

ر.خ.م. العقارية (ش.ذ.م.م.)
R K M REAL ESTATE (L.L.C.)

18-05-2014

TO WHOMSOEVER IT MAY CONCERN

We would like to place on record our sincere appreciation and immense satisfaction with Emirates Energy Star, the national Energy Conservation and Certification program of UAE. The entire solution was implemented by Pacific Control Systems, in conjunction with Etisalat.

Sheikh Rashid Building, located in Al Mamzar Dubai is a multi-utility facility dominated by Commercial establishments such as Offices, Restaurants and retail shops. The 221,000 square feet premises is just like any of the dozens of buildings around the country, guzzling energy by the hour predominantly through the central Air-conditioning system. The management of this building decided to address this problem through a government recognized program, rather than the many private service providers that promise big but deliver short.

The timely implementation of this project by Pacific Control was crucial to the success, especially considering that they did not replace any equipment while maintaining smooth operation of the building which was fully occupied throughout. None of our customers sensed that there was a special project going on behind the scene.

Pacific Control engineering services team did a thorough technical survey well before a commercial offer was made to us. This ensured they understood the complexities of the installation even before commencing their work. It was decided to implement energy conservation measures (ECMs) on the York chiller plant as well as the Fresh Air Handling units to deliver the best Return-on-Investment (ROI). By connecting these systems to their 24X7 Global Command & Control Centre in Jebel Ali via a dedicated GPRS data-link, Pacific Controls energy engineers were able to monitor the performance of our building, construct an energy profile, and apply the appropriate ECMs such as chiller load optimization, sequencing and pump lead-lag control. During conducive ambient conditions the system used free cooling via the Fresh Air Handling Units. Optimum start & stop scheduling ensured further savings while continuing to maintain the required indoor comfort conditions.

Unlike standard Building Management Systems, the Emirates Energy Star program is capable of cutting edge techniques such as continuous commissioning to overcome electro-mechanical fatigue resulting in a whopping saving of 34% on our energy bills over 15 months and an ROI of 8 months. This surpassed our original expectation by a big margin and translated to CO2 reduction of 793ghg, which significantly dropped our Carbon footprint. Thanks to this effort by Pacific Control and Etisalat, Sheikh Rashid Building is now the proud recipient of a Platinum rated Emirates Energy Star.

This letter has been issued on the request of the client without any responsibility or guaranty on our part or any of its signing authority.

Sincerely,


Mr. Mukarram Shabbir
Financial Controller