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## C-Plan Energy Statements

Please provide further details on the feasibility carbon emissions reduction measures you plan to install. Click **EDIT** to enter or change details.

[Development Details](#)
[Energy and TER](#)
[Energy Efficiency](#)
[Low or Zero Carbon](#)
[Feasibility Check](#)

### Feasibility Check

Category	ES_ID
CHP (Combined Heat and Power)	748
SHW (Solar Hot Water)	749
PV (Photovoltaic Solar Electric Panels)	741
GSHP (Ground Source Heat Pump)	749
Biomass	749
Wind Turbine	749
ASHP (Air Source Heat Pump)	749

[Previous](#)
[Go To Submission Page](#)
[View Results](#)



**ECSC**  
Energy Centre for  
Sustainable Communities

**Thameswey**  
Ltd

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Sustainability Planning Tools

Welcome mark@oleinvestments.com

- CATEGORY      CHP (Combined Heat and Power)
- Q1.      Has a CHP study been done?  
       Yes  No
  - Q2.      Is there a regular hot water demand all year round (at least 4,000hours)?  
       Yes  No
  - Q3.      Is there a regular hot water demand in winter with cooling in summer?  
       Yes  No
  - Q4.      Is there a daytime demand for electricity in building(s)?  
       Yes  No
  - Q5.      Can electricity be exported at low incurred cost or reasonable benefit?  
       Yes  No
  - Q6.      Will the heating or/and cooling system be centralised (communal system)?  
       Yes  No
  - Q7.      Is there sufficient space for a CHP plant in the basement or ground floor?  
       Yes  No
  - Q8.      Can a plant room be located nearby?  
       Yes  No
  - Q9.      Will installation of plant constitute minimal acoustic and/or visual impact on local area?  
       Yes  No
  - Q10.        
       Yes  No

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- CATEGORY**      SHW (Solar Hot Water)
- Q1.      Is there a regular daytime hot water demand in summer?  
 Yes  No
- Q2.      Will the building(s) have a flat or SE to SW (through south) roof/wall?  
 Yes  No
- Q3.      Can stand alone panels be mounted e.g. on garages and frames?  
 Yes  No
- Q4.      Will the roof/wall area be free from over shading?  
 Yes  No
- Q5.      Will panels protrude more than 150mm above roof/wall plane?  
 Yes  No
- Q6.      Will installation be on principal elevation fronting a highway?  
 Yes  No
- Q7.      Is development in conservation area or world heritage site?  
 Yes  No
- Q8.        
 Yes  No
- Q9.        
 Yes  No
- Q10.        
 Yes  No

<input checked="" type="button" value="Save and Close"/> <input type="button" value="Cancel"/>
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- CATEGORY PV (Photovoltaic Solar Electric Panels)
- Q1. Is there a daytime electricity demand in summer?  
 Yes  No
- Q2. Can electricity be exported at reasonable cost?  
 Yes  No
- Q3. Will the building(s) have a flat or SE - SW (through south) roof/wall?  
 Yes  No
- Q4. Can stand alone panels be mounted e.g. on garages and frames?  
 Yes  No
- Q5. Will panels protrude more than 150mm above roof/wall plane?  
 Yes  No
- Q6. Will installation be on principal elevation fronting a highway?  
 Yes  No
- Q7. Is development in conservation area or world heritage site?  
 Yes  No
- Q8.  Yes  No
- Q9.  Yes  No
- Q10.  Yes  No

Sustainability Planning Tools

Widomaa mark@bywww.threerivers.com

CATEGORY	GSHP (Ground Source Heat Pump)
Q1.	Is there space heating and/or cooling demand in building(s)? <input checked="" type="radio"/> Yes <input type="radio"/> No
Q2.	Is there suitable land area for a horizontal buried pipe? <input checked="" type="radio"/> Yes <input type="radio"/> No
Q3.	Is ground drilling permitted for a vertical pipe system? <input checked="" type="radio"/> Yes <input type="radio"/> No
Q4.	Is the ground free from obstructions to a depth of 1 – 3m or more? <input checked="" type="radio"/> Yes <input type="radio"/> No
Q5.	Will the heating system be centralised (communal system)? <input type="radio"/> Yes <input checked="" type="radio"/> No
Q6.	Can it be designed for low temperature distribution/under floor heating? <input checked="" type="radio"/> Yes <input type="radio"/> No
Q7.	Is development in a flood plain or archaeological sensitive site? <input checked="" type="radio"/> Yes <input type="radio"/> No
Q8.	<input type="radio"/> Yes <input checked="" type="radio"/> No
Q9.	<input type="radio"/> Yes <input checked="" type="radio"/> No
Q10.	<input type="radio"/> Yes <input checked="" type="radio"/> No