



# ASHRAE Technical Committee 4.1



1791 Tullie Circle, N.E./Atlanta, GA 30329  
**AGENDA**

(Minutes of all Meetings are to be distributed to all persons listed below within 60 days following the meeting.)

TC/TG/MTG/TRG No. \_\_\_\_\_ TC 4.1 \_\_\_\_\_ DATE \_\_\_\_\_ June 24, 2024 \_\_\_\_\_

TC/TG/MTG/TRG TITLE \_\_\_\_\_ Load Calculation Data & Procedures \_\_\_\_\_

DATE OF MEETING \_\_\_\_\_ Monday 06/24/2024 \_\_\_\_\_ LOCATION \_\_\_\_\_ Indianapolis, IN \_\_\_\_\_

**ASHRAE TC 4.1**  
**Load Calculation Data & Procedures**  
**Full Committee Agenda**  
**2024 ASHRAE Annual Conference**  
**Hybrid**  
**In-Person: Indianapolis Marriott, Florida (1)**

1. **Call to order** Rolando Legarreta
2. **Roll call – Determination of a Quorum** Stephen Roth

Rolando Legarreta	06/30/2024	Chris Wilkins	06/30/2025
Stephen Roth	06/30/2026	Suzanne LeViseur	06/30/2026
Som Shrestha	06/30/2024	Brian Rock	06/30/2024
Larry Sun	06/30/2024	Charles Barnaby	06/30/2026

Quorum was determined with \_\_\_\_ present, \_\_\_\_ absent.

3. **Introductions** All
  - a. In Person Sign-In sheet
  - b. Remote: Please announce yourself, and let the secretary know you are attending remotely.
4. **Agenda additions** All



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### 5. Liaison reports (as they arrive)

- a. Section Head
- b. Chapter Technology Transfer
- c. Research
- d. Handbook
- e. Staff, Research/Tech Services
- f. Standards
- g. TAC Chairman

#### Liaisons

Patrick C. Marks  
Christopher Adams  
Dennis Landsberg  
Eric Granzow  
Steven J Hammerling  
Mr Philip J Naughton  
James S Bennett

### 6. Chair's Report

Rolando Legarreta

- a. Announcements from TC Chairs Breakfast Meeting

### 7. Approval of minutes from 2023 Summer Meeting

Rolando Legarreta

- a. Meeting Minutes were posted to Basecamp June 29, 2023.
  - b. Comments or corrections?
  - c. Discussions?
  - d. Motion by \_\_\_\_\_ Second by \_\_\_\_\_ Approved on \_\_\_\_/\_\_\_\_/\_\_\_\_:
- Approved \_\_\_\_-\_\_\_\_-\_\_\_\_-\_\_\_\_-CNV

### 8. Subcommittee reports

- a. Programs Rachel Spitler
- b. Research Ardeshir (Arde) Moftakhari
- c. Handbook Jim Pegues
- d. Standards Glenn Friedman
- e. Web site Jim Pegues
- f. Liasson's Reports

### 9. Old Business

Rolando Legarreta

#### Publications

#### From Jennifer Isenbeck

“On two of the publications, when I last contacted TC 4.1 - there was interest in submitting a new RTAR for funds to update the publication. Has this been submitted or is there a different update?”

Regarding publication 94625 - if I recall correctly, the question was if there was more relevant data currently available or should TC 4.1 endeavor to update this information, especially if utilized in



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other applications/software. A 1996 document does seem old.

Annotated Guide to Load Calculation Models and Algorithms is still available via ASHRAE Bookstore (and I even found it on Amazon). One challenge is that it seems to be co-sponsored by two TCs, but who should take the lead. Perhaps separate correspondence with TC 4.7?"  
As, a reminder - How can your Publications Committee liaison can help your TC?

- Keep your TC current with content published by ASHRAE (books, position documents, white papers, etc.) since the last conference ([see the attached list](#))
- Share opportunities to contribute ([see the attached handout](#))
- Provide authoring tools for publishing with ASHRAE, available at [www.ashrae.org/technical-resources/authoring-tools](http://www.ashrae.org/technical-resources/authoring-tools)
- Share information with Publications Committee or Publications staff regarding publications your TC is currently working on or provide suggestions for potential publications
  - Convey TC members' suggestions top staff for publications, articles, and podcasts in the areas Publications Committee oversees ([see the attached handout](#))

Special Pubs Review List										
Product Code	ASHRAE Special Publication Title	Year Publ	Committee or Project	TC Chair and Vice Chair Email Aliases	Section Head Email Alias	TAC Chair and Vice Chair Email Aliases	Communication Date	To	From	Response
<b>Section 4</b>										
94265	Updating the ASHRAE/ACCA Residential Heating and Cooling Load Calculation Procedures and Data (RP-1199 Source Code and Data) CD	1996	TC 4.1	tc0401@ashrae.net; TC0401.VCH@ashrae.net	SH4@ashrae.net	TACchair@ashrae.net; TACvchair@ashrae.net	2/6/2023	Jennifer Isenbeck	Rolando Legarreta (TC Chair)	Information is referenced in other RPs, and some of the source code is offered on Open Source platforms like Github. TC is looking into determining what is being referenced (see Handbook Chapter and ACCA Manual J). If more relevant material is available, then CD/data should be pulled. See FAQ from TC 4.1.
90664	Load Calculation Applications Manual, 2ed, SI version	2014	TC 4.1; RP-1616	tc0401@ashrae.net; TC0401.VCH@ashrae.net	SH4@ashrae.net	TACchair@ashrae.net; TACvchair@ashrae.net	2/6/2023	Jennifer Isenbeck	Rolando Legarreta (TC Chair), Christopher Wilkins	Committee will draft and RTAR for update
90662	Load Calculation Applications Manual, 2ed, IP version	2014	TC 4.1; RP-1616	tc0401@ashrae.net; TC0401.VCH@ashrae.net	SH4@ashrae.net	TACchair@ashrae.net; TACvchair@ashrae.net	2/6/2023	Jennifer Isenbeck	Rolando Legarreta (TC Chair), Christopher Wilkins	Committee will draft and RTAR for update
90390	Annotated Guide to Load Calculation Models and Algorithms	1996	TC 4.1, 4.7	tc0401@ashrae.net; tc0407@ashrae.net; TC0401.VCH@ashrae.net; tc0407.VCH@ashrae.net	SH4@ashrae.net	TACchair@ashrae.net; TACvchair@ashrae.net				

10. New Business

Rolando Legarreta

11. Adjourn



## ASHRAE Technical Committee 4.1

### Meetings

#### TC 4.1 Load Calculation Data and Procedures

Monday 06/22/2024, 2:15 - 4:15 PM CST

In person: Indianapolis Marriott, **Florida (1) Rm**  
Remote:

#### Microsoft Teams meeting

Meeting ID: 228 316 540 081

Passcode: 98ZqMk

#### TC 4.1 Subcommittee Meetings:

Sunday 6/21/2024, 1:30-4:30 PM CST

In person: Indianapolis, Marriott, Denver (2)  
Remote:

#### Microsoft Teams meeting

Meeting ID: 287 423 156 609

Passcode: aB3Ppp