

Sustainability & Renewables

We adopt the energy hierarchy as detailed in the Renewables Toolkit first published in 2004 by the London Energy Partnership. These are as follows:-

- Be Lean, and use less energy.
- Be Mean, and select the most efficient plant.
- Be Green, and implement renewable energy technology where possible.
- Be Clean, and supply energy efficiently.

Therefore our strategy is as follows:-

1. To reduce demand and achieve end use demand effectively.
2. Incorporate energy management system and controls to both mechanical and electrical services.
3. Champion the use of daylighting and natural/passive ventilation wherever possible.
4. Incorporate renewable and sustainable technology/system wherever possible.
5. Supply from low carbon sources.

The following renewable energy technologies/systems are often considered:-

- Air source heat pumps
- Photovoltaics
- Solar hot water heating
- Gas fired heating and power
- Wind turbine
- Biomass heating and combined heat and power (CHP)
- Ground source heating/cooling
- Rainwater collection and recycled grey water systems

With the above in mind proposals must be effective, affordable, and complimentary to the project.