

2024 Minnesota Commercial Energy Code

ASHRAE 90.1 - 2019 w/ MN Amendments

Administration & Mandatory Provisions, Verification, and Commissioning*

Prescriptive

Performance

Compliance Pathways

Required Documentation

ASHRAE 90.1 Prescriptive Path

- Sections 5, 6, 7, 8, 9, 10, and Mandatory Provisions

- ✓ Full construction plan set including drawings and specifications including information noted in Section 4.2.5.1
- ✓ Clear indications of plans to meet the Verification, Testing, and Commissioning requirements in Section 4.2.5*

W/ ENVELOPE TRADE-OFF (OPTIONAL)

- Section 5.6 (alternate to Section 5.5)

- ✓ Documentation required for prescriptive path
- ✓ COMcheck report

W/ SIMPLIFIED HVAC APPROACH (OPTIONAL)

- Section 6.3 (alternative to 6.4 & 6.5)

- ✓ Documentation required for prescriptive path
- ✓ Clear indication of intent to follow simplified approach

W/ SIMPLIFIED LIGHTING, BUILDING AREA METHOD, OR SPACE-BY-SPACE METHOD

Choose one of the following to comply:

- Section 9.3 Simplified
- Sections 9.4 & 9.5 Building Area
- Section 9.4 & 9.6 Space-by-Space

- ✓ Documentation required for prescriptive path
- ✓ Clear indication of which lighting compliance approach
- ✓ Building official may require COMcheck report or other documentation of installed lighting power and lighting power allowance

Energy Cost Budget Method (ECB)

- Section 11 and Mandatory Provisions

- ✓ Documentation required for prescriptive path
- ✓ Detailed list of energy efficient design features
- ✓ Simulation documentation including simulation program input and output reports, a diagram of thermal blocks, utility rates, etc.

Performance Rating Method (PRM)

- Section 4.2.1.1(c), Appendix G and Mandatory Provisions

- ✓ Documentation required for prescriptive path
- ✓ Detailed list of energy efficient design features
- ✓ Simulation documentation including simulation program input and output reports, a diagram of thermal blocks, utility rates, etc.



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Supporting Energy Codes in Minnesota

*Commissioning is not required for projects < 10,000 sf, multifamily dwelling units, non-refrigerated warehouses, and where the HVAC system simplified approach is used per Section 6.3