

<b>DOCKETED</b>	
<b>Docket Number:</b>	22-BUSMTG-01
<b>Project Title:</b>	Business Meeting Agendas, Transcripts, Minutes, and Public Comments
<b>TN #:</b>	243461
<b>Document Title:</b>	Presentation - Item 6 Energy Conservation Manual
<b>Description:</b>	PDF of the presentation used for Item 6 Energy Conservation Manual.
<b>Filer:</b>	Haile Bucaneg
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	6/7/2022 11:39:05 AM
<b>Docketed Date:</b>	6/7/2022



# Item 6: Energy Conservation Manual

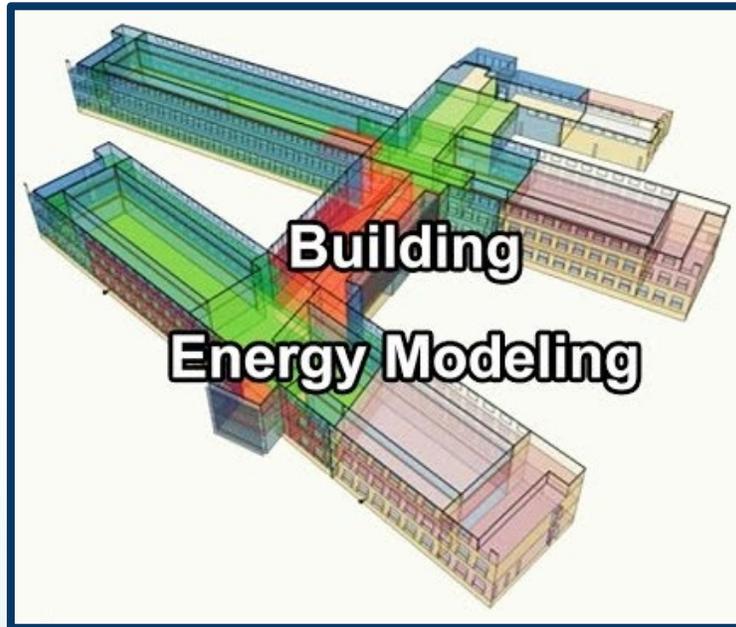
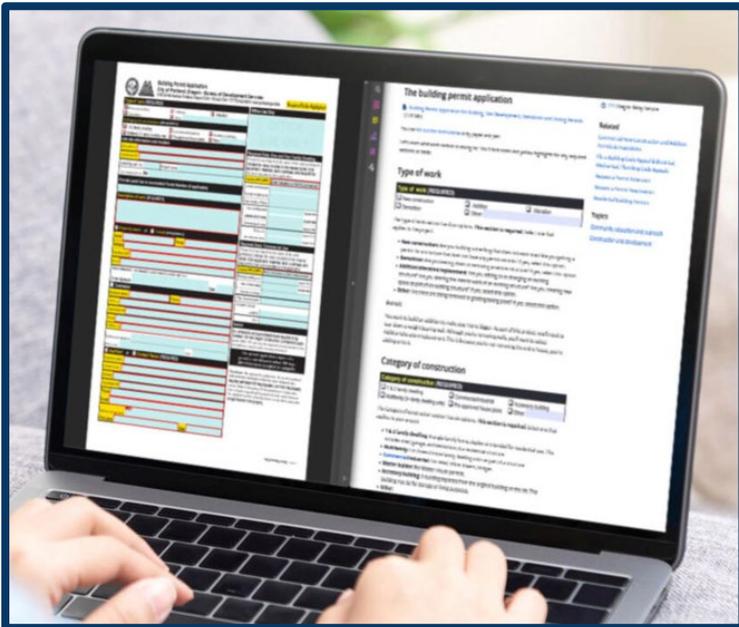
June 8, 2022 Business Meeting

Che Geiser, Supervisor  
Haile Bucaneg, Senior Mechanical Engineer  
Efficiency Division, Building Standards Office



# Benefits to Californians

- Compliance with 2022 Energy Code
- Saves money for California consumers





# Overview

- 2022 Energy Code
  - Adopted by CEC 8/11/21
  - Approved by CBSC 12/16/21
- CEC required to certify no later than 180 days after CBSC approval
  - 1) Compliance Documents
  - 2) Data Registry Requirements Manual
  - 3) Alternative Calculation Method Reference Manuals
  - 4) Compliance Manuals – Certified May 2022





# Compliance Documents

- Used by building industry
- Created low-rise multifamily form set
- Vetted with stakeholders
- Stakeholder input incorporated

**SOLAR REFLECTANCE INDEX CALCULATION WORKSHEET**  
CALIFORNIA ENERGY COMMISSION CEC-CF1R-ENV-04-E  
*SAMPLE FORM – NOT VALID FOR SUBMISSION TO BUILDING DEPARTMENTS*

Project Name:	Enforcement Agency:
Dwelling Address:	Permit Number:
City and Zip Code:	Permit Application Date:

**A. Product Information**

01	Tag/ID	
02	Cool Roof Rating Council (CRRC) Product ID Number	
03	Manufacturer	
04	Brand	
05	Model	
06	Product Type	
07	Roof Pitch	

**B. SRI Calculations**

01	Is Aged Reflectance Listed with Cool Roof Rating Council (CRRC)? (Yes or No)	
02	Cool Roof Rating Council (CRRC) Listed Aged Solar Reflectance	
03	Initial Solar Reflectance	
04	Calculated Aged Solar Reflectance	
05	Thermal Emittance	

**C. Results**

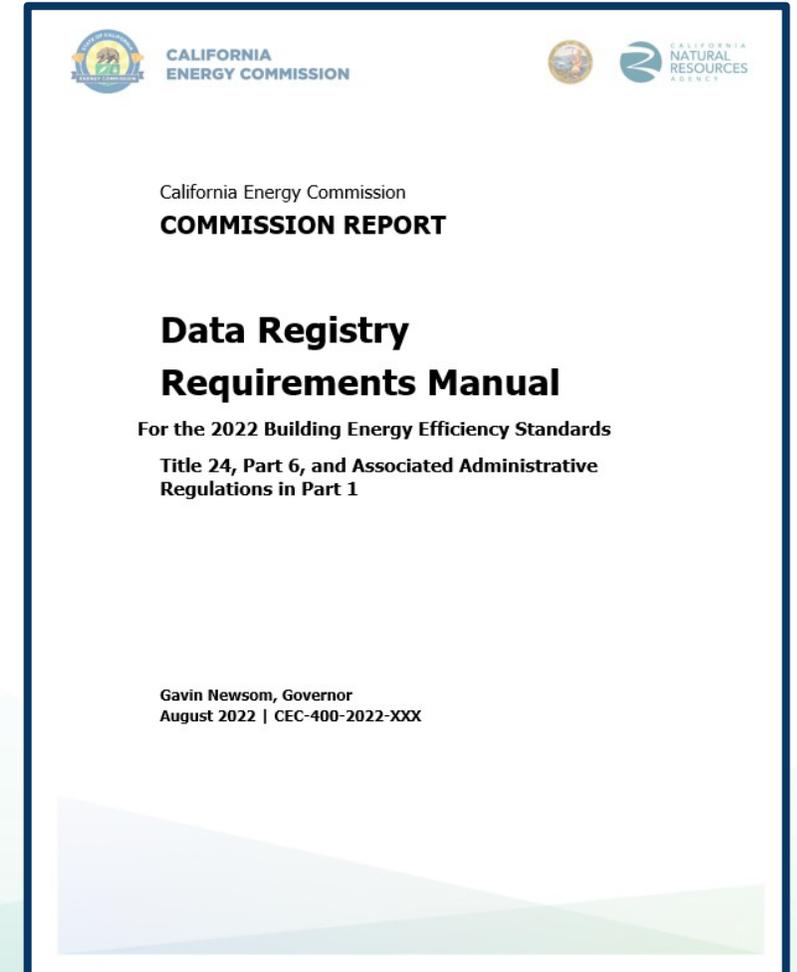
01	Solar Reflectance Index	
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Registration Number: CA Building Energy Efficiency Standards - 2022 Residential Compliance      Registration Date/Time:      HERS Provider: January 2022



# Data Registry Requirements Manual

- Resource for Data Registry Providers
- Collaborated with Data Registry Providers to incorporate comments and improve manual





# Alternative Calculation Method Reference Manuals

- Software rules based on 2022 Energy Code
  - Public domain software
  - Third-party developed software
- Posted for public comment





# Staff Recommendation

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- Certify 2022 Energy Conservation Manual
- Adopt staff's finding that 2022 Compliance Documents, 2022 Data Registry Requirements Manual, and 2022 Alternative Calculation Method Reference Manuals are exempt from CEQA



# Thank You – 2022 Energy Code Team

## Efficiency Division

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