The Limelight Hotel Snowmass was designed and built with numerous sustainability initiatives. The building has been submitted to the USGBC for LEED certification and meets the Town of Snowmass Village standards of the International Green Building Code. The following is list of specific green building initiatives.

- Heating energy is provided by the Base Village central plant with high efficiency condensing boilers
- Cooling energy is provided by the Base Village central plant with chillers and cooling towers that allow for Free Cooling during cooler outdoor temperatures
- Overall building energy usage is 18 percent below energy code (IECC) minimum standards
- Energy efficient Low-E windows and thermally broken storefront doors
- High Performance building envelop with continuous exterior insulation
- Entire building utilizes Energy Recovery Ventilation (ERV) system, warming fresh air with building waste air
- Advanced utility metering and Building Automation System (BAS) for efficient occupant control of heating, cooling, and electrical systems
- All mechanical, electrical, and plumbing systems have been commissioned for optimal performance
- LED light fixtures and Automatic Daylighting controls in public spaces
- Guestroom All Off lighting controls and lighting occupancy sensors in bathrooms, office, storage rooms, and other locations
- Energy Star appliances
- Variable Frequency Drive (VFD) circulation pumps
- Water saving plumbing fixtures reduce water consumption by 32 percent
- No smoking within 25 feet of building
- Low VOC paints, glues, and sealants
- High solar reflective roofing materials at flat roofs.
- Guest recycling trash cans on each floor