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# INTERPRETATIONS OF ENERGY

## MODEL RESULTS

ONLINE PROFESSIONAL COURSES LED BY  
THE WORLD'S TOP SPECIALISTS

**ONLINE TRAINING BY KRISHNAJI PAWAR**

LEED AP(BD+C), GSAS CGP, GCP, ISO 14001

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MODULE  
**L16**

Document findings  
correctness and  
completeness and suggest  
actions.

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# INTERPRETATIONS OF ENERGY MODEL RESULTS

To improve document findings in BEM projects, practitioners can develop a documentation checklist, conduct regular training and workshops, implement version control, and establish feedback loops with stakeholders. These actions can help identify areas where information may be lacking or need corrections.

# Learning Objectives

- Introduction and Course Outline
- Verification and Fixing of Simulation Results
- Analyzing and Comparing Modeling Results
- Economic Analysis
- Sensitivity Analysis
- Exceptional calculation methods
- Document findings correctness and completeness and suggest actions.
- Interpreting Model Results
- Sample Energy Modeling Report
- Summary and Resources
- BEMP Practice Test V.5.1



## INTRODUCTION

- Correctness: Ensures accurate information, preventing misguided decisions and resource wastage. Strategies include verifying data sources, validating modeling assumptions, and implementing peer review.
- Completeness: Provides a holistic view of the project, requiring comprehensive data collection, clear documentation, and stakeholder engagement.
- Improvements: Develop a documentation checklist, conduct regular training, implement version control, and establish feedback loops.
- Regular check-ins can identify areas needing corrections.
- Prioritizing these principles enhances documentation reliability and utility, contributing to better decision-making and better-performing buildings.

# BUILDING ENERGY MODELING (BEM) PROJECT DOCUMENTATION: CORRECTNESS AND COMPLETENESS

## Correctness in Document Findings

- Refers to the accuracy of the information presented in the documentation.
- Inaccuracies can lead to misguided decisions, wasted resources, and compromised building performance.



# STRATEGIES FOR ENSURING CORRECTNESS



- Verification of Data Sources: All data used in the BEM project should originate from reputable sources.
- Validation of Modeling Assumptions: Ensure that assumptions made during modeling are valid and reflect real-world conditions.
- Peer Review: Implementing a peer review process can significantly enhance correctness.

# COMPLETENESS IN DOCUMENT FINDINGS

- Refers to the extent to which all necessary information is included in the documentation.
- Comprehensive Data Collection: Gather all relevant data points during the BEM project.
- Inclusion of Methodologies: Clearly document the methodologies used in the BEM analysis.
- Stakeholder Involvement: Engage with stakeholders throughout the project to identify their information needs early on.



# SUGGESTED ACTIONS FOR IMPROVING DOCUMENT FINDINGS IN BEM PROJECTS



- Develop a Documentation Checklist: Outline all necessary components of the documentation.
- Regular Training and Workshops: Conduct training sessions on best practices for documentation.
- Implement Version Control: Use version control systems to track changes made to documents.
- Feedback Loops: Establish feedback loops with stakeholders during the documentation process.



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# THANK YOU

