

## Distribution of **POINTS**

**ENERGY** 

SITE

PARAMETERS

OCCUPANT

**HEALTH &** 

COMFORT

BONUS

# **GRIHA FOR EXISTING BUILDINGS**

#### About GRIHA Council

GRIHA Council is an Independent notfor-profit society jointly set up by The Energy and Resources Institute (TERI) and the Ministry of New and Renewable Energy (MNRE) to promote the development of sustainable buildings and habitats in India.



#### About **GRIHA**

GRIHA (Green Rating for Integrated Habitat Assessment) is a Sanskrit word meaning-'Adobe'. Human Habitats (buildings) interact with the environment in various ways. GRIHA attempts to minimize a building's resource consumption, waste generation, and overall ecological impact within certain nationallyacceptable limits/benchmarks

## **bBOCESS DNITAR**

#### What is **GRIHA EB?**

GRIHA for Existing buildings (EB) rating is an integrated tool to assess the performance of existing buildings and provide sustainable solutions whilst augmenting the indoor comfort of the occupants. The rated building will enjoy enhanced energy and water performance and increased thermal and visual comfort; ultimately resulting in decreased operational and maintenance costs. GRIHA for Existing Buildings rating is designed with underlining objectives, such as attaining environmental impact reduction, simplicity in execution, alignment with local and national goals, and cost effectiveness.

#### Unique Features of **GRIHA EB**

- Rates AC as well as Non-AC Buildings.
- Aligned with National Policies.
- Follows National Codes and guidelines, such as NBC, ECBC, CPCB.
- Addresses the data gap in the Indian market.
- Realistic approach towards indoor air quality.
- Optimum rating fee.
- Commissioning is not mandatory.
- Audit is not mandatory.
- Does not impose purchase of imported, expensive products.
- Strategy oriented instead of product oriented.

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Adaptable for all types of buildings.

#### **SECTION VII:** Bonus Points

**Criterion 12:** Bonus Points **Intent:** Adoption and implementation of innovative strategies in improving the sustainability of the project

#### Fee Structure



#### **SECTION I:** Site Parameters

Criterion 1: Accessibility to Basic services Intent: Promote walking, cycling and public transport

Criterion 2: Microclimatic Impact Intent: Lower the impact of heat island (UHIE), and promote plantation of trees

Management

**Criterion 4**: Metering and monitoring Intent: Promote reliable metering and monitoring

#### **SECTION VI:** Social Aspects

Criterion 11: Universal Accessibility and Environmental Awareness

Intent: Promote accessibility for the people who are differently abled and the elderly and to increase environmental awareness amongst the building users and visitors

#### **SECTION V:** Occupant Health & Comfort

Criterion 9: Achieving Indoor comfort Requirements Intent: Ensure that building spaces provide for thermal, visual, and acoustical comfort

Criterion 10: Maintaining Good IAQ Intent: Ensure good indoor air quality

**CRITERIA AND THEIR WEIGHTAGE** 



### **SECTION IV:** Water Efficiency

Criterion 7: Water footprint Intent: Implement potential water conservation strategies

Criterion 8: Reduction in cumulative water performance Intent: Reduce overall water demand of the habitat

ı Fee	Certification Fee	Rating Fee	
	₹1,50,000	₹2,00,000	
	₹1,50,000 + ₹ 3.5 per additional sq. m over & above 5,000 sq. m	₹ 2,00,000 + ₹ 3.5 per additional sq. m over & above 5,000 sq. m	
	₹3,10,000	₹ 3,60,000	

#### **SECTION II:** Maintenance & Housekeeping

Criterion 3: Maintenance, Green procurement and Waste Intent: Ensure good practices for maintenance, green procurement,

and waste management.

#### **SECTION III: Energy**

Criterion 5: Energy Efficiency Intent: Ensure energy efficiency

Criterion 6: Renewable Energy Utilization Intent: Promote use of renewable energy