



# SOL ENERGY

## RENEWABLE ENERGY SOLUTIONS

### RHI Projections for Biomass

Energy Inflation	5%	The Energy savings are based on burning around 100 Kgs of waste wood a day for around 200 days per year. If more is burnt then Tier 2 payments will be added to the returns.
Average RPI rise	3%	
Size of System kW	60	
Total kW/hrs	78840	
RHI Rate	£0.0418	

Year	Energy Savings	Tier 1 Payment	Tier 2 Payment	Total Benefit	Acc Benefit
1	£2,365	£3,296	£0	£5,661	£5,661
2	£2,483	£3,394	£0	£5,878	£11,538
3	£2,607	£3,496	£0	£6,104	£17,642
4	£2,738	£3,601	£0	£6,339	£23,981
5	£2,875	£3,709	£0	£6,584	£30,564
6	£3,018	£3,820	£0	£6,839	£37,403
7	£3,169	£3,935	£0	£7,104	£44,508
8	£3,328	£4,053	£0	£7,381	£51,888
9	£3,494	£4,175	£0	£7,669	£59,557
10	£3,669	£4,300	£0	£7,969	£67,526
11	£3,852	£4,429	£0	£8,281	£75,807
12	£4,045	£4,562	£0	£8,607	£84,414
13	£4,247	£4,699	£0	£8,946	£93,360
14	£4,460	£4,840	£0	£9,299	£102,659
15	£4,683	£4,985	£0	£9,667	£112,326
16	£4,917	£5,134	£0	£10,051	£122,377
17	£5,162	£5,288	£0	£10,451	£132,828
18	£5,421	£5,447	£0	£10,868	£143,696
19	£5,692	£5,610	£0	£11,302	£154,998
20	£5,976	£5,779	£0	£11,755	£166,753
<b>TOTALS</b>	<b>78,200.98</b>	<b>88,551.64</b>	<b>0.00</b>	<b>166,752.62</b>	