greendirections

Tackling Climate Change at Green Directions

Strategies

Technology

- Renewables
- Water system
- Insulation
- Ground source heat pump

Strategies

Tradition

- Composting
- Recycling
- Producing own meat
- Making hams, chorizos, salamis, bacon
- Growing own vegetables and fruit
- Making jams and pickles
- Freezing meat, vegetables and fruit
- Spreading the message

Green Directions Energy Performance

	Nat. Average	Green Directions	Factor
Energy Use kwh	21,300	30,000	1.4
House size sqM	80	600	7.5

FIT @ Green Directions

Technology	Output kwh/year	FIT rate p/kwh	Income £/year
Proven 6 kw	14,000	9	1,260.00
Xzeres 10 kw	24,000	28	6,720.00
Solar panels	3,500	43.3	1,515.50
Totals	41,500		9,495.50

FIT @ Green Directions 2

	Generation kwh	CO2 saved tonnes	Value £
Total electricity generation	41,500	22.2	9,495.50
Electricity not bought (75% generation @ 15p/kwh)	30,750		4,612.00
Totals	41,500	22.2	14,107.50

4 kw Solar Panel FIT Illustration

	Cost £	kwh	Income £/yr	PB years	PB8%/10yrs
Installation	15,000	3,500			
Maintenance (@200 per annum)	200 x ?				
Generation	3,500		1,515		
Saving on Electricity (75% generation)			393		
Totals			1,908	8	12