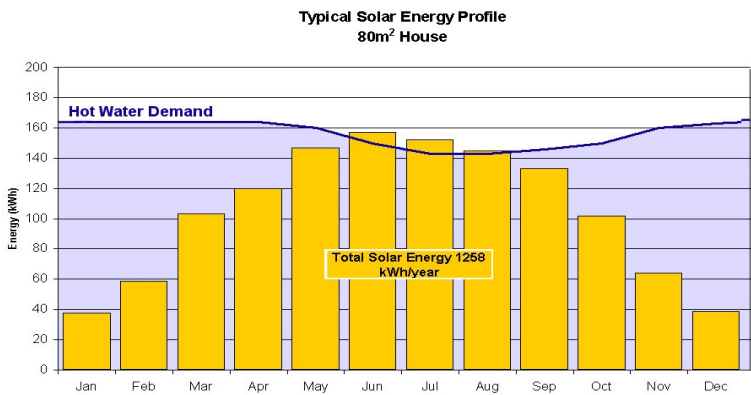


Table 7 – Solar Thermal system output

Solar Termal System Output

Assumed total solar panel area	50 m2
Annual energy output per 1 m2 of panel area	333 kWh/m2/year
Peak output per unit area	0.7 kW/m2
Installed capacity	35 kW
Total annual energy output from the system	16,667 kWh/year



SOLAR ENERGY PROFILE

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	60	100	120	145	160	155	145	130	100	60	40
0.032	0.048	0.080	0.096	0.116	0.127	0.124	0.116	0.104	0.080	0.048	0.032
531	797	1,328	1,594	1,926	2,125	2,058	1,926	1,726	1,328	797	531

SOLAR ENERGY PROFILE - DOMESC TIC

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	60	100	120	145	160	155	145	130	100	60	40
0.032	0.048	0.080	0.096	0.116	0.127	0.124	0.116	0.104	0.080	0.048	0.032
452	677	1,129	1,355	1,637	1,806	1,750	1,637	1,467	1,129	677	452

SOLAR ENERGY PROFILE - NON-DOMESTIC

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	60	100	120	145	160	155	145	130	100	60	40
0.032	0.048	0.080	0.096	0.116	0.127	0.124	0.116	0.104	0.080	0.048	0.032
53	80	133	159	193	212	206	193	173	133	80	53

SOLAR ENERGY PROFILE - SCHOOL

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	60	100	120	145	160	155	145	130	100	60	40
0.032	0.048	0.080	0.096	0.116	0.127	0.124	0.116	0.104	0.080	0.048	0.032
27	40	66	80	96	106	103	96	86	66	40	27

Source: <http://www.viridiansolar.co.uk/Image%20sub%20windows/Graph%20of%20Energy.htm>