



Los Angeles Community College District Design Standards

City • East • Harbor • Mission • Pierce • Southwest • Trade-Technical • Valley • West

LACCD Facilities Design Standards– Meters Campus Facility Standards Cross- Reference Div. 23

GENERAL - ITEMS ARE NUMBERED FOR EASE OF REFERENCE

1. LACCD buildings over 10,000 square feet shall have sub-meters installed subject to this policy
 - a. All central utility plants in any size structure or any configuration, shall also have sub-meters installed subject to this standards.
2. Building-level sub-meters shall be configured to interface and exchange data with the District's existing metering software.
3. Building-level sub-meters shall include an Ethernet communications port or wireless communication capability or other networking capability.
4. Building level utility sub-meters shall be installed to capture the following data at a minimum of 15-minute intervals:
 - a. Electricity consumption (kWh)
 - b. Power demand (kW)
 - c. Power Factor
 - d. Natural gas consumption (therms) (if applicable)
5. Building level utility sub-meters may be installed to capture the following data at a minimum of 15-minute intervals:
 - a. Chilled water (if applicable)
 - b. Hot water (if applicable)
 - c. Domestic water
 - d. Sewer discharge
6. Individual Meters shall retain data for a period of no less than 12 months.
7. Solar photovoltaic arrays installed in or on a building shall have a dedicated meter to track PV productions. This is in addition to the building level sub-meter and must be in compliance with all the requirements outlined in the standards.