Sales Training Centre, LIC Bareilly, Uttar Pradesh

GRIHA EB

4 STAR

Location	: Bareilly, Uttar Pradesh
Site Area	: 4,993.85 sq.m.
Built up Area	: 3,512.85 sq.m.
Typology	: Commercial
Rating Category	: GRIHA for Existing Buildings (EB)
Version	: V1
Year of Award	: 2025
Client	: Life Insurance Corporation of India
Green Building Consultant	: Passive Design Consultants

The following strategies were adopted by the project team to reduce the building impact on the environment:

Site Parameters:

- Availability of amenities such as Fuel station, grocery store, restaurant, pharmacy and school within 500 meters walking distance from the main entrance of the project.
- 93 newly planted trees were planted in the project to increase the microclimate of the project.
- 57.41% reduction in Urban Heat Island Effect (UHIE) was achieved by implementing strategies such hard paved areas shaded by trees and terrace area treated with rooftop.

Energy:

- Replace 3- star rated air-conditioners, ceiling fans, and geysers with 5-star rated air-conditioners, BLDC technology ceiling fans, and 5-star rated geysers.
- 39.59% of the total energy is offset through on-site and off-site renewable energy system installed in the project.

Human Health & Comfort:

- 96% of the regularly occupied spaces are day-lit and meet the daylight factor as prescribed by NBC 2005.
- Noise levels range from 38.9 dB to 46.2 dB within the acceptable limits as per NBC 2005.

Water:

- Reduction of 35.19% from the GRIHA base case has been demonstrated in the building water demand by installing efficient low-flow fixtures.
- Reduction of 54.68% from the GRIHA base case has been demonstrated in the landscape water demand by installing efficient irrigation system.
- 3 nos. of rainwater recharging pits have been constructed on site to capture rainwater for 100% catchment area.

Social Aspects

- Display of environmental awareness posters in the common areas.
- No smoking signages were placed at multiple locations in the building.