOOL UK BRANCH | BAPTIST BOY'S HIGH SCHOOL UK BRANCH | Unidentified | No | Education facilities | | | | | LDA |
| THE ANN BERNADT EARLY YEARS CENTRE & NURSERY SCHOOL | THE ANN BERNADT EARLY YEARS CENTRE & NURSERY SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| THE GROVE NURSERY SCHOOL | THE GROVE NURSERY SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| WALWORTH ACADEMY UPPER SCHOOL | WALWORTH ACADEMY UPPER SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| FIRST FRUITS SATURDAY SCHOOL | FIRST FRUITS SATURDAY SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| JOSHUA FOUNDATION NURSERY SCHOOL | JOSHUA FOUNDATION NURSERY SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| POLICE STATION 2-16, METROPOLITAN POLICE | AMELIA STREET, LONDON | Other public | No | Police stations | | | | | LDA |
| Artist Studio Co Ltd | 301 Camberwell New Road, London | Private | No | Museum and art gallery | | | | | LDA |
| Imperial War Museum (Visit Britain Assessed) | | Private | No | Museum and art gallery | | | | | LDA |
| Livesey Museum For Children | 682 Old Kent Road, London | Private | No | Museum and art gallery | | | | | LDA |
| SOUTH LONDON GALLERY | ART GALLERY PECKHAM ROAD | Private | No | Museums & Art Galleries | | | | | |
| Total | | | | | | | 298,485 | | |

Area 4 Central Southwark

| Name | Address | Ownership | New dev. | Typology | Heating supply | Fuel source | Fuel consumption from all assets including CHP (MWh/year) | Number of Dwellings | Data source |
|-------------------------------------|--|------------------|----------|-------------------------|--------------------|--------------|---|---------------------|-------------|
| CONSORT ROAD DEVELOPMENT | CONSORT ROAD DEVELOPMENT, CONSORT ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 15,822 | | Actual |
| LETT SOM STREET DEVELOPMENT | LETT SOM STREET DEVELOPMENT, LETT SOM STREET, WYNDHAM ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 11,072 | | Actual |
| COSSAL ESTATE | COSSAL ESTATE, COSSAL ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 10,081 | | Actual |
| PELICAN ESTATE | PELICAN ESTATE, HERON/CRANE HOUSES, GRUMM AND ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 3,863 | | Actual |
| South London & Maudsley Hospital | 111 Denmark Hill | Other public | No | NHS | Central Boilers | Mixed source | 3,157 | | Actual |
| JACK JONES HOUSE | JACK JONES HOUSE, REEDHAM STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 913 | | Actual |
| Osprey Boiler House | - | Local government | No | Multi-address buildings | | Oil | 835 | | LDA |
| Osprey Boiler House | - | Local government | No | Multi-address buildings | | Oil | 835 | | LDA |
| Osprey Boiler House | - | Local government | No | Multi-address buildings | | Oil | 835 | | LDA |
| Crawford School | Crawford Road | Local government | No | Local government estate | Individual boilers | Natural gas | 736 | | Actual |
| Thomas Calton Community Educ Centre | | Local government | No | Education facilities | lthw - gas fired | Natural gas | 694 | | LDA |
| Bessemer Grange Primary School | Dylways | Local government | No | Local government estate | Individual boilers | Natural gas | 611 | | Actual |
| Sacred Heart RC School | Camberwell New Road | Local government | No | Local government estate | Individual boilers | Natural gas | 589 | | Actual |
| Goose Green Primary School | Tintagel Crescent | Local government | No | Local government estate | Individual boilers | Natural gas | 519 | | Actual |
| Rye Oak Primary School | Whorlton Road | Local government | No | Local government estate | Individual boilers | Natural gas | 510 | | Actual |
| St. Johns & St. Clements | Adys Road | Local government | No | Local government estate | Individual boilers | Natural gas | 432 | | Actual |
| PECKHAM FIRE STATION | 78-80 PECKHAM ROAD | Other public | No | Fire stations | Individual boilers | Natural gas | 400 | | LDA |
| Highshore School | Bellenden Road | Local government | No | Local government estate | Individual boilers | Natural gas | 397 | | Actual |
| Tuke School | 4 Woods Road | Local government | No | Local government estate | Individual boilers | Natural gas | 368 | | Actual |
| South House | 34 Peckham Road | Local government | No | Local government estate | Individual boilers | Natural gas | 366 | | Actual |
| South London Science Centre | Education Library Service, Wilson Road, | Local government | No | Local government estate | Individual boilers | Natural gas | 311 | | Actual |
| CLIFTON ESTATE | CLIFTON ESTATE, CONSORT ROAD, SOUTHWARK | Local government | No | Local government estate | Central Boilers | Natural gas | 230 | | Actual |
| Bellenden Primary School | Reedham Street | Local government | No | Local government estate | Individual boilers | Natural gas | 224 | | Actual |
| Camberwell Grove Day Nursery | 195e Camberwell Grove | Local government | No | Local government estate | Individual boilers | Natural gas | 191 | | Actual |
| HARFIELD GARDENS | HARFIELD GARDENS, STORIES ROAD, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 160 | | Actual |
| Heaton Road Social Services | | Local government | No | Local government estate | lthw - gas fired | Natural gas | 142 | | LDA |
| Talfourd Place Social Services | | Local government | No | Local government estate | lthw - gas fired | Natural gas | 129 | | LDA |
| Nunhead Library | Nunhead Library, Gordon Road | Local government | No | Local government estate | Individual boilers | Natural gas | 82 | | Actual |
| Dog Kennel Hill Primary School | Dog Kennel Hill | Local government | No | Local government estate | Individual boilers | Natural gas | 80 | | Actual |
| John Donne Primary School | Woods Road | Local government | No | Local government estate | Individual boilers | Natural gas | 33 | | Actual |
| Grove Vale Library ** | 25-27 Grove Vale | Local government | No | Local government estate | Individual boilers | Natural gas | 4 | | Actual |
| Cossall Boiler House | - | Local government | No | Multi-address buildings | | Oil | 2 | | LDA |
| Cossall Boiler House | - | Local government | No | Multi-address buildings | | Oil | 2 | | LDA |
| Cossall Boiler House | - | Local government | No | Multi-address buildings | | Oil | 2 | | LDA |
| WARWICK PARK SCHOOL | 122 PECKHAM ROAD | Local government | No | Education facilities | | Oil | 2 | | LDA |
| DULWICH HIGH SCHOOL | RED POST HILL | Unidentified | No | Education facilities | | Oil | 1 | | LDA |
| FAIRWALL HOUSE | FLAT 1 PECKHAM ROAD LONDON | Private | No | Multi-address buildings | | | | 59 | LDA |
| | 1 WIVENHOE CLOSE LONDON | Private | No | Multi-address buildings | | | | 102 | LDA |
| | FLAT 1 20 GORDON ROAD LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| FELBRIDGE HOUSE | FLAT 1 DOG KENNEL HILL ESTATE LONDON | Private | No | Multi-address buildings | | | | 86 | LDA |
| PERTH COURT | FLAT 1 DENMARK HILL ESTATE LONDON | Private | No | Multi-address buildings | | | | 78 | LDA |

Area 4 Central Southwark, 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 |
|--|--|--------------------|----------|---------------------------------|----------------|-------------|---|---------------------|-------------|
| SWINBURNE COURT | FLAT 1 BASINGDON WAY LONDON | Private | No | Multi-address buildings | | | | 78 | LDA |
| CO OPERATIVE HOUSE | FLAT 55 257 RYE LANE LONDON | Private | No | Multi-address buildings | | | | 69 | LDA |
| RUSKIN PARK HOUSE | FLAT 121 CHAMPION HILL LONDON | Private | No | Multi-address buildings | | | | 101 | LDA |
| LEDBURY HOUSE | FLAT 1 DOG KENNEL HILL ESTATE LONDON | Private | No | Multi-address buildings | | | | 55 | LDA |
| MIRLEES COURT | FLAT 1 50 COLDHARBOUR LANE LONDON | Private | No | Multi-address buildings | | | | 51 | LDA |
| | FLAT 30B 81 HANOVER PARK LONDON | Private | No | Multi-address buildings | | | | 154 | LDA |
| MELBREAK HOUSE | FLAT 51 DOG KENNEL HILL ESTATE LONDON | Private | No | Multi-address buildings | | | | 51 | LDA |
| WHEATLAND HOUSE | FLAT 1 DOG KENNEL HILL ESTATE LONDON | Private | No | Multi-address buildings | | | | 58 | LDA |
| | FLAT 16 9 EVAN COOK CLOSE LONDON | Private | No | Multi-address buildings | | | | 57 | LDA |
| 1 TROY TOWN FLATS | PECKHAM RYE LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| RUSKIN PARK HOUSE | FLAT 100 CHAMPION HILL LONDON | Private | No | Multi-address buildings | | | | 120 | LDA |
| CRANE HOUSE | FLAT 1 PELICAN ESTATE LONDON | Private | No | Multi-address buildings | | | | 70 | LDA |
| HERON HOUSE | FLAT 1 PELICAN ESTATE LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| | FLAT 2 14 EVAN COOK CLOSE LONDON | Private | No | Multi-address buildings | | | | 51 | LDA |
| LIME TREE HOUSE | FLAT 1 2 DUNDAS ROAD LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| WITCOMBE POINT | FLAT 10 YARNFIELD SQUARE LONDON | Private | No | Multi-address buildings | | | | 76 | LDA |
| TAYSIDE COURT | FLAT 1 BASINGDON WAY LONDON | Private | No | Multi-address buildings | | | | 78 | LDA |
| Leisure Centre | | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| PECKHAM LODGE HOTEL | PECKHAM ROAD, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| MARBELLA HOTEL | QUEENS ROAD, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| THE CHARTER SCHOOL | THE CHARTER SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| HERNE HILL SCHOOL | HERNE HILL SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| LYNDHURST PRIMARY SCHOOL | LYNDHURST PRIMARY SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| JAMES ALLENS GIRLS SCHOOL | JAMES ALLENS GIRLS SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| GABRIELA MISTRAL SATURDAY SCHOOL | GABRIELA MISTRAL SATURDAY SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| CAMBERWELL POLICE STATION, METROPOLITAN POLICE | WREN ROAD, LONDON | Other public | No | Police stations | | | | | LDA |
| MAUDSLEY HOSPITAL | | Other public | No | NHS | | | | | LDA |
| EAST DULWICH COMMUNITY HOSPITAL | EAST DULWICH GROVE, LONDON | Other public | No | NHS | | | | | LDA |
| The London Borough of Lewisham | Homeless Unit 17 Grove Park ,London | Central government | No | Central government estate | | | | | LDA |
| DULWICH HAMLET FOOTBALL CLUB LTD | DULWICH HAMLET FOOTBALL CLUB DOG KENNEL HILL | Private | No | Sport & Leisure facilities | | | | | |
| Total | | | | | | | 54,628 | | |

Area 5 East Dulwich

| Name | Address | Ownership | New dev. | Typology | Heating supply | Fuel source | Fuel consumption from all assets including CHP (MWh/year) | Number of Dwellings | Data source |
|--|--|------------------|----------|----------------------------|--------------------|-------------|---|---------------------|-------------|
| BARSET ESTATE | BARSET ESTATE, BARSET ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 7,711 | | Actual |
| Harris Girls Academy East Dulwich | Homestall Road | Local government | No | Local government estate | Individual boilers | Natural gas | 2,257 | | Actual |
| Fusion - Dulwich | 45 East Dulwich Road | Local government | No | Sport & Leisure facilities | Individual boilers | Natural gas | 2,070 | | Actual |
| PRIORY COURT BOILER HOUSE | PRIORY COURT BOILER HOUSE, CHELTENHAM ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 2,029 | | Actual |
| LOW EVENS HOUSE | LOW EVENS HOUSE, 188 UNDERHILL ROAD, FRIARS ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 868 | | Actual |
| Goodrich JMI School | Dunstans Road | Local government | No | Local government estate | Individual boilers | Natural gas | 857 | | Actual |
| Honor Oak Crematorium | Camberwell New Cemetery | Local government | No | Local government estate | Individual boilers | Natural gas | 785 | | Actual |
| Bredinghurst School | Stuart Road | Local government | No | Local government estate | Individual boilers | Natural gas | 703 | | Actual |
| Waverley Lower Secondary School | | Local government | No | Education facilities | lthw - gas fired | Natural gas | 614 | | LDA |
| St. Francesca Cabrini RC Primary School JMI & NC | Forest Hill Road | Local government | No | Local government estate | Individual boilers | Natural gas | 595 | | Actual |
| Heber School | Heber Road | Local government | No | Local government estate | Individual boilers | Natural gas | 570 | | Actual |
| Ivydale Junior School | Ivydale Road | Local government | No | Local government estate | Individual boilers | Natural gas | 506 | | Actual |
| Lordship Lane Social Services | | Local government | No | Local government estate | lthw - gas fired | Natural gas | 316 | | LDA |
| St. Anthony's RC Primary School | Etherow Street | Local government | No | Local government estate | Individual boilers | Natural gas | 262 | | Actual |
| Hollydale Primary School | Hollydale Road | Local government | No | Local government estate | Individual boilers | Natural gas | 224 | | Actual |
| Ivydale Road Social Services | | Local government | No | Local government estate | lthw - gas fired | Natural gas | 151 | | LDA |
| Waverley Upper Secondary School | | Local government | No | Education facilities | lthw - gas fired | Natural gas | 1 | | LDA |
| BROOKSTONE COURT | FLAT 1 PECKHAM RYE LONDON | Private | No | Multi-address buildings | | | | 65 | LDA |
| ROTHER HOUSE | FLAT 1 PECKHAM RYE LONDON | Private | No | Multi-address buildings | | | | 65 | LDA |
| AURA COURT | FLAT 1 163 PECKHAM RYE LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| FROME HOUSE | FLAT 1 PECKHAM RYE LONDON | Private | No | Multi-address buildings | | | | 65 | LDA |
| WAVERLEY LOWER SECONDARY SCHOOL | WAVERLEY LOWER SECONDARY SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| FIRST STEPS MONTESSORI NURSERY SCHOOL | FIRST STEPS MONTESSORI NURSERY SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| EAST DULWICH POLICE STATION, METROPOLITAN POLICE | LORDSHIP LANE, LONDON | Other public | No | Police stations | | | | | LDA |
| HABERDASHERS ASKES HATCHAM COLLEGE | HABERDASHER ASKES GROUND ST ASAPH ROAD | Private | No | Sport & Leisure facilities | | | | | |
| Total | | | | | | | 20,519 | | |

Area 6 Dulwich Village

| Name | Address | Ownership | New dev. | Typology | Heating supply | Fuel source | Fuel consumption from all assets including CHP (MWh/year) | Number of Dwellings | Data source |
|--------------------------------|--------------------------------------|------------------|----------|----------------------------|--------------------|-------------|---|---------------------|-------------|
| Goose Green Primary School | | Local government | No | Education facilities | lthw - gas fired | Natural gas | 561 | | LDA |
| Dulwich Hamlet School | Dulwich | Local government | No | Local government estate | Individual boilers | Natural gas | 467 | | Actual |
| Southwark Sports Park | LBS Sports Ground, Dulwich Common | Local government | No | Sport & Leisure facilities | Individual boilers | Natural gas | 419 | | Actual |
| Dulwich Library | 368 Lordship Lane | Local government | No | Local government estate | Individual boilers | Natural gas | 317 | | Actual |
| Dulwich Village Infants School | Dulwich Village | Local government | No | Local government estate | Individual boilers | Natural gas | 229 | | Actual |
| CAMPBELL COURT | FLAT 1 LORDSHIP LANE LONDON | Private | No | Multi-address buildings | | | | 72 | LDA |
| BEW COURT | FLAT 1 LORDSHIP LANE LONDON | Private | No | Multi-address buildings | | | | 62 | LDA |
| DULWICH RIDING SCHOOL | DULWICH RIDING SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| ALLEYNS SCHOOL | ALLEYNS SCHOOL | Unidentified | No | Education facilities | | | | | LDA |
| DULWICH PICTURE GALLERY | DULWICH PICTURE GALLERY COLLEGE ROAD | Private | No | Museums & Art Galleries | | | | | |
| GRAFTON DANCE CENTRE | GRAFTON HALL , 7 VILLAGE WAY | Private | No | Sport & Leisure facilities | | | | | |
| Total | | | | | | | 1,993 | | |

Area 7 Dulwich

| Name | Address | Ownership | New dev. | Typology | Heating supply | Fuel source | Fuel consumption from all assets including CHP (MWh/year) | Number of Dwellings | Data source |
|---|---|------------------|----------|----------------------------|--------------------|-------------|---|---------------------|-------------|
| SYDENHAM HILL ESTATE | SYDENHAM HILL ESTATE, LAPPS WOOD WALK | Local government | No | Local government estate | Central Boilers | Natural gas | 3,229 | | Actual |
| Kingsdale School | Alleyn Park | Local government | No | Local government estate | Individual boilers | Natural gas | 2,048 | | Actual |
| Langbourne School | Lyall Avenue | Local government | No | Local government estate | Individual boilers | Natural gas | 694 | | Actual |
| Langbourne Primary School | | Local government | No | Education facilities | lthw - gas fired | Natural gas | 691 | | LDA |
| Dulwich Wood Nursery School | Lyall Avenue | Local government | No | Local government estate | Individual boilers | Natural gas | 108 | | Actual |
| ATTLEBOROUGH COURT | FLAT 1 SYDENHAM HILL LONDON | Private | No | Multi-address buildings | | | | 57 | LDA |
| Gymnasium | | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| Streatham & Marlborough Cricket Club | Dulwich Common, London | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| IVOR SPENCER INTERNATIONAL SCHOOL FOR BUTLERS | IVOR SPENCER INTERNATIONAL SCHOOL FOR BUTLERS | Unidentified | No | Education facilities | | | | | LDA |
| DULWICH & SYDENHAM GOLF CLUB | DULWICH AND SYDENHAM HILL GOLF CLUB GRANGE LANE | Private | No | Sport & Leisure facilities | | | | | |
| Total | | | | | | | 6,770 | | |

Area 1 Canada Water

| Name | Address | Ownership | New dev. | Typology | Heating supply | Fuel source | Fuel consumption from all assets including CHP (MWh/year) | Number of Dwellings | Data source |
|-------------------------------------|--|------------------|----------|----------------------------|--------------------|-------------|---|---------------------|-------------|
| SURREY DOCKS | SURREY DOCKS, HOUSING AREA 1 (Tawny Way), ROTHERHITHE | Local government | No | Local government estate | Central Boilers | Natural gas | 9,539 | | Actual |
| TISSINGTON COURT | TISSINGTON COURT, SILVERLOCK ESTATE, WARNDEN STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 8,988 | | Actual |
| MAYDEW HOUSE | MAYDEW HOUSE, ABBEYFIELD ESTATE, ABBEYFIELD ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 5,013 | | Actual |
| PEDWORTH DEVELOPMENT | PEDWORTH DEVELOPMENT, RAYMOUTH ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 4,443 | | Actual |
| OSPREY HOUSE | OSPREY HOUSE, TAWNY WAY, LOWER ROAD, CAMBERWELL | Local government | No | Local government estate | Central Boilers | Natural gas | 3,612 | | Actual |
| SILWOOD 1 ESTATE | SILWOOD 1 ESTATE, 1-45 ST. HELENA ROAD, BERMONDSEY, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 559 | | Actual |
| MILLENDER WALK | MILLENDER WALK, SILVERLOCK ESTATE, SOUTHWARK | Local government | No | Local government estate | Central Boilers | Natural gas | 408 | | Actual |
| Surrey Docks Adventure Playground | Trident Street | Local government | No | Sport & Leisure facilities | Individual boilers | Natural gas | 401 | | Actual |
| Rotherhithe Primary School JMI & NC | Rotherhithe New Road | Local government | No | Local government estate | Individual boilers | Natural gas | 339 | | Actual |
| Fusion - Southwark Park | Hawkstone Road | Local government | No | Sport & Leisure facilities | Individual boilers | Natural gas | 178 | | Actual |
| Pedworth Boiler House | - | Local government | No | Multi-address buildings | | Oil | 1 | | LDA |
| Pedworth Boiler House | - | Local government | No | Multi-address buildings | | Oil | 1 | | LDA |
| BRADLEY HOUSE | FLAT 1 RAYMOUTH ROAD LONDON | Private | No | Multi-address buildings | | | | 77 | LDA |
| ADDY HOUSE | FLAT 1 ROTHERHITHE NEW ROAD LONDON | Private | No | Multi-address buildings | | | | 96 | LDA |
| JOHN KENNEDY HOUSE | FLAT 1 ROTHERHITHE OLD ROAD LONDON | Private | No | Multi-address buildings | | | | 96 | LDA |
| BRYDALE HOUSE | FLAT 1 ROTHERHITHE NEW ROAD LONDON | Private | No | Multi-address buildings | | | | 96 | LDA |
| Total | | | | | | | 33,483 | | |

Area 2 North Southwark

| Name | Address | Ownership | New dev. | Typology | Heating supply | Fuel source | Fuel consumption from all assets including CHP (MWh/year) | Number of Dwellings | Data source |
|--------------------------------|--|------------------|----------|---|--------------------|-------------|---|---------------------|-------------|
| Guy's Hospital | Great Maze Pond, London | Other public | No | NHS | Central Boilers | Natural gas | 50,634 | | Actual |
| Sea Containers House | 20 Upper Ground | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 5,969 | | Estimated |
| Bankside 1 (Blue Fin building) | 80-110 Southwark Street | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 5,962 | | Estimated |
| LDA (Palaestra) | 197 Blackfriars Road | Local government | No | Local government estate | Central Boilers | | 5,700 | | Estimated |
| TRAVEL INN CAPITAL LTD | 159 TOWER BRIDGE ROAD | Private | No | Hotels (> 99 units or 4,999 m2) | | | 5,229 | | Estimated |
| Metro Central Heights | Newington Causeway | Private | No | Private residential (> 149 units or 9,999 m2) | | | 5,017 | | Estimated |
| NOVOTEL UK LTD | 53 - 61 SOUTHWARK BRIDGE ROAD | Private | No | Hotels (> 99 units or 4,999 m2) | | | 4,856 | | Estimated |
| Sampson House | 64 Hopton Street | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 4,606 | | Estimated |
| MERCURE HOTEL | 75 - 79 SOUTHWARK STREET | Private | No | Hotels (> 99 units or 4,999 m2) | | | 3,842 | | Estimated |
| Peronet House | Princess Street London | Local government | No | Local government estate | | | 3,832 | | Estimated |
| LONDON BRIDGE HOTEL LIMITED | 8 - 18 LONDON BRIDGE STREET | Private | No | Hotels (> 99 units or 4,999 m2) | | | 3,682 | | Estimated |
| LSBU McLaren House | 1 St George's Circus, | Other public | No | Education facilities | Central Boilers | | 3,633 | | Estimated |
| H10 HOTEL | 284 - 302 WATERLOO ROAD | Private | No | Hotels (> 99 units or 4,999 m2) | | | 3,602 | | Estimated |
| Skipton House | 80 London Road | Private | No | Private commercial (> 9,999 m2) | | | 3,443 | | Estimated |
| MEAKIN ESTATE | MEAKIN ESTATE, CENTRAL BOILER HOUSE, DECIMA STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 3,348 | | Actual |
| King's Reach Tower | Stamford Street, Bankside, | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 3,267 | | Estimated |
| Bankside 3 | 80-110 Southwark Street | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 2,793 | | Estimated |
| IMPERIAL WAR MUSEUM | H M S BELFAST MORGANS LANE | Private | No | Museums & Art Galleries | Central Boilers | | 2,665 | | Estimated |
| SCOVELL ROAD ESTATE | SCOVELL ROAD ESTATE, SCOVELL ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 2,597 | | Actual |
| Bankside 2 | 80-110 Southwark Street | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 2,461 | | Estimated |
| Hilton London Tower Bridge | Tooley Street, 5 More London Place, London | Private | No | Hotels (> 99 units or 4,999 m2) | Central Boilers | Natural gas | 2,436 | 245 | Actual |
| Friars House | 157-168 Blackfriars Road | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 2,413 | | Estimated |
| LSBU London Road | 100-116 London Road, | Other public | No | Education facilities | Central Boilers | | 2,179 | | Estimated |
| Ludgate House | 245 Blackfriars Road | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 2,072 | | Estimated |
| GAYWOOD BOILER HOUSE | GAYWOOD BOILER HOUSE, GAYWOOD ESTATE, PRINCESS STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 2,016 | | Actual |
| REDMAN HOUSE | REDMAN HOUSE, REDMAN HOUSE CORNER, BOROUGH HIGH STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 2,009 | | Actual |
| OXO Wharf Tower | Bargehouse, 22 Barge House Street, | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 1,942 | | Estimated |
| Rennie Court | Upper Ground | Private | No | Private residential (> 149 units or 9,999 m2) | Central Boilers | | 1,930 | | Estimated |
| FALCON POINT | FALCON POINT, BANKSIDE, HOPTON STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,918 | | Actual |
| Rowland Hill House | Nelson Square | Private | No | Private residential (> 149 units or 9,999 m2) | Central Boilers | | 1,696 | | Estimated |
| KIPLING ESTATE | KIPLING ESTATE, BOILER HOUSE, GUY STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,560 | | Actual |
| LSBU David Bomberg House | 282-302 Borough High Street, | Other public | No | Education facilities | Central Boilers | | 1,544 | | Estimated |
| ALBERT BARNES HOUSE | ALBERT BARNES HOUSE, NEW KENT ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 1,504 | | Actual |
| Notre Dame RC Girls' School | 118 St George's Road | Local government | No | Local government estate | Individual boilers | Natural gas | 1,476 | | Actual |
| 230 Blackfriars Road | 230 Blackfriars Road, London | Private | No | Private commercial (> 9,999 m2) | Central Boilers | | 1,452 | | Estimated |

Area 2 North Southwark, 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 |
|---|---|------------------|----------|-------------------------|--------------------|--------------|---|---------------------|-------------|
| COOPERS CLOSE CO-OPERATIVE | COOPERS CLOSE CO-OPERATIVE, 64 COOPERS CLOSE | Local government | No | Local government estate | Central Boilers | Natural gas | 1,328 | | Actual |
| LSE Bankside House | 24, Sumner Street | Other public | No | Education facilities | Individual boilers | Natural gas | 1,278 | | Actual |
| SMEATON COURT | SMEATON COURT, 50 ROCKINGHAM ESTATE | Local government | No | Local government estate | Central Boilers | Natural gas | 1,166 | | Actual |
| HADDON HALL ESTATE | HADDON HALL ESTATE, REPHIDIM STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,141 | | Actual |
| HELEN GLADSTONE HOUSE | HELEN GLADSTONE HOUSE, SURREY ROW | Local government | No | Local government estate | Central Boilers | Natural gas | 1,122 | | Actual |
| LSE Butlers Wharf Residences | 11 Gainsford Street | Other public | No | Education facilities | Individual boilers | Natural gas | 1,118 | | Actual |
| CARDINAL BOURNE BOILER ROOM | CARDINAL BOURNE BOILER ROOM, CARDINAL BOURNE STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,096 | | Actual |
| LUCY BROWN BOILER HOUSE | LUCY BROWN BOILER HOUSE, 27 PARK STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,039 | | Actual |
| LSBU Borough Road Building | 103 Borough Road | Other public | No | Education facilities | Central Boilers | | 1,001 | | Estimated |
| 160 Tooley Street | 160 Tooley Street | Local government | No | Local government estate | Individual boilers | Mixed source | 974 | | Actual |
| LSBU Tower Block | 103 Borough Road | Other public | No | Education facilities | Central Boilers | | 965 | | Estimated |
| St. Saviours & St. Olaves School | New Kent Road | Local government | No | Local government estate | Individual boilers | Natural gas | 934 | | Actual |
| STYLES HOUSE | STYLES HOUSE, THE CUT | Local government | No | Local government estate | Central Boilers | Natural gas | 909 | | Actual |
| LSBU Technopark | 90 London Road, | Other public | No | Education facilities | Central Boilers | | 645 | | Estimated |
| LSBU Keyworth House | Keyworth Street, | Other public | No | Education facilities | Central Boilers | | 609 | | Estimated |
| LANCASTER/TADWORTH HOUSE | LANCASTER/TADWORTH HOUSE, WEBBER STREET, BLACKFRIARS ROAD, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 485 | | Actual |
| Tower Bridge | | Other public | No | Other public buildings | Gas | Natural gas | 452 | | LDA |
| LSBU Perry Library | 250 Southwark Bridge Road, | Other public | No | Education facilities | Central Boilers | | 446 | | Estimated |
| LSBU Erlang House | 128 Blackfriars Road, | Other public | No | Education facilities | Central Boilers | | 389 | | Estimated |
| LSBU Extension Block | 103 Borough Road | Other public | No | Education facilities | Central Boilers | | 377 | | Estimated |
| Globe Academy (formerly Joseph Lancaster School) | Harper Road | Local government | No | Local government estate | Individual boilers | Natural gas | 375 | | Actual |
| Charles Dickens Primary | Lant Street | Local government | No | Local government estate | Individual boilers | Natural gas | 364 | | Actual |
| St Josephs RC Infant & Junior School | | Local government | No | Education facilities | lthw - gas fired | Natural gas | 360 | | LDA |
| Tower Bridge Primary School | Fair Street | Local government | No | Local government estate | Individual boilers | Natural gas | 346 | | Actual |
| TATSFIELD HOUSE | TATSFIELD HOUSE, PARDONER STREET, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 343 | | Actual |
| LSBU Eileen House | 80-94 Newington Causeway | Other public | No | Education facilities | Central Boilers | | 340 | | Estimated |
| Friars School | Webber Street | Local government | No | Local government estate | Individual boilers | Natural gas | 324 | | Actual |
| Snowsfield Primary School JMI & NC | Kirby Grove | Local government | No | Local government estate | Individual boilers | Natural gas | 317 | | Actual |
| DOCKHEAD FIRE STATION | 8 WOLSELEY STREET | Other public | No | Fire stations | Individual boilers | Natural gas | 312 | | LDA |
| LSBU J Block | 103 Borough Road | Other public | No | Education facilities | Central Boilers | | 278 | | Estimated |
| LSBU Faraday Wing | Keyworth Street, | Other public | No | Education facilities | Central Boilers | | 263 | | Estimated |
| St. Joseph's Primary School | 148a Borough High Street | Local government | No | Local government estate | Individual boilers | Natural gas | 244 | | Actual |
| LSBU LRC | 105 Borough Road, | Other public | No | Education facilities | Central Boilers | | 238 | | Estimated |
| LSBU Pocock House | 235 Southwark Bridge Road, | Other public | No | Education facilities | Central Boilers | | 210 | | Estimated |
| St. Michaels RC School | John Felton Road | Local government | No | Local government estate | Individual boilers | Natural gas | 209 | | Actual |
| Harper Road Social Services | | Local government | No | Local government estate | lthw - gas fired | Natural gas | 173 | | LDA |
| Beormund School | Crosby Row | Local government | No | Local government estate | Individual boilers | Natural gas | 169 | | Actual |
| The Cathedral School of St. Saviour & St. Mary Overie | Redcross Way | Local government | No | Local government estate | Individual boilers | Natural gas | 153 | | Actual |
| St. Jude's CE Primary School | Colnbrook Street | Local government | No | Local government estate | Individual boilers | Natural gas | 137 | | Actual |
| St. George's Cathedral (0430) RC Primary School | 33 Westminster Bridge Road | Local government | No | Local government estate | Individual boilers | Natural gas | 132 | | Actual |

Area 2 North Southwark, 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 |
|-------------------------------------|--|--------------------|----------|---------------------------|--------------------|-------------|---|---------------------|-------------|
| Geoffrey Chaucer School | Harper Road | Local government | No | Local government estate | Individual boilers | Natural gas | 108 | | Actual |
| LSBU Caxton House | 13-16 Borough Road, | Other public | No | Education facilities | Central Boilers | | 95 | | Estimated |
| LSBU M Block | 103 Borough Road | Other public | No | Education facilities | Central Boilers | | 82 | | Estimated |
| LSBU Nursery | 12 Borough Road, | Other public | No | Education facilities | Central Boilers | | 78 | | Estimated |
| LSBU Rotary House | Rotary Street | Other public | No | Education facilities | Central Boilers | | 68 | | Estimated |
| DEPARTMENT OF HEALTH | 80 LONDON ROAD | Central government | No | Central government estate | | Oil | 40 | | LDA |
| Redmon House, Redmon House Corner | - | Local government | No | Multi-address buildings | | Oil | 2 | | LDA |
| Redmon House, Redmon House Corner | - | Local government | No | Multi-address buildings | | Oil | 2 | | LDA |
| BRITISH LIBRARY | 197 BLACKFRIARS ROAD | Other public | No | Local government estate | | Oil | 2 | | LDA |
| Southwark Fire Station Fire Station | 94 Southwark Bridge Road | Other public | No | Fire stations | | Oil | 1 | | LDA |
| UNION STREET OFFICES | 169 UNION STREET | Other public | No | Other public buildings | Individual boilers | Natural gas | 1 | | LDA |
| SIMLA HOUSE | FLAT 1 KIPLING ESTATE LONDON | Private | No | Multi-address buildings | | | | 79 | LDA |
| PAKEMAN HOUSE | FLAT 1 POCOCK STREET LONDON | Private | No | Multi-address buildings | | | | 56 | LDA |
| | 23 TOWER BRIDGE ROAD MALTINGS PLACE LONDON | Private | No | Multi-address buildings | | | | 63 | LDA |
| GEOFFREY HOUSE | FLAT 1 PARDONER STREET LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| SCOTTS SUFFERANCE WHARF | FLAT 1 5 MILL STREET LONDON | Private | No | Multi-address buildings | | | | 93 | LDA |
| | 24 MILL STREET NEW CONCORDIA WHARF LONDON | Private | No | Multi-address buildings | | | | 66 | LDA |
| | 1 DRUID STREET ST. OLAVES ESTATE LONDON | Private | No | Multi-address buildings | | | | 61 | LDA |
| | FLAT 1 165 GREAT DOVER STREET LONDON | Private | No | Multi-address buildings | | | | 118 | LDA |
| PALLANT HOUSE | FLAT 1 TABARD STREET LONDON | Private | No | Multi-address buildings | | | | 57 | LDA |
| ROWLAND HILL HOUSE | FLAT 100 NELSON SQUARE LONDON | Private | No | Multi-address buildings | | | | 107 | LDA |
| VOGANS MILL WHARF | FLAT 5 17 MILL STREET LONDON | Private | No | Multi-address buildings | | | | 67 | LDA |
| GINGER APARTMENTS | FLAT 101 1 CAYENNE COURT LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| | 1 EMPIRE SQUARE EMPIRE SQUARE EAST LONDON | Private | No | Multi-address buildings | | | | 89 | LDA |
| 1 VESTA COURT | CITY WALK LONDON | Private | No | Multi-address buildings | | | | 60 | LDA |
| | BASEMENT FLAT 160 SOUTHWARK BRIDGE ROAD LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| 1 ANTONINE HEIGHTS | CITY WALK LONDON | Private | No | Multi-address buildings | | | | 101 | LDA |
| BRAMWELL HOUSE | FLAT 100 HARPER ROAD LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| BANKSIDE LOFTS | FLAT 109 65 HOPTON STREET LONDON | Private | No | Multi-address buildings | | | | 128 | LDA |
| AXIS COURT | FLAT 1 2 EAST LANE LONDON | Private | No | Multi-address buildings | | | | 59 | LDA |
| CINNAMON WHARF | FLAT 101 24 SHAD THAMES LONDON | Private | No | Multi-address buildings | | | | 66 | LDA |
| TEA TRADE WHARF | APARTMENT 1 26 SHAD THAMES LONDON | Private | No | Multi-address buildings | | | | 75 | LDA |
| | 1 PROVIDENCE SQUARE LONDON | Private | No | Multi-address buildings | | | | 53 | LDA |
| BOSS HOUSE | FLAT 1 2 BOSS STREET LONDON | Private | No | Multi-address buildings | | | | 109 | LDA |
| VAUGHAN HOUSE | FLAT 1 NELSON SQUARE LONDON | Private | No | Multi-address buildings | | | | 53 | LDA |
| | FLAT 6 54 LANT STREET LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| | 100 ROTHSAY STREET MEAKIN ESTATE LONDON | Private | No | Multi-address buildings | | | | 65 | LDA |
| BOUGHTON HOUSE | FLAT 1 TENNIS STREET LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| | FLAT 35 12 BERMONDSEY SQUARE LONDON | Private | No | Multi-address buildings | | | | 76 | LDA |
| | 1 BITTERN STREET LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| ANCHOR BREWHOUSE | FLAT 1 50 SHAD THAMES LONDON | Private | No | Multi-address buildings | | | | 63 | LDA |
| | 10 MILROY WALK LONDON | Private | No | Multi-address buildings | | | | 108 | LDA |
| CARAWAY APARTMENTS | FLAT 109 2 CAYENNE COURT LONDON | Private | No | Multi-address buildings | | | | 90 | LDA |
| | 81 BUTLERS & COLONIAL WHARF LONDON | Private | No | Multi-address buildings | | | | 69 | LDA |
| | 1 EMPIRE SQUARE EMPIRE SQUARE SOUTH LONDON | Private | No | Multi-address buildings | | | | 158 | LDA |
| EAGLE WHARF COURT | FLAT 1 LAFONE STREET LONDON | Private | No | Multi-address buildings | | | | 59 | LDA |
| VANILLA & SESAME COURT | FLAT 1 CURLEW STREET LONDON | Private | No | Multi-address buildings | | | | 125 | LDA |
| NORTHFLEET HOUSE | FLAT 1 TABARD GARDEN ESTATE LONDON | Private | No | Multi-address buildings | | | | 60 | LDA |
| SMEATON COURT | FLAT 1 50 ROCKINGHAM STREET LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| METRO CENTRAL HEIGHTS | APARTMENT 1 119 NEWINGTON CAUSEWAY LONDON | Private | No | Multi-address buildings | | | | 421 | LDA |
| LONGRIDGE HOUSE | FLAT 1 FALMOUTH ROAD LONDON | Private | No | Multi-address buildings | | | | 86 | LDA |
| APPLEGARTH HOUSE | FLAT 157 NELSON SQUARE LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| THE CIRCLE | UNIT 19 QUEEN ELIZABETH STREET LONDON | Private | No | Multi-address buildings | | | | 154 | LDA |
| TAMARIND COURT | FLAT 1 18 GAINSFORD STREET LONDON | Private | No | Multi-address buildings | | | | 67 | LDA |
| STOPHER HOUSE | FLAT 1 90 WEBBER STREET LONDON | Private | No | Multi-address buildings | | | | 60 | LDA |
| 1 HESTIA HOUSE | CITY WALK LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |

Area 2 North Southwark, 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 |
|--|---|--------------|----------|---------------------------------|----------------|-------------|---|---------------------|-------------|
| PATTISON HOUSE | FLAT 1 REDCROSS WAY LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| | FLAT 4 91 GREAT SUFFOLK STREET LONDON | Private | No | Multi-address buildings | | | | 101 | LDA |
| SPICE QUAY HEIGHTS | FLAT 409 32 SHAD THAMES LONDON | Private | No | Multi-address buildings | | | | 93 | LDA |
| BENBOW HOUSE | APARTMENT 5 24 NEW GLOBE WALK LONDON | Private | No | Multi-address buildings | | | | 71 | LDA |
| SIDNEY WEBB HOUSE | FLAT 101 159 GREAT DOVER STREET LONDON | Private | No | Multi-address buildings | | | | 75 | LDA |
| RIVER COURT | FLAT 57 UPPER GROUND LONDON | Private | No | Multi-address buildings | | | | 87 | LDA |
| BURWASH HOUSE | FLAT 39 KIPLING ESTATE LONDON | Private | No | Multi-address buildings | | | | 78 | LDA |
| COLLINSON COURT | FLAT 1 GREAT SUFFOLK STREET LONDON | Private | No | Multi-address buildings | | | | 72 | LDA |
| | FLAT 1 7 SHAD THAMES LONDON | Private | No | Multi-address buildings | | | | 59 | LDA |
| METRO CENTRAL HEIGHTS | APARTMENT 414 119 NEWINGTON CAUSEWAY LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| MARTIN HOUSE | FLAT 1 FALMOUTH ROAD LONDON | Private | No | Multi-address buildings | | | | 54 | LDA |
| | FLAT 1 197 LONG LANE LONDON | Private | No | Multi-address buildings | | | | 83 | LDA |
| EASTWELL HOUSE | FLAT 1 WESTON STREET LONDON | Private | No | Multi-address buildings | | | | 75 | LDA |
| BUTLERS WHARF BUILDING | FLAT 204 36 SHAD THAMES LONDON | Private | No | Multi-address buildings | | | | 73 | LDA |
| ST. SAVIOURS WHARF | FLAT 1 25 MILL STREET LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| PROSPECT HOUSE | FLAT 1 GAYWOOD STREET LONDON | Private | No | Multi-address buildings | | | | 63 | LDA |
| BLOCK C | FLAT 1 27 GREEN WALK LONDON | Private | No | Multi-address buildings | | | | 59 | LDA |
| | 19 ROTHSAY STREET LONDON | Private | No | Multi-address buildings | | | | 91 | LDA |
| SYMINGTON HOUSE | FLAT 1 DEVERELL STREET LONDON | Private | No | Multi-address buildings | | | | 105 | LDA |
| LONGSTONE COURT | FLAT 27 22 GREAT DOVER STREET LONDON | Private | No | Multi-address buildings | | | | 78 | LDA |
| | 48 PROVIDENCE SQUARE LONDON | Private | No | Multi-address buildings | | | | 73 | LDA |
| BRAMWELL HOUSE | FLAT 101 HARPER ROAD LONDON | Private | No | Multi-address buildings | | | | 55 | LDA |
| BALIN HOUSE | FLAT 36 LONG LANE LONDON | Private | No | Multi-address buildings | | | | 70 | LDA |
| RIVER VIEW HEIGHTS | FLAT 1A 27 BERMONDSEY WALL WEST LONDON | Private | No | Multi-address buildings | | | | 65 | LDA |
| | 1 EMPIRE SQUARE EMPIRE SQUARE WEST LONDON | Private | No | Multi-address buildings | | | | 271 | LDA |
| STEPHENSON HOUSE | FLAT 1 BATH TERRACE LONDON | Private | No | Multi-address buildings | | | | 80 | LDA |
| ORCHARD LISLE HOUSE | FLAT 19 TALBOT YARD LONDON | Private | No | Multi-address buildings | | | | 64 | LDA |
| WICKSTEED HOUSE | FLAT 61 COUNTY STREET LONDON | Private | No | Multi-address buildings | | | | 89 | LDA |
| ARROL HOUSE | FLAT 1 ROCKINGHAM STREET LONDON | Private | No | Multi-address buildings | | | | 85 | LDA |
| PILGRIM HOUSE | FLAT 1 TABARD STREET LONDON | Private | No | Multi-address buildings | | | | 62 | LDA |
| BECKETT HOUSE | FLAT 1 TABARD STREET LONDON | Private | No | Multi-address buildings | | | | 90 | LDA |
| WHITWORTH HOUSE | FLAT 100 FALMOUTH ROAD LONDON | Private | No | Multi-address buildings | | | | 105 | LDA |
| | 136 SOUTHWARK BRIDGE ROAD LONDON | Private | No | Multi-address buildings | | | | 71 | LDA |
| DRAKE COURT | FLAT 12 12 SWAN STREET LONDON | Private | No | Multi-address buildings | | | | 89 | LDA |
| Cityboxer.Com | 70, Ewer Street, London | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| Fitness for Everybody Ltd | Unit 1 108, Weston Street, London | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| Fusion | Unit 5 Lloyds Wharf, Mill Street, London | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| Soho Gyms | Empire Square West, Empire Square, London | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| THE MAD HATTER HOTEL | STAMFORD STREET, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| ELEPHANT & CASTLE HOTEL | NEWINGTON CAUSEWAY, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| LONDON CITY HOTEL | BOROUGH HIGH STREET, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| SUPRANATIONAL HOTELS LTD | SHAD THAMES, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| Kings College London | 18-20, Newcomen Street, London | Private | No | Education facilities | | | | | LDA |
| University of London | United Medical & Dental School, Dept Of Psychiatry, Guys Hospital London Bridge, London | Private | No | Education facilities | | | | | LDA |
| ST. OLAVES & ST. SAVIOURS SCHOOLS FOUNDATION | ST. OLAVES & ST. SAVIOURS SCHOOLS FOUNDATION | Unidentified | No | Education facilities | | | | | LDA |
| HEALTHIER SCHOOL PARTNERSHIP | HEALTHIER SCHOOL PARTNERSHIP | Unidentified | No | Education facilities | | | | | LDA |
| SHAKESPEARE SCHOOLS FESTIVAL | SHAKESPEARE SCHOOLS FESTIVAL | Unidentified | No | Education facilities | | | | | LDA |
| ST. JOSEPHS RC INFANT & JUNIOR SCHOOL | ST. JOSEPHS RC INFANT & JUNIOR SCHOOL | Unidentified | No | Education facilities | | | | | LDA |

Area 2 North Southwark, 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 |
|--|--------------------------------|--------------|----------|-----------------|----------------|-------------|---|---------------------|-------------|
| SOUTHWARK POLICE STATION, METROPOLITAN POLICE | BOROUGH HIGH STREET, LONDON | Other public | No | Police stations | | | | | LDA |
| TOWER BRIDGE POLICE STATION, METROPOLITAN POLICE SERVICE | QUEEN ELIZABETH STREET, LONDON | Other public | No | Police stations | | | | | LDA |
| LONDON BRIDGE HOSPITAL | TOOLEY STREET, LONDON | Other public | No | NHS | | | | | LDA |
| GUYS HOSPITAL | GREAT MAZE POND, LONDON | Other public | No | NHS | | | | | LDA |
| Total | | | | | | | 178,526 | | |

Area 3 Peckham

| Name | Address | Ownership | New dev. | Typology | Heating supply | Fuel source | Fuel consumption from all assets including CHP (MWh/year) | Number of Dwellings | Data source |
|---------------------------------------|--|------------------|----------|---------------------------------|--------------------|-------------|---|---------------------|-------------|
| BRIM POMEROY | BRIM POMEROY, CULMORE ROAD, NEW CROSS | Local government | No | Local government estate | Central Boilers | Natural gas | 12,987 | | Actual |
| ACORN ESTATE | ACORN ESTATE, HOLLYDENE, CARLTON GROVE | Local government | No | Local government estate | Central Boilers | Natural gas | 12,204 | | Actual |
| COSSAL ESTATE | COSSAL ESTATE, COSSAL ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 10,081 | | Actual |
| LEONTINE CLOSE | LEONTINE CLOSE, BELLS GARDEN ESTATE | Local government | No | Local government estate | Central Boilers | Natural gas | 5,102 | | Actual |
| NEVILLE CLOSE | NEVILLE CLOSE, BELLS GARDEN ESTATE | Local government | No | Local government estate | Central Boilers | Natural gas | 4,574 | | Actual |
| Fusion - Peckham Pulse | 10 Melon Road | Local government | No | Sport & Leisure facilities | Individual boilers | Natural gas | 2,527 | | Actual |
| BELL GARDEN ESTATE | BELL GARDEN ESTATE, HASTINGS CLOSE | Local government | No | Local government estate | Central Boilers | Natural gas | 1,570 | | Actual |
| Queens Road Day Centre | 133-137 Queens Road | Local government | No | Local government estate | Individual boilers | Natural gas | 780 | | Actual |
| Queens Road Social Services | | Local government | No | Local government estate | lthw - gas fired | Natural gas | 726 | | LDA |
| Peckham Park School | Marmont Road | Local government | No | Local government estate | Individual boilers | Natural gas | 680 | | Actual |
| Sumner House | Sumner Road | Local government | No | Local government estate | Individual boilers | Natural gas | 600 | | Actual |
| Peckham Library | Peckham Library, 122 Peckham Hill Street | Local government | No | Local government estate | Individual boilers | Natural gas | 462 | | Actual |
| Tuke School | 4 Woods Road | Local government | No | Local government estate | Individual boilers | Natural gas | 368 | | Actual |
| Peckham Library & Media Centre | | Local government | No | Local government estate | lthw - gas fired | Natural gas | 296 | | LDA |
| St. James the Great RC Primary School | Peckham Road | Local government | No | Local government estate | Individual boilers | Natural gas | 280 | | Actual |
| CLIFTON ESTATE | CLIFTON ESTATE, CONSORT ROAD, SOUTHWARK | Local government | No | Local government estate | Central Boilers | Natural gas | 230 | | Actual |
| Nell Gwynn Nursery School | Meeting House Lane | Local government | No | Local government estate | Individual boilers | Natural gas | 146 | | Actual |
| John Donne Primary School | Woods Road | Local government | No | Local government estate | Individual boilers | Natural gas | 33 | | Actual |
| Cossall Boiler House | - | Local government | No | Multi-address buildings | | Oil | 2 | | LDA* |
| Cossall Boiler House | - | Local government | No | Multi-address buildings | | Oil | 2 | | LDA* |
| Cossall Boiler House | - | Local government | No | Multi-address buildings | | Oil | 2 | | LDA* |
| EDWIN HOUSE | FLAT 1 WENTWORTH CRESCENT LONDON | Private | No | Multi-address buildings | | | | 66 | LDA |
| | 1 HASTINGS CLOSE LONDON | Private | No | Multi-address buildings | | | | 58 | LDA |
| WAKEFIELD HOUSE | FLAT 1 GOLDSMITH ROAD LONDON | Private | No | Multi-address buildings | | | | 91 | LDA |
| GAUMONT HOUSE | FLAT 8 93 MARMONT ROAD LONDON | Private | No | Multi-address buildings | | | | 61 | LDA |
| | FLAT 30B 81 HANOVER PARK LONDON | Private | No | Multi-address buildings | | | | 154 | LDA |
| | FLAT 16 9 EVAN COOK CLOSE LONDON | Private | No | Multi-address buildings | | | | 57 | LDA |
| | FLAT 2 14 EVAN COOK CLOSE LONDON | Private | No | Multi-address buildings | | | | 51 | LDA |
| WITCOMBE POINT Leisure Centre | FLAT 10 YARNFIELD SQUARE LONDON | Private | No | Multi-address buildings | | | | 76 | LDA |
| MARBELLA HOTEL | QUEENS ROAD, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| Total | | | | | | | 53,651 | | |

* Validity unclear

Area 4 Southampton Way

| Name | Address | Ownership | New dev. | Typology | Heating supply | Fuel source | Fuel consumption from all assets including CHP (MWh/year) | Number of Dwellings | Data source |
|---------------------------------|---|------------------|----------|---------------------------------|--------------------|-------------|---|---------------------|-------------|
| SCEAUX GARDENS ESTATE | SCEAUX GARDENS ESTATE, FONTRIELLE HOUSE, DALWOOD STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 9,961 | | Actual |
| HAVIL STREET BOILER HOUSE | HAVIL STREET BOILER HOUSE, SEDGEMOOR PLACE DEVELOPMENT | Local government | No | Local government estate | Central Boilers | Natural gas | 5,855 | | Actual |
| PELICAN ESTATE | PELICAN ESTATE, HERON/CRANE HOUSES, GRUMMAND ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 3,863 | | Actual |
| STANSWOOD BOILER HOUSE | STANSWOOD BOILER HOUSE, SEDGEMOOR PLACE DEVELOPMENT | Local government | No | Local government estate | Central Boilers | Natural gas | 1,542 | | Actual |
| Peckham Town Hall | 31 Peckham Road | Local government | No | Local government estate | Individual boilers | Natural gas | 1,174 | | Actual |
| Osprey Boiler House | - | Local government | No | Multi-address buildings | | Oil | 835 | | LDA |
| Osprey Boiler House | - | Local government | No | Multi-address buildings | | Oil | 835 | | LDA |
| Osprey Boiler House | - | Local government | No | Multi-address buildings | | Oil | 835 | | LDA |
| Oliver Goldsmith J & I School | Peckham Road | Local government | No | Local government estate | Individual boilers | Natural gas | 612 | | Actual |
| Oliver Goldsmith Primary School | | Local government | No | Education facilities | lthw - gas fired | Natural gas | 493 | | LDA |
| PECKHAM FIRE STATION | 78-80 PECKHAM ROAD | Other public | No | Fire stations | Individual boilers | Natural gas | 400 | | LDA |
| South House | 34 Peckham Road | Local government | No | Local government estate | Individual boilers | Natural gas | 366 | | Actual |
| Talfourd Place Social Services | | Local government | No | Local government estate | lthw - gas fired | Natural gas | 129 | | LDA |
| WARWICK PARK SCHOOL | 122 PECKHAM ROAD | Local government | No | Education facilities | | Oil | 2 | | LDA |
| | 1 MARCHWOOD CLOSE LONDON | Private | No | Multi-address buildings | | | | 62 | LDA |
| | 1 REDBRIDGE GARDENS LONDON | Private | No | Multi-address buildings | | | | 62 | LDA |
| CRANE HOUSE | FLAT 1 PELICAN ESTATE LONDON | Private | No | Multi-address buildings | | | | 70 | LDA |
| HERON HOUSE | FLAT 1 PELICAN ESTATE LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| ST. GILES HOUSE | FLAT 51 ST. GILES ROAD LONDON | Private | No | Multi-address buildings | | | | 64 | LDA |
| PECKHAM LODGE HOTEL | PECKHAM ROAD, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| SOUTH LONDON GALLERY | ART GALLERY PECKHAM ROAD | Private | No | Museums & Art Galleries | | | | | |
| Total | | | | | | | 26,902 | | |

Area 5 Camberwell

| Name | Address | Ownership | New dev. | Typology | Heating supply | Fuel source | Fuel consumption from all assets including CHP (MWh/year) | Number of Dwellings | Data source |
|--|--|------------------|----------|---------------------------------|--------------------|-------------|---|---------------------|-------------|
| WYNDHAM ESTATE | WYNDHAM ESTATE, CAMBERWELL NEW ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 41,330 | | Actual |
| D'EYNSFORD ROAD | D'EYNSFORD ROAD, VICARAGE GROVE | Local government | No | Local government estate | Central Boilers | Natural gas | 10,067 | | Actual |
| CASTLEMEAD ESTATE | CASTLEMEAD ESTATE, CAMBERWELL ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 5,019 | | Actual |
| OWGAN B BOILER HOUSE | OWGAN B BOILER HOUSE, OWGAN CLOSE, ELMINGTON ESTATE | Local government | No | Local government estate | Central Boilers | Natural gas | 2,893 | | Actual |
| Fusion - Camberwell | Artichoke Place | Local government | No | Sport & Leisure facilities | Individual boilers | Natural gas | 2,195 | | Actual |
| St Micheal & All Angels (formerly archbishop michael ramsay) | Farmers Road | Local government | No | Local government estate | Individual boilers | Natural gas | 1,546 | | Actual |
| LIVINGSTONE BOILER HOUSE | LIVINGSTONE BOILER HOUSE, 2 COMBER ESTATE, CROWN STREET, WHYNDHAM ROAD, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 1,446 | | Actual |
| D'Eynsford Boiler Room | - | Local government | No | Multi-address buildings | | Oil | 893 | | LDA |
| GILESMEAD | GILESMEAD, BENHILL ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 822 | | Actual |
| Crawford School | Crawford Road | Local government | No | Local government estate | Individual boilers | Natural gas | 736 | | Actual |
| Sacred Heart RC School | Camberwell New Road | Local government | No | Local government estate | Individual boilers | Natural gas | 589 | | Actual |
| Comber Grove Primary School | Comber Grove | Local government | No | Local government estate | Individual boilers | Natural gas | 388 | | Actual |
| St. Joseph's R.C Primary School - Pitman | Pitman Street | Local government | No | Local government estate | Individual boilers | Natural gas | 245 | | Actual |
| HODISTER CLOSE | HODISTER CLOSE, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 82 | | Actual |
| Camberwell Library | 17-21 Camberwell Church Street | Local government | No | Local government estate | Individual boilers | Natural gas | 49 | | Actual |
| D'Eynsford Boiler Room | - | Local government | No | Multi-address buildings | | Oil | 4 | | LDA |
| D'Eynsford Boiler Room | - | Local government | No | Multi-address buildings | | Oil | 4 | | LDA |
| FAIRWALL HOUSE | FLAT 1 PECKHAM ROAD LONDON | Private | No | Multi-address buildings | | | | 59 | LDA |
| LONGLEIGH HOUSE | FLAT 28 PECKHAM ROAD LONDON | Private | No | Multi-address buildings | | | | 55 | LDA |
| MASTERMAN HOUSE | FLAT 1 ELMINGTON ESTATE LONDON | Private | No | Multi-address buildings | | | | 67 | LDA |
| CONISTON HOUSE | FLAT 1 WYNDHAM ROAD LONDON | Private | No | Multi-address buildings | | | | 82 | LDA |
| | 102 LOMOND GROVE LONDON | Private | No | Multi-address buildings | | | | 106 | LDA |
| GWEN MORRIS HOUSE | FLAT 5 WYNDHAM ROAD LONDON | Private | No | Multi-address buildings | | | | 56 | LDA |
| OTTERBURN HOUSE | FLAT 1 SULTAN STREET LONDON | Private | No | Multi-address buildings | | | | 81 | LDA |
| COMBER HOUSE | FLAT 1 COMBER GROVE LONDON | Private | No | Multi-address buildings | | | | 96 | LDA |
| BENTLEY HOUSE | FLAT 1 PECKHAM ROAD LONDON | Private | No | Multi-address buildings | | | | 89 | LDA |
| CROSSMOUNT HOUSE | FLAT 1 BOWYER STREET LONDON | Private | No | Multi-address buildings | | | | 82 | LDA |
| CAMERON HOUSE | FLAT 1 COMBER GROVE LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| KEVAN HOUSE | FLAT 1 WYNDHAM ROAD LONDON | Private | No | Multi-address buildings | | | | 82 | LDA |
| LAIRD HOUSE | FLAT 1 REDCAR STREET LONDON | Private | No | Multi-address buildings | | | | 82 | LDA |
| Camberwell Leisure Centre | Flat 1 Artichoke Mews, Artichoke Place, London | Unidentified | No | Sport & Leisure facilities | | | | | LDA |
| MARBELLA HOTEL | CAMBERWELL CHURCH STREET, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| THE NEW DOME HOTEL | CAMBERWELL CHURCH STREET, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| PASHA HOTEL | CAMBERWELL ROAD, LONDON | Private | No | Hotels (> 99 units or 4,999 m2) | | | | | LDA |
| CAMBERWELL AFTER SCHOOL PROJECT | CAMBERWELL AFTER SCHOOL PROJECT | Unidentified | No | Education facilities | | | | | LDA |
| CAMBERWELL POLICE STATION, METROPOLITAN POLICE | WREN ROAD, LONDON | Other public | No | Police stations | | | | | LDA |
| MAUDSLEY HOSPITAL | | Other public | No | NHS | | | | | LDA |
| Artist Studio Co Ltd | 301 Camberwell New Road, London | Private | No | Museum and art gallery | | | | | LDA |
| Total | | | | | | | 68,307 | | |

Area 6 Surrey Gardens

| Name | Address | Ownership | New dev. | Typology | Heating supply | Fuel source | Fuel consumption from all assets including CHP (MWh/year) | Number of Dwellings | Data source |
|-------------------------------------|---|------------------|----------|----------------------------|--------------------|-------------|---|---------------------|-------------|
| BRANDON ESTATE ROYAL ROAD | BRANDON ESTATE ROYAL ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 17,043 | | Actual |
| NEWINGTON DEVELOPMENT | NEWINGTON DEVELOPMENT, STEADMAN STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 10,593 | | Actual |
| PASLEY ROAD ESTATE | PASLEY ROAD ESTATE, PASLEY CLOSE | Local government | No | Local government estate | Central Boilers | Natural gas | 4,083 | | Actual |
| DIGHTON COURT | DIGHTON COURT, JOHN RUSKIN STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,881 | | Actual |
| CONANT HOUSE | CONANT HOUSE, ST AGNUS PLACE | Local government | No | Local government estate | Central Boilers | Natural gas | 1,816 | | Actual |
| HILLINGDON BOILER HOUSE | HILLINGDON BOILER HOUSE, HILLINGDON STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,512 | | Actual |
| SLADE WALK CENTRAL BOILER HOUSE | SLADE WALK CENTRAL BOILER HOUSE, HEIRON/HILLINGDON STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,292 | | Actual |
| ALBERTA WESTCOTT HOUSE | ALBERTA WESTCOTT HOUSE, ALBERTA STREET | Local government | No | Local government estate | Central Boilers | Natural gas | 1,139 | | Actual |
| Manor Place Baths & Depot | Manor Place Depot, 30-34 Penrose St, Occupation Rd | Local government | No | Local government estate | Individual boilers | Natural gas | 1,056 | | Actual |
| KING CHARLES COURT | KING CHARLES COURT, 30 ROYAL ROAD | Local government | No | Local government estate | Central Boilers | Natural gas | 840 | | Actual |
| Manor Place Baths & Depot | | Local government | No | Sport & Leisure facilities | lthw - gas fired | Natural gas | 814 | | LDA |
| John Ruskin School | John Ruskin Street | Local government | No | Local government estate | Individual boilers | Natural gas | 645 | | Actual |
| Keyworth School | Faunce Street, London | Local government | No | Local government estate | Individual boilers | Natural gas | 570 | | Actual |
| PELIER ST. BOILER HOUSE | PELIER ST. BOILER HOUSE, HILLINGDON STREET, PELIER ESTATE, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 550 | | Actual |
| Crampton School | Iliffe Street | Local government | No | Local government estate | Individual boilers | Natural gas | 313 | | Actual |
| Bishops House day Nursery | 5 Kennington Park Place | Local government | No | Local government estate | Individual boilers | Natural gas | 294 | | Actual |
| St. Paul's CE Primary School | Penrose Street | Local government | No | Local government estate | Individual boilers | Natural gas | 280 | | Actual |
| PLAXDALE HOUSE | PLAXDALE HOUSE, CONGREVE STREET, LONDON | Local government | No | Local government estate | Central Boilers | Natural gas | 178 | | Actual |
| Brandon Boiler Room | - | Local government | No | Multi-address buildings | | Oil | 4 | | LDA |
| Brandon Boiler Room | - | Local government | No | Multi-address buildings | | Oil | 2 | | LDA |
| BATEMAN HOUSE | FLAT 1 OTTO STREET LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| IRVING HOUSE | FLAT 220 DODDINGTON GROVE LONDON | Private | No | Multi-address buildings | | | | 56 | LDA |
| BRAWNE HOUSE | FLAT 1 BRANDON ESTATE LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| OYSTER COURT | FLAT 1 85 CRAMPTON STREET LONDON | Private | No | Multi-address buildings | | | | 52 | LDA |
| WALTERS HOUSE | FLAT 1 OTTO STREET LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| CRUDEN HOUSE | FLAT 1 BRANDON ESTATE LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| | FLAT 506 83 CRAMPTON STREET LONDON | Private | No | Multi-address buildings | | | | 66 | LDA |
| TREVELYAN HOUSE | FLAT 1 JOHN RUSKIN STREET LONDON | Private | No | Multi-address buildings | | | | 62 | LDA |
| | FLAT 619 83 CRAMPTON STREET LONDON | Private | No | Multi-address buildings | | | | 87 | LDA |
| PRESCOTT HOUSE | FLAT 1 HILLINGDON STREET LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| MOLESWORTH HOUSE | FLAT 1 BRANDON ESTATE LONDON | Private | No | Multi-address buildings | | | | 58 | LDA |
| CORNISH HOUSE | FLAT 1 BRANDON ESTATE LONDON | Private | No | Multi-address buildings | | | | 68 | LDA |
| BAPTIST BOY'S HIGH SCHOOL UK BRANCH | BAPTIST BOY'S HIGH SCHOOL UK BRANCH | Unidentified | No | Education facilities | | | | | LDA |
| Total | | | | | | | 44,903 | | |

Area 7 Bermondsey Spa

| Name | Address | Ownership | New dev. | Typology | Heating supply | Fuel source | Fuel consumption from all assets including CHP (MWh/year) | Number of Dwellings | Data source |
|------------------------------------|--|------------------|----------|-------------------------|--------------------|-------------|---|---------------------|-------------|
| SETCHELL DEVELOPMENT | SETCHELL DEVELOPMENT, ALSCOT WAY | Local government | No | Local government estate | Central Boilers | Natural gas | 6,248 | | Actual |
| Harris Academy Bermondsey | 55 Southwark Park Road | Local government | No | Local government estate | Individual boilers | Natural gas | 1,974 | | Actual |
| Municipal Offices - Spa Road | 19 Spa Road | Local government | No | Local government estate | Individual boilers | Natural gas | 1,206 | | Actual |
| Woodmill Building | Neckinger | Local government | No | Local government estate | Individual boilers | Natural gas | 1,085 | | Actual |
| Mabel Goldwin House | 49 Grange Walk | Local government | No | Local government estate | Individual boilers | Natural gas | 791 | | Actual |
| Boutcher CE Primary School | 93 Grange Road | Local government | No | Local government estate | Individual boilers | Natural gas | 333 | | Actual |
| Grange Primary School | Webb Street | Local government | No | Local government estate | Individual boilers | Natural gas | 239 | | Actual |
| Kintore Way Nursery School | Grange Road | Local government | No | Local government estate | Individual boilers | Natural gas | 158 | | Actual |
| Abbey Street Social Services | | Local government | No | Local government estate | lthw - gas fired | Natural gas | 129 | | LDA |
| Ellen Brown Bermondsey Play Centre | Spa Park, Grange Road | Local government | No | Local government estate | Individual boilers | Natural gas | 54 | | Actual |
| 1-3 SPA ROAD | 1-3 SPA ROAD | Local government | No | Local government estate | | Oil | 43 | | LDA |
| ARTESIAN HOUSE | P C T OFFICES 94 ALSCOT ROAD LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| | 1 NECKINGER ESTATE LONDON | Private | No | Multi-address buildings | | | | 59 | LDA |
| ALASKA BUILDINGS | FLAT G.01 BUILDING 600 61 GRANGE ROAD LONDON | Private | No | Multi-address buildings | | | | 53 | LDA |
| | 121 NECKINGER ESTATE LONDON | Private | No | Multi-address buildings | | | | 122 | LDA |
| FLORIN COURT | FLAT 1 70 TANNER STREET LONDON | Private | No | Multi-address buildings | | | | 50 | LDA |
| AMISHA COURT | FLAT 16 161 GRANGE ROAD LONDON | Private | No | Multi-address buildings | | | | 62 | LDA |
| BRIDGE VIEW COURT | FLAT 1 19 GRANGE ROAD LONDON | Private | No | Multi-address buildings | | | | 62 | LDA |
| Total | | | | | | | 12,258 | | |

| Borough High Level Implementation Plan – Southwark | | | | | | | | Appendix E |
|---|---|---|---|--|--|---|--|---|
| DE Opportunity | Priority | Notes | Barriers | Planning Status | 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 | Canada Water | High | <p>This Focus Area has been chosen to include the existing developments in the Surrey Quays/Canada Water area around Southwark Park with a view to expand to new developments in the centre of Canada Water AAP as these become reality. Both existing and new developments have a substantial heat demand.</p> <p>An energy study for the Canada Water AAP has been undertaken for the area by AECOM.</p> | <p>Phasing of the new developments may impact the viability of the scheme.</p> <p>Rail network infrastructure splits the area in the North-South direction and the Greenland dock cuts into the area from the East. Canada Water, Surrey Water, and surrounding railway infrastructure will limit the future expansion of this network.</p> <p>Developments currently being delivered may not be compatible with a decentralised infrastructure.</p> | <p>A draft area action plan has been submitted to the Secretary of State for examination.</p> <p>Between 2011 and 2026 there will be at least 2,500 extra homes and 35,000sqm of new shopping and leisure floor space.</p> <p>Policy 20 sets out strategy to create a district heating system. Strategic district heating area identified in which development will need to be designed to connect to the network.</p> <p>No current planning applications/approvals for DE infrastructure, but discussions taking place. S106 agreement with Veolia for Old Kent Road waste centre obliges connection of SELCHP to 5 estates.</p> | <p>Discussions with SELCHP to implement Phase 1 of the network.</p> <p>EIP for AAP and adoption.</p> <p>Extension of SELCHP Phase 1 into Core Area.</p> | <p>October 2011 (delivery of Old Kent Road facility)</p> <p>EIP January 2011</p> | <p>Energy Strategy, LBS: - Bob Fiddik</p> <p>Planning Policy, LBS: - Tim Cutts - Michael Carnuccio</p> |
| 2 | North Southwark | High | <p>This relatively large Focus Area could be divided into four sub-areas where a sufficient concentration of heat demand to support decentralised energy proposals exist: LSBU/Elephant and Castle, Blackfriars, the area around London Bridge and Tower Bridge, and Tabard gardens. Guy's Hospital could be the anchor load for the London and Tower Bridge sub-area. We should note that the Elephant & Castle MUSCO scheme is already under way to the south of this Focus Area.</p> | <p>RASWA 1991 Section 58 and 58A restrictions may apply in the future.</p> <p>Railroad network infrastructure cuts through the focus area, both Southwark station and London Bridge station are located in the focus area.</p> <p>Densely developed land. Energy centre location may be problematic.</p> <p>Ambulance routes will restrict the network installation in this area.</p> | <p>This area is covered by a number of policy frameworks: - Elephant and Castle SPG - E&C Enterprise Quarter SPD - Bankside, Borough and London Bridge SPD</p> <p>These documents recognise the potential for DE networks.</p> <p>Sustainable Design and Construction SPD requires schemes to be designed for connection to MUSCO at E&C</p> <p>E&C: Between 2011 and 2026 there will be at least 4,000 extra homes and 45,000sqm of new shopping and leisure floorspace.</p> <p>Bankside, Borough and London Bridge Opportunity Area: Between 2011 and 2026 there will be at least 1,900 extra homes and 400,000-500,000sqm of new business floorspace.</p> | <p>Agree detail of MUSCO and Aylesbury CHP networks.</p> <p>Work with major landowners around London Bridge to identify options for DE network.</p> <p>Best & Final Offer for the MUSCO contract is expected July 2010. This will outline the technical and commercial detail of the provision energy and other services to the E&C and Aylesbury regeneration areas.</p> <p>The next steps will be to complete the Project Agreement between the Council and MUSCO provider and for the MUSCO provider to agree phase development agreements with plot developers.</p> | <p>January 2010</p> | <p>Energy Strategy, LBS: - Bob Fiddik</p> <p>Planning Policy, LBS: - Tim Cutts - Michael Carnuccio</p> <p>Elephant and Castle Major Projects Team: - Tony Moseley</p> |

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| North Southwark continued | | | | Aylesbury Estate: the AAP for this area was adopted in January 2010. Policy BH6 identifies that energy supply will come from CHP and development will need to connect. | The MUSCo provider will also prepare a planning application for the scheme energy centre | | | |
| 3 Peckham | Medium | A collection of housing estates together with new plans for regeneration warrants further investigation of district heating in this area. | <p>Relatively low density in the surrounding area.</p> <p>Railroad network infrastructure cuts through the focus area.</p> <p>RASWA 1991 Section 58 and 58A restrictions may apply in the future.</p> | <p>There is capacity for around 2,000 new homes plus some increase in business, retail and leisure floorspace, focused around the Peckham ton centre.</p> <p>The area action plan issues and options paper was consulted in 2009 and identified the possibility of decentralised energy network in the town centre, possibly linking to existing heating networks on surrounding estates. No detailed feasibility studies have been carried out.</p> <p>No planning applications for DE infrastructure. Application being prepared for relocation of Wooddene boiler house.</p> | <p>Identify feasible options for DE network in Peckham linked to AAP. AAP will require robust evidence base to support policies similar to those in Aylesbury and Canada Water AAPs.</p> <p>Consult on preferred options for AAP.</p> <p>Agree energy strategy/network for Acorn Estate/Wooddene.</p> <p>Procure ESCO partner</p> <p>Agree project contract and submit planning application.</p> | <p>January 2010</p> <p>August 2010</p> | <p>Energy Strategy, LBS: - Bob Fiddik</p> <p>Planning Policy, LBS: - Michael Carnuccio</p> <p>Housing renewal: - Roger Young</p> | |
| 4 Southampton Way | Medium | A cluster of housing estates with a high concentration of heat demand comprising central boilers, including Sceaux Garden Estate, Pelican estate and Sedgemore place. | <p>RASWA 1991 Section 58 and 58A restrictions may apply in the future.</p> <p>Relatively low density in the surrounding area.</p> | <p>Potential for it be included within the Camberwell AAP (see below).</p> <p>No current planning applications/approvals for DE infrastructure.</p> | Identify feasible options for DE network. | | Energy Strategy, LBS: - Bob Fiddik | |
| 5 Camberwell | Medium | The Camberwell focus area includes number of high density public housing in close proximity to each other, including Wyndham, D'eynsford and Castlemead estates. The total heat demand is relatively high in this area. | <p>RASWA 1991 Section 58 and 58A restrictions may apply in the future.</p> <p>Railroad network infrastructure bisects the focus area into a west side and an east side.</p> | <p>Area action plan due to be prepared for Camberwell.</p> <p>No current planning applications/approvals for DE infrastructure.</p> | Identify feasible options for DE network as part of evidence base for AAP. | | <p>Energy Strategy, LBS: - Bob Fiddik</p> <p>Planning Policy, LBS: - Michael Carnuccio</p> | |

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| 6 | Surrey Gardens | Medium | A cluster of public housing developments. At least 11 of the identified developments comprise central boilers. | There are low rise developments in the centre of the focus area. RASWA 1991 Section 58 and 58A restrictions may apply in the future. | Partly within the Elephant and Castle Opportunity Area (see above). Also adjoins the Aylesbury Action Area. No current planning applications/approvals for DE infrastructure. | Identify feasible options for DE network. | | Energy Strategy, LBS: - Bob Fiddik |
| 7 | Bermondsey Spa | High | There are many high-rise blocks identified within the area around the Bermondsey Spa Gardens. There are also a number of buildings owned by the local council which may form the initial load for a district heating network. Setchell development may be an anchor load. | Rail infrastructure borders the focus area to the North. This may limit future expansion of the network. | Regeneration programme almost completed. No current planning applications/approvals for DE infrastructure. | Identify feasible options for DE network. | | Energy Strategy, LBS: - Bob Fiddik |