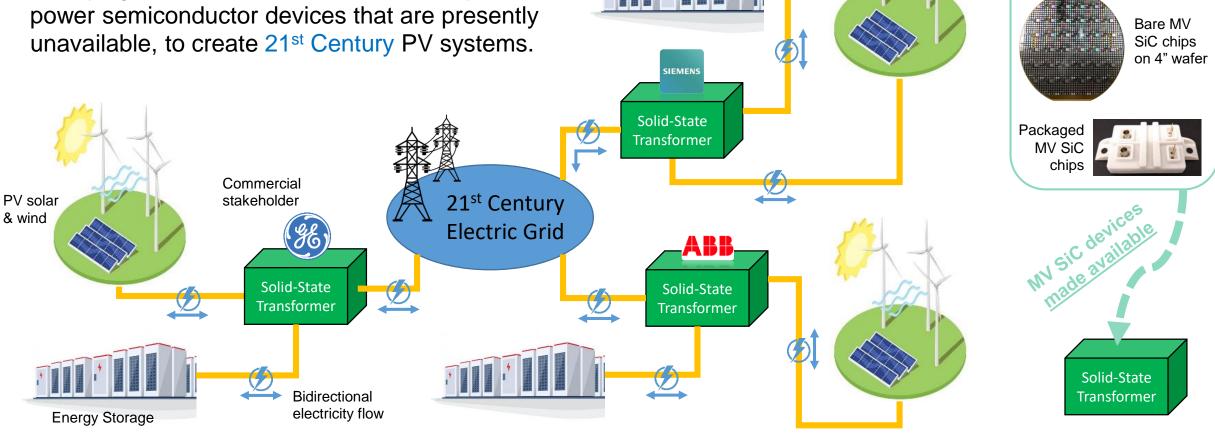
## Harnessing the Sun Using Medium Voltage SiC Power Semiconductor Devices

Enabling a direct connection of PV solar to the distribution grid via solid-state transformers, by supplying the market with medium voltage SiC power semiconductor devices that are presently unavailable, to create 21<sup>st</sup> Century PV systems.



MOSFET

**JBS** Diode