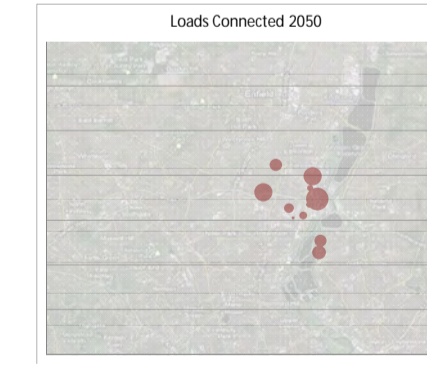
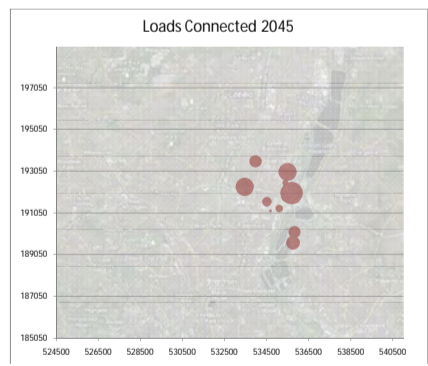
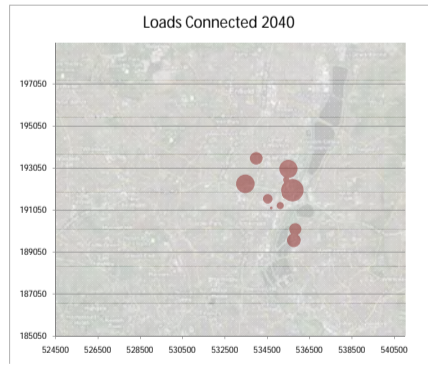
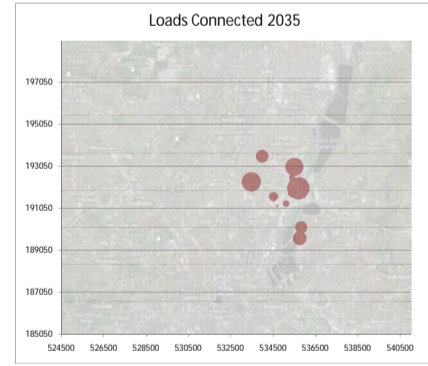
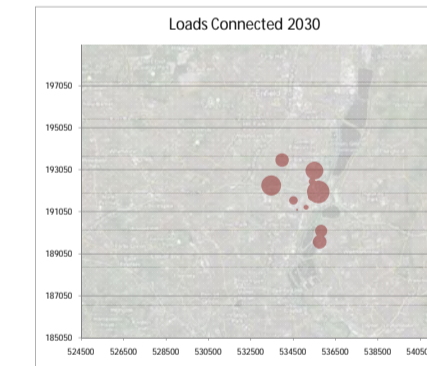
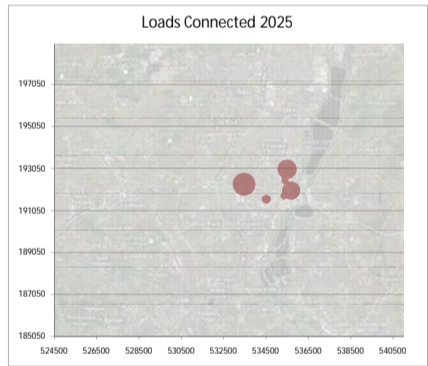
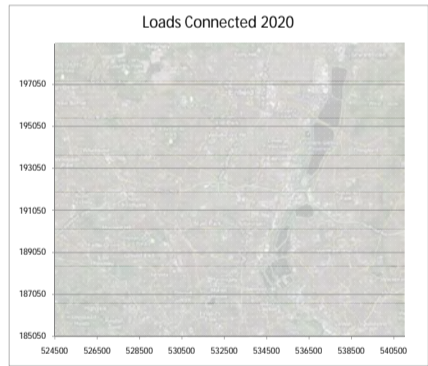
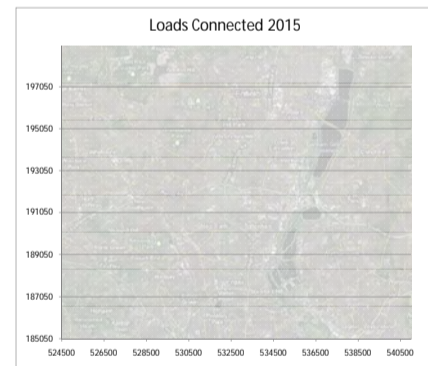
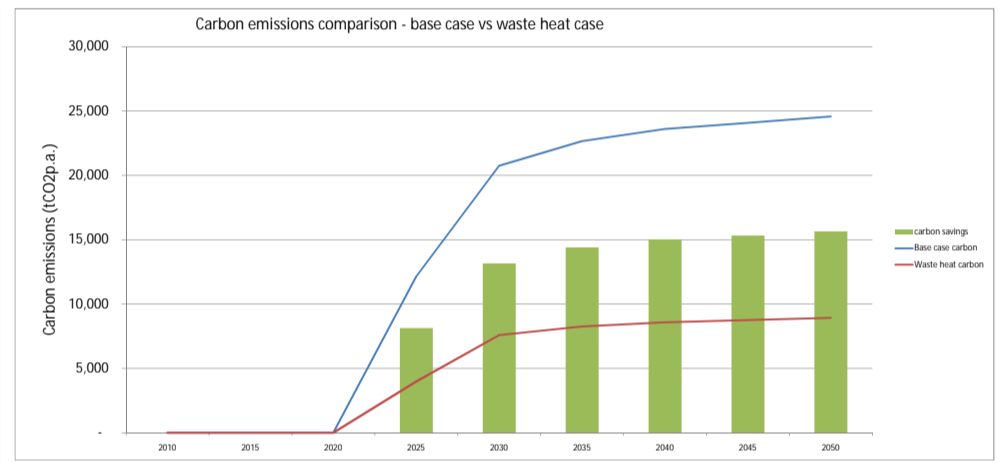
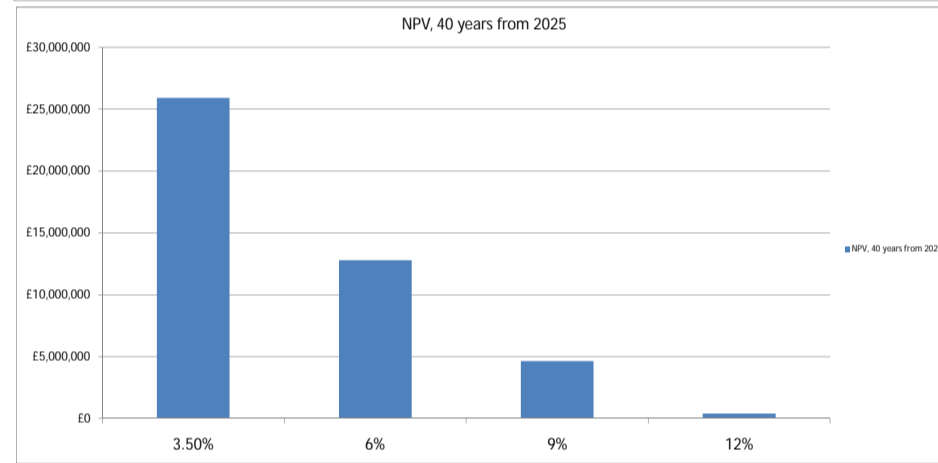
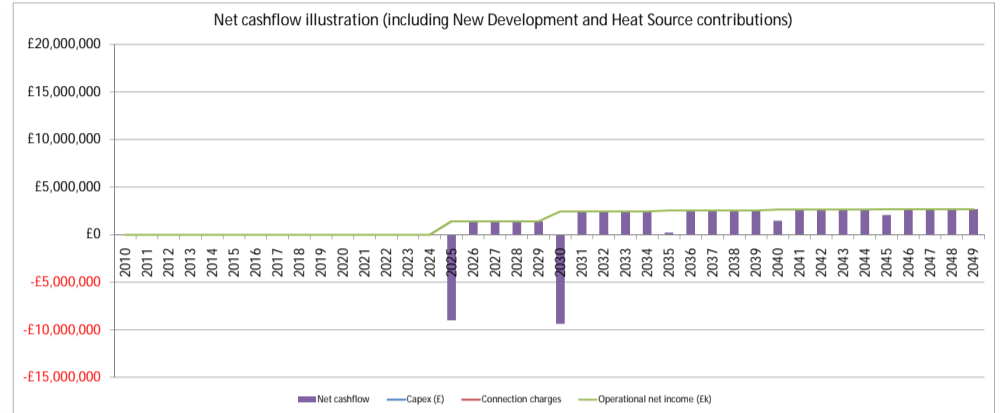
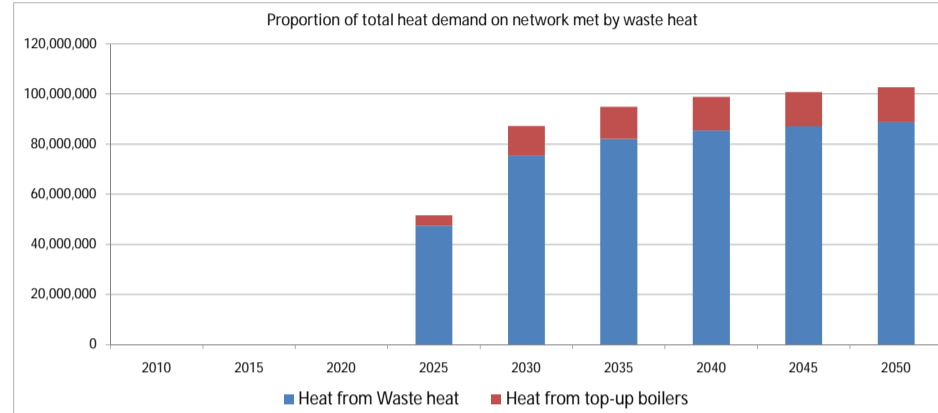
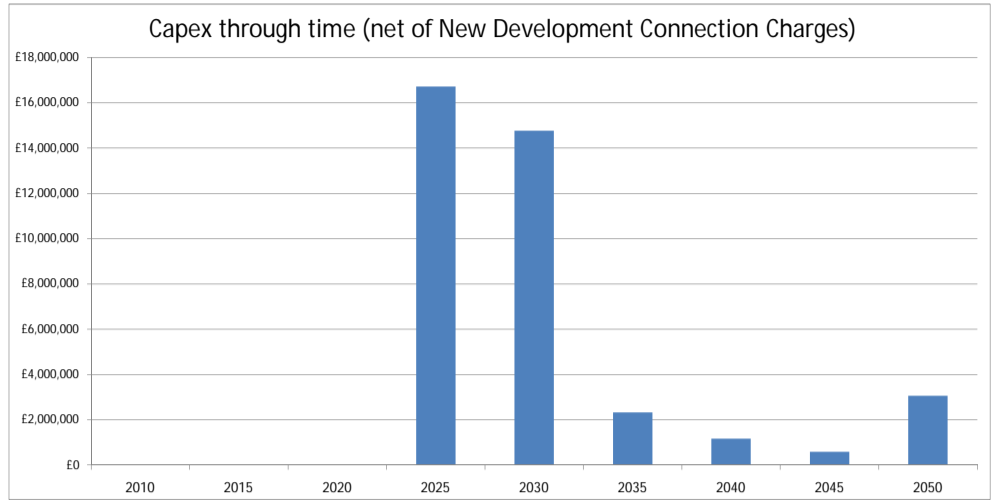


Value to generator of heat sales	1.30 p/kWh
Heat sales price	10% reduction on Business as usual
Waste heat sale price	0.1 p/kWh
Waste heat emissions f	0.058 gCO2 /kWh
Industrial take-up	30%

Key Parameters	
Heat Output	15.7 MWth
Assumed Running Hours	8000 Hours

Demand Build-up

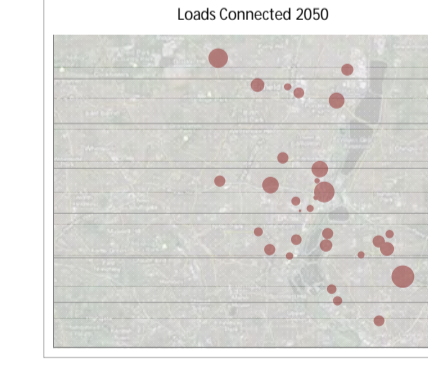
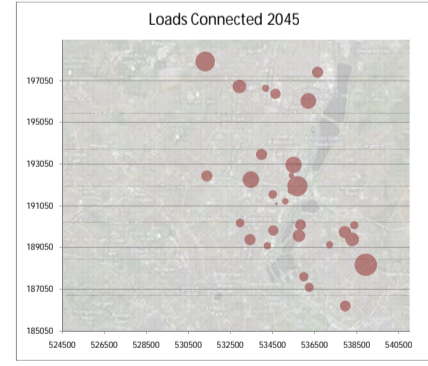
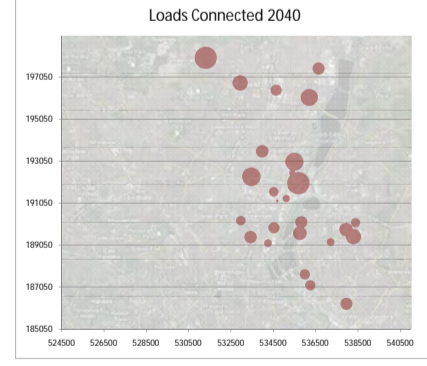
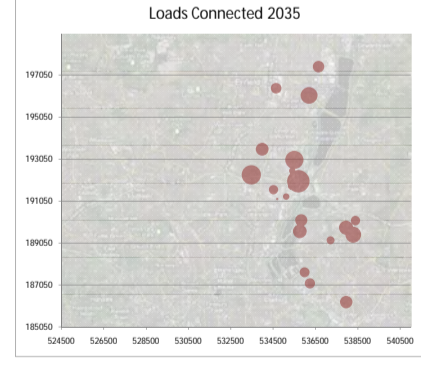
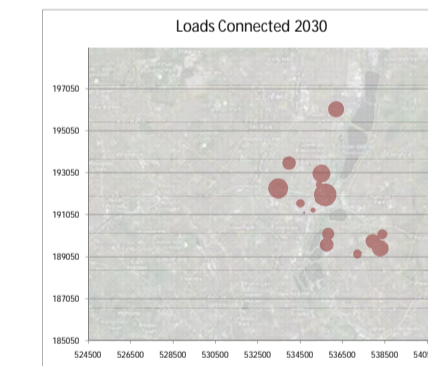
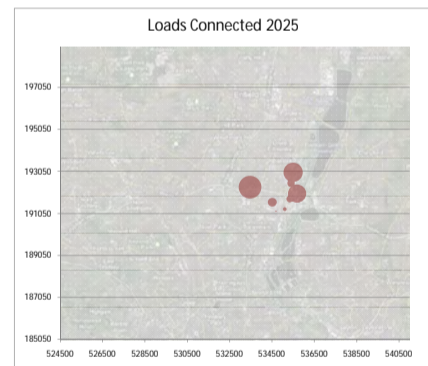
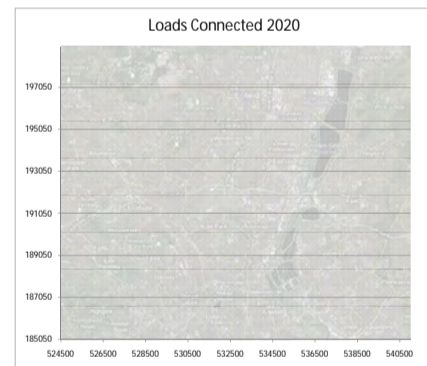
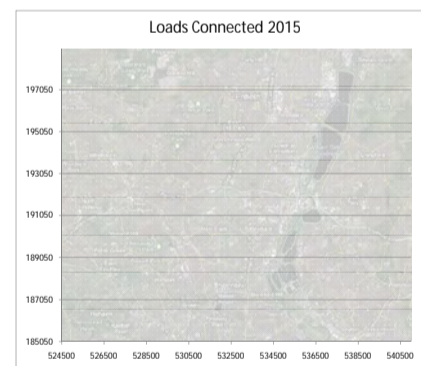
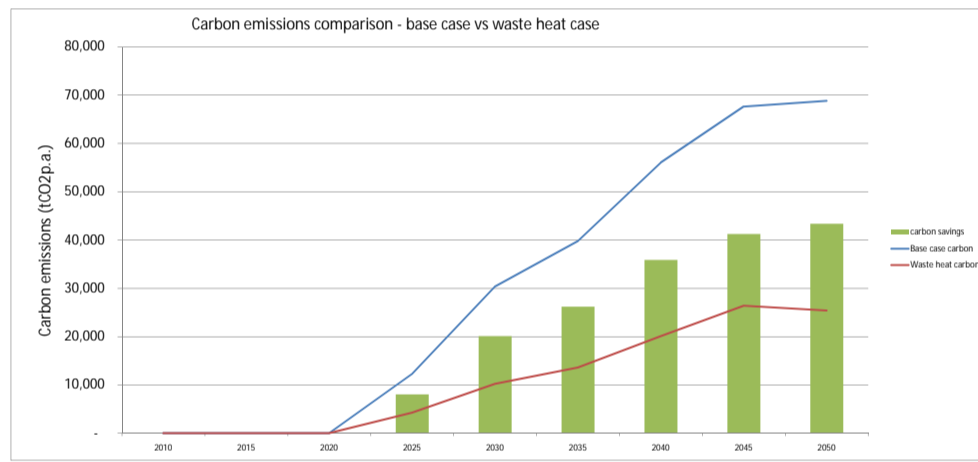
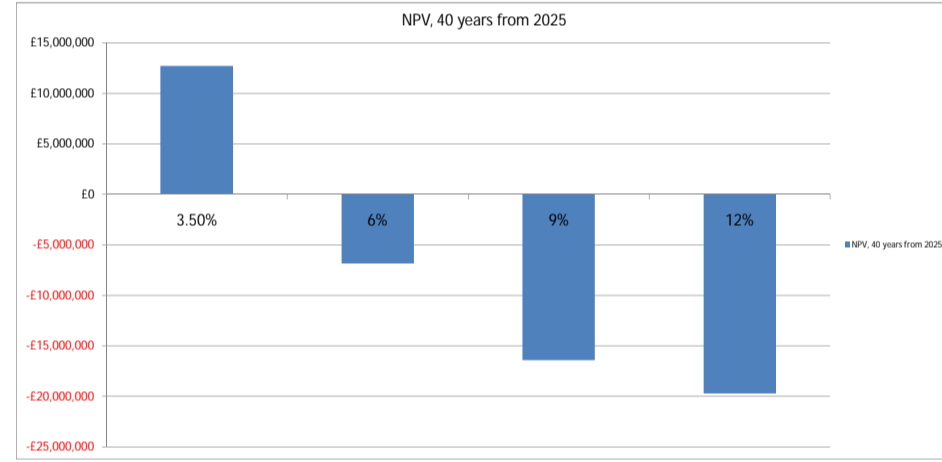
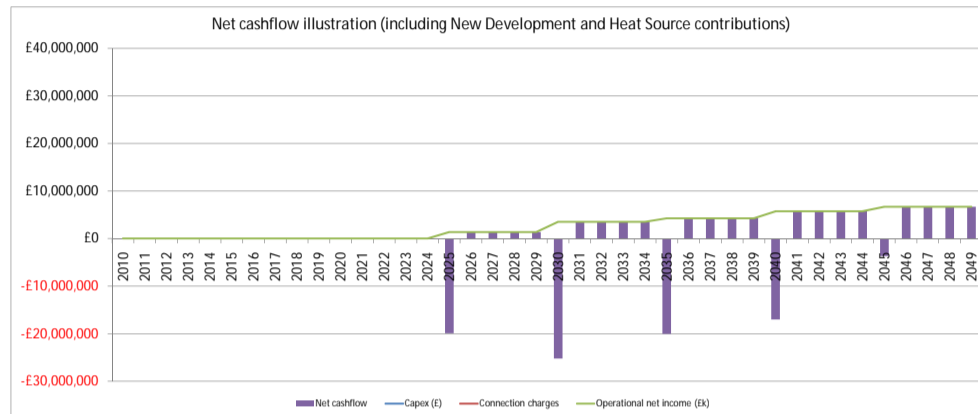
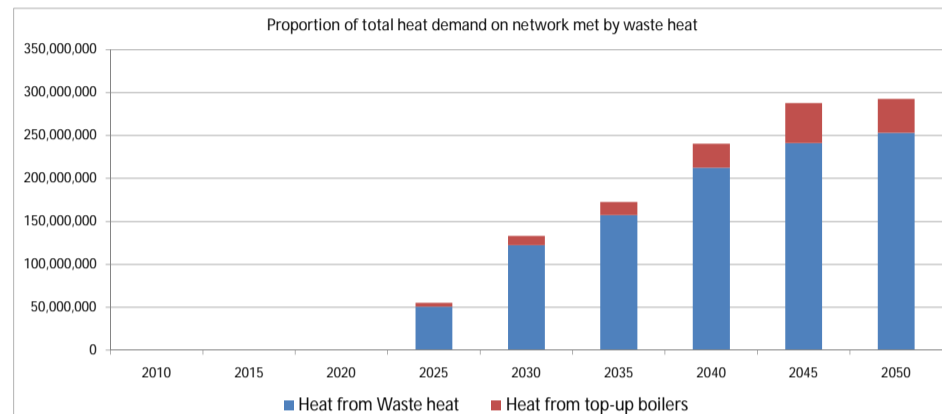
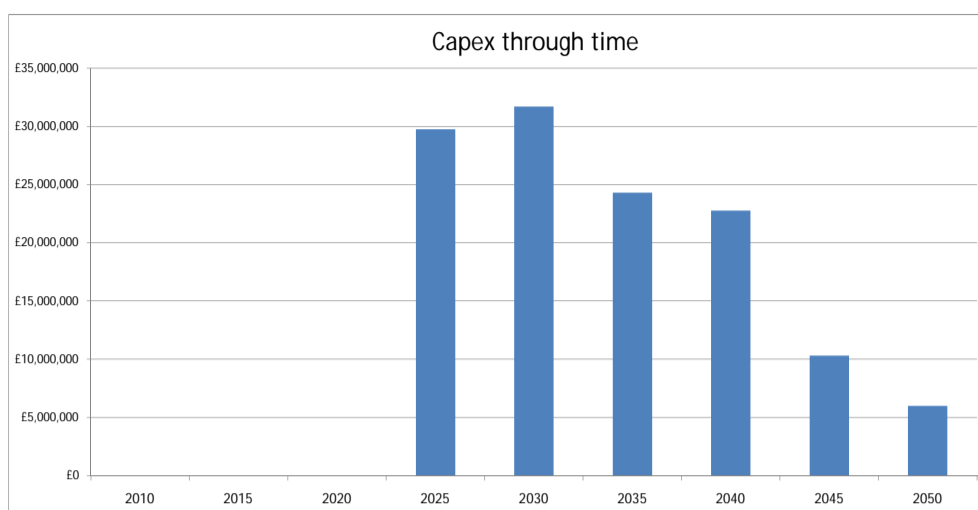
	2010	2015	2020	2025	2030	2035	2040	2045	2050
1 Blackhorse Lane North	-	-	-	-	8,008,987	8,752,192	9,123,795	9,309,597	9,495,398
2 Blackhorse Lane South	-	-	-	-	10,149,289	11,085,836	11,554,110	11,788,246	12,022,383
3 Broadwater Farm	-	-	-	-	-	-	-	-	-
4 Chase Farm Hospital	-	-	-	-	-	-	-	-	-
5 Cockfosters	-	-	-	-	-	-	-	-	-
6 Edmonton	-	-	-	-	9,469,875	9,621,907	9,697,923	9,735,931	9,773,939
7 Brimsdown Area	-	-	-	-	-	-	-	-	-
8 Enfield Town	-	-	-	-	-	-	-	-	-
9 Hornsey High Street / New River Village	-	-	-	-	-	-	-	-	-
10 Innova Park	-	-	-	-	-	-	-	-	-
11 Leyton Orient and Leyton Mills	-	-	-	-	-	-	-	-	-
12 Central Leaside (Meridian Water / Edmonton)	-	-	-	-	14,267,757	26,901,432	29,788,183	31,231,959	31,953,247
13 New Southgate	-	-	-	-	-	-	-	-	-
14 Hale Village / Greater Ashley Road	-	-	-	-	-	-	-	-	-
15 Marsh Lane	-	-	-	-	1,243,001	2,486,003	3,107,504	3,418,254	3,729,004
16 Lea Bridge Area (NOP)	-	-	-	-	-	-	-	-	-
17 Marsh Lane Area (NOP)	-	-	-	-	-	-	-	-	-
18 Palmers Green	-	-	-	-	-	-	-	-	-
19 Picketts Lock / Deephams STW	-	-	-	-	15,695,896	16,864,751	19,204,040	20,373,716	20,958,542
20 Ponders End / Southern Brimsdown	-	-	-	-	-	-	-	-	-
21 Southbury	-	-	-	-	-	-	-	-	-
22 Tottenham Hale	-	-	-	-	-	-	-	-	-
23 Tottenham Town Hall	-	-	-	-	-	-	-	-	-
24 Northumberland Park	-	-	-	-	3,259,470	3,848,268	5,025,862	5,614,660	5,909,058
25 Walthamstow Town Centre	-	-	-	-	-	-	-	-	-
26 Walthamstow Town Hall	-	-	-	-	-	-	-	-	-
27 Commercial Road / Silver Street	-	-	-	-	2,526,924	2,526,924	2,526,924	2,526,924	2,526,924
28 Whips Cross	-	-	-	-	-	-	-	-	-
29 Wood Green East	-	-	-	-	-	-	-	-	-
30 Wood Green North (Haringey Civic Centre)	-	-	-	-	-	-	-	-	-
31 Haringey Heartlands	-	-	-	-	-	-	-	-	-
32 Wood Street North	-	-	-	-	-	-	-	-	-
33 Wood Street South	-	-	-	-	-	-	-	-	-
34 NMH	-	-	-	-	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573
35 Coca Cola	-	-	-	-	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500
36 Ikea	-	-	-	-	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000
37 South Northumberland Park	-	-	-	-	176,096	352,191	440,239	484,263	528,287
38 Crown Road Industrial Estate	-	-	-	-	-	-	-	-	-



Key Parameters	
Heat Output	42.9 MWh
Assumed Running Hours	8000 Hours

Demand Build-up

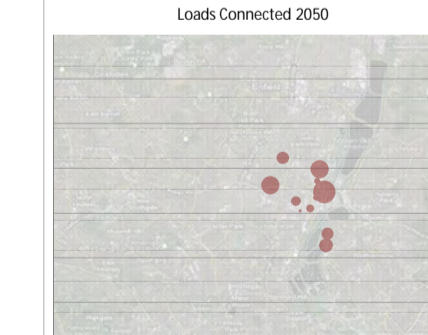
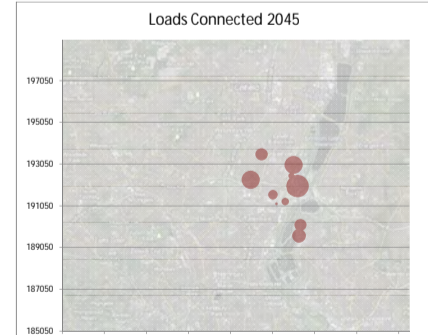
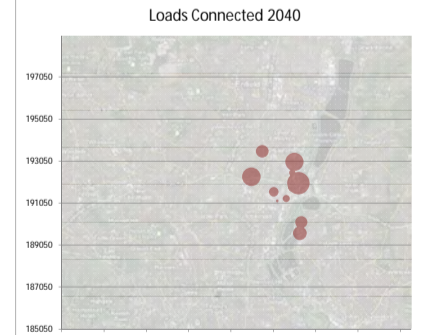
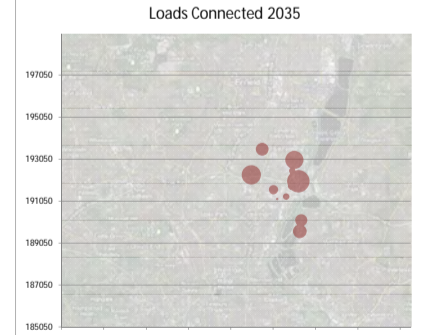
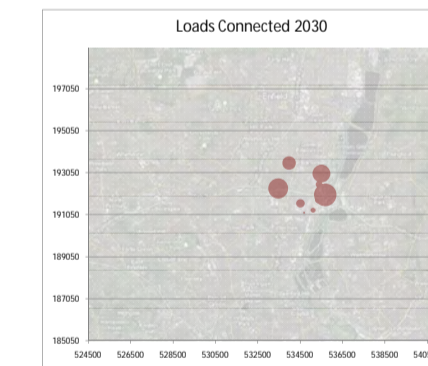
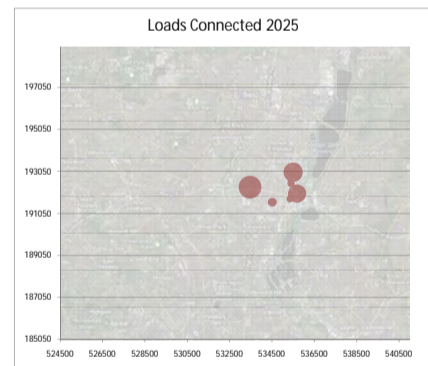
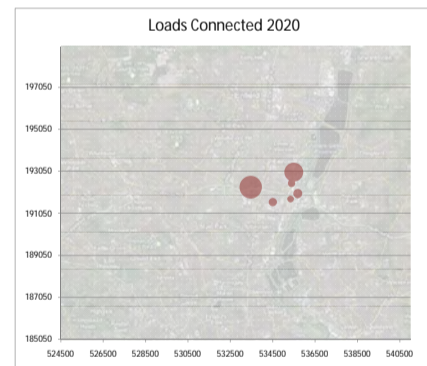
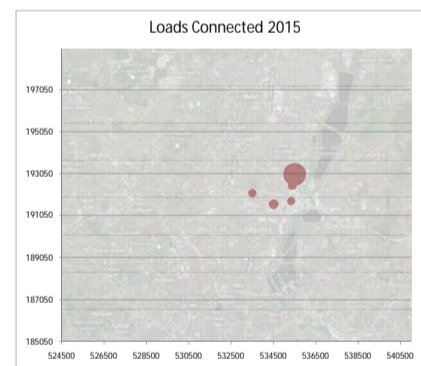
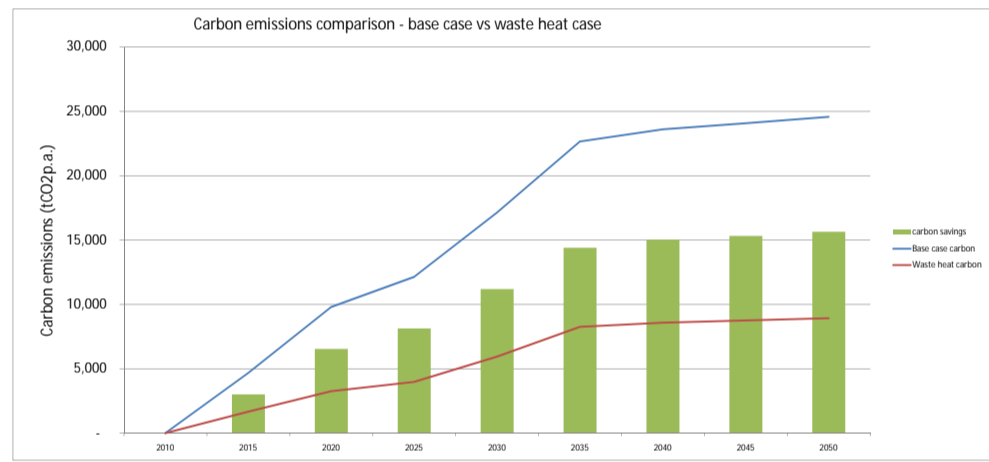
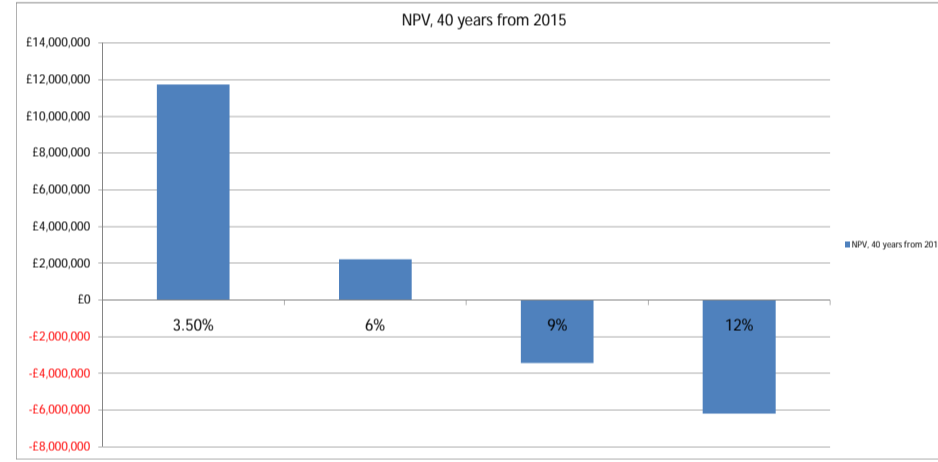
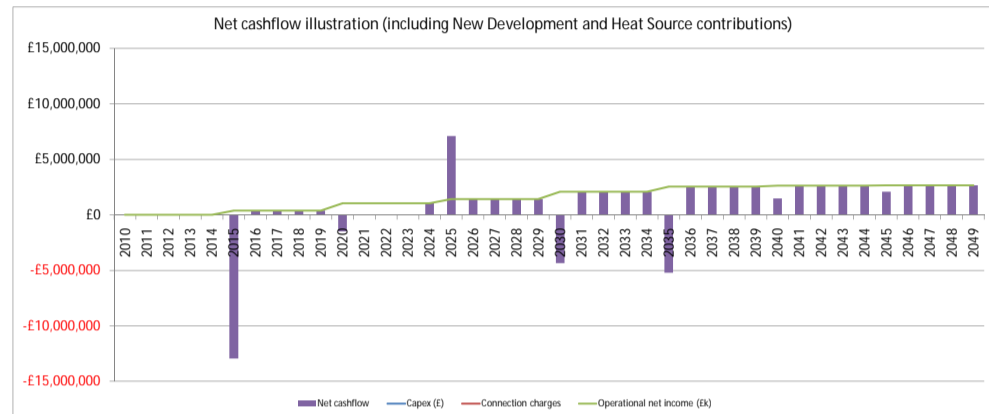
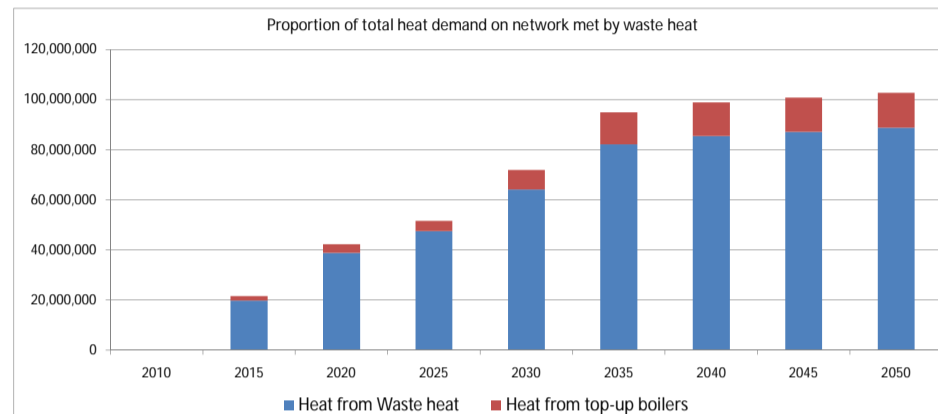
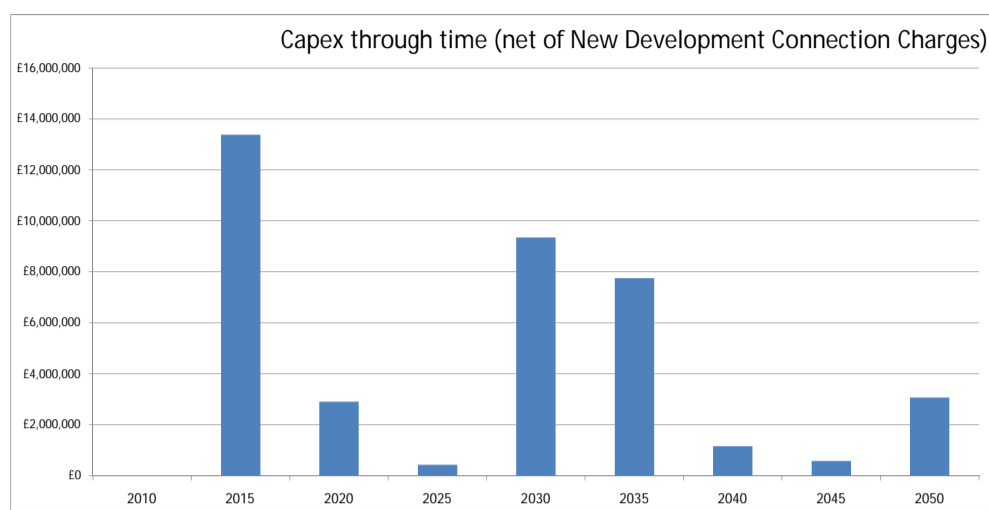
	2010	2015	2020	2025	2030	2035	2040	2045	2050
1 Blackhorse Lane North	-	-	-	-	8,008,987	8,752,192	9,123,795	9,309,597	9,495,398
2 Blackhorse Lane South	-	-	-	-	10,149,289	11,085,838	11,554,116	11,788,246	12,022,383
3 Broadwater Farm	-	-	-	-	-	-	5,657,271	5,883,552	6,109,833
4 Chase Farm Hospital	-	-	-	-	-	-	29,882,414	29,882,414	29,882,414
5 Cockfosters	-	-	-	-	-	-	-	-	-
6 Edmonton	-	-	-	-	9,469,875	9,621,907	9,697,923	9,735,931	9,773,939
7 Brimsdown Area	-	-	-	-	-	7,436,838	9,296,048	10,225,653	11,155,257
8 Enfield Town	-	-	-	-	-	-	14,512,004	14,512,004	14,512,004
9 Hornsey High Street / New River Village	-	-	-	-	-	-	-	-	-
10 Innova Park	-	-	-	-	-	-	-	-	-
11 Leyton Orient and Leyton Mills	-	-	-	-	9,127,644	9,127,644	9,127,644	9,127,644	9,127,644
12 Central Leaside (Meridian Water / Edmonton)	-	-	-	-	14,267,757	26,901,432	29,788,183	31,231,559	31,953,247
13 New Southgate	-	-	-	-	-	-	-	-	-
14 Hale Village / Greater Ashley Road	-	-	-	-	-	-	7,988,437	8,206,072	8,423,708
15 Marsh Lane	-	-	-	-	421,501	1,243,001	2,486,003	3,107,504	3,418,254
16 Lea Bridge Area (NOF)	-	-	-	-	-	-	5,788,306	6,400,246	6,706,216
17 Marsh Lane Area (NOF)	-	-	-	-	-	-	6,101,653	6,440,099	6,609,322
18 Palmers Green	-	-	-	-	-	-	-	-	9,591,849
19 Picketts Lock / Deephams StW	-	-	-	-	15,695,096	16,864,751	19,204,060	20,373,715	20,958,542
20 Ponders End / Southern Brimsdown	-	-	-	-	13,276,691	16,380,226	17,931,993	18,707,877	19,483,761
21 Southbury	-	-	-	-	-	-	-	4,016,961	4,016,961
22 Tottenham Hale	-	-	-	-	-	-	3,757,022	4,032,376	4,307,730
23 Tottenham Town Hall	-	-	-	-	-	-	9,680,033	9,680,033	9,680,033
24 Northumberland Park	-	-	-	-	3,259,470	3,848,268	5,025,862	5,614,660	6,203,457
25 Walthamstow Town Centre	-	-	-	-	-	3,986,723	3,986,723	3,986,723	3,986,723
26 Walthamstow Town Hall	-	-	-	-	-	11,366,711	11,366,711	11,366,711	11,366,711
27 Commercial Road / Silver Street	-	-	-	-	2,526,924	2,526,924	2,526,924	2,526,924	2,526,924
28 Whips Cross	-	-	-	-	-	-	-	39,166,515	39,166,515
29 Wood Green East	-	-	-	-	-	-	-	-	-
30 Wood Green North (Haringey Civic Centre)	-	-	-	-	-	-	-	-	-
31 Haringey Heartlands	-	-	-	-	-	-	-	-	-
32 Wood Street North	-	-	-	-	5,324,201	5,324,201	5,324,201	5,324,201	5,324,201
33 Wood Street South	-	-	-	-	14,611,865	14,735,516	14,797,347	14,828,254	14,859,166
34 MWT	-	-	-	-	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573
35 Coca Cola	-	-	-	-	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500
36 Ikea	-	-	-	-	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000
37 South Northumberland Park	-	-	-	-	88,048	176,096	352,191	440,239	484,263
38 Crown Road Industrial Estate	-	-	-	-	-	-	6,521,446	7,628,007	8,181,288
									8,734,569



Key Parameters	
Heat Output	15.7 MWth
Assumed Running Hours	8000 Hours

Demand Build-up

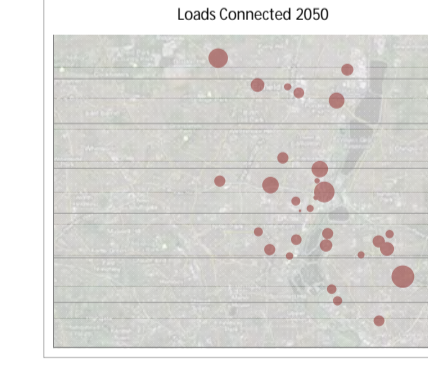
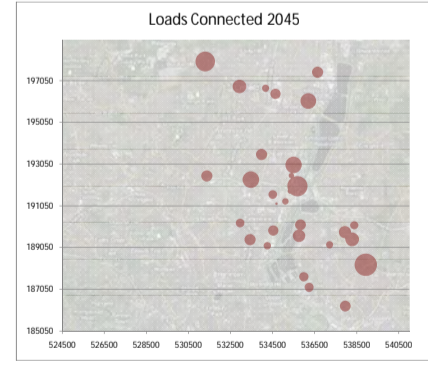
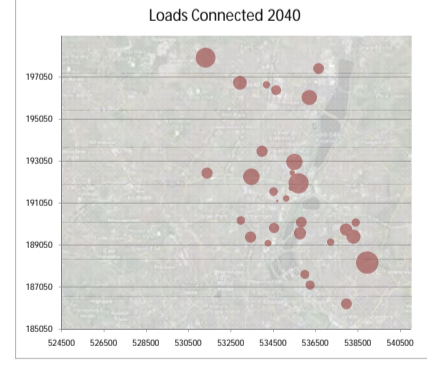
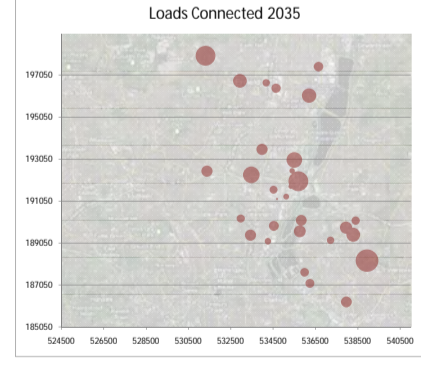
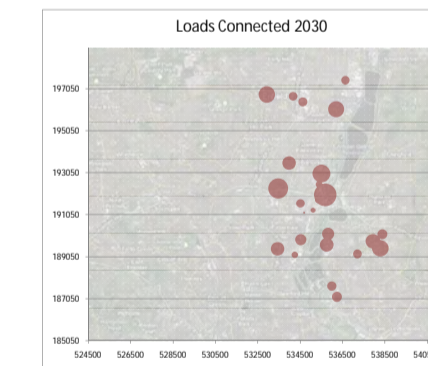
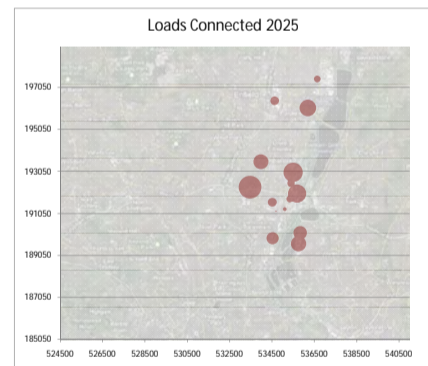
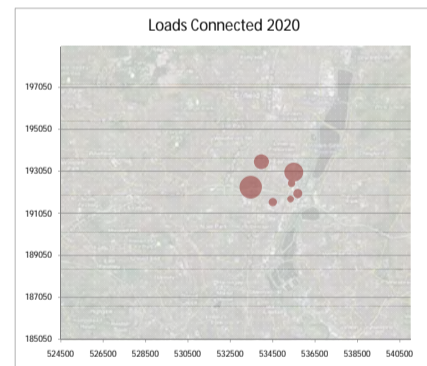
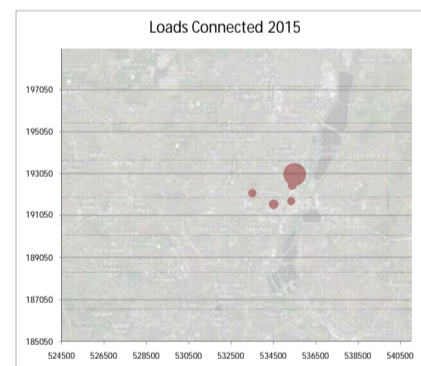
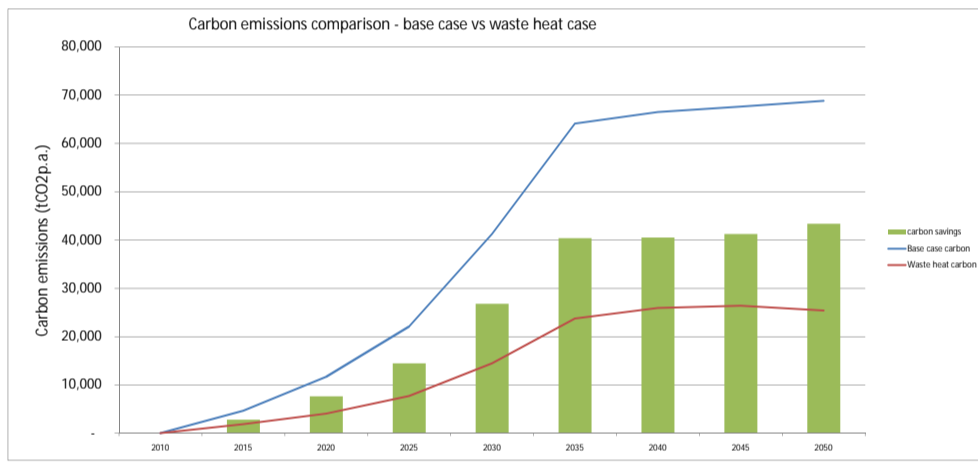
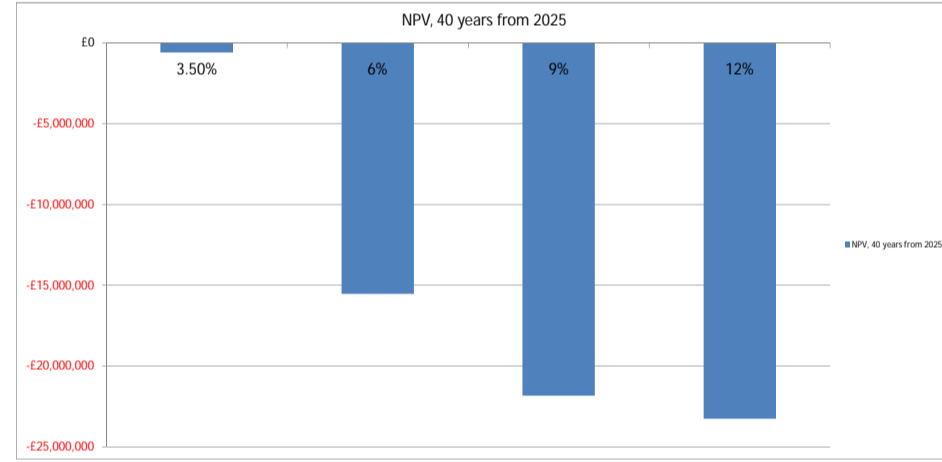
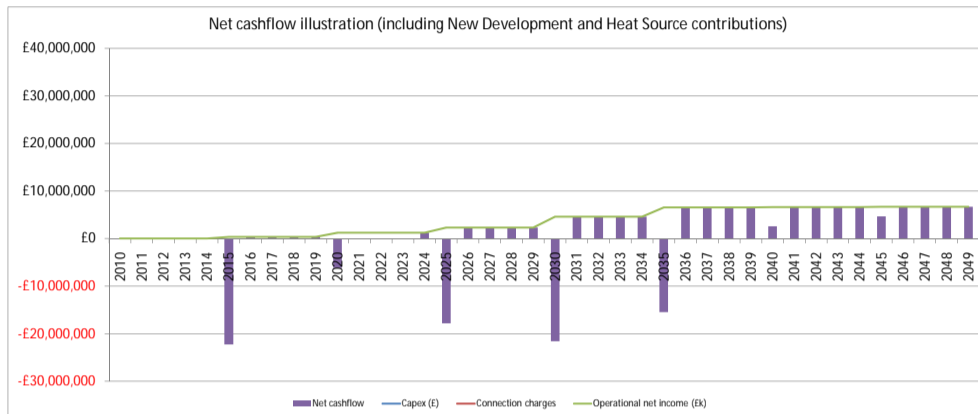
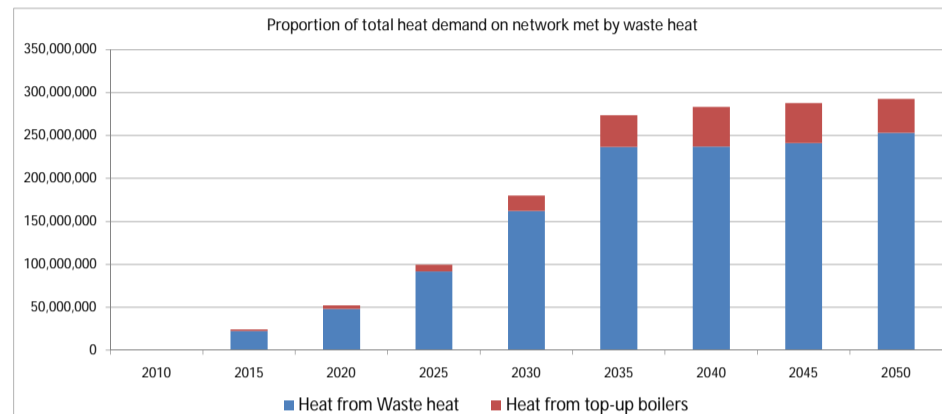
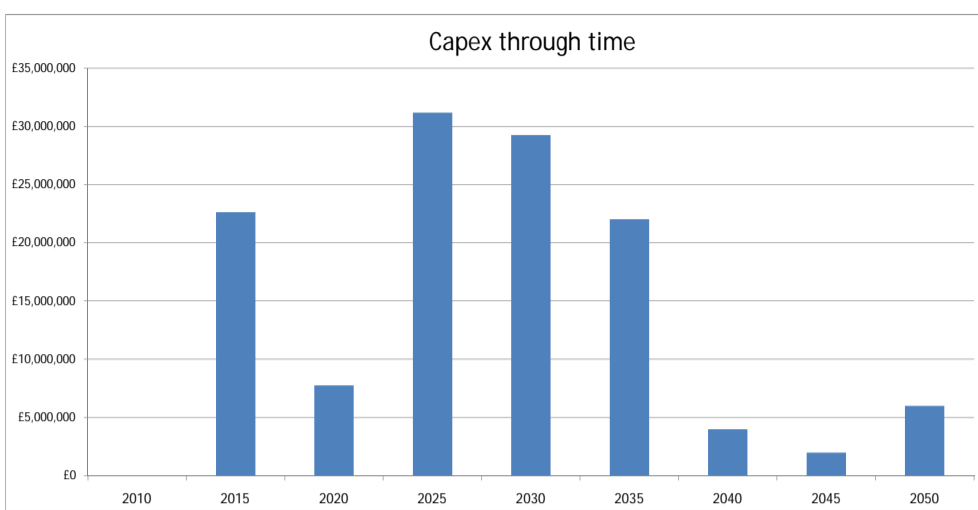
	2010	2015	2020	2025	2030	2035	2040	2045	2050
1 Blackhorse Lane North	-	-	-	-	-	8,752,192	9,123,795	9,309,597	9,495,398
2 Blackhorse Lane South	-	-	-	-	-	11,085,638	11,354,110	11,788,246	12,022,383
3 Broadwater Farm	-	-	-	-	-	-	-	-	-
4 Chase Farm Hospital	-	-	-	-	-	-	-	-	-
5 Cockfosters	-	-	-	-	-	-	-	-	-
6 Edmonton	-	-	-	-	-	-	-	-	-
7 Brimsdown Area	-	-	-	-	-	9,469,875	9,621,907	9,697,923	9,735,931
8 Enfield Town	-	-	-	-	-	-	-	-	-
9 Hornsey High Street / New River Village	-	-	-	-	-	-	-	-	-
10 Ilmova Park	-	-	-	-	-	-	-	-	-
11 Leyton Orient and Leyton Mills	-	-	-	-	-	-	-	-	-
12 Central Leaside (Meridian Water / Edmonton)	-	-	3,556,938	14,267,757	26,901,432	29,788,183	31,231,559	31,963,247	32,674,935
13 New Southgate	-	-	-	-	-	-	-	-	-
14 Hale Village / Greater Ashley Road	-	-	-	-	-	-	-	-	-
15 Marsh Lane	-	-	-	-	-	1,243,001	2,486,003	3,107,504	3,418,254
16 Lea Bridge Area (NOF)	-	-	-	-	-	-	-	-	-
17 Marsh Lane Area (NOF)	-	-	-	-	-	-	-	-	-
18 Palmers Green	-	-	-	-	-	-	-	-	-
19 Picketts Lock / Deephams STW	-	-	-	-	-	-	-	-	-
20 Ponders End / Southern Brimsdown	-	-	-	-	-	-	-	-	-
21 Southbury	-	-	-	-	-	-	-	-	-
22 Tottenham Hale	-	-	-	-	-	-	-	-	-
23 Tottenham Town Hall	-	-	-	-	-	-	-	-	-
24 Northumberland Park	-	-	-	-	-	-	-	-	-
25 Walthamstow Town Centre	-	-	-	-	-	-	-	-	-
26 Walthamstow Town Hall	-	-	-	-	-	-	-	-	-
27 Commercial Road / Silver Street	-	-	-	-	-	-	-	-	-
28 Whipp's Cross	-	-	-	-	-	-	-	-	-
29 Wood Green East	-	-	-	-	-	-	-	-	-
30 Wood Green North (Haringey Civic Centre)	-	-	-	-	-	-	-	-	-
31 Haringey Hearlands	-	-	-	-	-	-	-	-	-
32 Wood Street North	-	-	-	-	-	-	-	-	-
33 Wood Street South	-	-	-	-	-	-	-	-	-
34 MWT	-	-	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573
35 Coca Cola	-	-	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500
36 Ikea	-	-	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000
37 South Northumberland Park	-	-	-	-	-	-	-	-	-
38 Crown Road Industrial Estate	-	-	-	-	-	-	-	-	-



Key Parameters	
Heat Output	42.9 MWh
Assumed Running Hours	8000 Hours

Demand Build-up

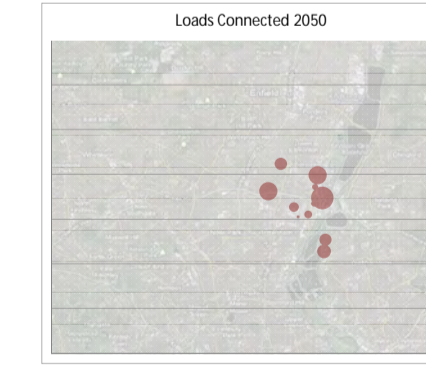
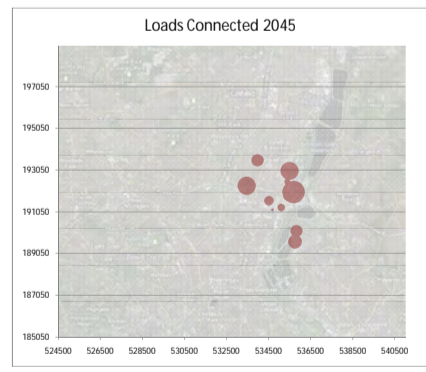
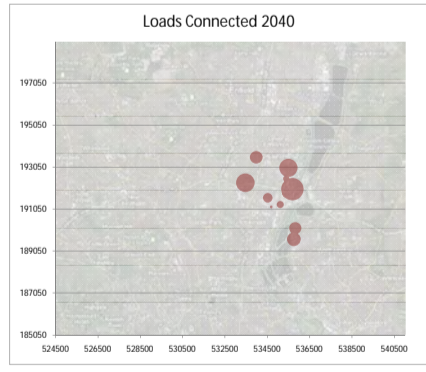
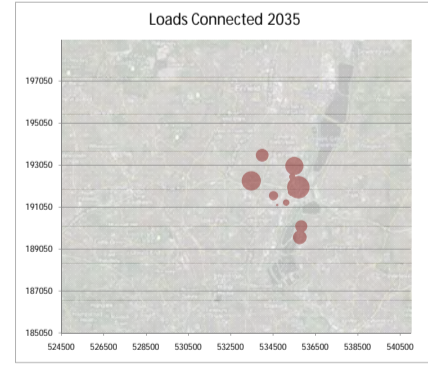
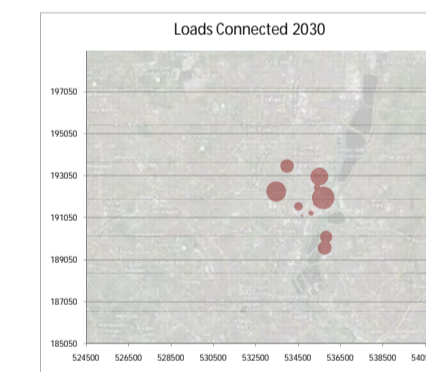
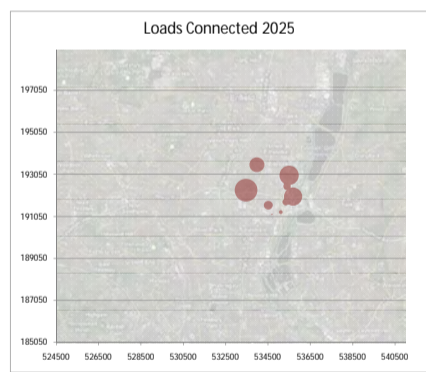
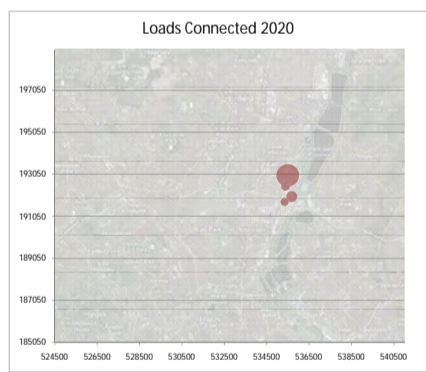
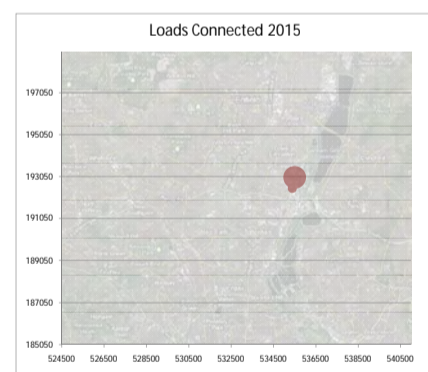
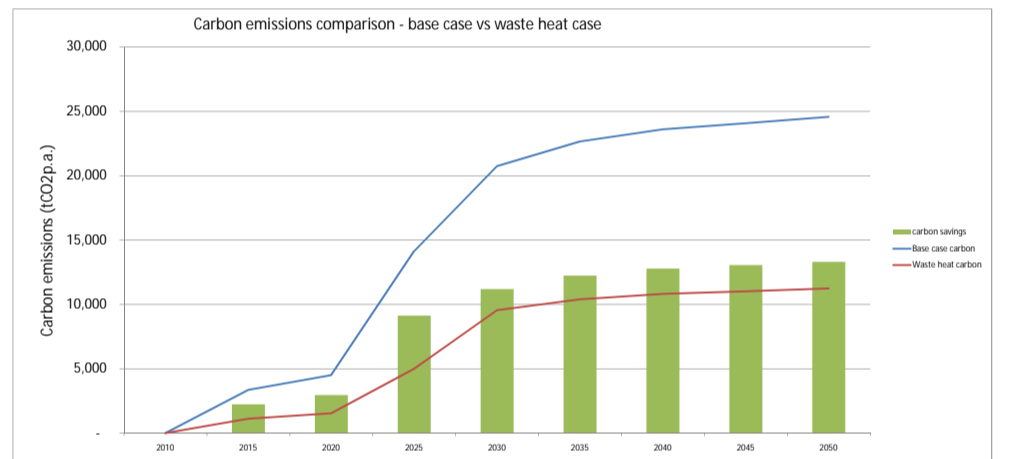
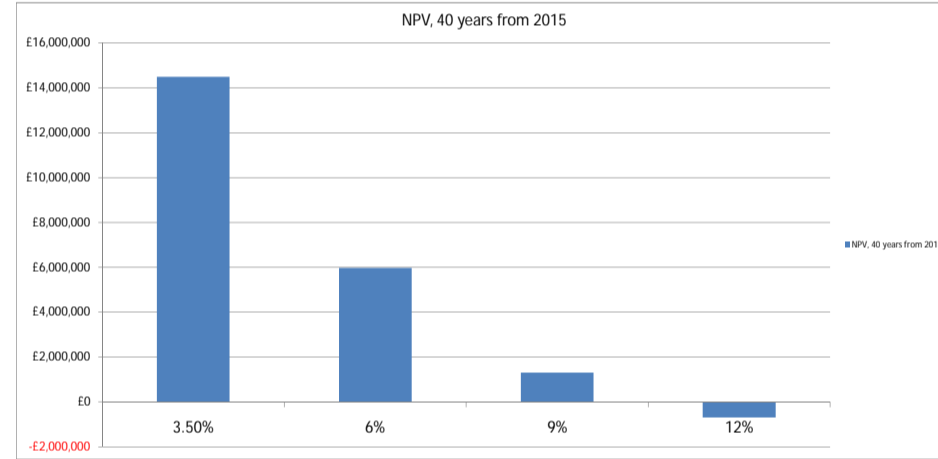
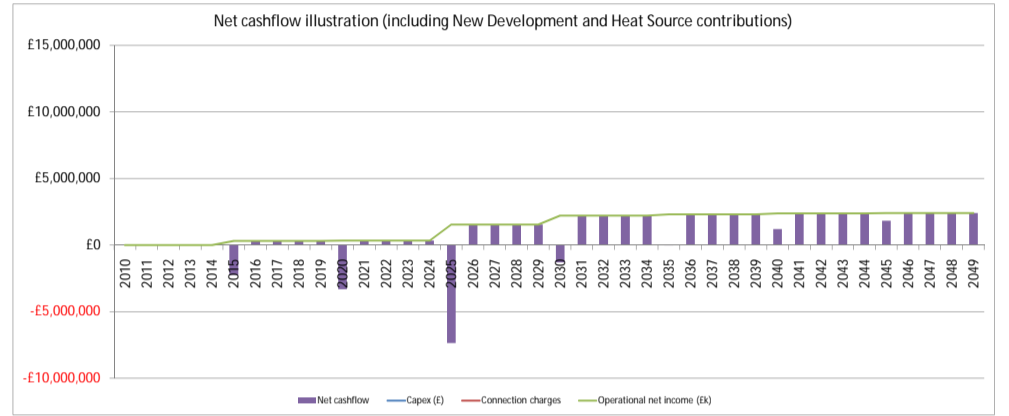
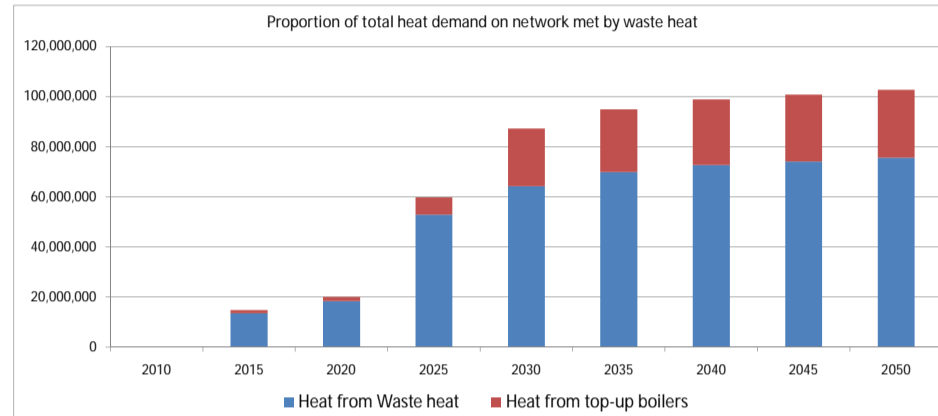
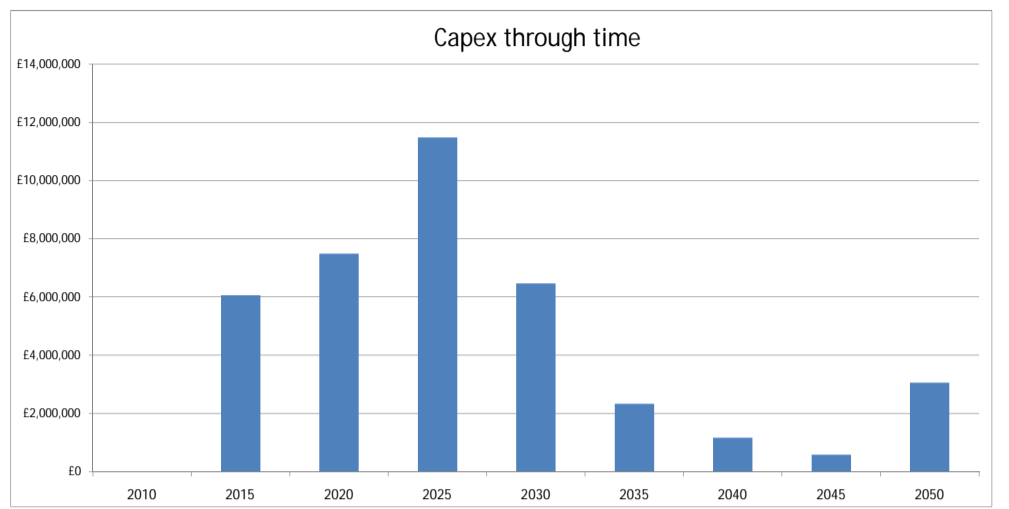
	2010	2015	2020	2025	2030	2035	2040	2045	2050
1 Blackhorse Lane North	-	-	-	7,637,384	8,008,987	8,752,192	9,123,795	9,309,597	9,495,398
2 Blackhorse Lane South	-	-	-	9,681,016	10,149,289	11,065,836	11,554,110	11,788,246	12,022,383
3 Broadwater Farm	-	-	-	-	-	5,204,727	5,657,271	5,883,552	6,109,833
4 Chase Farm Hospital	-	-	-	-	-	29,882,414	29,882,414	29,882,414	29,882,414
5 Cockfosters	-	-	-	-	-	-	-	-	-
6 Edmonton	-	-	9,348,249	9,393,859	9,449,075	9,421,907	9,497,923	9,735,931	9,773,939
7 Brimsdown Area	-	-	-	1,859,210	3,718,419	7,436,838	9,296,048	10,225,653	11,155,257
8 Enfield Town	-	-	-	-	14,512,004	14,512,004	14,512,004	14,512,004	14,512,004
9 Hornsey High Street / New River Village	-	-	-	-	-	-	-	-	-
10 Innova Park	-	-	-	-	-	-	-	-	-
11 Leyton Orient and Leyton Mills	-	-	-	-	9,127,644	9,127,644	9,127,644	9,127,644	9,127,644
12 Central Leaside (Meridian Water / Edmonton)	-	-	3,556,938	14,267,757	26,901,432	29,788,183	31,231,559	31,953,247	32,674,935
13 New Southgate	-	-	-	6,247,354	6,482,625	7,553,164	7,988,437	8,206,072	8,423,708
14 Hale Village / Greater Ashley Road	-	-	-	6,217,501	1,243,001	2,486,003	3,107,504	3,418,254	3,729,004
15 Marsh Lane	-	-	-	-	4,564,426	5,788,306	6,400,246	6,706,216	7,012,186
16 Lea Bridge Area (NOF)	-	-	-	-	5,424,761	6,101,653	6,440,099	6,609,322	6,778,545
17 Marsh Lane Area (NOF)	-	-	-	-	-	9,591,849	9,591,849	9,591,849	9,591,849
18 Palmers Green	-	-	-	-	-	-	-	-	-
19 Picketts Lock / Deepfams STW	-	14,759,372	14,993,303	15,695,096	16,864,751	19,204,040	20,373,715	20,958,542	21,543,370
20 Ponders End / Southern Brimsdown	-	-	-	11,724,924	13,276,691	16,380,226	17,931,993	18,707,877	19,483,761
21 Southbury	-	-	-	-	4,016,961	4,016,961	4,016,961	4,016,961	4,016,961
22 Tottenham Hale	-	-	-	-	2,104,899	3,206,315	3,757,022	4,032,376	4,307,730
23 Tottenham Town Hall	-	-	-	-	9,680,033	9,680,033	9,680,033	9,680,033	9,680,033
24 Northumberland Park	-	2,788,433	2,906,192	3,259,470	3,848,268	5,025,862	5,614,660	5,909,058	6,203,457
25 Walthamstow Town Centre	-	-	-	-	3,986,723	3,986,723	3,986,723	3,986,723	3,986,723
26 Walthamstow Town Hall	-	-	-	-	11,366,711	11,366,711	11,366,711	11,366,711	11,366,711
27 Commercial Road / Silver Street	-	1,986,291	2,526,924	2,526,924	2,526,924	2,526,924	2,526,924	2,526,924	2,526,924
28 Whips Cross	-	-	-	-	39,166,515	39,166,515	39,166,515	39,166,515	39,166,515
29 Wood Green East	-	-	-	-	-	-	-	-	-
30 Wood Green North (Haringey Civic Centre)	-	-	-	-	-	-	-	-	-
31 Haringey Heartlands	-	-	-	-	-	-	-	-	-
32 Wood Street North	-	-	-	-	5,324,201	5,324,201	5,324,201	5,324,201	5,324,201
33 Wood Street South	-	-	-	-	14,611,865	14,735,516	14,797,347	14,828,254	14,859,166
34 NW1	-	-	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573
35 Coxa Coa	-	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500
36 Ilea	-	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000
37 South Northumberland Park	-	-	-	-	88,048	176,096	352,191	484,263	528,287
38 Crown Road Industrial Estate	-	-	-	-	3,201,761	4,308,323	6,521,446	7,628,007	8,181,288
									8,734,569



Key Parameters	
Heat Output	10 MWth
Assumed Running Hours	8000 Hours

Demand Build-up

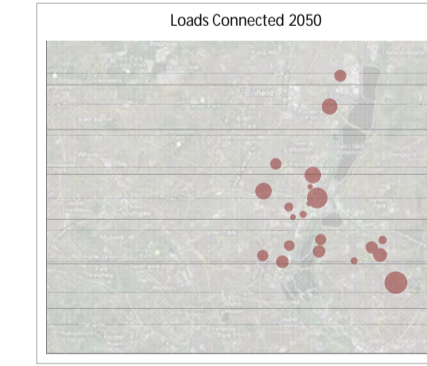
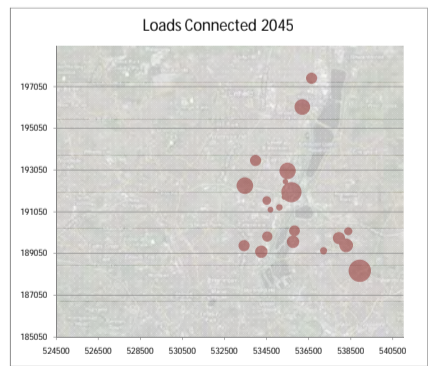
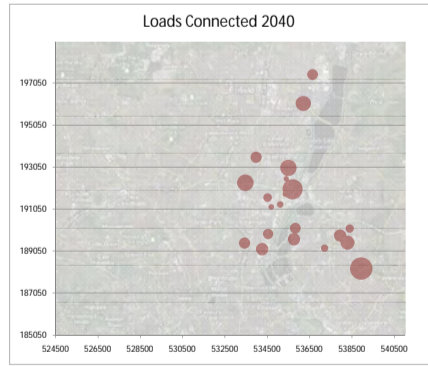
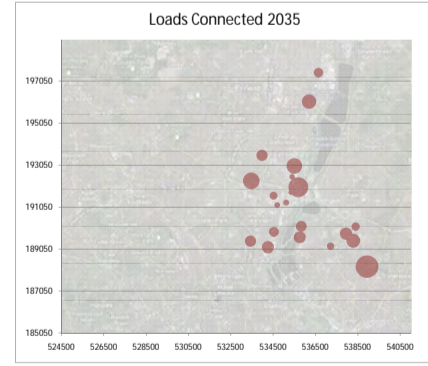
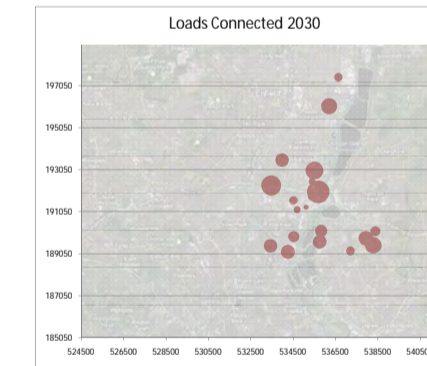
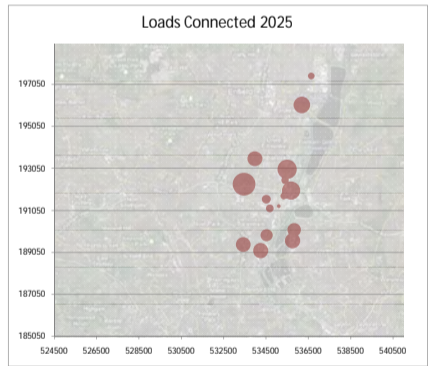
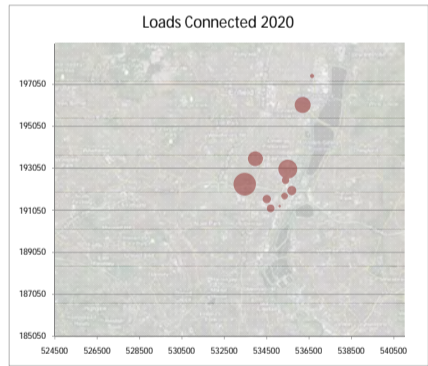
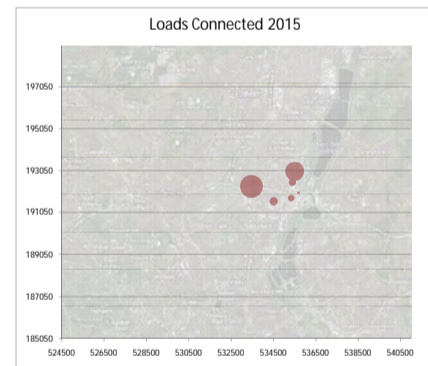
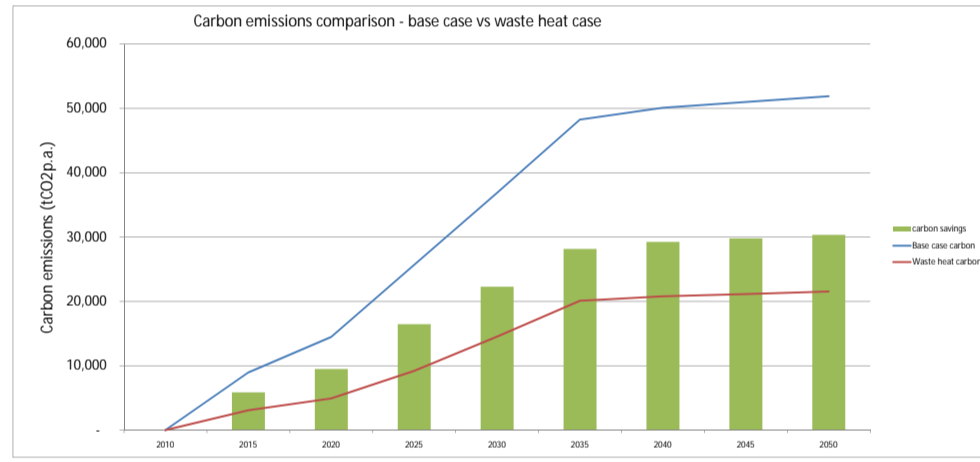
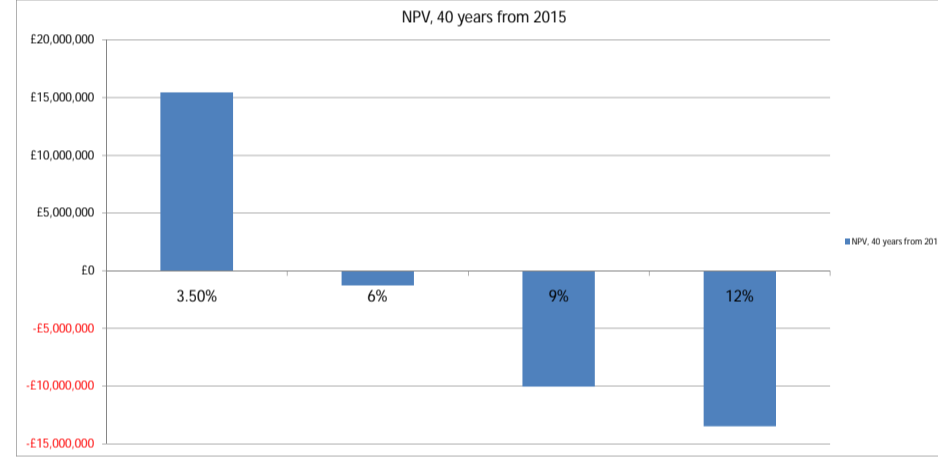
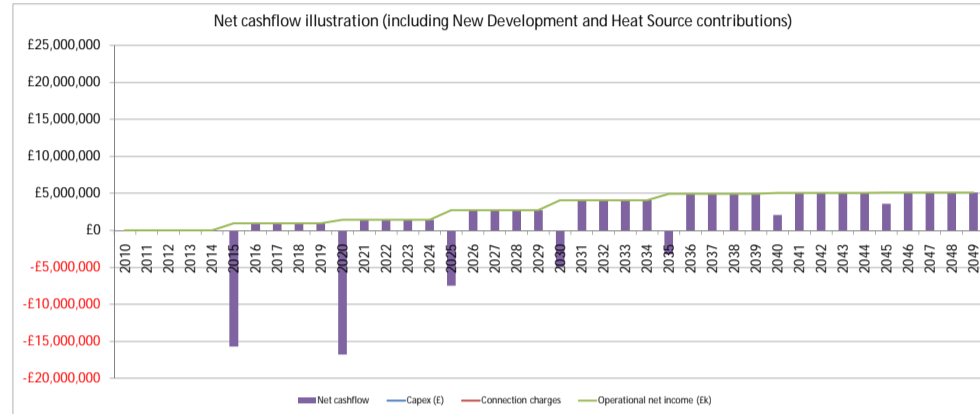
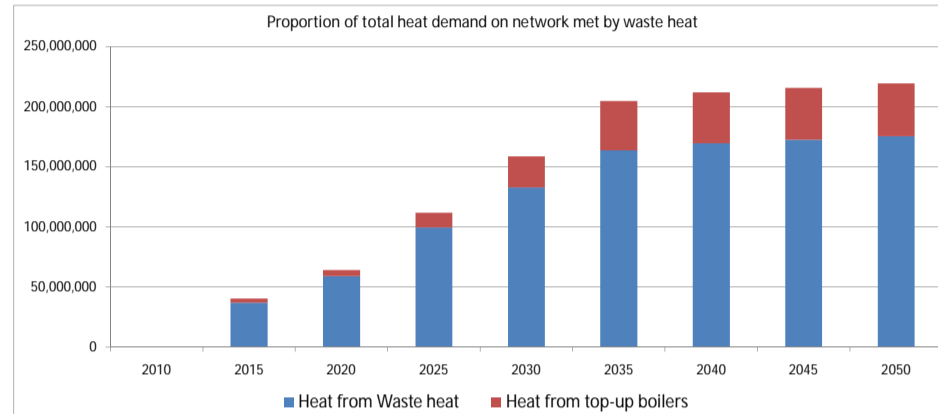
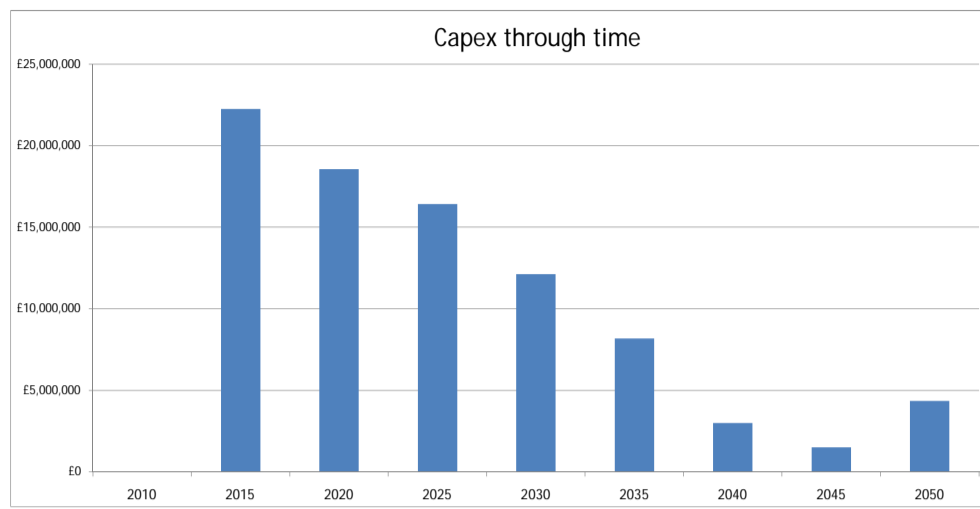
	2010	2015	2020	2025	2030	2035	2040	2045	2050
1 Blackhorse Lane North	-	-	-	-	8,008,987	8,752,192	9,123,795	9,309,597	9,495,398
2 Blackhorse Lane South	-	-	-	-	10,149,289	11,065,638	11,554,110	11,788,246	12,022,383
3 Broadwater Farm	-	-	-	-	-	-	-	-	-
4 Chase Farm Hospital	-	-	-	-	-	-	-	-	-
5 Cockfosters	-	-	-	-	-	-	-	-	-
6 Edmonton	-	-	-	9,393,859	9,469,875	9,621,907	9,697,923	9,735,931	9,773,939
7 Brimsdown Area	-	-	-	-	-	-	-	-	-
8 Enfield Town	-	-	-	-	-	-	-	-	-
9 Hornsey High Street / New River Village	-	-	-	-	-	-	-	-	-
10 Ilmova Park	-	-	-	-	-	-	-	-	-
11 Leyton Orient and Leyton Mills	-	-	-	-	-	-	-	-	-
12 Central Leaside (Meridian Water / Edmonton)	-	-	3,556,938	14,267,757	26,901,432	29,788,183	31,231,559	31,963,247	32,674,935
13 New Southgate	-	-	-	-	-	-	-	-	-
14 Hale Village / Greater Ashley Road	-	-	-	-	-	-	-	-	-
15 Marsh Lane	-	-	-	421,501	1,243,001	2,486,003	3,107,504	3,418,254	3,729,004
16 Lea Bridge Area (NOF)	-	-	-	-	-	-	-	-	-
17 Marsh Lane Area (NOF)	-	-	-	-	-	-	-	-	-
18 Palmers Green	-	-	-	-	-	-	-	-	-
19 Picketts Lock / Deephams STW	-	14,759,372	14,993,303	15,695,096	16,864,751	19,204,060	20,373,715	20,958,542	21,543,370
20 Ponders End / Southern Brimsdown	-	-	-	-	-	-	-	-	-
21 Southbury	-	-	-	-	-	-	-	-	-
22 Tottenham Hale	-	-	-	-	-	-	-	-	-
23 Tottenham Town Hall	-	-	-	-	-	-	-	-	-
24 Northumberland Park	-	-	-	3,259,470	3,848,268	5,025,862	5,614,660	5,909,058	6,203,457
25 Walthamstow Town Centre	-	-	-	-	-	-	-	-	-
26 Walthamstow Town Hall	-	-	-	-	-	-	-	-	-
27 Commercial Road / Silver Street	-	-	-	2,526,924	2,526,924	2,526,924	2,526,924	2,526,924	2,526,924
28 Whips Cross	-	-	-	-	-	-	-	-	-
29 Wood Green East	-	-	-	-	-	-	-	-	-
30 Wood Green North (Haringey Civic Centre)	-	-	-	-	-	-	-	-	-
31 Haringey Heartlands	-	-	-	-	-	-	-	-	-
32 Wood Street North	-	-	-	-	-	-	-	-	-
33 Wood Street South	-	-	-	-	-	-	-	-	-
34 NW4	-	-	-	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573
35 Coca Cola	-	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500
36 Ikea	-	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000
37 South Northumberland Park	-	-	35,219	88,048	176,096	352,191	440,239	484,263	528,287
38 Crown Road Industrial Estate	-	-	-	-	-	-	-	-	-



Key Parameters	
Heat Output	25.7 MWh
Assumed Running Hours	8000 Hours

Demand Build-up

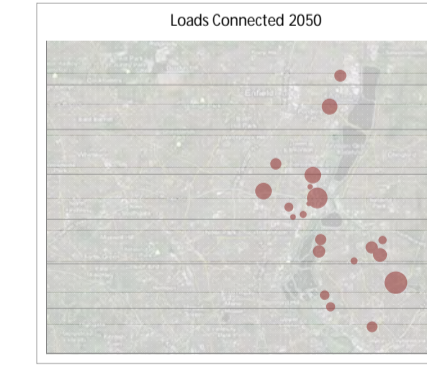
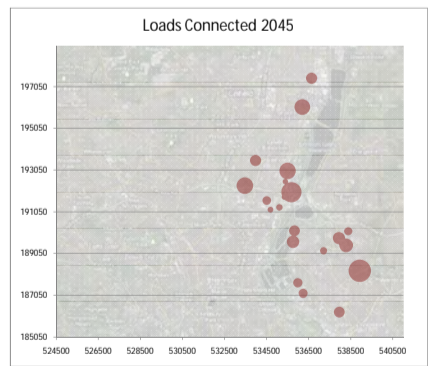
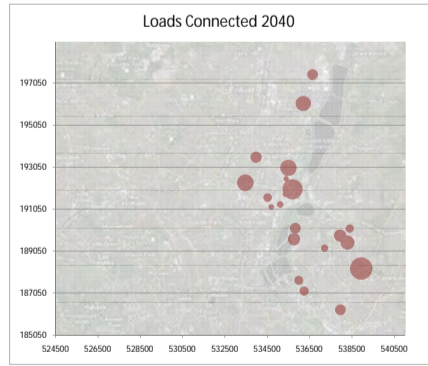
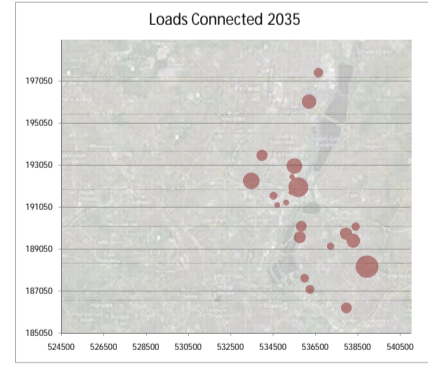
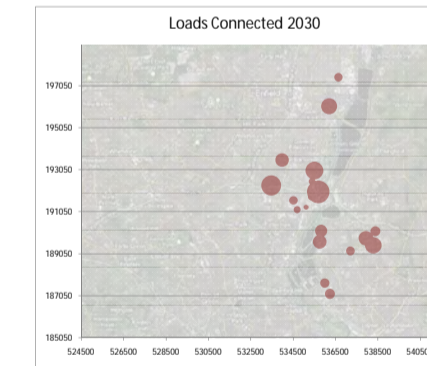
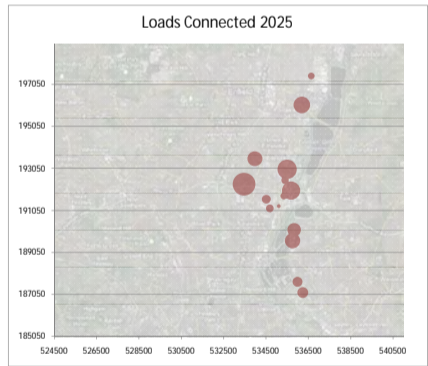
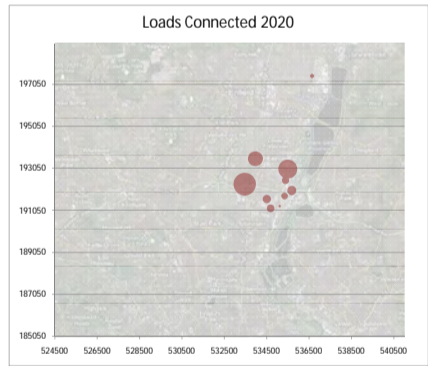
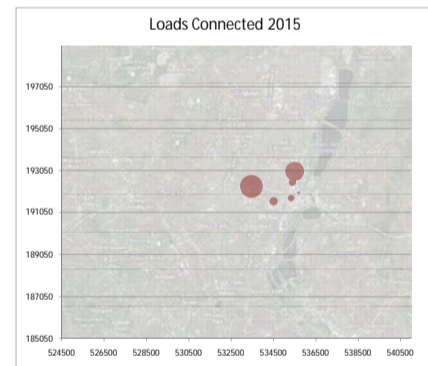
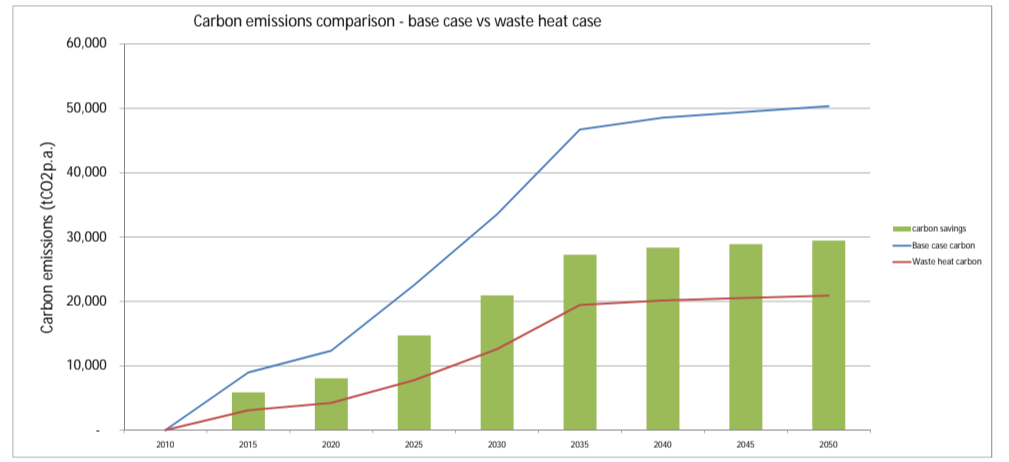
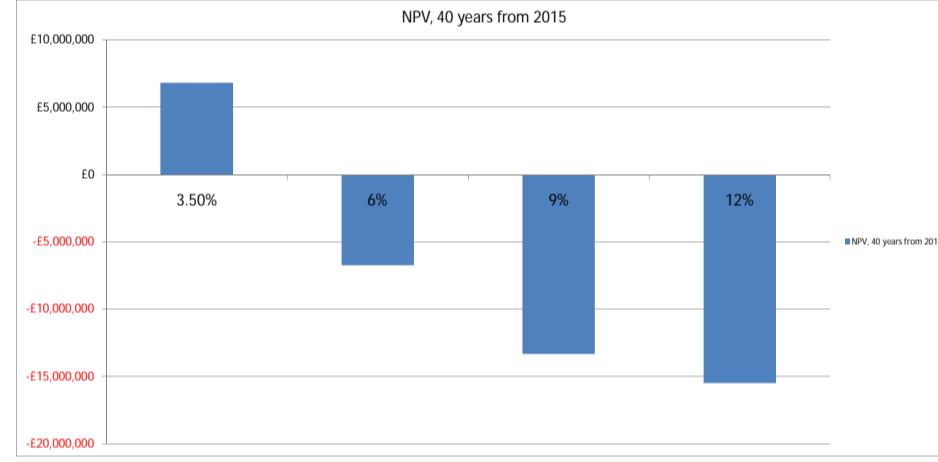
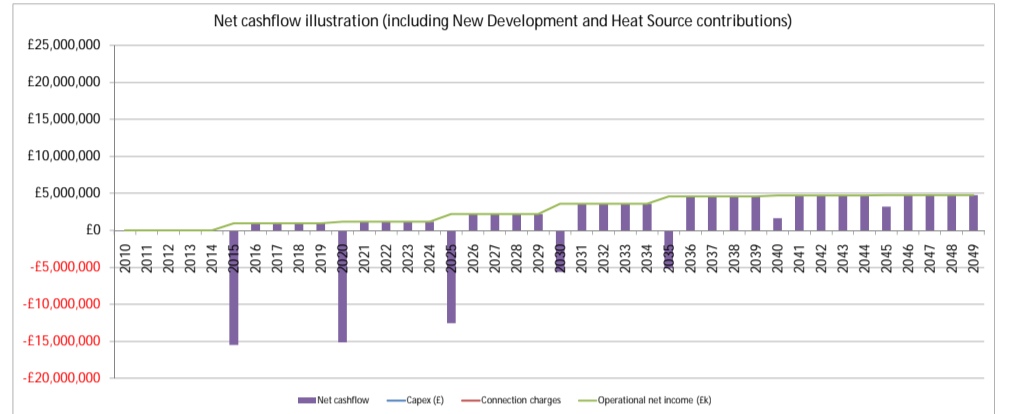
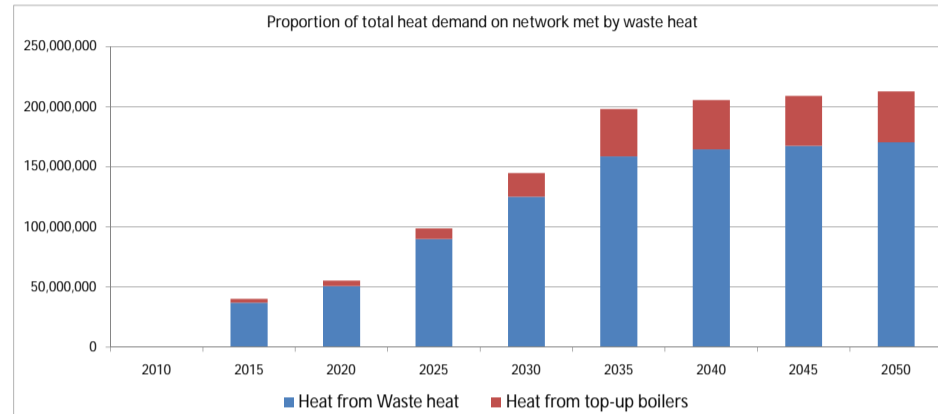
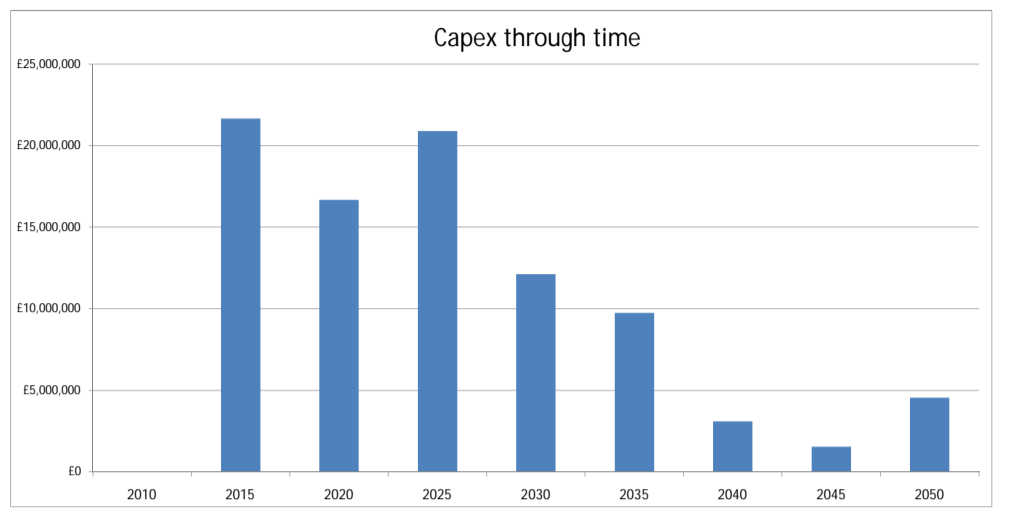
	2010	2015	2020	2025	2030	2035	2040	2045	2050
1 Blackhorse Lane North	-	-	-	7,637,384	8,008,987	8,752,192	9,123,795	9,309,597	9,495,398
2 Blackhorse Lane South	-	-	-	9,681,016	10,149,289	11,065,638	11,554,110	11,788,246	12,022,383
3 Broadwater Farm	-	-	-	-	-	-	-	-	-
4 Chase Farm Hospital	-	-	-	-	-	-	-	-	-
5 Cockfosters	-	-	-	-	-	-	-	-	-
6 Edmonton	-	-	-	9,348,249	9,393,859	9,449,075	9,421,907	9,497,923	9,773,939
7 Brimsdown Area	-	-	-	743,684	1,859,210	3,718,419	7,436,838	9,296,048	10,225,653
8 Enfield Town	-	-	-	-	-	-	-	-	-
9 Hornsey High Street / New River Village	-	-	-	-	-	-	-	-	-
10 Ilmova Park	-	-	-	-	-	-	-	-	-
11 Leyton Orient and Leyton Mills	-	-	-	-	-	-	-	-	-
12 Central Leaside (Meridian Water / Edmonton)	-	-	-	288,675	3,556,938	14,267,757	26,901,432	29,788,183	31,231,559
13 New Southgate	-	-	-	-	-	-	-	-	-
14 Hale Village / Greater Ashley Road	-	-	-	6,247,354	6,482,625	7,553,164	7,988,437	8,206,072	8,423,708
15 Marsh Lane	-	-	-	248,600	621,501	1,243,001	2,486,003	3,107,504	3,418,254
16 Lea Bridge Area (NOF)	-	-	-	-	-	-	-	-	-
17 Marsh Lane Area (NOF)	-	-	-	-	-	-	-	-	-
18 Palmers Green	-	-	-	-	-	-	-	-	-
19 Picketts Lock / Deephams STW	-	-	-	14,759,372	14,993,303	15,695,096	16,864,751	19,204,060	20,372,715
20 Ponders End / Southern Brimsdown	-	-	-	10,793,864	11,724,924	13,276,691	16,380,226	17,931,993	18,707,877
21 Southbury	-	-	-	-	-	-	-	-	-
22 Tottenham Hale	-	-	-	9,872,941	10,473,649	11,525,065	12,075,772	12,351,126	12,626,480
23 Tottenham Town Hall	-	-	-	8,855,033	9,480,033	9,480,033	9,480,033	9,480,033	9,480,033
24 Northumberland Park	-	-	-	2,788,433	2,906,192	3,259,470	3,848,268	5,025,842	5,614,660
25 Walthamstow Town Centre	-	-	-	-	-	-	3,986,723	3,986,723	3,986,723
26 Walthamstow Town Hall	-	-	-	-	-	-	11,366,711	11,366,711	11,366,711
27 Commercial Road / Silver Street	-	-	-	1,986,291	2,526,924	2,526,924	2,526,924	2,526,924	2,526,924
28 Whips Cross	-	-	-	-	-	-	39,166,515	39,166,515	39,166,515
29 Wood Green East	-	-	-	-	-	-	-	-	-
30 Wood Green North (Haringey Civic Centre)	-	-	-	-	-	-	-	-	-
31 Haringey Heartlands	-	-	-	-	-	-	-	-	-
32 Wood Street North	-	-	-	-	-	5,324,201	5,324,201	5,324,201	5,324,201
33 Wood Street South	-	-	-	-	-	14,611,865	14,735,516	14,797,347	14,828,254
34 MWT	-	-	-	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573
35 Coca Cola	-	-	-	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500
36 Ikea	-	-	-	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000
37 South Northumberland Park	-	-	-	2,512,672	2,512,672	2,512,672	2,512,672	2,512,672	2,512,672
38 Crown Road Industrial Estate	-	-	-	-	-	-	-	-	-



Key Parameters	
Heat Output	25.7 MWh
Assumed Running Hours	8000 Hours

Demand Build-up

	2010	2015	2020	2025	2030	2035	2040	2045	2050
1 Blackhorse Lane North	-	-	-	7,637,384	8,008,987	8,752,192	9,123,795	9,309,597	9,495,398
2 Blackhorse Lane South	-	-	-	9,681,016	10,149,289	11,085,638	11,554,110	11,788,246	12,022,383
3 Broadwater Farm	-	-	-	-	-	-	-	-	-
4 Chase Farm Hospital	-	-	-	-	-	-	-	-	-
5 Cockfosters	-	-	-	-	-	-	-	-	-
6 Edmonton	-	-	9,348,249	9,393,859	9,449,075	9,421,907	9,497,923	9,735,931	9,773,939
7 Brimsdown Area	-	-	743,684	1,859,210	3,718,419	7,436,838	9,296,048	10,225,653	11,155,257
8 Enfield Town	-	-	-	-	-	-	-	-	-
9 Hornsey High Street / New River Village	-	-	-	-	-	-	-	-	-
10 Ilmova Park	-	-	-	-	-	-	-	-	-
11 Leyton Orient and Leyton Mills	-	-	-	-	9,127,644	9,127,644	9,127,644	9,127,644	9,127,644
12 Central Leaside (Meridian Water / Edmonton)	-	288,675	3,556,938	14,267,757	26,901,432	29,788,183	31,231,559	31,953,247	32,674,935
13 New Southgate	-	-	-	-	-	-	-	-	-
14 Hale Village / Greater Ashley Road	-	-	-	-	-	-	-	-	-
15 Marsh Lane	-	-	248,600	621,501	1,243,001	2,486,003	3,107,504	3,418,254	3,729,004
16 Lea Bridge Area (NOF)	-	-	-	3,952,487	4,564,426	5,788,306	6,400,246	6,706,216	7,012,185
17 Marsh Lane Area (NOF)	-	-	-	5,086,315	5,424,761	6,101,653	6,440,099	6,609,322	6,778,545
18 Palmers Green	-	-	-	-	-	-	-	-	-
19 Picketts Lock / Deephams StW	-	14,759,372	14,993,303	15,695,096	16,864,751	19,204,060	20,373,715	20,958,542	21,543,370
20 Ponders End / Southern Brimsdown	-	-	-	11,724,924	13,276,691	16,380,226	17,931,993	18,707,877	19,483,761
21 Southbury	-	-	-	-	-	-	-	-	-
22 Tottenham Hale	-	-	-	-	-	-	-	-	-
23 Tottenham Town Hall	-	-	-	-	-	-	-	-	-
24 Northumberland Park	-	2,788,433	2,906,192	3,259,470	3,848,268	5,025,842	5,614,660	5,909,058	6,203,457
25 Walthamstow Town Centre	-	-	-	-	3,986,723	3,986,723	3,986,723	3,986,723	3,986,723
26 Walthamstow Town Hall	-	-	-	-	11,366,711	11,366,711	11,366,711	11,366,711	11,366,711
27 Commercial Road / Silver Street	-	1,986,291	2,526,924	2,526,924	2,526,924	2,526,924	2,526,924	2,526,924	2,526,924
28 Whips Cross	-	-	-	-	-	39,166,515	39,166,515	39,166,515	39,166,515
29 Wood Green East	-	-	-	-	-	-	-	-	-
30 Wood Green North (Haringey Civic Centre)	-	-	-	-	-	-	-	-	-
31 Haringey Heartlands	-	-	-	-	-	-	-	-	-
32 Wood Street North	-	-	-	-	5,324,201	5,324,201	5,324,201	5,324,201	5,324,201
33 Wood Street South	-	-	-	-	14,611,865	14,735,516	14,797,347	14,828,254	14,859,166
34 MWT	-	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573	21,387,573
35 Coca Cola	-	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500
36 Ikea	-	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000
37 South Northumberland Park	-	-	2,512,672	2,512,672	2,512,672	2,512,672	2,512,672	2,512,672	2,512,672
38 Crown Road Industrial Estate	-	-	-	-	-	-	-	-	-



Key assumptions Value to generator of heat sales - p/kWh
 Heat sales price 10% reduction on Business as usual
 Waste heat sale price 0.6 p/kWh
 Waste heat emissions f 0.058 gCO2/kWh
 Industrial take-up 30%

Summary modelling outputs
 Enfield Power Station (10% steam extraction)

Key Parameters	
Heat Output	26 MWth
Assumed Running Hours	8000 Hours

Demand Build-up

	2010	2015	2020	2025	2030	2035	2040	2045	2050
1 Blackhorse Lane North	-	-	-	-	-	8,752,192	9,123,795	9,309,597	9,495,398
2 Blackhorse Lane South	-	-	-	-	-	11,085,638	11,554,116	11,788,246	12,022,383
3 Broadwater Farm	-	-	-	-	-	-	5,657,271	5,883,552	6,109,833
4 Chase Farm Hospital	-	-	-	-	29,882,414	29,882,414	29,882,414	29,882,414	29,882,414
5 Cockfosters	-	-	-	-	-	-	-	-	-
6 Edmontan	-	-	-	-	-	-	9,697,923	9,735,931	9,773,939
7 Brimsdown Area	-	-	-	1,859,210	3,718,419	7,436,838	9,296,048	10,225,653	11,155,257
8 Enfield Town	-	-	-	-	14,512,004	14,512,004	14,512,004	14,512,004	14,512,004
9 Hornsey High Street / New River Village	-	-	-	-	-	-	-	-	-
10 Imvros Park	-	-	-	-	-	-	-	-	-
11 Leyton Orient and Leyton Mills	-	-	-	-	-	-	9,127,644	9,127,644	9,127,644
12 Central Leaside (Meridian Water / Edmontan)	-	-	-	14,267,757	26,901,432	29,788,183	31,231,559	31,953,247	32,674,935
13 New Southgate	-	-	-	-	-	-	7,988,437	8,206,072	8,423,708
14 Hale Village / Greater Ashley Road	-	-	-	-	-	-	-	-	-
15 Marsh Lane	-	-	-	-	1,243,001	2,486,003	3,107,504	3,418,254	3,729,004
16 Lea Bridge Area (NOF)	-	-	-	-	-	-	-	6,706,216	7,012,185
17 Marsh Lane Area (NOF)	-	-	-	-	-	-	-	6,609,322	6,778,545
18 Palmers Green	-	-	-	-	-	-	9,591,849	9,591,849	9,591,849
19 Picketts Lock / Deepcham StW	-	-	-	15,695,096	16,864,751	19,204,060	20,373,715	20,958,542	21,543,370
20 Ponders End / Southern Brimsdown	-	-	-	-	11,724,924	13,276,691	16,380,226	17,931,993	18,707,877
21 Southbury	-	-	-	-	4,016,961	4,016,961	4,016,961	4,016,961	4,016,961
22 Tottenham Hale	-	-	-	-	-	-	3,757,022	4,032,376	4,307,730
23 Tottenham Town Hall	-	-	-	-	-	-	9,680,033	9,680,033	9,680,033
24 Northumberland Park	-	-	-	-	3,848,268	5,025,862	5,614,660	5,909,058	6,203,457
25 Walthamstow Town Centre	-	-	-	-	-	-	-	3,986,723	3,986,723
26 Walthamstow Town Hall	-	-	-	-	-	-	-	11,366,711	11,366,711
27 Commercial Road / Silver Street	-	-	-	-	-	2,526,924	2,526,924	2,526,924	2,526,924
28 Whips Cross	-	-	-	-	-	-	-	39,166,515	39,166,515
29 Wood Green East	-	-	-	-	-	-	-	-	-
30 Wood Green North (Haringey Civic Centre)	-	-	-	-	-	-	-	-	-
31 Haringey Heartlands	-	-	-	-	-	-	-	-	-
32 Wood Street North	-	-	-	-	-	-	-	5,324,201	5,324,201
33 Wood Street South	-	-	-	-	-	-	-	14,828,254	14,859,166
34 NW4	-	-	-	-	-	21,387,573	21,387,573	21,387,573	21,387,573
35 Coca Cola	-	-	-	-	2,287,500	2,287,500	2,287,500	2,287,500	2,287,500
36 Ikea	-	-	-	-	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000
37 South Northumberland Park	-	-	-	-	176,096	352,191	440,239	484,263	528,287
38 Crown Road Industrial Estate	-	-	-	-	3,201,761	4,368,323	6,521,446	7,628,007	8,181,288
									8,734,569

