Project Overview & Environmental Benefits

- UC entered into long-term Power Purchase Agreements with the 60MW Five Points Park & 20MW Giffen Solar Park both located in Fresno County, CA.
- The projects will generate ~200,000MWh/year, enough power for approximately 30,000 homes.
- The projects will use high efficiency solar photovoltaic modules mounted on a single axis tracking system.
- The projects will supply power to UC Direct Access and WAPA served campuses.
- Commercial Operation Date: December 2016.
- The projects connect directly to the California Independent System Operator (CAISO) controlled transmission system.
- UC will manage the power as a registered Electric Service Provider (ESP).
- The UC System will receive all power and environmental benefits including RPS Category 1 Renewable Energy Credits (RECs).
- The clean power generated will avoid approximately 88,000 tons of CO2 annually.

Five Points Solar Park

- Size: 60 MWAC
- Location: Five Points, Fresno County, CA
- Solar Irradiance: 2,105 kWh/kW/year
- Point of Interconnection: On-Site/NP-15

Giffen Solar Park

- Size: 20 MWAC
- Location: Cantua Creek, Fresno County, CA
- Solar Irradiance: 2,097 kWh/kW/year
- Point of Interconnection: Giffen Substation On-Site/NP-15

Single Axis Tracking Example

- Increases system energy production output by approximately 30%.
- Generates more power during utility peak load periods, usually afternoons during the summer months.
- Maximizes energy production per solar panel resulting in less per-unit installed equipment.

California RPS Content Categories

- Utility Scale Solar
- Solar Farms
- Distributed Generation
- Fuel Cells
- Combined Heat and Power
- Renewable Natural Gas
- Ocean Renewable Energy
- Biogas
- Agave Ethanol
- Forest Biomass
- Wood Chips
- Pellets
- Corn Stover
- Small Hydro
- Landfill Gas