

**Main, Shorebird and TechCorners  
Campuses - Completed 2014**

Empowered has served as a Major Tech Company's commissioning authority for 17 buildings in past and active projects in and around its Mountain View campus totaling over 2.25 million square feet. These projects have all been unique in their individual requirements, but have all shared exceptionally fast-tracked commissioning schedules.

Two example buildings on the Tech Company's main campus were LEED Commercial Interiors projects, an office building of 63,800 square feet and a warehouse building with office space of 37,800 square feet which both achieved LEED Gold certification. These buildings included a number of innovative systems, including a unique building-integrated photovoltaic system for which Empowered developed a custom testing plan. This project was especially unique because Empowered was brought into the project exceptionally late in the process, but despite the short timeline, Empowered was able to adapt, satisfy the LEED Fundamental Commissioning requirements, and facilitate a LEED Gold certification.

Additionally, Empowered has worked on a total of four buildings at the Tech Company's new Shorebird campus in Mountain View, near their main campus. These four buildings total 210,500 square feet; facilities include private and open offices, conference rooms, kitchens, and warehouse space. These projects are unique because they were all fast-track commissioning projects, with only 14 months between initial design and final occupancy. For each of these buildings, Empowered performed all tasks included in LEED Fundamental and Enhanced Commissioning requirements for the building HVAC systems and controls, lighting, domestic hot water, and renewable energy systems, as well as additional commissioning services beyond LEED commissioning to satisfy the Tech Company's unique project requirements.

Empowered was selected as the sole commissioning agent for the large TechCorners campus project, a large collection of six buildings totaling 941,000 square feet with a total project



budget exceeding \$300 million. This project is truly unique as the first five whole-building retrofits, totaling 715,000 square feet, are proceeding from design to occupancy in a mere 10 months. The first five buildings were fully renovated with major interior rehabilitation and site improvements, and were occupied in late 2014. The sixth building was new construction with tenant improvement and was occupied in early 2015. The campus includes office space, office support space, food services, and unique amenity spaces.

At all six buildings, the systems that Empowered is commissioning for LEED include building HVAC systems (including kitchen exhaust systems), HVAC control systems (including Melink system), lighting controls, domestic hot water systems, irrigation systems, and renewable energy systems. In addition, Empowered is involved with CA Title 24 commissioning compliance, and enhanced metering systems, and the Tech Company's project requirements and Green Goals beyond normal LEED commissioning.



**About Empowered**

**Empowered Solutions is a leading consultative energy solutions company founded and comprised of expert energy engineers, commissioning agents, controls system designers, and project managers. We help our customers capture their performance advantage through a unique blend of controls innovation, commissioning, and energy engineering expertise.**