

Carbon Neutral house
Ideas Selection Sheets



Aspect: Carbon Neutral energy for appliances

<u>Ideas</u>	<u>Advantages</u>	<u>Disadvantages</u>	<u>Decision</u>
Photo voltaic solar panels	<ul style="list-style-type: none"> • Low maintenance • Free power from source • No planning permission needed • No moving parts so quite 	<ul style="list-style-type: none"> • Expensive to buy • No energy produced at night 	<p>Go for this and try to get a government grant to offset the high instillation cost</p> <p>See cost sheet</p>
Wind Generator	<ul style="list-style-type: none"> • Free power from source. • Could supply power at night • May be cost effective if shared with other houses on the development 	<ul style="list-style-type: none"> • Planning permission needed. • Some maintenance needed. • Little energy produced during calm periods. • Noisy 	<p>Reject because of possible planning problems in an urban location</p>
Mains Supply	<ul style="list-style-type: none"> • Constant supply 	<ul style="list-style-type: none"> • High carbon footprint 	<p>Use as an emergency backup</p>