



DoubleTree Hotel @ Walt Disney World Orlando Lowers Operating Costs Using Green Technology

BACKGROUND DISCUSSION

One of the largest REIT's in North America consisting primarily of upscale hotels utilizing a variety of well known, prestigious names was looking to not only to qualify for LEED certification programs but also lower their rising utility costs in the process.

In addition, the organization was looking to adequately address the inconsistent results that they experienced across their portfolio of holdings.

PATH TO SUCCESS

Site visits and meetings were the first step in evaluating each location to assess the current water treatment performance on the cooling tower systems. These assessments included visual inspections, thorough microbiological testing, multi metal corrosion monitoring and historical system control strategies.

During the numerous visits that took place it was noted that many of the facilities encountered performance problems linked to inconsistent control over the incumbent water treatment program resulting in poor performance and consequently increased operating costs.

VALUE IN ACTION

To first stabilize and then improve upon the current programs, an EnviroTower system was implemented at one of the locations to evaluate the effectiveness of the technology. To ensure the success of the program regular service visits, operator training and remote monitoring were part of the support package. Positive results were the norm when iron & copper corrosion rates were monitored. In addition, microbiological levels were allows within acceptable industry standards. However, the strongest feature of the product was based on the fact that energy costs were reduced by 15% and water costs reduced by 25% resulting in an ROI of only 1.2 years for the investment. Since this initial study was implemented five more locations have been retrofitted with the device with more facilities to follow in the very near future.

EnviroTower, a clean technology industry leader, provides a proven, reliable solution for maximizing energy and water efficiencies while minimizing environmental impacts of cooling towers. The company enables commercial, institutional and industrial customers to drive down their energy and water costs through a clean, comprehensive water treatment system that delivers consistent, measurable results. See www.scalebuster.com/envirotower