

Below is a formal **amendment** to the UM adopted codes regarding ASHRAE 90.1 Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings. The intent is to remove all mandatory and credit-based requirements for on-site renewable energy from Standard 90.1-2022 while leaving other efficiency provisions intact.

Standard 90.1-2022 introduced both an expanded site scope and a minimum prescriptive requirement for on-site renewable energy.

## **Amendment 01: ANSI/ASHRAE/IES Standard 90.1-2022**

### **Title**

Removal of Mandatory On-Site Renewable Energy Requirements, automatic receptacle control and electrical energy monitoring.

### **Section 4. Administration and Enforcement**

#### **Section 4.2.4 Inspections.**

Revise Section 4.2.4 as follows:

All work subject to the provisions of this standard remain accessible and exposed for inspection purposes until approved in accordance with the procedures outlined in the Construction Documents.

#### **Section 4.2.5.2.1 Commissioning Activities Prior to Building Permit Issuance.**

Eliminate this section entirely.

#### **Section 4.2.5.3 Activities Prior to Building Occupancy**

Eliminate this section entirely.

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### **Section 8. Power**

#### **Section 8.4.2 Automatic Receptacle Control.**

Eliminate this section entirely.

#### **Section 8.4.3 Electrical Energy Monitoring**

Eliminate this section entirely.

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### **Section 10. Other Equipment**

#### **Section 10.5 Prescriptive Compliance Path**

Eliminate this section entirely.

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### **Section 11. Additional Efficiency Requirements**

#### **Section 11.5 Prescriptive Compliance Path**

Revise Section 11.5 as follows:

Energy credits may be obtained through efficiency and load management measures identified in Tables 11.5.3-1 through 11.5.3-9. Renewable energy-specific credit options are voluntary.

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### **Section 12. Energy Cost Budget Method**

Revise as follows:

Compliance shall be determined based on the energy performance of building systems and equipment. On-site renewable energy generation shall not be required as a condition of compliance. Delete any language establishing minimum renewable generation thresholds.

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## **Appendix G. Performance Rating Method**

### **G2. Baseline Building Performance**

Revise to state:

The baseline building performance shall not include on-site renewable energy generation.

### **G3. Proposed Building Performance**

Revise to state:

Renewable energy systems may be modeled voluntarily when present in the proposed design; however, no minimum quantity of on-site renewable energy shall be required for compliance with this standard.

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### **Building Site Requirements**

Delete any provision requiring minimum on-site renewable energy generation capacity based on:

- Building floor area
- Site area
- Roof area
- Parking area
- Building energy use
- Climate zone

Replace with:

Where renewable energy systems are installed, they shall comply with applicable electrical, structural, life-safety, and interconnection requirements. Installation of such systems shall be optional and shall not be required for demonstrating compliance with this standard.

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