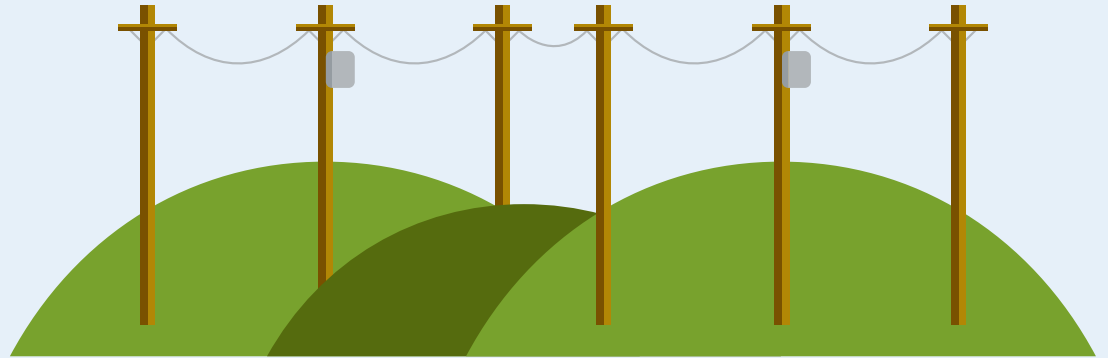
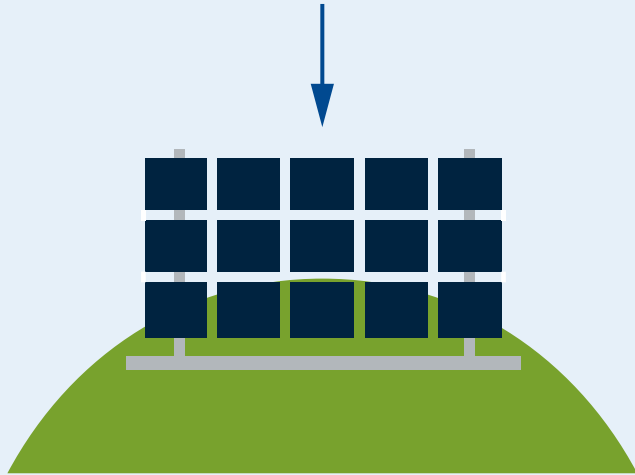


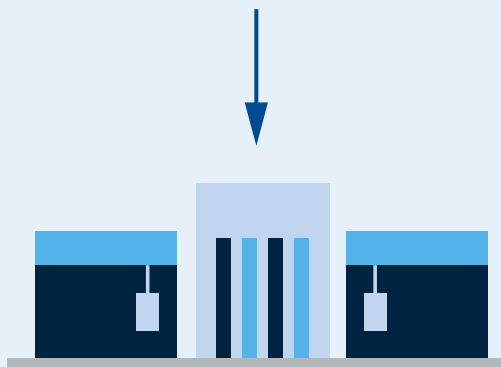


HOW IT WILL WORK

energy from the sun is absorbed by the solar panels and converted into electricity



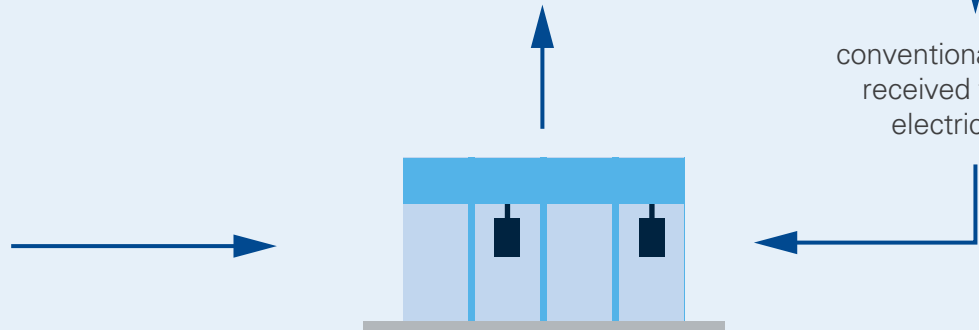
direct current (DC) power flows from the solar panels to inverter stations



DC power is converted to alternating current (AC) power (the type used by our plant, homes & businesses)

any power generated by the solar panels that isn't used by the E.L. Smith Water Treatment Plant is fed to the electrical grid

conventional power is received from the electrical grid



AC power flows to the meter & switchgear where it is then distributed

the solar power helps operate the E.L. Smith Water Treatment Plant, reducing the conventional (fossil fuel) power needed

