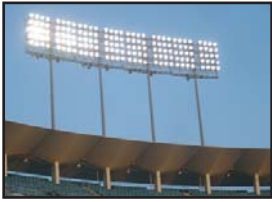


Campus Hot Spots For Energy Savings



Event Allocation

Sporting events, concerts and festivals all require large amounts of energy. Campuses use submeters to monitor usage of parking and stadium lighting, sound systems and vendors for accurate allocation of energy costs back to the event sponsors. Campuses generate accurate energy usage statements for individual events avoiding costly estimation errors and ensuring that all event energy costs are recovered.



Leased Spaces

Restaurants, coffee shops and retail stores all play an important role in campus life. These leased spaces use energy at different rates. Campuses are now able to install submeters to monitor each individual leased space and generate energy statements based on their individual energy use. This increases tenant satisfaction because they know they are only accountable for the energy they use, while the campus benefits from recovering all tenant energy costs. Campuses also install submeters on common areas, allowing them to more effectively manage common area costs.



Department Allocation

Chemistry, Accounting, Mathematics and Engineering are just a few of the departments that have classrooms and administration offices with budget accountability. Metering each department allows users to take advantage of energy-saving opportunities which may be as simple as turning off lights or computers when rooms are not in use. When department budgets include energy use, users will be inclined to take the necessary steps to ease the pressure on their budgets by reducing overall energy use.



Student Housing & Dormitory Monitoring

Students use energy. Those held accountable for what they use will use less. This is the premise for metering energy consumption in student housing and dormitories. Campuses install submeters on individual spaces and generate usage statements for each student. Because they are responsible for the energy they actually use, students will be more inclined to take energy-saving measures such as closing windows to keep heat or air conditioning from running or turning off lights and other electronic items when no one is there.

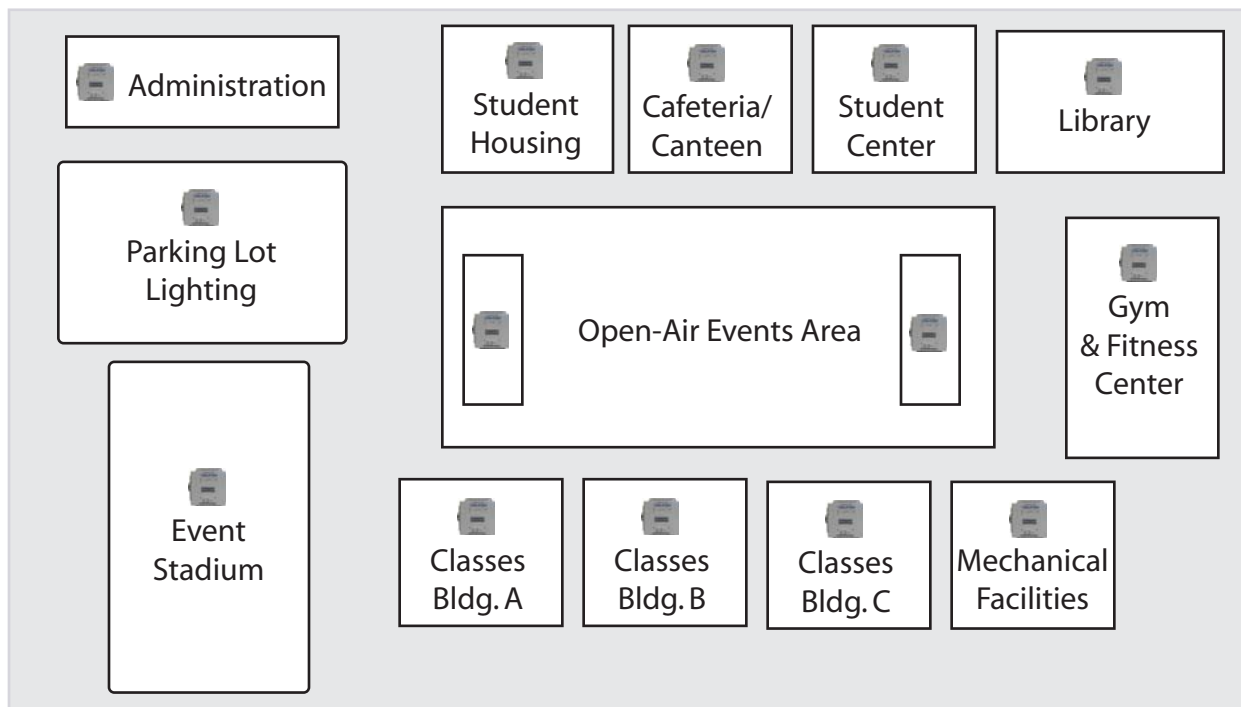


Equipment Maintenance Programs

As the cost of education increases and budgets are more constrained, it is more important than ever to avoid costly equipment replacement. Submeters can be installed on key pieces of equipment to identify potential equipment failures. This allows facility managers to take steps to schedule repairs before equipment fails, thus avoiding costly and unexpected downtimes.

Campus Metering Application

Typical Campus Facility Metered Point Map



Applications

1. Allocate energy usage to specific departments and/or buildings.
2. Monitor HVAC equipment to identify inefficiencies.
3. Monitor building equipment to identify potential failures before they happen.
4. Allocate usage to individual tenants.
5. Accurately monitor common areas.
6. Allocate costs of energy used during events.

Additional Metered Items

1. Total common areas.
2. HVAC equipment by building or overall campus.
3. Lighting for parking lots, walkways, event stages and stadiums.
4. Specific departments within class buildings.
5. Common area lighting within buildings.
6. Individual meters for leased spaces.
7. Specific departments within administration.

Alternative System Configurations

1. Automatic meter reading. Install IDRs to gather meter data so meters can be remotely read via computer.
2. Utilize E-Mon Energy™ software to generate individualized tenant usage statements, demand profiles and energy graphs.
3. MMU Cabinets. Order meters installed in one compact enclosure and save installation time and valuable building space.