

MGM Springfield: Resort Environmental Profile

The MGM Springfield Resort features a 250-room hotel with amenities including fine dining, world-class entertainment, casino, retail, pool, spa, and theater. The site is the first ever private sector hospitality development certified to the U.S. Green Building Council's Leadership in Energy & Environmental Design® (LEED) Gold level for Neighborhood Development. The project also has four building-level LEED certifications, all rated LEED Gold or Platinum.

This exemplary standard of environmental excellence was enabled through multiple intentional design choices, including:



 <p>Adaptive Reuse</p> <p>As part of our commitment to historic preservation we adapted many existing building and interior structures for reuse instead of demolishing them. This approach was followed at 95 State Street and other parts of the resort, including the Armory and the Springfield Chapel.</p>	 <p>Salvaged Materials</p> <p>Throughout the hotel, including lobby, lounge, and stores, salvaged materials are creatively incorporated into the interior design.</p>	 <p>Green Open Space</p> <p>In partnership with the City, MGM Springfield created Da Vinci Park to provide access to open green space and a location for local art.</p>	 <p>Water Efficiency</p> <p>Water efficient landscaping in the park complements a wider use of water efficient equipment and appliances throughout.</p>
 <p>Daylighting</p> <p>The South End Market restaurant hall has floor to ceiling windows to improve indoor environmental quality and reduce the total energy needed for lighting and space heating.</p>			
 <p>Solar Array</p> <p>As part of MGM Resorts' broader commitment to renewable energy, a 1.1-Megawatt solar canopy with 3,000 panels generates clean electricity on top of the MGM Springfield garage.</p>	 <p>E.V. Charging Stations</p> <p>50 electric vehicle (E.V.) charging stations are provided as well as 140 parking spots for fuel-efficient vehicles.</p>	 <p>Cogeneration Plant</p> <p>A 450kw cogeneration plant produces electricity from turbines and the heat generated is used to heat water for the resort.</p>	 <p>Rainwater Harvesting</p> <p>A rainwater harvesting system captures and stores rainwater that is then used for 100% of the onsite landscaping.</p>
 <p>Public Transit</p> <p>The site is easily accessed by public transit and is both pedestrian and bicycle-friendly.</p>			

MGM Springfield: LEED Project Summaries & Scorecards

MGM Springfield Overall Site

MGM Resorts chose to redevelop the site on which MGM Springfield stands as part of our long-term commitment to Corporate Responsibility: we took a brownfield site hit by a tornado in 2011 and created a human-scale, compact and walkable development with a light touch on the urban fabric.

We also pursued LEED for Neighborhood Development and achieved LEED Gold.



MGM Springfield & Neighborhood	
LEED ND: Neighborhood Development Stage 3 (v2009)	
Smart Location and Linkage	16/27
Neighborhood Pattern and Design	18/44
Green Infrastructure and Buildings	18/29
Innovation and Design	5/6
Regional Priority	4/4
Certification Level	Gold (61 points)

LEED GOLD

MGM Springfield Resort

The main resort features a 250-room hotel that is one of just a handful of LEED Platinum hotels in the world.

During development, over 95% of the debris from construction & demolition was diverted from landfills. The resort is designed to be over 30% more energy and water efficient than required by building code, and healthier, non-toxic materials were used throughout the interior design.



MGM Springfield Resort	
LEED BD+C: New Construction (v2009)	
Sustainable Sites	20/26
Water Efficiency	8/10
Energy and Atmosphere	27/35
Materials and Resources	7/14
Indoor Environmental Quality	9/15
Innovation and Design	5/6
Regional Priority	4/4
Certification Level	Platinum (80 points)

LEED PLATINUM

MGM Springfield Armory

The Armory is a 9,000 square foot site that serves as an innovative event space for concerts, meetings and comedy shows.

This historically significant building from 1895 was restored and updated with energy-efficient windows, lighting that is 40% more efficient than required by building code, and low-flow fixtures to maximize water savings.



MGM Springfield Armory	
LEED ID+C: Commercial Interiors (v2009)	
Sustainable Sites	19/21
Water Efficiency	11/11
Energy and Atmosphere	20/37
Materials and Resources	10/14
Indoor Environmental Quality	11/17
Innovation and Design	6/6
Regional Priority	4/4
Certification Level	Platinum (81 points)

LEED PLATINUM

MGM Springfield Chapel

The French Congregational Chapel which was originally built in 1887 was moved in its entirety to a new location on the MGM Springfield site.

With careful planning most of the exterior and over 90% of the interior was preserved. The building was upgraded with new floors and high-efficiency windows and lights.



MGM Springfield Chapel	
LEED ID+C: Commercial Interiors (v2009)	
Sustainable Sites	19/21
Water Efficiency	0/11
Energy and Atmosphere	24/37
Materials and Resources	7/14
Indoor Environmental Quality	11/17
Innovation and Design	5/6
Regional Priority	3/4
Certification Level	Gold (69 points)

LEED GOLD

MGM Daycare / Child-Family Center

As part of MGM Springfield's commitment to philanthropy and community engagement, \$4M in funding was provided to develop a state-of-the-art daycare and family center just outside the core project boundary.

Designed for all eligible residents (not just MGM employees), the daycare is a state-of-the-art LEED building with geothermal wells, photo-voltaic panels and significant natural daylight to encourage learning.



MGM Daycare / Child-Family Center	
LEED BD+C: New Construction (v2009)	
Sustainable Sites	22/26
Water Efficiency	8/10
Energy and Atmosphere	31/35
Materials and Resources	3/14
Indoor Environmental Quality	11/15
Innovation and Design	5/6
Regional Priority	4/4
Certification Level	Platinum (84 points)

LEED PLATINUM