

# Gaylord National

# Green Initiatives

Marriott International, Inc. aspires to be the global leader that demonstrates how responsible hospitality management can be a positive force for the environment and create economic opportunities around the world in the communities where we work and live! Gaylord National Resort & Convention Center continues to take steps towards a green environment for our planet.

## WATER CONSERVATION

- Towel and linen reuse program for guest rooms
- Low-flow faucets and toilets in guest rooms
- Automatic water conservation toilets and faucets in public restrooms
- Water-efficient landscaping and irrigation system in place

## WASTE REDUCTION

- Single-stream recycling program and on-site cardboard baler converts between 150,000 to 170,000 pounds per month.
- Bulk purchasing, reduced packaging, and manufacturer take-back initiatives in place
- Elimination of single-use, individual toiletry bottles in guest rooms
- Recycling ink cartridge and toner cartridge program with on-site business center
- Paperless billing and E-copy machines
- Partnering with RTI to make our kitchens safer, smarter, more efficient, and more sustainable through its automated oil storage, handling, filtration monitoring, and disposal management systems
- RTI also removes 1,250 pounds of oil each month through its automated oil storage program

## FOOD-RELATED INITIATIVE

- Partnership with Food Recovery Network to donate all unused cooked food to feed in-need people. In 2023, supplied 22,987 meals to fight hunger.
- Rooftop beehives to support the environment and provide honey for the resort's culinary offerings
- On-site herb garden for use in kitchens
- Focus on local, organic, and sustainable food providers including sustainable seafood and humanely raised meat
- NEW for 2024: Installing BioGreen 360 food digestion system to turn food refuse into fertilizer

## ENERGY CONSERVATION

- New for 2024: Solar project to add 3.5 acres of solar panels on the roof of the hotel which will produce nearly 7% of the hotel's energy
- New for 2024: LED lighting in the parking garage
- On-site CHP (Combined Heat and Power) system that produces up to 90% of the electricity used on-site to reduce energy waste heat and reduce the pressure on the local electrical grid.
- BAS (building automation system) to manage energy systems to ensure energy efficiency
- 24-hour monitoring of central plant operation sequences
- Variable frequency drives for chillers, circulating pumps, cooling towers, and air handlers
- Upgraded fluorescent lights with motion sensors and electronic ballast in most office areas
- Time-based exterior lighting system with daylight sensors and timer capabilities
- Exhibit Hall light fixtures feature dual switching, enabling 50% light output during tradeshows
- Routine maintenance of air handler units and coils to ensure clean air and energy efficiency
- Atrium glass has Low-E coatings and double-pane glass in all window walls, which reduces solar load on HVAC systems
- Daylighting systems in the atrium and pre-function areas automatically turn off lights when natural lighting provides proper illumination levels
- Variable Air Volume (VAV) systems modulate the flow of air to meet the specific needs of each space, reducing air to the minimum needed for safety and occupant comfort
- HVAC controls monitor CO2 levels in the air to minimize the amount of unconditioned air in meeting rooms



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