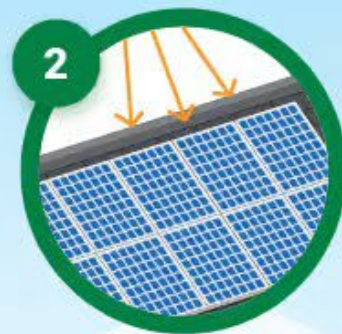


HOW SOLAR WORKS



Light from the sun contains many tiny bits of energy called photons.



Some of these photons hit solar modules, which consist of many connected solar cells



Photons hitting the top layer of a solar cell cause electrons to flow through the bottom layer



This movement of electrons generates direct current (DC) electricity that flows to an inverter



Inverters convert DC electricity into alternating current (AC) electricity



(AC) electricity AC electricity is used to power the building reducing its electricity bills and carbon



This solar electricity can also charge an energy storage system or flow back into the grid to other buildings