

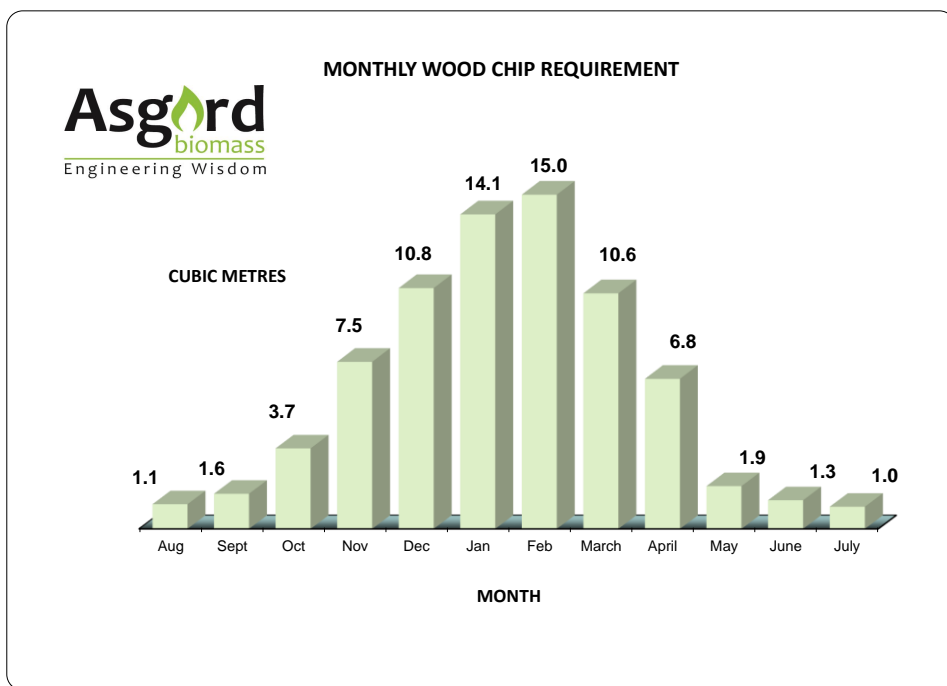
Monthly Fuel and Cost Calculator Wood Chip Boiler 50kW

Installation Data

Boiler Size	50 kW
Annual heat Use	65,700 kWh/yr
Annual Operating hours	1314 kWh/m ³
Chip Energy 'Volume'	870 kWh/m ³
Chip Density	250 kg/m ³
Chip Energy 'Mass'	3.5 kWh/kg
Cost of Chip/Tonne	£ 90.00 /Tonne

Monthly Heat Output, Fuel Requirement and Cost

Month	Monthly Heating			Chip Consumption		Monthly Cost
	%	kWh	Hours	tonnes	m ³	£
Aug	1%	972	19	0.28	1.1	25
Sept	2%	1,386	28	0.40	1.6	36
Oct	5%	3,180	64	0.91	3.7	82
Nov	10%	6,557	131	1.87	7.5	169
Dec	14%	9,428	189	2.69	10.8	242
Jan	19%	12,299	246	3.51	14.1	316
Feb	20%	13,068	261	3.73	15.0	336
March	14%	9,224	184	2.64	10.6	237
April	9%	5,893	118	1.68	6.8	152
May	3%	1,688	34	0.48	1.9	43
June	2%	1,130	23	0.32	1.3	29
July	1%	874	17	0.25	1.0	22
Total	100%	65,700	1314	18.8	75.5	£1,689



Information is provided as a guide only. Figures are based on a boiler operating at its rated output for 1314 hours per annum i.e. max RHI Tier 1 allowance. No allowance for boiler efficiency has been made. Monthly output data is based on national domestic averages.