

AMERICAN SOCIETY OF HEATING, REFRIGERATING  
AND AIR-CONDITIONING ENGINEERS, INC.

United Engineering Center, 345 East 47 Street, New York, N. Y., 10017

MINUTES

CHAPTER: Hampton Roads Chapter MEETING DATE: January 16, 1974

ATTENDANCE: MEMBERS 29; GUESTS 12; COMPILED BY J. H. Watson, Secretary

*DISTRIBUTION: Retain BLUE original for chapter files and mail GREEN copy to your Regional Chairman. Send WHITE copy to Membership Secretary, ASHRAE, New York, together with the YELLOW copy for "Journal" information.*

CHECK LIST OF ITEMS TO BE REPORTED	
1. PRESIDING OFFICER	1. Mr. Ron Jensen, President
2. CALL TO ORDER (Time & Place)	2. 8:00 P.M. - Lake Wright Hotel
3. ROLL CALL	4. Minutes of last meeting were read and approved by J.H. Watson, Secretary.
4. APPROVAL OF MINUTES	5. Gus Catherine, Treasurer, read treasurer's report of \$342.99 in our checking account. Mr. George Doefler, Membership Chairman, introduced guests.
5. REPORTS	7. President Jensen announced the winners of our Energy Conservation Contest and made the awards. Of the nine papers presented in competition, the five winners were;
6. ELECTION Members Officers	5th Place, \$20.00 - Mr. J. G. Gilliken, Professor at Norfolk State College, "40% Reduction in Electrical Demand by Chilled Water Storage."
7. OLD BUSINESS	4th Place, \$20.00 - Mr. E. C. Lingenfelter, Mechanical Engineer at National Aeronautics and Space Administration "Lighting Reduction - Energy Reduction."
8. NEW BUSINESS	3rd Place, \$20.00 - Mr. K. R. K. Sarma, System Analyst with Virginia Chemicals Corp., "Solar Energy for Personal Comfort."
9. SPEAKER (Title) (Bus.) (City) Subject	2nd Place, \$50.00 - Mr. Paul Rogan, Professional Engineer with Automatic Equipment Corp., "Heat Storage System for Office Buildings."
10. DISCUSSION	1st Place, \$125.00 - Mr. Robert C. Basford, National Aeronautics and Space Administration, "Optimizing Building Design for Solar Energy."
11. MOTIONS	
12. RESOLUTIONS	
13. OTHER FEATURES	

Judges Were:

Mr. Wallace H. Frick - Engineer with East Ohio Gas Company and Section Head of ASHRAE Technical Group on Owning and Operating Cost.

Mr. John W. Burkert - President of Delaware Energy and Design Corp. of Newark, Delaware.

AMERICAN SOCIETY OF HEATING, REFRIGERATING  
AND AIR-CONDITIONING ENGINEERS, INC.

United Engineering Center, 345 East 47 Street, New York, N. Y., 10017

MINUTES

CHAPTER: \_\_\_\_\_ MEETING DATE: \_\_\_\_\_

ATTENDANCE: MEMBERS \_\_\_\_\_ ; GUESTS \_\_\_\_\_ ; COMPILED BY \_\_\_\_\_

*DISTRIBUTION: Retain BLUE original for chapter files and mail GREEN copy to your Regional Chairman. Send WHITE copy to Membership Secretary, ASHRAE, New York, together with the YELLOW copy for "Journal" information.*

-2-

<p>CHECK LIST OF ITEMS TO BE REPORTED</p> <ol style="list-style-type: none"><li>1. PRESIDING OFFICER</li><li>2. CALL TO ORDER (Time &amp; Place)</li><li>3. ROLL CALL</li><li>4. APPROVAL OF MINUTES</li><li>5. REPORTS</li><li>6. ELECTION Members Officers</li><li>7. OLD BUSINESS</li><li>8. NEW BUSINESS</li><li>9. SPEAKER (Title) (Bus.) (City) Subject</li><li>10. DISCUSSION</li><li>11. MOTIONS</li><li>12. RESOLUTIONS</li><li>13. OTHER FEATURES</li></ol>	<p>Mr. Carl J. Opatrny - Mechanical Engineer with Byer, Urban, Klug and Pillenger of Cleveland, Ohio.</p> <p>9. A Panel Discussion was held on the topic "How, Why and When More Efficient Structures will be Designed, Financed and Constructed." The moderator for this discussion was Vice President Jim Griffin and Members were:</p> <p>Mr. Don Dreelin - Terry Corporation Mr. Jim Walters - Virginia National Bank, Mortgage Dept. Mr. James Pucher - Williams and Taswell and Assoc. Mr. Warren Redford - Naval Facilities Engineering Command</p> <p>In their opening statements the panel made the following points:</p> <p>Mr. Pucher said the reason for waste is that we, as a nation, never had to care before; but now, that everyone is concerned, he is sure that good architectural and engineering solutions will evolve.</p> <p>Mr. Dreelin said that he, as a contractor and developer, could not buy more energy saving devices because lending institutions would not increase mortgage amount. This is because mortgage amounts are established by capitalization and \$/SF construction cost of projects. He predicted energy cost to double every four years.</p> <p>Mr. Walters said that banks look at the same criterion that other lending institutions look at and utilities costs are generally not among this criteria. Historical statistics still govern rather than detailed capitalization. He indicated that government would probably have to step in with laws or incentives.</p> <p>Mr. Redford brought out the fact that The Navy was working in many areas locally to conserve energy in its structures. Some of these are geothermal usage, solar usage, double glazing and application of insulation to outside of buildings.</p> <p>As the discussion went on, again and again, it was brought out that lending institutions pay more attention to the developer's Past record and historical statistics rather than on analysis of the total economics of a particular project. It was generally agreed that the Federal Government</p>
---	--

(PLEASE COMPLETE SPEAKER RATING CHART ON REVERSE OF THE WHITE COPY)

AMERICAN SOCIETY OF HEATING, REFRIGERATING  
AND AIR-CONDITIONING ENGINEERS, INC.

United Engineering Center, 345 East 47 Street, New York, N. Y., 10017

MINUTES

CHAPTER: \_\_\_\_\_ MEETING DATE: \_\_\_\_\_

ATTENDANCE: MEMBERS \_\_\_\_\_ ; GUESTS \_\_\_\_\_ ; COMPILED BY \_\_\_\_\_

*DISTRIBUTION: Retain BLUE original for chapter files and mail GREEN copy to your Regional Chairman. Send WHITE copy to Membership Secretary, ASHRAE, New York, together with the YELLOW copy for "Journal" information.*

-3-

CHECK LIST OF ITEMS TO BE REPORTED	
1. PRESIDING OFFICER	would soon require energy conservation on the buildings for which they furnished funds or a portion of funds and this stimulus, plus the rising cost for utilities, would get the entire industry moving towards more energy conservation in structures.
2. CALL TO ORDER (Time & Place)	13. "A most enjoyable evening" was the general consensus of the members. It would be appreciated if some publicity could be given this meeting. Therefore, the two photographs showing the panel members and contest winners are enclosed.
3. ROLL CALL	
4. APPROVAL OF MINUTES	
5. REPORTS	
6. ELECTION Members Officers	
7. OLD BUSINESS	
8. NEW BUSINESS	
9. SPEAKER (Title) (Bus.) (City) Subject	
10. DISCUSSION	
11. MOTIONS	
12. RESOLUTIONS	
13. OTHER FEATURES	