**Macro-scale Solar**

**Key Vocab:**

* Solar Cell
* Solar Panel
* Solar Array
* Series Wiring
* Parallel Wiring
* Voltage (volts)
* Current (amperes)
* Power (watts)
* Inverter
* DC Power
* AC Power

**Prompt:**

Summarize how photovoltaic technology is used to produce power on the scale needed for residential and commercial purposes in the space below. Be sure to include answers to the guiding questions in your summary.

**Task:**

Follow along with your teacher’s presentation and take notes.

**Guiding Questions**

1. Define voltage, current, and power.
2. What is accomplished by series wiring?
3. What is accomplished by parallel wiring?
4. How does a PV cell differ from a module?
5. How does a PV module differ from an array?
6. What is the function of an inverter?

**Summary:**

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