



TORRANCE MEMORIAL MEDICAL CENTER



“Demonstrating behaviors which support Torrance Memorial’s values of Service, Excellence, Knowledge, Stability and Community drives us to successfully implement green technology and projects to support the health of our community’s environment. Ensuring our environmental systems are designed, built and maintained from point of origin through delivery requires thorough planning, research and coordination. Our organization’s culture facilitates this work and helps build partnerships with customers, staff, patients, medical staff and care providers.”

Tim Hersey, Assistant Director, Facilities

Torrance Memorial is an integral service provider to the community and was founded more than 90 years ago by the City of Torrance’s namesake, Jared Sidney Torrance, and his wife Helena Childs Torrance.

Torrance Memorial includes the 446-bed Torrance Memorial Medical Center in addition to a multispecialty physician group, an independent physician association and an accountable care organization. Torrance Memorial also has several outpatient centers located throughout the South Bay region and provides extensive health education services to our community.



Lundquist Tower

REDUCING GREENHOUSE GAS EMISSIONS

On November 16, 2014 Torrance Memorial Medical Center opened the Lundquist Tower, the newest and most modern hospital in the area. Equipped with natural light, artwork, and sophisticated technology, the 390,000-square-foot Lundquist Tower appears more like a world-class hotel than a hospital. The seven-story, \$480 million facility houses 256 private rooms, 18 surgical and interventional treatment rooms and a café and coffee bar with seating for 200.

The eight-year plan to build the Lundquist Tower was approved and led by CEO Craig Leach in 2007. The purpose of building a new tower was two-fold: 1) give the South Bay an earthquake-sound building; 2) to better serve an aging population.

One year ahead of schedule and \$10 million under original budget, the \$480 million building officially opened for patient care on November 16, 2014. Today, the Lundquist Tower serves as a landmark for health care in the South Bay area.



President and CEO, Craig Leach with the first patient moved into the Lundquist Tower

ENERGY EFFICIENCY PROJECTS

- Several AirSide Economizer Enthalpy projects with AirSide Reset / Dehumidification strategies netting a savings of 1,000,698 kWh.
- Cooling Tower retrofit project netting a savings of 491,901 kWh.
- The installation of a Tridium Overlay to existing and independent building management systems, netting a savings of 1,031,978 kWh.
- Installation of Pressure Independent Smart Valves in the West Tower, netting a savings of 99,988 kWh.

Torrance Memorial has been able to save more than 4.26 Million kWh to date with a combined simple pay back of an unbelievable 1.6 years. We are currently and actively engaged in the research and development of future projects, including:

- Optimization of the Lundquist Tower
- LED Parking Lighting Retrofits
- LED Internal Lighting Retrofits
- Pressure Independent Smart Valve retrofits for the Lundquist Tower

The Cool Planet Project Program provides utility business and government customers with education and technical training to measure and manage their energy use and greenhouse gas emissions. The Cool Planet Project Program is funded by California utility rate payers and administered under the auspices of the California Public Utilities Commission, through a contract awarded to The Climate Registry. California customers who chose to participate in this program are not obligated to purchase any additional services offered by the contractor. This program is offered on a first-come, first-served basis from 2/1/2013-12/31/2017 or until funds are depleted. Terms and conditions apply. The trademarks used herein are the property of their respective owners.