

Lighting Control and Monitoring Service (LCMS)™



"STOP BURNING DAYLIGHT"

CASE STUDY -- La Jolla YMCA

Location Description: The La Jolla YMCA is located in a residential area of La Jolla and is comprised of a gymnasium, exercise facilities, fields, an outdoor pool, and various other buildings and facilities. It has outdoor parking lots with lighting for those lots as well as building lighting and other outdoor lighting.

Problem: The facilities staff was spending too much time dealing with resetting timers and wanted something that could run a schedule automatically while saving electricity.

- Goals:**
1. Make sure the lights always go on and off at the right times.
 2. Stop wasting staff time resetting timers.
 3. Save Energy
 4. No big up-front cost, no long-term commitment.

Solution: Replaced an old mechanical timer with a Wireless Telematics Lighting Controller. Future plans include adding additional lighting circuits to the WT LCMS.

Results: approximately **14%** energy savings in the first year; **saved staff time and hassles.**

Extra Benefits:

1. YMCA members and staff are happy -- the lights are on at night, off during the day.
2. Liability Risk is reduced -- no risk of lights being off at nighttime.
3. A history of runtimes stored in online database.
3. The lighting schedule accessed and controlled from a computer or smart phone.
4. The facilities manager is notified of power outages and restorations.
5. Much more reliable than timers and photocells (automatically adjusts to sunrise/sunset).
6. Lifetime warranty (mechanical timers had one year warranty).
7. Made in the USA (mechanical timers made in China).
8. Less Greenhouse Gas Emissions, Smaller Carbon Footprint.
9. Great Customer Service and Free Technical Support.
10. **Stopped Wasting Staff Time and Stopped Wasting Energy.**