

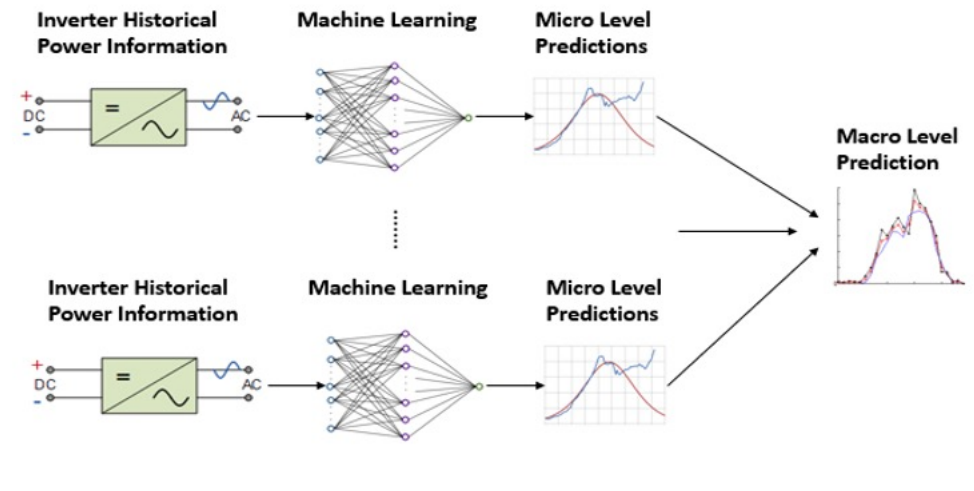
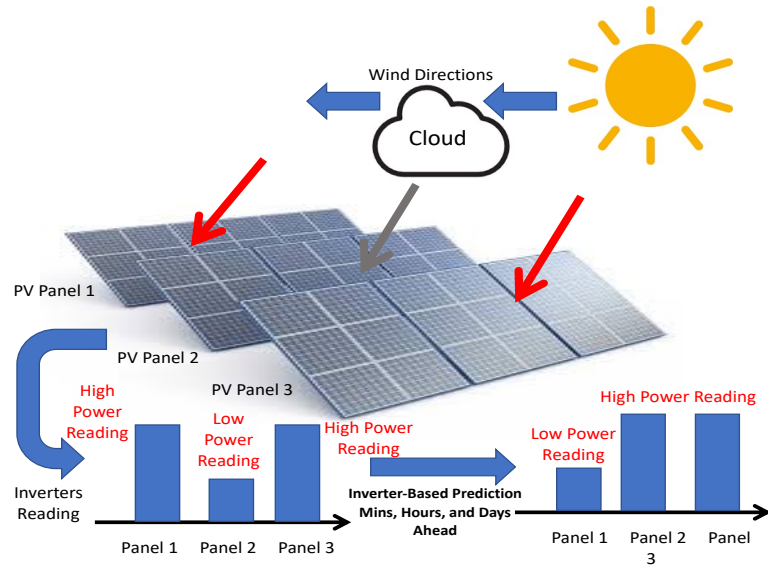


Project Name: Solarcast & Solarcheck (SC²)

Know Your Next Solar Power Move

Team: Leaptran, San Antonio, Texas

Connectors, Power Connectors, and Partners: EPIcenter, UACI, CEBN, UTSA, New Energy Nexus, and CPS Energy



Technology Impact

- ▶ Support the large deployment of solar energy into the reliable and resilient grid.
- ▶ If solar forecasting accuracy can be improved, billions of dollars can be saved by integrating solar energy into existing power system operation.

Technology Summary

- A patent-pending innovative and accurate data-based machine learning technology.
- Use exogenous weather inputs plus multiple inverter historical data to predict the solar PV production from intra-day to multiple days ahead of time.