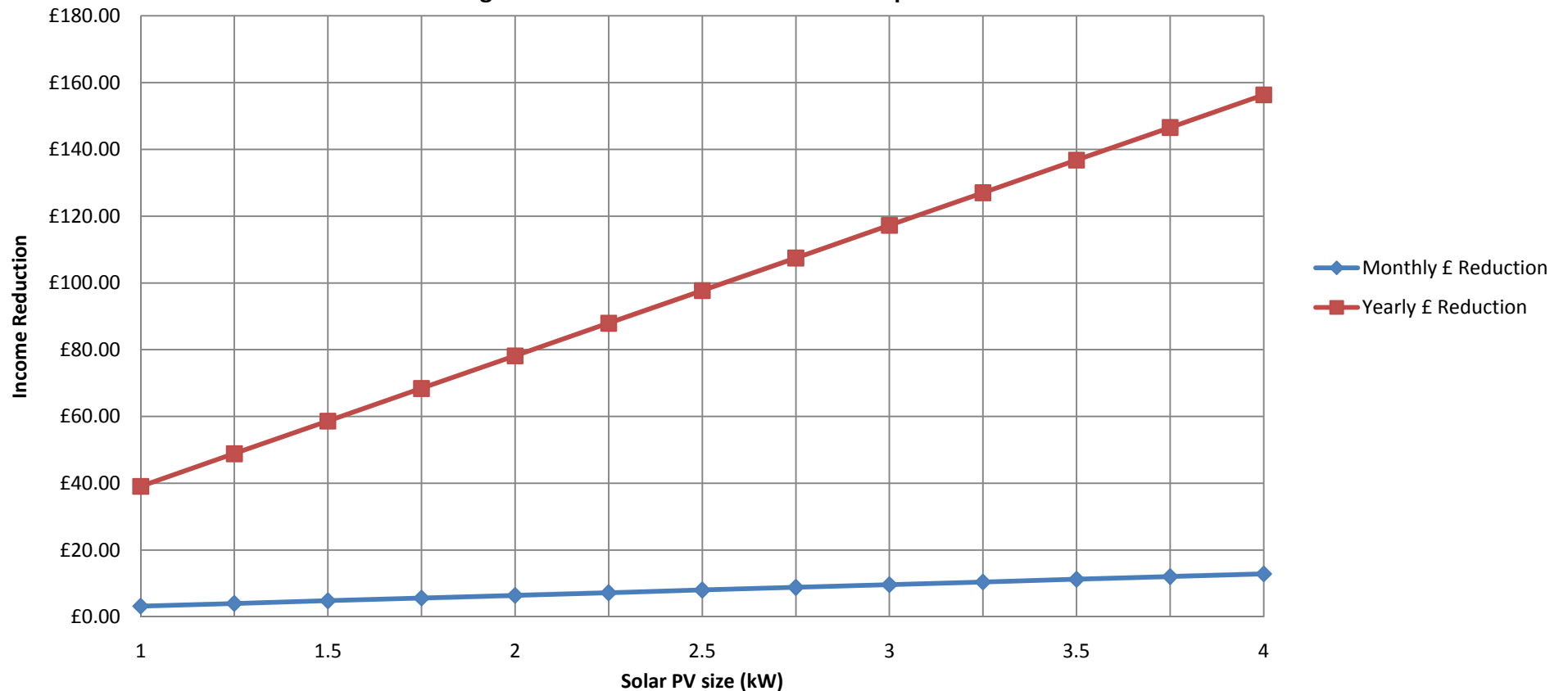


Solar PV Installations ranging from 1-4kW
Indicating income reduction due to 5% surface pollution

Retro Fit Installation



This graph is based on the following figures.

1. Feed in Tariff price for a retro fit after April 2010 thus 41.3p per kWh
2. The solar panels are subjected to 5 hours of solar power per day.
3. A pre de-rating has been applied thus reducing to 75%, further reduction is applied as shown in graph due to dirt.
4. Actual power for a 2.5kW system due to inefficiencies reduce to 1.875kW, further reduction is applied as shown in graph due to dirt. This example has been applied for the range shown 1kW to 4kW.
5. 50% of electricity generated is exported to the grid @ 3p per kWh.
6. The irradiance value is the same as STC 1000 W/m²