



Milestone Experion Centre

Location	:	Behind 32nd Milestone, NH 8, Sector 15, Part 2, Gurgaon, 122001
Site Area	:	7,287.08 m ²
Built-up Area	:	22,915.92 m ²
Air-Conditioned Area	:	22,915.92 m ²
Typology	:	Commercial & retail
Energy Consumption Reduction	:	50.34% reduction in energy consumption compared to GRIHA benchmark
Energy Performance Index (EPI)	:	67.04 kWh/m ² /year
Renewable Energy	:	Rated capacity of solar PV was installed on site 136 kWp and REC of 38,000 kWh/annum
GRIHA Provisional Rating	:	5 Stars (V: 2015)
Year of Completion	:	2018

The following strategies were adopted to reduce the building impact on the natural environment:

📍 Sustainable Site Planning:

- The project site has been designed in accordance with all the applicable development control regulations and several basic services are present within the 500m walking distance.
- More than 50% of the site surfaces that are visible to sky have been soft paved and/or shaded by trees, china mosaic, pergolas and solar panels.

📍 Water Management:

- Reduction of 66.31% has been demonstrated on building water use by installing water efficient fixtures.
- STP of MBBR technology of 106 kLD has been installed for treatment and reuse of waste water on site.

📍 Energy Optimization & Occupant Comfort:

- 34% of total living area is day-lit.
- ECBC compliant energy efficient artificial lighting system.
- ECBC compliant envelope to reduce space-conditioning loads

📍 Use of Low Energy Materials:

- More than 50% of the low energy materials are installed in the building.
- Reduction of 73.17% in the embodied energy by using flyash bricks for masonry construction.

Integrated Design Team:

Client	:	M. Ramachandran, Experion
Project Coordinator	:	Prabhat Yadav, Experion
Principal Architect	:	Sandeep Chawla
Landscape Architect	:	Design cell
Structural Consultant	:	H.K.Joshi
Electrical Consultant	:	Green horizon
Green Building Design and Certification	:	Green horizon