








# Solar Powered System Performance in Estonia

Roof/facade slope and orientation	North	NE	East	SE	South	SW	West	NW
0° 	810	810	810	810	810	810	810	810
15° 	690	720	800	880	910	870	800	720
30° 	560	620	780	910	960	910	770	620
45° 	440	550	750	910	970	900	740	540
60° 	380	500	700	880	940	870	690	490
75° 	350	460	650	830	870	800	640	450
90° 	330	410	580	720	760	710	570	410

<http://roofit.solar>

**Yearly Performance kWh/kW**

The table shows the annual electricity output of the solar electricity system installed on the building. The unit of yield is kWh / kW, which indicates several kWh of electricity produced in one year by a solar electric system with a rated power of 1 kW. For a solar panel of 1 kW, a surface area of 6.5 to 8 m<sup>2</sup> is needed.