

Date	Weather Outside	Stove temp	outside temp	Total 24hr fuel load	Time 24hr	Fuel load Kg's	Kitchen	Hall	Dining	Lounge	Landing	Bed2	ensuite2	Bed3	Bath3	Bed1	Ensuite 1	Bed 4	Office
sat4 12 10	grey	90	1	6	16:00	6	23	21.7	21.7	21.3	20.8	20	19.8	21.1	20.7	19.5	18.9	door shut	door shut
sun5 12 10	frosty	23	-1	5	06:15	5	24.2	23.5	23.1	22.9	22.4	21.6	21.5	22	21.6	20	19.2	door shut	door shut
mon6 12 10	frost/windy	30	-3	5	06:00	5	19.7	18.7	19.4	18.2	18.3	17.7	17.5	18.4	18	17.6	17.1	door shut	door shut
sun12 12 10	mild Frost	29	0		09:15	4												door shut	door shut
			1		10:40	2	22.5	20.2	21.5	20.9	21	20.7	20.4	21	12	20.6		door shut	door shut
			3	12	14:30	7	23.8	23.1	23.6	22	22.9	22.5	22	22.6	22.4	22	21.6	door shut	door shut
18 12 10	snowing	38.5	-4		07:00	5	21	20.2	20.1	19.9	19.5	18.5	18.1	19.4	19.2	19	18.8	door shut	door shut
	5" snow	89	-4		13:00	5	23.9	22.5	22.1	21.1	21.4	20.8	20.5	20.9	20.7	20.5	19.7	door shut	door shut
		95	-4		13:30	3.5												door shut	door shut
	7" snow	102	-4	19.5	17:00	6	24.3	22.9	23.5	22.4	22.8	22.6	22.3	22.9	22.6	21.9	21.5	door shut	door shut
19 12 10	7" snow	29	-9		07:15	3.5	19.4	19	19	18	18.6	18.4	17.6	18.5	18.2	18.4	18.2	door shut	door shut
	7" snow	76	-8		08:30	4.3	19.9	19.3	19.2	18.7	19	18.7	17.9	19.1	18.9	18.9	18.6	door shut	door shut
	7" snow	80	-6		11:00	4	23.2	22.4	22.4	21.6	22	21.5	21.1	21.6	21.3	21	20.9	door shut	door shut
	7" snow	104	-6		16:00	1.3	23.7	22.6	22.5	21.6	21.5	21.1	20.1	20.9	20.6	20.2	19.9	door shut	door shut
	7" snow	123	-9	17.1	17:30	4	241	22.9	22.7	22.5	22.2	22.2	21.7	21.7	21.6	21.1	20.6	door shut	door shut
27 12 10	thawing	80	1		08:30	3	24.1											door shut	door shut
			2		10:00	3.5	25	19	22	20	19.6	19.6	19.4	19.2	19.4	19.4	18.6	door shut	door shut
			3	8	13:30	1.5	25	28.5	22	20	20	20.2	19.6	18.8	18.3	18	19	door shut	door shut
28 12 10	thawing	40	1		08:00	3	22	19	21	20.20	19.5	19.5	18.6	18.4	18.1	18	17	door shut	door shut
		80	2		10:00	3	24	19.8	22	20	20	19.8	20	19	18.8	18	17.8	door shut	door shut
		80	3		00:00	5	24	19	21.5	19.5	20	19.7	20	18.9	18.2	18.3	17.4	door shut	door shut
		80	3		14:00	2	26.5	19	22	20	20.5	19.9	20	20	19.6	18.7	18	door shut	door shut
		100	4	15	16:00	2	27	19.8	23	21	21	21	20	20	19.2	18.7	18.1	door shut	door shut
29 12 10	thawing	50	5		08:15	4	22	19	22	20	20.5	20.2	21	19.6	19.3	19.2	18.6	door shut	door shut
		40	6		11:00	3	25.5	19.5	22	20	21	21.3	20.5	20.2	19.5	19.4	18.9	door shut	door shut
		100	6		14:00	2												door shut	door shut
		105	7	11	15:30	2	27	19.5	22.5	20.5	21.8	20.6	20.5	20.4	20.2	19.8	19.3	door shut	door shut
30 12 10	stove still in	60	5		08:30	2.5	24	20.5	23	20.5	22	21.6	22	20.5	20	20.5	20	door shut	door shut
	snow almost gone	70			09:20	2												door shut	door shut
		90	6.5		12:30	2	27	20.5	23	20.5	22	21.5	21	20.8	20.5	20.5	20.2	door shut	door shut
		80	5	10.5	18:15	4	26	20	23	20	22	20.8	21	20.8	20.9	20.6	20.5	door shut	door shut
31 12 10	stove still in	60	4		06:00	3.5	23	19.5	21	19.5	21	20	20	19.3	18.4	19.2	18.9	door shut	door shut
		80	5		09:10	5	26	20	22	20	21	20.3	20	19.8	19.4	19.5	19.2	door shut	door shut
		105	4	15.5	15:30	7	28	21	23	20.5	22	21.4	21	20.6	20.5	20.2	19.6	door shut	door shut
2 1 11		70	0		07:00	4	23	19	22	20	21	29.5	20	19.1	18.6	19	18.6	door shut	door shut
		105	1		09:00	4	25	19.5	23	20.5	21.5	21.5	20	19.6	19.4	19.2	18.9	door shut	door shut
		110	2		11:00	0	27	19	23	20.5	22	22	21	19.7	19.2	19.3	18.9		19.5
		110	2		14:00	2													
		130	2	10	12:30	0	28	21.4	24	20.5	22	22.5	21	20	19.6	19.5	19.3	19.4	20
3 1 11		65	0		8.3	3	24	19.5	21	19	20.5	20.5	19.5	18.7	18.5	18.6	18.4	18.5	19.1
		80	0		10.3	3													
		85	0		11.3	1.5													
		90	0		13:30	2													
		105	0		14:30	0	25	20	22	19.5	20	20.5	19.5	18.6	18.2	18.2	18	18.2	18.6
		110	0	13.5	16:30	4	26	19.4	22	19	20	22.5	19.2	19	18.7	18.2	18	18.2	18.6
8 1 11	cold wind	60	6.5		07:30	3	24	19.5	22.5	20	22	21	20.5	20	19.4	20	19.5	20	20.2
	cold wind	80	5		10:15	4	26	20	23	20	21.5	22	21	20.8	20.2	20	19.8	20.2	20.4
	cold wind				10:30	2													
	cold wind		4		12:30	4													
	cold wind	105	4		15:30	4	29	20.5	24	20.5	22	23	22	20.5	20.2	20	19.6	20	20.4
	cold wind	105	3.5		16:30	2													
	cold wind	110	2		18:00	2	28.5	20.5	24	20	22	23	22	21	20.5	20.5	20	20.5	21
	cold wind	110	2		19:30	2	29	21	24.5	21	22	24	22	21	19.5	20	19.5	19.5	20.5
	cold wind	110	1	24	21:20	2	29	20	24	21	22	24	22	21	19.5	20	19.5	19.5	20.5
9 1 11	cold wind	80	0		10:00	5	25	18	22	19	21	22	21	19.5	19	19	18.5	19.5	20
	cold wind	115	3.5		13:30	4													
	cold wind	120	3		15:00	3	28	19	24	20	22	22	21	19.8	19	19.5	19	20	20.5
	cold wind	120	2		16:00	2	29	19.5	24	20	22	23	21	20	19	20	19	20.5	21
	freezing	130	-1	17	19:00	3	31	21	26	21	23.5	24	22	21	20	21	20	21	21.5

Total wood used over test period 189.1 on 15 recorded days so average 12.6 Kg per day x test period of days 37x12.6equates to466Kg over 37 notional days, at £42 per tonne = £19.42 p per Kg  
Total wood cost over test period £27.13

Oil usage for cooking and domestic hot water(in conjunction with electric immersion heater) has been

CONCLUSION The ecco stove has heated the whole house for 37 days for an aggregate 646Kg wood costing £27.13,whereas the hot water and cooking alone over the same period has cost £81.45 plus cost of electricity(unknown).  
The Ecco stove has done a far bigger job in heating the whole house costing only 33%of heating hot water and cooking.

Imagine the cost saving if you took the cost of heating the whole house and water and cooking by oil alone.  
Since June when we bought the current fill of oil,oil has risen to.69p per litre(purchased by a neighbour filling up just before Xmas).

Floor plan of house is ground floor @ 7928 cu ft and top floor @ 7432 cu ft. Total = 15360 cu ft.

Total test days	Oil used over test	oil bought at 45p/litre
37	181	£81.45