

GREEN ATLANTA

HOTELS

HYATT REGENCY ATLANTAⁱ

In 2010 it became **Green Key Certified**. Energy Consumption has been reduced 44 percent and water consumption reduced by 33 percent since 2000.

- Thermostat Sensors that adjust temperature when no motion is detected
- Water Conservation- Low-flow toilet that decreases water usage (Saving 2.25 million gallons/year)
- Dishwashing machines have been replaced with high-efficiency units
- Laundry is outsourced to high-efficiency commercial Laundromats
- Outdoor irrigation water is reclaimed from air conditioning unit condensation
- New air-handling system
- LED lighting in all new Food & Beverage concepts
- Sensor thermostats in Atrium Tower and all new high-efficiency air conditioning
- Thermal pane, low-E glass windows- decrease costs by \$2 million/year
- Energy Star appliances
- Recycled more than 1,475,000 pounds of material in 2010
- Encourages guests to recycle
- No longer delivers newspapers to rooms- saves 21 tons of wasted paper
- One of first hotels to qualify for the Green Foodservice Alliance's Zero Waste Zone:
 - food waste is used for bio-fuels, compost, and recycling

MARRIOTT MARQUISⁱⁱ

Marriott International was ranked seventh on the *Sunday Times* '**Best Green Companies list**'

- Single stream recycling system
- Food Waste recycling
- Low VOC Paint- low in Volatile Organic Compounds (VOC)-safer and less polluting
- Linen-less tables in Atrium meeting spaces
- Linen re-use program in guest rooms
- Room keys made of 50% post consumer content
- Recycled paper and pens in all conference spaces
- Reclaimed water used for in-house laundry
- 1.28 gallons per flush toilets in guest rooms
- Automatic sensors on all public area plumbing fixtures
- Light-bulb and battery recycling program
- Recycled 5 million gallons of water annually from laundry usage
- Reduced energy consumption by 10 million kWh, (28 percent reduction)
- 30% improvement in EnergyStar rating
- 34% reduction in natural gas
- 28% reduction in electricity
- Saved 22,472,312 gallons of water since 2005

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HILTON ATLANTA^v

Member of the Covene Green Alliance

- Food recycling with Close Loop Organic company- composts food waste
- Cardboard recycling
- The "recycling card" allows guests to opt out of daily linen/towel changes by placing a recycling card on the pillow

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- Efficient light bulbs use 75% less energy than standard lighting, and lasts 10 times longer
- Self-serve kiosks for check-in/out provide guests with a paperless option
- Use eco-smart coffee cups and recycled to-go boxes
- For meetings with 50 people or less, guests are provided with eco-pens and recycling bins for the meeting.

SHERATON ATLANTA^{vi}

Presented with the "Good Earthkeeping Award" by The Georgia Hotel & Lodging Association for its green initiatives and conservation efforts.

- Efficient soft lighting
- Efficient water heating system- increased efficiency 50 percent
- Water conserving toilets- reduce resource usage by 30 percent

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WESTIN ATLANTA^{viii}

- Green Meeting Package:
 - bins for recycling aluminum and plastic
 - pads made from recycled paper
 - healthy breaks and meal options
 - biodegradable cups
 - biodegradable cutlery and boxes for boxed lunches
- All unused food is donated to the Atlanta Table- local charity
- Guests have option of reusing towels and linens
- Recycles paper, cardboard, aluminum cans, glass and plastic in guest rooms and open areas
- Hotel staff picks up trash in the local community one afternoon per month
- High efficiency light bulbs save 81% of electricity
- Boilers have been replaced with high efficiency gas boilers for the heating system
- Exterior plants have been replaced with drought tolerant plants to conserve water
- Food and water served in bulk on washable dishes to reduce waste
- Active member of the green hotel association
- For guests who actively take action in reducing their carbon footprint, the hotel will donate one dollar towards planting trees in the community
- Support local growers by purchasing organic, locally grown products- harvest to table

OMNI HOTEL AT CNN CENTER^{ix}

- Printing on Forest Stewardship Council certified recycled paper when possible
- Styrofoam-free environment
- Recycling bins paper, plastic, and glass are readily available for all customers
- Left over food is offered to local food banks and shelters
- Farm-to-table culinary options are offered
- Utilizing more energy efficient laundry processes
- Staff is encouraged to use mass transportation and carpooling options
- Water is only served upon request to reduce waste
- Water filter pitchers used in meetings to reduce plastic bottle waste

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Facilities

Georgia World Congress Center^x

- In 2010, the Georgia World Congress Center diverted 560 tons of waste from the landfill.
- Over 91,400 lbs of paper, glass, plastic and aluminum were recycled in 2009.
- Cardboard is baled and recycled.
- Food waste from the kitchens is composted.
- Each of the 106 meeting rooms at the Georgia World Congress Center has a spring water cooler. This reduces the amount of plastic bottles consumed on site, therefore minimizing waste.
- Left-over food, tools and supplies from events are donated to local food banks and charitable organizations. Over 30,000 lbs of food is donated annually.
- Cooking oil is recycled.
- Electricity consumption was reduced by 5.5 kWh from July 2009-March 2010, which is more than one normal month's worth of electricity.
- During move-in and move-out in the exhibit halls only half-lights are used and HVAC is reduced.
- Portions of the facility are closed off when not in use, by turning off escalators and lights.
- Building C's energy efficient plant (chillers and boilers) is used to cool & heat Buildings A, B & C. New towers in Building A are energy efficient.
- Temperature is monitored at higher set points, in order to reduce energy consumption.
- Florescent and metal halide lighting are used for longer life and efficient energy consumption.
- Renovations in Building A & B include energy efficient ceiling tiles, safety glass and lighting. Building A's new escalators are energy efficient.
- \$163,000 worth of water was saved from July 2009-February 2010.
- Water aerators have been installed on sinks and low flow devices on the toilets and urinals to reduce water consumption.
- Timed water faucets have been installed on sinks.
- Water pumped from two wells located on campus is used for irrigation and ornamental water features.
- Participation in the Clean Air Campaign's Idling Reduction Program. The Georgia World Congress Center is a No Idling Zone.
- Outside air ventilation is mixed into the return air.
- The GWCC is a non-smoking building.
- Carbon dioxide sensors are installed in each exhibit hall.

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- Carpet is 80 percent wool, 20 percent nylon, meeting the Carpet & Rug Institute's (CRI) Indoor Air Quality criteria.
- Registered with the U.S. Green Building Council to work towards LEED certification for Existing Buildings: Operations & Maintenance
- Green cleaning chemicals are used throughout the building.
- Low VOC (Volatile Organic Compound) adhesives are used.
- Low VOC paints are used.
- The veneer on the meeting room doors and surrounding the Georgia Ballroom was cut from a managed forest.
- Linoleum is used in service corridors and auditoriums.
- Ceiling tiles in the meeting rooms are sustainable to the environment.
- The Green Team meets once a month and green messaging is conveyed to employees.
- Recycled paper is used in offices.
- Campus maps and collateral are printed on recycled paper certified by the Forest Stewardship Council.
- Bike racks & proximity to MARTA promote green friendly ways to get to work as well as internal promotion of the Clean Air Campaign. The GWCC was one of the top 10 companies in the region with the highest employee participation rate in the 2010 Give Your Car the Day Off event, organized by the Clean Air Campaign.
- State-of-the-art controls system is used for lighting, HVAC, fire protection and security.
- The West Plaza and International Plaza incorporate a green space over a parking deck.

Georgia International Convention Center^{xi}

- The GICC currently has a glass, aluminum and paper recycling program in place
- Food composting program available on an event-by-event basis. The GICC is working on creating a larger, permanent composting program that will hopefully be in place by the end of 2011.
- Nearly all cleaning products are green including glass cleaner, bathroom and surface cleaners
- The GICC's in-house catering provider, Proof of the Pudding is an industry leader in green/sustainable practices including using locally-sourced, organic, and sustainable items, whenever possible, including fruits and vegetables, sustainable seafood and natural organic meats
- We are investigating the requirements to become a LEED-certified building
- The GICC is the only convention center in the U.S., with a direct connection to an international airport, called the ATL SkyTrain. The ATL SkyTrain is a FREE, light rail train system that transports guests to and from the airport, cutting down on the amount of airport and roadway vehicle traffic and related carbon emissions

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Phillips Arena^{xii}

- World's first LEED certified NBA Arena, achieved in April 2009
- Held an Electronics Recycling Drive in partnership with Georgia's Own Credit Union in early April 2011
- Threes for Trees and Green Goals in partnership with The Home Depot
 - For every three pointer scored by the Hawks in the 2011 season, a donation was made to Trees Atlanta.
 - For every goal scored by the Thrashers in the 2011 season, a donation was made to Trees Atlanta.
- Collected plastic cups and bottles from fans through their "Green Team" in partnership with Waste Management

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TRANSPORTATION

MARTA^{xiii, xiv}

MARTA was granted a \$10.8 million grant in September of 2009 under the Transit Investments for Greenhouse Gas and Energy Reduction Grant Program. With the grant, MARTA implemented a solar-powered bus garage that generates electricity equal to the facilities annual electricity consumption.

- MARTA and the city of Atlanta were awarded the "Clean Cities Lifetime Appreciation Award" from the U.S. Department of Energy for their green initiatives.

- 38 rail stations- accessible North, South, East and West Atlanta
- 91 bus routes in addition to the rail-line
- Carries 93% of all transit riders in the Atlanta region, alleviating traffic congestion and lowering the city's carbon footprint
- On average saves: 19.3 million gallons of gasoline
- Kept more than 300 million pounds of pollutants out of the air in one year alone.
- Saved Atlantans approximately 25 million man-hours in traffic delays

HARTSFIELD-JACKSON INTERNATIONAL AIRPORT (ATL)^{xv, xvi, xvii}

Partnering with EcoMetrix Environmental Management, the world's busiest airport has made major environmental initiatives:

- New Fixtures and low-flow plumbing in terminal restrooms, which save almost 7 million gallons of water per month
- Water conservation and recovery system, which recaptures more than 145 million gallons of water per year. (in 2010 alone, cut 20 percent annual water usage [enough to fill more than 10 Georgia Aquariums])
- Energy conservation efforts resulted in more than 7 million kilowatt-hours of electricity in a 10-month period and \$1 million of capital investment
- Implemented water-conserving chiller plants
- GreenSortATL- the airport's recycling and landfill diversion project. – enhanced recycling at terminals
- Encourages single-engine taxing when possible
- Promoted efforts to switch all Ground Support Equipment (ramp loader, luggage carts, fueling carts, etc.) to electric power.
- Installed preconditioned air and ground power unit at all gates- limits use of auxiliary power units while aircraft is at gates
- Food court initiative to require the use of compostable materials
- Replace lighting with around 3,000 LED edge and guard lights- cutting light's energy use by approximately 50%
- End-around Taxiway (built spring of 2007)- increased departure rate leading to lower emission and fewer delays

DELTA^{xviii}

Delta has been an industry leader in environmental efforts for the last 10 years.

- Delta has reduced its CO2 emissions by 30 percent since 2000 through fleet renewal, aircraft retirements, and the replacement of older ground-handling equipment.

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- Delta's new aircraft fleet is 35 percent more fuel efficient than older aircrafts.
- Fuel-efficient fleet performs at 55 passenger-miles per gallon, the same as a hybrid car with one person
- Motor- less carts are stationed at gates to transfer fuel from the underground hydrant system to the aircraft, saving approximately 250,000 gallons of fuel per year as well as reducing travel delays and creating a safer work area.
- Delta is replacing its cargo containers with new lighter models, which will save more than 1.3 million gallons of fuel per year.
- More efficient flight planning, dispatch procedures, flight ops procedures and ATC initiatives results in savings of approximately 70 million gallons every year.
- Delta has reduced its water usage in its Atlanta Technical Operations center by 50 percent and also has initiated a water reduction/recycling designed to reduce water consumption by 500,000 gallons per day.
- Delta has implemented E-tickets for 99.9 percent of all interline ticketing
- All printing at the Atlanta headquarters is double-sided, reducing waste.
- The airline's inflight recycling has diverted 1,263,311 pounds of aluminum, plastic, and paper.
- Delta instituted Ride-share programs at its Atlanta base and subsidizes mass transit costs
- The airline is strongly supporting research and development of alternate fuels, and employees are active in volunteerism by planting trees, habitat restoration, and removal of invasive species.

FUTURE PROSPECTS:

ATLANTA BELTLINE^{xix}

- A \$2.8 billion redevelopment project aimed at integrating the Atlanta's land use for transportation, green space, and sustainable development.
- Approved in 2005, the Beltline Project has a 25-year vision for full implementation

About the Beltline:

- Transit: 22 mile loop, along mostly abandoned former rail lines. It will weave through 45 Atlanta neighborhoods and will connect to 5 existing MARTA locations and to future transportation services such as the Peachtree Streetcar and commuter rail lines.
- Trails: 33 miles of trails will create a new pedestrian-friendly environment that will connect to the Beltline Transit
- The Atlanta Beltline will increase Atlanta's green space by nearly 40% with 1,300 acres of new parks throughout 25 years.

Environmental Initiatives Projected:

- Beltline will include: 33 miles of multi-use trails, 40 parks, 700 acres of existing parks, and a 22 mile transit connected to 5 MARTA locations
- The project will redevelop 1,100 acres of brownfields- creating new public spaces and improving the city's natural environment.
- Atlanta Beltline Arboretum: A living tree museum, located in a park or garden – will work as an indoor/outdoor classroom for scientific research and environmental

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appreciation. Will preserve urban forest, increase shade, all while enhancing connectivity and transportation.

-Removes roughly 13-pounds of Carbon-dioxide from the air/per tree

ATLANTA STREETCAR^{xx}, ^{xxi}

*The first street car is expected to be delivered in September 2012 with revenue service beginning in early 2013

In coordination with the Beltline project to increase urban mobility and sustainable development, the long-term vision for the proposed Atlanta Street car includes: north-to-south route from Brookhaven MARTA to Ft. McPherson and East-to-West route connecting The King Center to the Centennial Olympic Park area.

Features include: Higher passenger loads, fewer emissions, reduced dependence on cars.

Environmental Initiatives Projected:

- Minimize the demand for travel via automobile trips
- Improve mobility for short trips
- Increase connectivity and overall efforts of Atlanta Mass Transits
- Complement long-range policies for land use and economic development
- Reduce the demand for surface parking
- Reduce energy sources necessary to sustain public mobility investments

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Parks and Recreation

General Park Facts

- The city of Atlanta has 348 parks, totaling over 3400 acres. 226 parks are maintained by the Office of Parks, while the remainders are either up for adoption or have been adopted by volunteer organizations.
- There are 33 recreation centers located in Atlanta, offering after school programs, summer camps, cultural arts programs, senior programs, and therapeutic programming for individuals with disabilities.
- Out of 55 area parks, there are 182 tennis courts available for use.

Golf

- There are a total of six golf courses in the city of Atlanta, featuring four 18-hole courses, one 9-hole course and one youth golf course.^{xxii, xxiii}
- Atlanta is home to four public golf courses, each offering a different challenge for players. In 2011, Golf Magazine and the National Golf Foundation's listing of the Best Golf Cities in America, Atlanta ranked eighth out of ten. Voting was based on reader's choice.^{xxiv, xxv}
- The Atlanta Athletic Club, located 25 miles north of Atlanta, held the PGA Championship in 2001, and is host for the 2011 PGA Championship as well. The Atlanta Athletic Club has two championship 18-hole golf courses and a nine-hole par 3 course as well.^{xxvi}

Piedmont Park^{xxvii, xxviii}

- Known as Atlanta's largest and most visited green space
- Underwent a 53-acre expansion beginning in 2008 and is nearly complete. This increased their usable green space by 40 percent.
- The expansion included the addition of a public pool, renovated, LEED-certified Greystone, 9000 square foot event facility, roughly 30,000 square feet of outdoor plazas, patios and picnic pavilions, nearly 3 miles of new paths and trails, an expanded dog park, lake front green space with bocce courts, new sports fields, two restored creeks and an old growth forest, 1,000 new trees and an interactive fountain.
- Home to one of the oldest and most valuable collections of trees in the city of Atlanta.
- The Conservancy, since its founding in 1989, is committed to the reforestation, protection and care of trees in Piedmont Park.

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- There have been 800 new trees planted in the historic section of Piedmont Park and 900 new trees in the expansion.
- It is estimated that trees in Piedmont Park's North Woods and front Lawn areas remove 1,750 pounds of pollution from the air each year.
- There is a Green Market every Saturday morning. The Green Market was voted in the top five farmer's markets in Atlanta by Access Atlanta featuring locally grown produce, farm fresh meats, artisan cheeses, fresh cut flowers, baked goods, coffee, tea and juice.

Fishing

- Georgia offers 50,000 acres of freshwater, 12,000 miles of warm-water streams wider than 10 feet and 4,000 miles of trout streams.
- 1.29 million resident fishers benefit from the diverse freshwater resources throughout the state.
- Stone Mountain Park has two public fishing lakes carrying large bass, weighing in the double digits.
- The Jimmy Carter Library and Museum offers ponds stocked with fish that overlook the Atlanta skyline.
- In 2002, Piedmont Park Conservancy renovated Clara Meer Lake, adding a new aeration system, three new piers and a large dock. Typical catches include largemouth bass, crappie, catfish and bream.^{xxix}

Hunting

- Most of Georgia's hunting is done on private land, but there's about 1 million acres of public land, known as Wildlife Management Areas (WMA) throughout the state.
- Areas relatively close to Atlanta include: Paulding Forest Wildlife Management Area, Rum Creek Wildlife Management Area, Wilson Shoals Wildlife Management Area, Dawson Forest Wildlife Management Area, Alatoona Wildlife Management Area and Charlie Elliot Wildlife Center Wildlife Management Area.
- Controlled hunting for deer, turkey, dove and small game is the most common at WMA's.^{xxx}

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ATTRACTIONS

GEORGIA AQUARIUM^{xxx}

- Leading facility in aquatic animal conservation and research.
- Conservation Projects:
 - Whale Sharks in Mexico
 - Belugas in Alaska
 - Dolphins in Florida
 - Penguins in South Africa
 - Heavy metal manatees, Mexico
 - Mega-reef exhibits
 - Turtle nesting in Georgia
 - Spotted Eagle Rays in Florida
 - Right whales in Georgia
 - Veterinary Research
- 4R program encompasses, supports and funds Georgia Aquarium efforts in the areas of rehabilitation, rescue, research, and responsibility.
- Seafood "Saavy"- source of information to prevent overfishing and to help people make informed choices to ensure a future for fish populations

ZOO ATLANTA^{xxxii}

The zoo has a group of staff members and volunteers, called the Green Team, who meet monthly to monitor the Zoo's environmental efforts and maintain a sustainable work place.

- Elephant manure and bamboo compost diverts 1,800 cubic yards of waste from a landfill and can be burned as fuel by Georgia Power
 - Compost program won 1st place in 2008 Keep Georgia Beautiful Awards for Waste Reduction and Recycling
- Recycle plastic, glass, paper, cardboard and aluminum cans in public areas around the Zoo
 - 29,017 pounds of paper and cardboard
 - 21,137 pounds of scrap metal
 - 16,264 pounds of plastic
 - 5,380 pounds of electronics
 - 358 pounds of aluminum
 - 284 pounds of batteries
 - 180 printer cartridges
 - 97 fluorescent bulbs
- Recycle cell phones in the Willie B. Conservation Center and staff areas (1,343 cell phone were recycled last year)
- Recycle Zoo maps at Panda Veranda and entrance gate
- Recycle batteries in all work areas
- Green Team throws events throughout the year to educate guests on environmental initiatives:
 - Earth Day- April 25
 - Members Only Nights- May 30 and Sept. 12
 - JAZZOO- Sept. 26

GREEN ATLANTA

- The Zoo Atlanta website also has tips for kids, homes, and initiatives around the park to educate and promote a sustainable lifestyle.

ATLANTA BOTANICAL GARDEN^{xxxiii}

In 2009, the Atlanta Botanical Garden created a \$55 million green expansion; including the addition of a sustainable parking deck, a new visitor center and new amenities within the garden.

- New visitor center provides 30% over standard guidelines for energy saving.
- The center's green roof provides a natural barrier to reduce heat gain and energy use, all while adding an additional garden for visitors.
- The new seven-level parking deck is nestled in a hillside, designed to achieve LEED Gold certification. The deck is fully integrated with terrain to reduce impact on the environment
- The old parking deck returned 3.6 acres of existing paved area to its natural state.
- 5% of the parking lot is designated for alternate fueled cars and carpoolers.
- A 95,000-gallon capacity concrete cistern captures storm water runoff to aid in water conservation and providing irrigation to 40% of the property.
- Low-flow plumbing fixtures are used throughout the development.
- Recycled at least 75 percent of construction, demolition, and land-clearing waste.
- Restored 50% of the site by replacing impervious sources with native vegetation
- Green-e power operates the visitor center and parking facility. Power is generated by clean energy sources (sun, wind, water, and biomass energy production).
- On-site recycling area for paper, cardboard, glass, plastic, and metals.

WORLD OF COCA-COLA^{xxxiv}

In summer 2011, Coca-Cola was recognized by the Corporate Eco Forum for its efforts to promote sustainability, using recyclable plant bottles, moving away from refrigerants, and donating to the World Wildlife Fund.

- Opened in 2007, the New World of Coca-Cola building received LEED Gold Certification
- 20 percent of the New World of Coca-Cola building was constructed of a recycled "green" nature, including bamboo and recycled rubber flooring.
- Recycled polyethylene terephthalate (PET) - the key ingredient in plastic beverage containers- was used as carpeting.
- 90 percent of construction waste was salvages, reused or recycled.
- Building uses low-emission paints, adhesives, sealants and carpeting.
- Building is 30 percent more energy-efficient than Georgia standard energy code
- Building uses 40 percent less water than standard buildings because of fitted fixtures and faucets.
- The landscape surrounding the attraction uses light colored pavement, vegetated grounds, and a reflective roof to reduce heat.
- Drink cups in the "Taste It" lounge are produced from 100 percent compostable cornstarch.

HIGH MUSEUM OF ART (WOODRUFF ARTS CENTER)^{xxxv}

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Woodruff Arts Center signed to take the Georgia Governor's challenge to reduce energy by 15 percent.

- Green Roof Initiative- Actively growing a GreenGrid roof system on top of the High Museum of Art's Bunzi Center and the SCAD dormitories on the WAC (Woodruff Arts Center) campus- totaling 12,000 sq. feet of vegetation, the largest in Atlanta
- Replaced the parking garage's Metal Halide lights with low-energy fluorescent lights- saving \$15,000/year and lowering CO2 emissions by 306,209 pounds/year.
- Installed a new HVAC Automation System to reduce energy consumption, producing a 15 percent savings (\$22,680/year and 404,982 pounds of CO2/year) on energy costs and reduction in carbon profile.
- Partnered with MARTA to make commuting for employees more convenient
- Implemented a new bicycle sharing program

ATLANTIC STATION^{xxxvi}

Won the Phoenix Award in EPA's Region 4 and later the Grand Prize Phoenix Award. 171 17th Street in Atlantic Station was the first High-rise office building in the world to earn a LEED Silver- Core and Shell classification.

- Redeveloped Atlanta's first steel mill into the largest urban brownfield development in the country. They restored and remediated contaminated soil from industrial use and moved 12,000 filled trucks of material from site.
- As a "work-play-live" site the environment will be use less cars and will be walk-able or accessible by trolley.
- Energy Solution will construct a district cooling plant, reducing the amount of electricity used in the development by 15-20 percent- producing emissions savings equaling 2 million gallons of gasoline.
- 100 percent of all commercial buildings at Atlantic Station are required to conform to U.S. Green Building Council's LEED rating system.
- Recycled over 150,000 cubic yards of building material on-site.

CENTENNIAL OLYMPIC PARK^{xxxvii}

- Centennial Olympic Park provides 21 acres of green space in the heart of downtown Atlanta
- Park beautification projects help educate the public about green initiatives and landscaping
- Green certified cleaners, recyclable toilet paper and paper towels are all used in public restrooms
- Park administration office recycles paper, plastic, glass, aluminum, and electronics
- Park administration office uses 100% recycled paper and all publications are printed on Forest Stewardship Council's certified recycled paper
- Park operations use battery-powered carts
- Park uses compostable, 100% recycled paper and bags with 100% recycled ink for merchandise
- Public safety patrols the Park on bicycles
- Bike racks are stationed around the perimeter of the Park, encouraging eco-friendly transportation.

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- In walking distance of three MARTA stations (Peachtree Center, Five Points, and Dome/GWCC/Philips Arena/CNN Center)- encourages mass transit
- Park recycles for events with 1500 attendees and offers composting for food waste upon request.
- A well and cistern double as holding tanks for well water and as the landscapes irrigation system
- Restrooms utilize efficient features made of recycled content

IMAGINE IT! CHILDREN'S MUSEUM OF ATLANTA^{xxxviii}

- "Conservation Quest"- (July 3- September 12, 2010) Children's exhibit to promote education about energy and conservation. Children learn about water, wind, and solar energy at interactive stations. Measure how much electricity your family uses through a computer interactive.
- Corporate Partnership donations go towards environmental efforts

STONE MOUNTAIN PARK^{xxxix}

- Marriott International on Stone Mountain Park earned certification of "Certified Audubon Cooperative Sanctuary"- this requires businesses to complete projects in Wildlife and Habitat Management, Resource Conservation, Waste Management, and Outreach and Education.
- Stone Mountain Golf Course has made efforts to test water-quality and to manage water management.
- Installed bluebird nest boxes around Golf Course, reducing chemical use, and maintaining select areas such as meadow and lakes.
- Agreed to invest \$300,000 in updating Park infrastructure and irrigation methods- save roughly 17 million gallons of water/year.
- Recycle water in laundry facilities
- Install waterless urinals- saves 250,000-300,000 gallons of water per year.^{xi}
- Promotes active lifestyles and nature with its Nature Garden Trail, Songbird Habitat Trail, Natural District, and Cherokee Hiking Trail. Also camping, fishing and bicycles are healthy activities that are promoted.

UNDERGROUND ATLANTA^{xli}

- Held in 2009, REI and the Underground teamed up to present a Go Green Get Rewards Festival
 - Green vendors to purchase environmentally conscious products
 - Onsite electronic recycling
 - "Green Giveaways"
 - Kids crafts from recyclable materials
- Connected to MARTA station and offers a Brave's Game Shuttle to promote mass transit and efficient transportation

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Alternative Energy

Industry Facts

- In 2008, Forbes Magazine ranked Georgia as the Third Best State for Alternative Energy from Biomass ^{xlii}

Georgia Power Company^{xliii}

- Has more than 1,100 megawatts of renewable generation, which represents about seven percent of its generating capacity
- Offers a Green Program, EarthCents, which began in October 2006
- They provide energy efficiency advice, conduct energy audits and offer incentives and rebates to help customers make efficiency improvements

Solar Energy

- Solar energy is converted from sunlight
- Generated through photovoltaic (PV) systems that produce zero emissions
- Georgia Power currently buys more than four megawatts of solar energy
- Georgia Power has installed seven PV technologies on the roof of their headquarters, and each will be capable of producing about 4 KW
- Georgia Power has proposed adding an additional 50 megawatts, which is waiting approval by the elected regulators on the Public Service Commission

Biomass Energy

- Biomass energy is organic material made from plants and animals
- Landfills are common sources of electricity based on biomass
- Georgia Power uses methane gas created by the decay of landfill waste as a primary supply of renewable energy for the Green Energy Program
- It is the renewable resource with the highest potential in the Southeast
- Georgia Power has contracts held with seven qualified biomass/renewable facilities, generating 136 MW of capacity (powers more than 34,000 homes)

Wind Energy

- In 2006, a study done by Southern Company and Georgia Tech found wind speeds of 16-17 mph about five miles off the Georgia coast.
- Southern Company is pursuing feasible wind energy generation on the coast
- Lower-speed, and more hurricane resistant wind turbines need to be developed in order to be a possible alternative for energy in the South

^{xliv}, ^{xlv}

Hydroelectric Power

- Georgia Power owns 20 hydroelectric dams across the state of Georgia ^{xlvi}

Hydrogen Fuel Cells

- Atlanta is home to the first company in the Southeast, HydroPhi, that manufactures hydroelectric batteries

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- Serves as a miniature power plant that partially replaces a vehicle's battery without plugging into the country's electric grid
- HydroPhi battery allows vehicles to run 100 miles on a gallon of gas
- Used with RVs, heavy equipment, electric cars, ATVs and bicycles

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Hotels

- i <http://www.hyattregencyatlanta.com/green-initiatives.html>
- ii http://www.elementalimpact.org/webapp_3832153/Atlanta_Marriott_Marquis
- iii <http://www.meetings.atlantamarquis.com/meetings/hotels/hotel-information/travel/atlmq-atlanta-marriott-marquis/Green-Meetings-10.html>
- iv <http://www.marriott.com/corporate-social-responsibility/corporate-environmental-responsibility.mi>
- v <http://livethrive.org/uncategorized/atlanta-hilton-going-green/>
- vi <http://www.sheratonatlantahotel.com/layout/set/print/Press-Room/Press-Room/2009/SHERATON-ATLANTA-SPENDS-20-MILLION-ON-CAPITAL-IMPROVEMENTS>
- vii <http://www.starwoodconventioncollection.com/news/116/>
- viii <http://www.westinatlantaairport.com/Green>
- ix <http://www.omnihotels.com/AboutOmniHotels/OmniHotels/EnvironmentalStewardship.aspx>

Facilities

- x http://www.gwcc.com/about/Growing_Green.aspx
- xi Andria Towne-GICC (adtowne@gicc.com)
- xii <http://www.philipsarena.com/Content/view.aspx?CID=3c4deb7b-e64c-4954-89eb-e84db3125be4>

Transportation

- xiii <http://www.ecosystem.org/Recharging-Mass-Transit-MARTA-s-Solar-Powered-Initiative.htm>
- xiv <http://www.itsmarta.com/using-marta-faq.aspx>
- xv http://www.atlantaga.gov/client_resources/greener%20atlanta/atlanta%20green%20city%20initiatives%20-06.04.07.pdf
- xvi <http://ecometrixem.com/projects/hartsfield-jackson.html>
- xvii <http://www.atlanta-airport.com/Airport/Environmental/LEDAirfieldLights.aspx>
- xviii <http://news.delta.com/index.php?s=18&item=83>
- xix <http://www.beltline.org/BeltLineBasics/BeltLineBasicsOverview/tabid/1691/Default.aspx>
- xx <http://georgiatransitconnector.com/about/>

GREEN ATLANTA

xxi <http://www.atlantadowntown.com/files/Atlanta-Streetcar-29Nov10.pdf>

Parks and Recreation

xxii http://www.atlantaga.gov/government/parks/burparks_parklocations.aspx

xxiii http://www.atlantaga.gov/government/parks/dprcafaq_12804.aspx

xxiv http://www.golfatlanta.com/courses_cityofatlanta.htm

xxv <http://www.golf.com/golf/special/0,30294,1682382,00.html>

xxvi <http://www.atlantaathleticclub.org/>

xxvii <http://www.piedmontpark.org/index.html>

xxviii <http://www.city-data.com/articles/Piedmont-Park-Atlantas-Central-Park.html>

xxix <http://www.pitchengine.com/get-hooked-on-atlantas-hottest-fishing-spots/153803/>

xxx <http://www.atlanta.com/atlanta/articles/georgias-wildlife-management-areas/>

Attractions

xxxi <http://www.georgiaaquarium.org/support-us/conservation/>

xxxii http://www.zooatlanta.org/home/green_initiatives/green_team

xxxiii <http://www.hdmag.com/hospitalitydesign/design-news/Atlanta-Botanical-Ga-701.shtml>

xxxiv <http://www.worldofcoca-cola.com/environmentalcommitment.htm>

xxxv <http://www.woodruffcenter.org/green/green-roof>

xxxvi http://www.atlanticstation.com/concept_green_bldgs.php

xxxvii <http://www.centennialpark.com/index.php/about-the-park/growing-green>

xxxviii

<http://www.childrensmuseumatlanta.org/about/photos/display?set=72157624129352251>

xxxix <http://www.stonemountainpark.org/5.%20Explore/Text/Ecology/golf%20course.pdf>

xl

<http://www.stonemountainpark.org/2.%20About%20Us/Text/Board%20Minutes/2008/February%2018%202008%20minutes.pdf>

xli <http://www.underground-atlanta.com/images/stories/nightlife-events/annual-events/greenday-festival/Go-Green.pdf>

Alternative Energy

xlii http://www.gabio.org/pr_details.aspx?subid=164&refid=13

xliii <http://www.georgiapower.com/earthcents/green/home.asp>

xliv http://www.myfoxatlanta.com/dpp/news/local_news/ga-power-renewable-energy-must-compete-20110711-ap-es

xlv <http://www.georgiapower.com/environment/renewable.asp>

xlvi <http://www.georgiapower.com/about/plants.asp>

xlvii <http://www.ajc.com/business/atlanta-notches-a-renewable-570000.html>