



EV Charging
Hotel del Coronado
Case Study



LEADING THE FUTURE OF
LIGHTING + TECHNOLOGY

Hotel del Coronado Case Study

Hotel del Coronado is an iconic beach resort and historic landmark overlooking San Diego Bay that offers guests the ultimate seaside escape. With California having one of the highest adoption rates for EVs, Hotel del Coronado recognized the need to expand their EV charging offering. So, when it came time to update the electric vehicle (EV) charging they offer guests in their secure, underground parking facilities, they looked to EMC, an experienced, turnkey partner to enhance this amenity and set the stage for future expansion.

The Project

As an early adopter, the resort initially installed non-networked and third-party owned and operated chargers. However, stakeholders quickly saw a need for monitoring and reporting capabilities that would provide better oversight of guest usage and billing, as well as the ability to expand the amenity in the future. Given EMC's vendor neutral, total solutions approach and proven experience working on large-scale EV charging installations, the resort decided that a turnkey-owned and operated model with EMC would deliver the enhancements and future expansion capabilities they were searching for.

Knowing that the use of EVs was expected to increase dramatically among guests, the resort had already upgraded its electrical infrastructure to accommodate up to 23 new networked Level 2 charging stations. They wanted to add 11 new charging stations immediately with the option of up to 12 more as demand increased.

The Solution

Using its proven total project management approach, EnergyMAXX®, EMC provided Hotel del Coronado an end-to-end turnkey EV charging solution that met their requirements. EMC coordinated installation for 11 new, single port wall mount charging systems which were chosen for their monitoring and reporting capabilities, visual appeal and popularity with guests.

Prior to installation, EMC's team of experts reviewed the electrical infrastructure and wireless signal capabilities to ensure flawless installation and wireless system performance. Noticing an error in the existing wiring, EMC promptly addressed the issue and coordinated a successful rewiring. This set the stage for a successful installation so that the team completed the assembly, unboxing and wiring of the stations in just a single day, working quickly and efficiently to minimize disruption in the parking garage. Upon successful installation, EMC also performed the commissioning process, ensuring that the charging stations were each connected to the network, operating correctly and registered. EMC provided a predictable, reportable, and transparent project management process that kept all stakeholders informed of objectives and outcomes every step of the way.

Solutions



Installation of 11 new, network-connected EV charging stations



Turnkey-owned and operated EV charging model



End-to-end, predictable project management



Connected, vast Labor Partner Network



24/7 continued maintenance + service

Hotel del Coronado gained an additional benefit from working with EMC because of its vast and connected Labor Partner Network. EMC pre-qualifies labor partners and coordinates with them to perform installations across North America. In this case, EMC leveraged an expert crew located in the San Diego Bay area which enabled Hotel del Coronado to save on housing costs.

The Results

With their EV charging capabilities significantly expanded, Hotel del Coronado now has a cloud-based management dashboard that allows them to record energy use, greenhouse gas emissions, guest billing and other reporting for their new EV charging systems. These systems can be easily updated to provide future capabilities like overstay billing, loyalty programs and integration with other building management and infotainment systems. With networked EV charging, the resort's EV drivers will have a more convenient and reliable charging experience, enabling them to locate and reserve available charging stations, monitor charging status and receive notifications when their vehicle is fully charged.

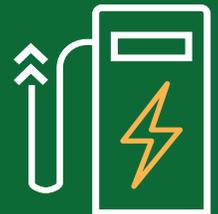
As a turnkey-owned and operated EV charging solution provider, EMC ensures installation protocols are followed to protect product warranties and preserve the make-ready infrastructure needed for adding future EV charging systems and capabilities. EMC will also utilize its connected Labor Partner Network to provide Hotel del Coronado with 24/7 continued maintenance, support and service. Because EMC prioritizes scalability for future expansion, the hotel's ownership group has the potential to roll out EV infrastructure across their entire portfolio, enabling them to provide an enhanced guest experience for all their locations while meeting sustainability goals.



Underground parking - ChargePoint CT4013 charger

Benefits

- Better oversight of guest usage and billing
- Ability to expand the amenity in the future
- Cloud-based management dashboard for recording energy use and other reporting
- Enhanced guest experience for EV drivers
- Cost savings during installation due to avoided housing costs
- Future capabilities like overstay billing, loyalty programs and integration with other building management and infotainment systems

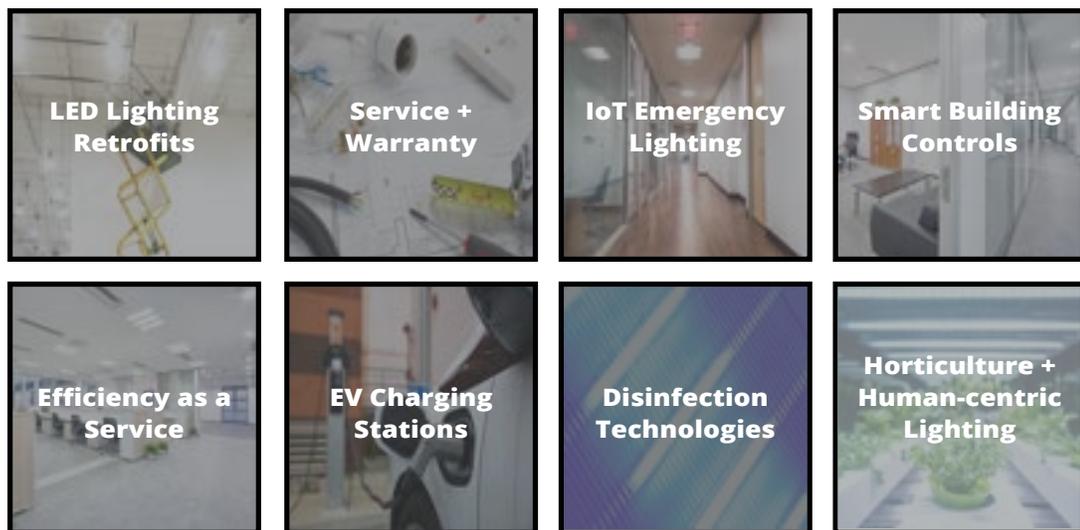


Make EMC Your One Call for EV Charging + Other EMC Offerings

With more than 18 million electric vehicles expected on the road by 2030, make your locations preferred charging destinations.

EMC provides expert guidance each step of the way. This starts with initial site planning and identifying incentives that can lower project costs. Then depend on EMC for professional installation as well as ongoing monitoring + maintenance and warranty management.

EMC Offerings



LEADING THE FUTURE OF
LIGHTING + TECHNOLOGY