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Climate Change Statement Information Proforma

Planning

**May 2024**

Climate Change Statement Information Proforma

See the Planning for [Climate Change Supplementary Planning Document (SPD)](https://www.newforest.gov.uk/article/3591) and the [Net Zero Carbon Toolkit](https://cotswold.gov.uk/netzerocarbontoolkit) for further information and guidance.

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| **Climate Change Mitigation and Zero Carbon** | | |
| **Aspect / requirement** | **Designed** | **Developer comments** (description/justification/calculations/assumptions) |
| CCS 1: Minimising energy demand and targeting net zero carbon in operation | | |
| CCS 1a: Minimising energy demand by design | | |
| Electrical energy demand | \_\_\_ kWh / pa |  |
| Installed renewable electrical capacity (target: 35 kWh/m2GIA/year) | \_\_\_ kWh solar PV / wind / CHP / district heat network |  |
| Insulation | At / above building regs |  |
| Low carbon lighting installed | Yes / No |  |
| Energy efficient appliances included | Yes / No |  |
| Orientation for solar gain | Yes / No |  |
| Orientation for PV optimisation | Yes / No |  |
| Passive ventilation installed | Yes / No |  |
| Passive shading installed | Yes / No |  |
| CCS 1b: Low carbon heating systems | | |
| Heat type | Gas / Heat pump / Electric other |  |
| Zero Carbon ready (if not met) | Yes / No |  |
| CCS 1c: Energy use and carbon calculations | | |
| Total operational energy demand (EUI) (target: under 35kWh/m2GIA/year) | \_\_\_ kWh/m2GIA/year |  |
| Building CO2e | \_\_\_ CO2e/m2GIA/year |  |
| Space heat demand (target: 15 kWh/m2GIA/year) | \_\_\_ kWh/m2GIA/year |  |
| Whole development CO2e | CO2e/tonnes/year |  |
| CCS 1d: Smart energy systems | | |
| Smart energy use system (smart meter) | Yes / No |  |
| Heating controls/system | Yes / No |  |
| Renewable energy generator monitor | Yes / No |  |
| Installed demand response measures | Yes / No |  |
| CCS 1e: future proofing statement | | |
| If heat pump not installed: Future proofing for heat pump statement |  | [text] |
| CCS 1f: option to purchase heat pump pre-installation | | |
| If heat pump not installed: Buyer able to purchase heat pump system from developer at discounted supplementary cost? | Yes / No |  |
| CCS 2: Onsite renewable energy generation | | |
| CCS 2a: onsite renewable energy | | |
| Description of renewable approach |  | [text] |
| CCS 2b: renewable energy generation calculation | | |
| Onsite renewable energy generation total (target: 120 kWh/m2/year) | \_\_\_ kWh/year  \_\_\_% of 120 kWh/m2/year  \_\_\_% of EUI (see SSC 1: 1c) |  |
| Onsite renewable energy generation per m2 of building development footprint | \_\_\_ kWh/year  \_\_\_% of 120 kWh/m2/year  \_\_\_% of EUI (see SSC 1: 1c) |  |
| Is regulated energy use met by onsite renewable generation? If no, please justify how best outcome achieved | Yes / No |  |
| CCS 2c: Option to purchase PV pre-installation | | |
| If PV not installed: Buyer able to purchase PV system from developer at discounted supplementary cost? | Yes / No |  |
| CCS 3: Embodied carbon | | |
| CCA 3a: Reducing embodied carbon in the construction process | | |
| Describe steps taken to reduce emissions in the construction process e.g. sourcing and type of materials |  | [text] |
| CCA 3b: Reducing embodied carbon for the full lifecycle of the building (all major developments of 50+ dwellings or 1000m2 GIA of other uses) | | |
| Describe steps taken to reduce emissions for the full lifecycle of the building e.g. sourcing and type of materials, maintenance considerations, end of life options |  | [text] |
| CCS 4: Sustainable travel | | |
| CCS 4a: Cycle parking and EV charging | | |
| Number of secure and accessible cycle parking space | \_\_\_ total  \_\_\_ per dwelling / building |  |
| Number of EV chargers installed | \_\_\_ total  \_\_\_ per dwelling / building |  |
| Capacity of EV chargers installed | kWh |  |
| Site EV ready only | Yes / No |  |
| CCS 4b: Building for a healthy life (residential development 50+ homes only) | | |
| Has the ‘Building for a Healthy Life’ design toolkit been used? | Yes / No |  |
| Out of the 12 considerations, how many have been agreed as ‘green’ rated overall by the planning officer(s)? | \_\_\_ / 12 |  |

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| **Climate Change Adaptation** | | |
| **Aspect / requirement** | **Designed** | **Developer comments** (description/justification/calculations/assumptions) |
| CCS 5: Avoiding Overheating | | |
| CCS 5a: Natural heatwave mitigation (all major development) | | |
| Describe how heatwave mitigation has informed the planting and landscaping strategy |  | [text] |
| Describe how heatwave mitigation has informed the choice of building materials and surfaces e.g. orientation, cross-ventilation |  | [text] |
| CCS 5b: Overheating | | |
| Provide the overall score and rating from the Good Homes Alliance Early-Stage Overheating Risk Tool (pg.7) | \_\_\_ / high/medium/low |  |
| CCS 5c: Mechanical Ventilation and Heat Recovery | | |
| Will MVHC be provided? | Yes / No |  |
| CCS 6: Flood risk reduction and sustainable drainage systems (SuDS) | | |
| CCS 6a: Managing surface water run-off | | |
| Will the development include any hard standing or paved surfaces that would not be water permeable? | Yes / No |  |
| CCS 6b: Sustainable Drainage Systems (SuDS) | | |
| Describe how SuDS have been designed and specified as an integrated part of the site design |  | [text] |
| CCS 6c: Flood resilience measures |  |  |
| Summarise and provide a cross-reference to the section of the Flood Risk assessment that addresses proposed flood prevention and flood resilience measures |  | [text] |
| CCS 7: Drought resilience and using water efficiently | | |
| CCS 7a: Reducing mains water use |  |  |
| Confirm water use efficiency standard the development is specified to achieve (target: 110 litres / person / day) | \_\_\_ litres / person / day |  |
| Will water butts be provided in all gardens/yard spaces? | Yes / No |  |
| Describe any other water efficiency measures proposed e.g. grey water recycling, water flow restrictors |  | [text] |