

Estimated minimum returns copied from original quote.

Investment 0%	Year	Feed in tariff	energy saving	export tariff	Total financial benefit	
£16,585.00	1	570.09	2,037.50	339.70	£2,947.29	
£16,585.00	5	3,036.84	12,223.05	2,037.87	£17,297.76	Payback Yr4?
£16,585.00	10	6,586.18	31,133.48	5,190.67	£42,910.33	
£16,585.00	15	10,734.50	60,390.03	10,068.42	£81,192.95	
£16,585.00	20	15,582.89	105,653.19	17,614.84	£138,850.92	

Accountant prepared spreadsheet with quoted returns inserted.

yield – 13837 kWh - inflation – 2%, energy increase figure – 6%, unit cost 15.5p - 95% usage - fit 4.12p - export 50% 4.91p

Investment 4.24%		inflation	price increase	inflation	Annual benefit	Accrued benefit	Payback during yr
0.0424		0.02	0.06	0.02			* without interest
£16,585.00							with interest on
£17,288.20	1	570.09	2,037.50	339.70	£2,947.29	£2,947.00	investment
£18,021.22	2	581.49	2,159.75	346.49	£3,087.74	£6,035.03	
£18,785.32	3	593.12	2,289.34	353.42	£3,235.88	£9,270.91	
£19,581.82	4	604.98	2,426.70	360.49	£3,392.17	£12,663.08	
£20,412.09	5	617.08	2,572.30	367.70	£3,557.08	£16,220.16	
£21,277.56	6	629.43	2,726.63	375.06	£3,731.12	£19,951.28	6*
£22,179.73	7	642.01	2,890.23	382.56	£3,914.80	£23,866.08	7
£23,120.15	8	654.85	3,063.65	390.21	£4,108.71	£27,974.79	
£24,100.45	9	667.95	3,247.47	398.01	£4,313.43	£32,288.22	
£25,122.31	10	681.31	3,442.31	405.97	£4,529.60	£36,817.82	
£26,187.49	11	694.94	3,648.85	414.09	£4,757.88	£41,575.70	
		<u>6,937.26</u>	<u>30,504.72</u>	<u>4,133.71</u>		<u>£41,575.70</u>	

Accountant prepared spreadsheet with current data inserted – 95% usage is an estimate to keep comparisons similar.

yield – 9880kWh - inflation – 3.3%, energy increase figure – 6%, unit cost 15.5p - 95% usage - fit 4.39p - export 50% 5.24p

Investment 4.24%		inflation rpi	price increase	inflation rpi	Annual benefit	Accrued benefit	
0.0424		0.033	0.06	0.033			
£16,585.00							
£17,288.20	1	433.72	1,454.83	258.86	£2,147.41	£2,147.41	
£18,021.22	2	448.03	1,542.12	267.40	£2,257.55	£4,404.96	
£18,785.32	3	462.82	1,634.65	276.23	£2,373.69	£6,778.66	
£19,581.82	4	478.09	1,732.73	285.34	£2,496.16	£9,274.82	
£20,412.09	5	493.87	1,836.69	294.76	£2,625.32	£11,900.13	
£21,277.56	6	510.17	1,946.89	304.49	£2,761.54	£14,661.67	
£22,179.73	7	527.00	2,063.70	314.53	£2,905.24	£17,566.91	7*
£23,120.15	8	544.39	2,187.53	324.91	£3,056.83	£20,623.74	
£24,100.45	9	562.36	2,318.78	335.64	£3,216.77	£23,840.51	
£25,122.31	10	580.91	2,457.90	346.71	£3,385.53	£27,226.04	10
£26,187.49	11	600.08	2,605.38	358.15	£3,563.62	£30,789.66	
		5,641.44	21,781.19	3,367.02		£30,789.66	

Using annual saving from Eon statement - 1166 kWh @ 15.5p = £180.73 with actual generation & similar consumption.

Solar usage 1166 of 9880 = 12%

Investment 4.24%		inflation rpi	price increase	inflation rpi	Annual benefit	Accrued benefit	Balance
0.0424		0.033	0.06	0.033			
£16,585.00							
£17,288.20	1	433.72	180.73	258.86	£873.31	£873.31	£16,414.89
£18,021.22	2	448.03	191.57	267.40	£907.01	£1,780.32	£16,240.90
£18,785.32	3	462.82	203.07	276.23	£942.11	£2,722.43	£16,062.89
£19,581.82	4	478.09	215.25	285.34	£978.69	£3,701.12	£15,880.70
£20,412.09	5	493.87	228.17	294.76	£1,016.79	£4,717.91	£15,694.18
£21,277.56	6	510.17	241.86	304.49	£1,056.51	£5,774.42	£15,503.14

£22,179.73	7	527.00	256.37	314.53	£1,097.90	£6,872.32	£15,307.41
£23,120.15	8	544.39	271.75	324.91	£1,141.06	£8,013.38	£15,106.77
£24,100.45	9	562.36	288.06	335.64	£1,186.05	£9,199.43	£14,901.02
£25,122.31	10	580.91	305.34	346.71	£1,232.97	£10,432.39	£14,689.91
£26,187.49	11	600.08	323.66	353.65	£1,277.39	£11,709.78	£14,477.71
£27,297.84	12	619.89	343.08	365.32	£1,328.28	£13,038.07	£14,259.78
		<u>6,261.33</u>	<u>3,048.90</u>	<u>3,727.83</u>		<u>£13,038.07</u>	

Purchased / usage 15/10/16 – 15/10/17 – 20255 kWh

Purchased / usage 15/10/17 – 15/10/18 – 19089 kWh