

RHI Projections for Biomass

Based on 50kW air handling unit replacing oil burner using £4000 worth of oil per year

Average Energy price rise	5%
Average RPI rise	3%
Size of System kW	50
Total kW/hrs	1514

Year	Energy Savings	Tier 1 Payment	Tier 2 Payment	Total Benefit	Acc Benefit
1	£2,000	£5,650	£220	£7,870	£7,870
2	£2,100	£5,820	£227	£8,146	£16,017
3	£2,205	£5,994	£233	£8,433	£24,449
4	£2,315	£6,174	£240	£8,730	£33,179
5	£2,431	£6,359	£248	£9,038	£42,217
6	£2,553	£6,550	£255	£9,358	£51,575
7	£2,680	£6,747	£263	£9,690	£61,264
8	£2,814	£6,949	£271	£10,034	£71,298
9	£2,955	£7,158	£279	£10,391	£81,689
10	£3,103	£7,372	£287	£10,762	£92,451
11	£3,258	£7,593	£296	£11,147	£103,598
12	£3,421	£7,821	£305	£11,546	£115,144
13	£3,592	£8,056	£314	£11,961	£127,106
14	£3,771	£8,298	£323	£12,392	£139,497
15	£3,960	£8,546	£333	£12,839	£152,336
16	£4,158	£8,803	£343	£13,303	£165,640
17	£4,366	£9,067	£353	£13,786	£179,426
18	£4,584	£9,339	£364	£14,287	£193,712
19	£4,813	£9,619	£375	£14,807	£208,519
20	£5,054	£9,908	£386	£15,347	£223,866
TOTALS	66,131.91	151,822.99	5,911.48	223,866.38	