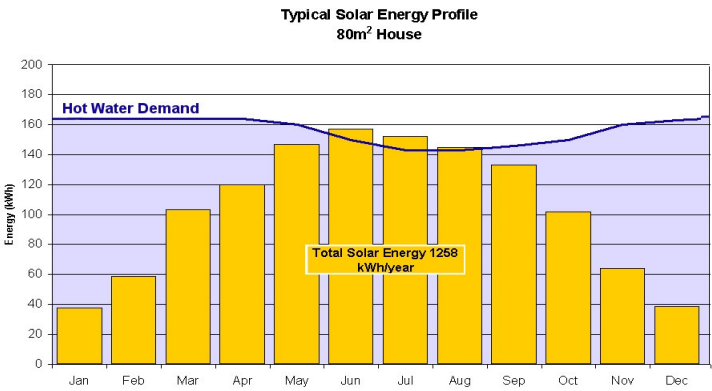


Table 6 – Solar PV system output

INPUTS - DOMESTIC

Solar Photo-Voltaic (PV)			
Annual PV output per 1kWp	850	kWh/year	
PV peak output	1.25	kWp output per	10 m2
Total available roof area - domestic	15,826		
% of total non-domestic roof area allocated to PV	85%		
Total available PV area - domestic	13,452		
Total PV Installed capacity	1,682	kW	
Total annual output from PV	1,429,296	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
45,555	68,333	113,888	136,666	165,138	182,221	176,527	165,138	148,055	113,888	68,333	45,555
29,155	53,983	110,471	136,666	165,138	182,221	176,527	165,138	148,055	108,194	63,550	32,800

INPUTS - NON DOMESCTIC

Solar Photo-Voltaic (PV)			
Annual PV output per 1kWp	850	kWh/year	
PV peak output	1.25	kWp output per	10 m2
Total available roof area - non-domestic	3,602	m2	
% of total non-domestic roof area allocated to PV	70%		
Total available PV area - non-domestic	2,521		
Total PV Installed capacity	315	kW	
Total annual output from PV	267,906	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
8,539	12,808	21,347	25,617	30,953	34,155	33,088	30,953	27,751	21,347	12,808	8,539

INPUTS - SCHOOL

Solar Photo-Voltaic (PV)			
Annual PV output per 1kWp	850	kWh/year	
PV peak output	1.25	kWp output per	10 m2
Total available roof area - non-domestic	2,520	m2	
% of total non-domestic roof area allocated to PV	60%		
Total available PV area - non-domestic	1,512		
Total PV Installed capacity	189	kW	
Total annual output from PV	160,650	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
5,120	7,680	12,801	15,361	18,561	20,481	19,841	18,561	16,641	12,801	7,680	5,120