

Birch Hill Hospital
Solar PV System, detailed visuals of
buildings with roof mounted Solar
PV modules

Laurence House

Solar PV System

Laurence House has the potential for the installation of a south facing Solar PV system as shown in figure 1, consisting of 46 Solar PV panels allowing for a 20.24kWp Solar PV system with an estimated annual generation of 17,210 kWh. The resulting carbon savings are Circa 3,507 kgCO₂ annually. The installation of the roof mounted solar panels will be done with scaffolding to ensure safe working conditions in accordance with CDM.



Figure 1 – Laurence House 20.24kWp Solar system

Prospect Place

Solar PV System

Prospect Place has the potential for the installation of a South and Southwest orientated Solar PV system across two as shown in figure 2, consisting of a total of 228 Solar PV panels allowing for a 100.32kWp Solar PV system with an estimated annual generation of 82,931kWh. The resulting carbon savings are circa 16,912 kgCO₂ annually. The installation of the roof mounted solar panels will be done with scaffolding to ensure safe working conditions in accordance with CDM.

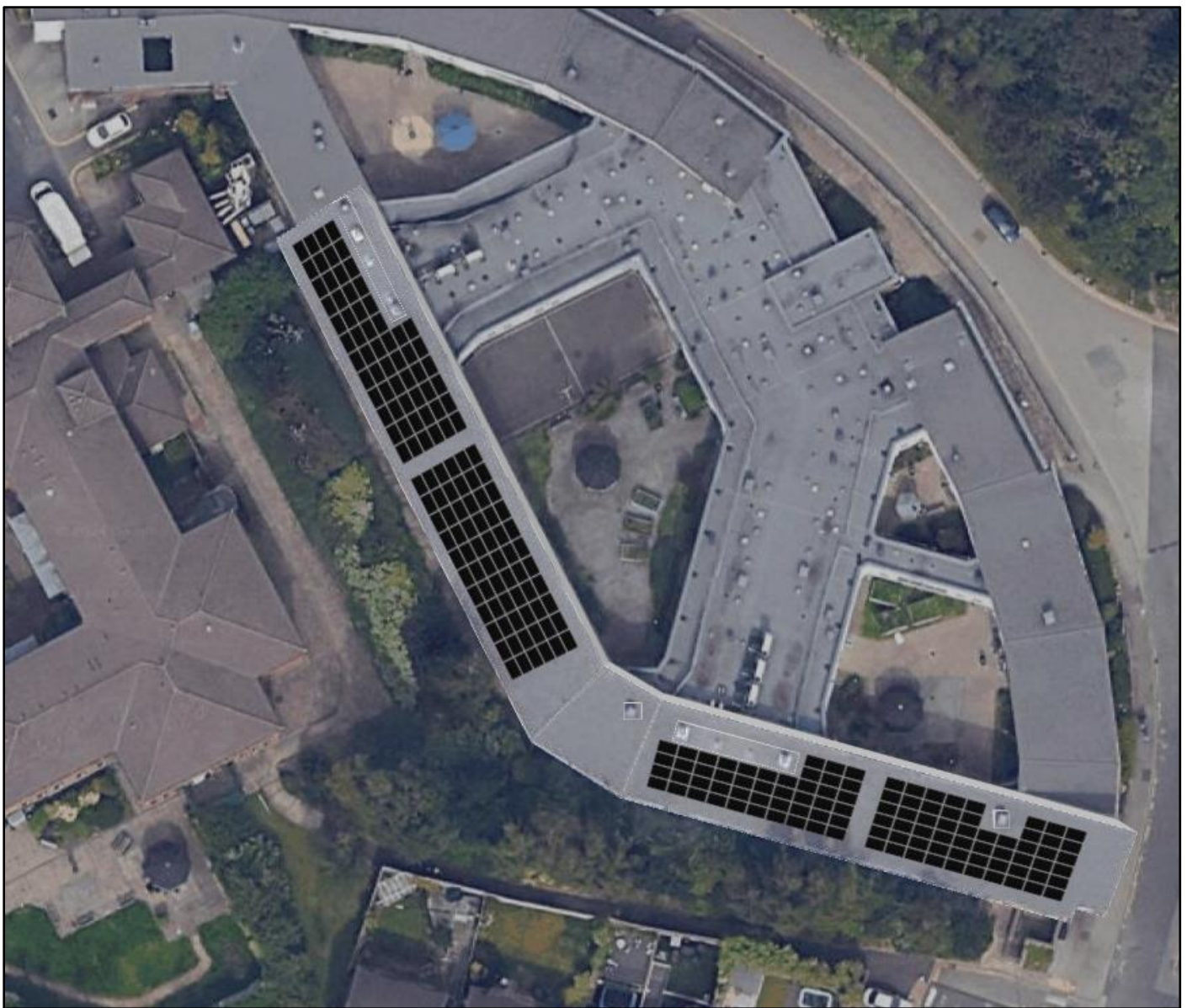


Figure 2 – Prospect Place 100.32kWp Solar system