E verett Mall has spent the last several years updating its property and recruiting new tenants. The Snohomish County Tourism Bureau website proudly boasts: “Introducing a NEW EVERETT MALL! Everett Mall is a newly enhanced and conveniently located regional shopping center offering experiences in dining, fitness, health and beauty, entertainment, family time, and, of course, shopping. Visit long-time favorites like Macy’s, Sears, Old Navy, Bath & Body Works, Victoria’s Secret, Regal Cinemas, LA Fitness and more; or try out the newest additions: Burlington, Ulta Beauty and Party City. Enjoy new family amenities including a bigger, better soft play area, a family restroom and new strollers available to rent at Guest Services. Everett Mall is located just off I-5 at Exit 189.”

In addition to new paint, tile, carpet and many other visible improvements, Everett Mall chose to invest in energy-efficient lighting.
Nearly 180 100-watt metal halide lights located in the main mall corridors were replaced with the same number of 45-watt Galaxia LED hardwired fixtures. Rick Allen, PROLIGHT LED, worked with Everett Mall management to identify the best fixture to meet its needs and re-designed the lighting layout to better serve the space.

The Galaxia LED fixture includes controls that allow the lights to be dimmable and programmable. Mall hours can be input using an application that automatically controls the lighting, ensuring that lights are dimmed after the mall closes. When shopping hours are extended during the holidays, changes can be programmed into the app to keep lights at full brightness longer. Each of the mall’s seven different zones can be controlled and adjusted by simply having access to a smart device.

The Galaxia GP300TK LED offers excellent efficiency, minimized glare and no flickering with a built-in sensor control.

Prior to this lighting upgrade, Everett Mall had no lighting controls in place. The mall’s common area lights were on 24/7, creating incredible energy-saving potential. The lighting system load was reduced by about two-thirds, saving an estimated 151,708 kWh a year. PUD incentives covered about three-quarters of the total cost of materials, and the mall’s investment will be recovered through energy savings in less than a year.

The interior LED lighting project was deemed such a success that mall management was able to gain the attention and interest of corporate investors to pursue upgrading the parking lot lighting to LED.

In the upcoming weeks, using GigaTera’s META Series fixture, 15 400-watt MH fixtures will be replaced, one for one, with 130-watt, 5000k LED fixtures, and 88 1,000-watt MH fixtures will be replaced with 176 of the same META 130-watt LED fixtures. By removing the energy-intense metal halide technology and replacing it with energy-efficient LEDs, the mall is expected to save more than 320,000 kWh per year; a reduction of over 75%.

Designed to withstand extreme outdoor environments in all weather conditions, META Series can easily replace traditional fixtures ranging from 70W to 400W.

These kinds of energy-efficiency projects represent big wins for everyone involved. The Everett Mall and its tenants enjoy lower energy bills, while the mall’s customers enjoy a better shopping experience. For the PUD, energy saved is energy that doesn’t have to be generated or purchased. That saves money over the long haul for all PUD customers.

Contact your Account Manager for information on energy-saving technologies and incentives that may be available for your lighting, HVAC, controls and other measures.

The electronic version (PDF) of this issue is available at www.snopud.com/powernews