ASHRAE CHAPTER INFORMATION QUESTIONNAIRE

Complete and mail to Headquarters, ASHRAE, 1791 Tullie Circle, N.E., Atlanta, Georgia, 30329, Telephone: (404) 636-8400, with a copy to your Regional Chairman. Addresses should be the same as used for other Society mailings, including your Journal, Handbook and miscellaneous mailings. Please notify Headquarters and Regional Chairman promptly of questionnaire changes.

CHAPTER OFFICERS must not use nicknames; must include area code when listing phone numbers and must list member number (#). CHAPTER OFFICERS MUST BE MEMBERS OF SOCIETY IN GOOD STANDING WITH THE GRADE OF ASSOCIATE MEMBER OR HIGHER.

<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>LONDON CANADA</th>
<th>CHARTER #</th>
<th>REGION</th>
<th>2</th>
<th>SOCIETY YEAR</th>
<th>93-94</th>
</tr>
</thead>
</table>

**PRESIDENT**

Name Peter Ziefert #2048527  
Address 1975 Wellington Rd S  
London, ON N6E 1M1  
Business # (519) 680-4514  
FAX # 519-680-4555

**SECRETARY**

Name Grant Hilliard #2014750  
Address 594 New Rd St  
London, ON N6E 3W9  
Business # (519) 681-1221  
FAX # 681-9382

**PRESIDENT-ELECT**

Name Kirk Flowers #2015719  
Address 99 Chiplent Crescent  
London, ON N6K 3C5  
Business # (519) 680-4514  
FAX # 519-680-4555

**TREASURER**

Name Brenda Stonehouse #5017562  
Address 93 Dufferin Ave  
London, ON N6A 1R3  
Business # (519) 672-8511  
FAX # 672-5906

**VICE PRESIDENT**

Name  
Address  
Business # (____)  
FAX #

**CHAPTER BOARD OF GOVERNORS**

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
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<th>Name</th>
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</tbody>
</table>

**OTHER (Title)**

Name  
Address  
Business # (____)  
FAX #

114 - APPENDIX J
CRC DELEGATE
Name: Glenn Glenariv
Address: 531 Colborne St.
LONDON, ON N6G 8T6
Business # (519): 679-8666
FAX: 679-8145

MEMBERSHIP PROMOTION COMMITTEE
Chairman
Name: Michael Cubesch
Address: 521 Colborne St.
LONDON, ON N6G 9T6
Business # (519): 679-8600
FAX: 679-8145

EDUCATIONAL ACTIVITIES COMMITTEE
Chairman
Name: Brad Demeau
Address: 3236 Colonel Talbot Rd.
LAMBETH, ON N6L 1S0
Business # (519): 652-5047
FAX: 652-5058

PROGRAM COMMITTEE
Chairman
Name: Kirk Flowers
Address: 49 Chalet Crescent
LONDON, ON N6K 3C5
Business # (519): 457-1010
FAX: 457-4998

HISTORIAN
Name: Bert Fenner
Address: 15 Field Road
LAMBETH, ON N6L 1S3
Business # (519): 652-3631
FAX: 652-3631

REFRIGERATION CHAIRMAN
Name: Bill Quinlan
Address: 143 York St., Suite 302
LONDON, ON N6A 1A9
Business # (519): 679-2560
FAX: 679-2523

CRC ALTERNATE
Name: Peter Ziembart
Address: 1735 Wellington Rd. S.
LONDON, ON N6H 2H1
Business # (519): 680-4254
FAX: 680-4285

RESEARCH PROMOTION COMMITTEE
Chairman
Name: Darryl Boyce
Address: 1111 Richmond St.
SENIOR BLDG. RM 2
LONDON, ON N6A 5B9
Business # (519): 661-3282
FAX: 661-3381

ENERGY & TECHNICAL ACTIVITIES
Committee Chairman
Name: Dan Sahai
Address: 122 Richmond St.
SENIOR BLDG. RM 2
LONDON, ON N6A 5B9
Business # (519): 661-3382
FAX: 661-3381

GOVERNMENT AFFAIRS COMMITTEE
Chairman
Name: Grant Miller
Address: 30 Nathaniel Court
LONDON, ON N6J 2N6
Business # (519): 457-1676
FAX: 457-1676

NEWSLETTER EDITOR
Name: Neil Coureya
Address: HUAQATECH
265 Berkeley Cres.
LONDON, ON N6H 4T7
Business # (519): 652-4282
FAX: 652-4282

OTHER (Title) RECENT
Name: Chris McEwen
Address: 574 Newgold St.
LONDON, ON N6A 3M9
Business # (519): 652-1221
FAX: 652-9323

MEETING DATES FOR THE UPCOMING SOCIETY FISCAL YEAR
July —
August 24, 1993
September 24, 1993

Regular Meeting Location: Highland Golf and Country Club
ONTARIO HYDRO
1075 Wellington Road S.
London, Ontario
N6E 1M1

FROM:
Peter Ziebart
London CES Field Office
Telephone # -- (519) 680-4514
Toll Free -- 1-800-265-9678 Ext.4514
Fax # -- (519) 680-4555

DATE
June 24, 1993

TO
Name
Owen Glendon
Office/Fax #
672-2145

NUMBER OF
PAGES
2
(Including cover sheet)

INSTRUCTIONS/COMMENTS
PAOE Points.  Technical Sessions  3 X 25 = 75
Rated Presentations  20 X 6 = 120
Topics by Dec 1/92.  100
Future topics  5 X 10 = 50
TOTAL  345.

THIS IS THE ONLY COPY YOU WILL RECEIVE
ASHRAE PROGRAM COMMITTEE

1992/1993 REPORT

Submitted by:

Peter Ziebart
Chairman, Program Committee

This year the program committee drew on the support of the other Chair committees to strengthen the technical aspect of our program. This along with other topics that were geared towards a wider audience brought our attendance to a recent high. We had eight regular meetings and three Technical sessions.

Program Summary

September: "The Application of the Law of Tendering". This topic was presented by James A. Leber from Lerner & Associates.

October: "Refrigerant Reclaiming and Recycling". This topic was presented by a panel of three speakers, Mike Premovic from Carrier Canada, Norm Clark - Trane Canada, and Trevor Frith - York International. Each gave their view on the issues and how to solve them.

November: Companion Night - A Night at the Western Fair Raceway.

January: "Solar Powered Vehicle". This was presented in part by Dr. John D. Tarasuk and the student team leaders on the project. We also registered this as an Education night.

February: TEGA night with topics on Co-Generation and Energy Management Project for the City of Kingston. Dr. Earnest Ray Corneil gave the talk. This was also a Membership night.

March: ASHRAE Sponsored Research talk on Project 663-RP Stack Effects in Tall Buildings. This was presented by John Lovatt from Morrison Hershfield Limited who were awarded the research project.

April: Tour night of One London Place. This project featured various AAA standards in air quality as well as energy efficiency such as a thermal ice storage system.

May: "Stress Management". This topic was presented to us by Dr. Rose Marie Jaco from King’s College of the University of Western Ontario.
16 June 1993

TO: Brenda Stonehouse  
    Michael Gubesch  
    Dan Shah  
    Chris McEwen  
    Bill Ovington  
    Bert Fenner  
    Darryl Boyce  
    Peter Ziebart

The end of our ASHRAE year is near. Your contribution has been valuable and I thank you for your involvement. In order to be rewarded for your efforts, we must prepare short reports for CRC. Please prepare a short report and send it to me by the end of June. I have enclosed sample reports from 1991-92 year. Also, please send me your total P.A.O.E. points, at the same time.

See you in September!

[Signature]

ORG: mer
TO

Robert Sunshine

Multi-Brand Corporation

Dan Shinn

Lawrence H. Stovall

Bill O'Keefe

Profit Shares

Daniel Nocker

Hiram Mirfin

The end of our A.T. Division experience was described in our companion letter, but I think your point here and your points of view are strongly significant and important. I believe that the只有the

To know what we should think when it comes to the subject of A.T. Division, I have been led to think of the same

These few lines are to bring you the following information regarding the subject of A.T. Division.

They are best described in the following:

From your experience, what would you say in the subject of A.T. Division?

In absentia.

On October 1st.
ASHRAE PROGRAM COMMITTEE

1991/92 REPORT

Submitted by:

Mr. Owen Glendon
Chairman, Program Committee

The program selected for the Chapter stressed fringe interests to appeal to all members. Technical sessions preceded three meetings. I feel that the strength of the program was a contributor to increased meeting attendance this year.

Program Summary


October: "Specifications and the Bidding Process". An open forum with panel representation by a local contractor, consultant and supplier.

November: Spouses Night "Dinner and Magician".

January: "Noise and Vibration". Presented by Dr. Don Allen, Fibron Limited.


April: SkyDome Mechanical Systems Tour".

May: "Past Presidents' Night". Historical review by three founding past Presidents.
AEFRIE PROGRAM COMMITTEE

1991-92 REPORT

Chairperson
M. Dewar Glading
Communication Program Committee

The program objectives for the Communication Program during the year were strongly focused on improving the overall educational environment at the AE.

Program Summary

- "Survey of Student Study of the UG of Language" - Conducted by T.J.
  Manager, Department of Communication Engineering, University of M.I.

- "Understanding and the Budget" - A new conference paper presented
  by Professor A. Johnson

- "Designing a Model of Computer Communication" - Presented by Dr.
  B. Miller

- "Innovations in Computer Networks in Communication" - Presented by
  Professor C. Williams

- "Integration of New Technologies in Communication" - Presented by
  Dr. D. Smith

- "Latest Technologies in Communication" - Presented by Dr. E. Brown

- "Future Technologies in Communication" - Presented by Dr. F. Green

- "Information Technology in Communication" - Presented by Dr. G. White
1992-93 PAOE
AWARD INFORMATION

Regular (Red Emblem) Chapters that earn the PAOE for the current year must meet minimum requirements in eight out of nine categories, with a minimum of 2,900 total points.

Star Award Chapters earning the PAOE and reaching par in all categories.

Special Citation Chapters earning the PAOE and obtaining 4,400 or more total points.

Honor Roll (Silver Emblem) Chapters which have earned the PAOE for at least four consecutive years.

High Honor Roll (Blue Emblem) Chapters which have earned the Star Award for at least four consecutive years.

Premier (Gold Emblem) Chapters which have earned the PAOE every year since the award was originated, or every year since the Chapter’s inception (after 1970), with a minimum of four years; except that a chapter shall remain eligible for the Premier award if the PAOE is not achieved during their first year.

REPORTING PROCEDURES

The PAOE report will be distributed to Chapter Presidents, Chapter Secretaries, the Society Membership Promotion, Research Promotion, Educational Activities, Technical Energy & Government Activities, and Refrigeration Committees and the Board of Directors on the following schedule:

- November - Reflecting October 31 results
- January - Reflecting December 31 results
- March - Reflecting February 28 results
- April - Reflecting March 31 results
- May - Reflecting April 30 results
- June - Reflecting May 31 results
- July - FINAL REPORT

The following individuals are responsible for submitting figures to Carolyn Kettering, Director of Member Services, at ASHRAE Headquarters in Atlanta, with copies to your Regional Chair, by the following dates:

October 31, December 31, February 28, March 31, April 30, May 31 and June 30. Note: Final figures must be received at ASHRAE Headquarters no later than June 30, 1993. No reports, data, minutes, memos etc. will be accepted after this date.

- Membership Promotion - These figures will be compiled by HEADQUARTERS. Bonus points will be reported through the Vice Chair, Membership Promotion.
- Chapter History - Historical information to be reported by the Regional Historian.
- Chapter Meeting Attendance - Each chapter must submit to Headquarters copies of its monthly chapter meeting minutes reflecting the number attending each chapter meeting. All meetings providing opportunity for technical enrichment are included.
- CRC Attendance - REGIONAL CHAIR must advise Headquarters of these figures immediately after their CRCs have been held.
- Research Promotion - Figures will be compiled by HEADQUARTERS.
- Educational Activities - REGIONAL VICE CHAIR must supply Headquarters with these figures for their respective Chapters.
- Technical, Energy & Government Activities/Chapter Program Activities - TEGA REGIONAL VICE CHAIR must supply Headquarters with these figures for their respective Chapters. The TEGA REGIONAL VICE CHAIR will use two reporting forms: (1) Technical Energy & Government Activities; (2) Chapter Program Activities. Lists of future planned programs should be submitted from the chapter to the TEGA REGIONAL VICE CHAIR prior to December 1.

FOLLOW-UP FOR INFORMATION WILL BE MADE THROUGH YOUR REGIONAL CHAIR ONLY.
1992 - 93 PAOE CRITERIA

MEMBERSHIP PROMOTION

PAR = 400 Points
MAXIMUM = No Limit
MINIMUM = 200 Points

Membership growth will be based on the net membership increase from July 1, 1992 to June 30, 1993. The President's goal will be 3% net membership growth, with a maximum delinquency rate of 6%. New member growth is based on completed, paid memberships processed by the July 1, 1993 elections. (Note: All applications must be at Headquarters by May 15, 1993 to be processed for the July election deadline.) Transfers in, transfers out, and deceased members will not count for or against growth. Unpaid members consisting of delinquents and resignations will count against growth. Advancements will continue to be a part of the PAOE this year. The President's goal for advancement is 3%.

The Membership Promotion formula rewards new member growth separate from the retention of members.

\[ P_m = 100 \left( \frac{M_n}{0.03M_s} \right) + 100 \left( \frac{A}{0.03M_s} \right) \]

Where:
- \( M_n \) = New members as approved by the Admissions and Advancement Committee prior to June 30, 1993.
- \( M_s \) = Area assigned member
- \( A \) = Advancements

Bonus:

<table>
<thead>
<tr>
<th>Bonus Description</th>
<th>Points</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) If membership is held constant or increases</td>
<td>100 pts.</td>
<td></td>
</tr>
<tr>
<td>b) For having a special Membership Promotion Chapter Night:</td>
<td>50 pts. ea.</td>
<td>100 pts.</td>
</tr>
<tr>
<td>c) Each Chapter &quot;dues&quot; paying member who is also a member of a Society Council or Committee.</td>
<td>25 pts. ea.</td>
<td>100 pts.</td>
</tr>
<tr>
<td>d) For achieving each 1% reduction in delinquency rate below 6%.</td>
<td>40 pts. ea.</td>
<td>240 pts.</td>
</tr>
<tr>
<td>e) For each upgrade from Student Member to Associate, Affiliate or Member Grade within one year of graduation</td>
<td>25 pts.</td>
<td></td>
</tr>
</tbody>
</table>

CHAPTER HISTORY

PAR = 200
MAXIMUM = See each activity
MINIMUM = 150 points

In 1994, the Society will be celebrating its Centennial. This year’s PAOE emphasizes the importance of ASHRAE’s history at both the Society and chapter levels. Points are being awarded for establishing and maintaining a chapter history.
**ACTIVITY**

Historian

**POINTS DETERMINATION**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receipt of Society Gold Ribbon Award&lt;sup&gt;1&lt;/sup&gt;</td>
<td>100 pts.</td>
<td></td>
</tr>
<tr>
<td>List of Society or Regional Award Winners in chapter for current year submitted</td>
<td>25 pts.</td>
<td></td>
</tr>
<tr>
<td>Chapter archives indexed and location known</td>
<td>25 pts.</td>
<td></td>
</tr>
<tr>
<td>Leadership recall interview&lt;sup&gt;2&lt;/sup&gt;</td>
<td>50 pts.</td>
<td></td>
</tr>
<tr>
<td>Conduct historical program</td>
<td>50 pts.</td>
<td></td>
</tr>
<tr>
<td>Publish article of local or national nature</td>
<td>50 pts.</td>
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</tbody>
</table>

**CHAPTER MEETING ATTENDANCE**

**PAR** = 400 Points
**MAXIMUM** = No Limit
**MINIMUM** = 200 Points

Attendance figures will be based on all Chapter meetings having opportunity for technical enhancement, including remote Section meetings, multiple Chapter meetings in one month, joint meetings with allied technical societies, seminars and expositions. Attendance figures must be reported in official chapter minutes. No social events will count. The Society goal is to have approximately 10,000 monthly attendees at Chapter meetings.

The formula for Meeting Attendance is as follows:

\[ P_a = 400 \sqrt{\frac{A}{0.12M_a + 18}} \]

Where: \( A \) = Average Regular Chapter Attendance
\( M_a \) = Assigned Members

**Bonus:**

a) For having regularly scheduled chapter summer meetings (July, August, September)

\[ 50 \text{ pts. ea.} \]

b) For having joint meetings with RSES, RETA, IIAAR, BOMA, AIA, SPE, MCA, SMACNA, ASPE, SWE, IES, or other:

\[ 25 \text{ pts. ea.} \]

\[ 100 \text{ pts. ea.} \]

\[ 50 \text{ pts. ea.} \]

c) For establishing a new chapter section

d) For maintaining an existing chapter section

*Joint meetings of ASHRAE chapters do not apply

<sup>1</sup> Society Gold Ribbon is awarded the first time for writing the original history of the chapter. Each year thereafter, the ribbon is awarded for writing the history of a person, company or event that is significant to the chapter’s history.

<sup>2</sup> Chapter Historian interviews a prominent member, i.e., a past chapter or Society officer and/or award winner.
CRC ATTENDANCE

PAR = 400 Points
MAXIMUM = No Limit
MINIMUM = 200 Points

The goal is for each chapter to be represented at the CRC by the Delegate and Alternate in attendance at all Caucus and Business Sessions; the incoming Chapter Committee Chairs at the workshops for Educational Activities, Technical Energy & Government Activities, Membership Promotion, Refrigeration and Research Promotion; plus attendance by as many chapter members as possible. A person may attend several sessions, but will be given points for only one. To receive credit for attendance at any business session, workshop, caucus, etc., you must be present for the full duration of the function.

The point scores for CRC Attendance are:

<table>
<thead>
<tr>
<th>Category</th>
<th>Points</th>
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<tbody>
<tr>
<td>Delegate and Alternate</td>
<td>50 pts, ea,</td>
</tr>
<tr>
<td>Chapter Committee Chairs¹</td>
<td>100 pts, ea,</td>
</tr>
<tr>
<td>Other Chapter Officers or Board Members</td>
<td>40 pts, ea,</td>
</tr>
<tr>
<td>All other Chapter Members (except Host Chapter)</td>
<td>35 pts, ea,</td>
</tr>
<tr>
<td>If a Delegate or Alternate misses a caucus or</td>
<td>&lt;100&gt;</td>
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<tr>
<td>business session</td>
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</tbody>
</table>

Bonus:

a) Chapters with less than 150 Area-Assigned Members (M) multiply points from table above by the formula shown below in order to obtain points.

\[ \sqrt{\frac{150}{M}} \]

b) For each host Chapter:

PAR = 200 pts.

RESEARCH PROMOTION

PAR = 400 Points
MAXIMUM = No Limit
MINIMUM = 200 Points

The importance of research contributions to the Society's development of technology is emphasized. The chapter norm for 1992-93 will be $40 per area-assigned member. Bonus points are awarded for special Research Promotion Chapter nights, conducted in accordance with Society criteria, in recognition of their importance in communicating the value of ASHRAE research to the membership. Additional bonus points are awarded for chapters that obtain a "high five," where total contributions exceed the maximum one-year total of the prior five years.

The formula for Research Promotion PAPOE points is as follows:

\[ P_r = 10 \frac{C_1}{M} + Bonus_1 + Bonus_2 \]

Where:  
\( C_1 = \) Total dollars contributed
\( M = \) Area-Assigned Members

Bonus:

1. Holding chapter meeting focusing on ASHRAE research  
   Points: 25 pts.  
   Maximum: 50 pts.

2. Achieving a high five by May 31 (more dollars for research than any prior year in last five)  
   Points: 75 pts.  
   Maximum: 75 pts.

¹ Committee Chair is defined as any Chair of Membership Promotion, Educational Activities, Technical Energy and Government Activities, Refrigeration, Research Promotion.
# EDUCATIONAL ACTIVITIES

**PAR** = 400 Points  
**MAXIMUM** = See each activity  
**MINIMUM** = 200 Points

The Society goal is to emphasize the commitment to serve its members through programs of continuing education and to nurture the development of students to serve our industry.

The point scores for Educational Activities are as follows:

## Points Determination

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>POINTS</th>
<th>MAXIMUM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Student Member Growth (SMG)</strong></td>
<td></td>
<td><strong>Formula:</strong> 50$\sqrt{SMG}$</td>
</tr>
<tr>
<td>Student Branch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) Each existing branch</td>
<td>50</td>
<td></td>
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<tr>
<td>b) Each new branch</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>c) Each $200 investment$¹</td>
<td>25</td>
<td>100 per branch</td>
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<tr>
<td>d) Chapter Member's participation in 3 or more branch events²</td>
<td>50</td>
<td>150</td>
</tr>
<tr>
<td>e) Student Branch Operations Workshop at CRC³</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Student Faculty Liaison</td>
<td>Each active liaison</td>
<td>25</td>
</tr>
<tr>
<td>Student Awards</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) Each competition held</td>
<td>25</td>
<td>50</td>
</tr>
<tr>
<td>b) Each submission to Society competition</td>
<td>25</td>
<td>50</td>
</tr>
<tr>
<td>Career Guidance (post secondary)⁴</td>
<td></td>
<td></td>
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<tr>
<td>a) Each contact⁵</td>
<td>25</td>
<td>200</td>
</tr>
<tr>
<td>b) Teach-ins per class⁶</td>
<td>50</td>
<td>100</td>
</tr>
<tr>
<td>c) Engineers for a Day Program or Tours⁷</td>
<td>25</td>
<td>100</td>
</tr>
<tr>
<td>K-12 Program</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) Each contact</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>b) Teach-ins per class⁸</td>
<td>25</td>
<td></td>
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</tbody>
</table>

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¹ For educational material based on actual cash expenditures by chapter.  
² Each chapter member other than faculty liaisons who participate in three or more student branch events.  
³ This benefits local students and points are given to local host chapter  
⁴ Higher education after high school  
⁵ This is intended to be a one-on-one contact. In the event that a presentation is made to a group, a maximum of 30 points per group is allowed.  
⁶ Engineers speak to classes about engineering technology.  
⁷ Students tour industrial facilities and engineering firms or work side-by-side with engineers.  
⁸ Math, science and engineering—this can include "Math Counts."
<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>POINTS DETERMINATION</th>
<th>POINTS</th>
<th>MAXIMUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarships</td>
<td>a) Student Scholarships Awards</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Conferral (see formula) *</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>b) Society Scholarship Award</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Contribution (See formula) *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student Night</td>
<td>Each chapter student night</td>
<td>25</td>
<td>50</td>
</tr>
<tr>
<td>National Engineers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Week Participation</td>
<td>a) Radio/TV public service</td>
<td>25</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>announcements</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) Proclamation (city, county, state)</td>
<td>10</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>c) Newspaper advertisements/articles</td>
<td>10</td>
<td>50</td>
</tr>
</tbody>
</table>

\[
P_s = 50 \sqrt{\frac{D}{200}} + N
\]

Where:

- \(D\) = Total dollars of all scholarships
- \(N\) = The number of scholarships given

\[
P_{ssa} = \left(\frac{C_1}{10}\right)
\]

Where:

- \(P_{ssa}\) = Points for Society Scholarship Award
- \(C_1\) = Total dollars contributed

(The contributions to the Society Scholarship Award will receive 10 points per $100 contributed.)
TECHNICAL, ENERGY & GOVERNMENT ACTIVITIES /
CHAPTER PROGRAM ACTIVITIES

(This section is divided into two parts: (1) Technical, Energy & Government Activities, and (2) Chapter Program Activities. Each part has its own point system. The Technical, Energy & Government Activities Regional Vice Chairs will be reporting points for both parts.)

1. TECHNICAL, ENERGY & GOVERNMENT ACTIVITIES COMMITTEE

PAR = 300 points
MAXIMUM = See each activity
MINIMUM = 150 Points

ASHRAE's social responsibility is emphasized by promoting energy efficient designs through the Technology Awards program, participating in the Government Affairs Awards Program and encouraging outreach to government, business and professional groups. All governmental appointments as a technical resource in ASHRAE's field will be recognized, as will technical presentations to outside groups, expert testimony and liaison with government officials.

Participation by members in advancing ASHRAE technology and improving the quality of technical publications is emphasized. Recognition is given both for publishing peer-reviewed technical articles and for contributions to the peer-review process.

The point scores for these technical support activities are:

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>POINTS DETERMINATION</th>
<th>POINTS</th>
<th>MAXIMUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology Awards</td>
<td>a) Each technology category with an entry into chapter competition</td>
<td>50</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td>b) Each chapter entry into regional competition</td>
<td>50</td>
<td>250</td>
</tr>
<tr>
<td></td>
<td>c) Regional Award 1st Place</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>d) Society Award</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Society Award 1st Place</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>2nd Place</td>
<td>70</td>
<td>70</td>
</tr>
<tr>
<td></td>
<td>3rd Place</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>e) ASHRAE Award of Engineering Excellence</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>Government Affairs Awards</td>
<td>a) Each chapter entry into regional competition</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>b) Regional Award - 1st Place</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>c) Society Award</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Society Award 1st Place</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>2nd Place</td>
<td>70</td>
<td>70</td>
</tr>
<tr>
<td></td>
<td>3rd Place</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>
### Activity:

**Chapter Outreach Activities**

<table>
<thead>
<tr>
<th>POINTS DETERMINATION</th>
<th>POINTS</th>
<th>MAXIMUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Each presentation on HVAC technology to a professional or business group</td>
<td>50</td>
<td>150</td>
</tr>
<tr>
<td>b) Each expert testimony or prepared statement to a legislative group</td>
<td>50</td>
<td>200</td>
</tr>
<tr>
<td>c) Each appointment to a government advisory board, council or committee</td>
<td>25</td>
<td>200</td>
</tr>
<tr>
<td>d) Each liaison with a state, provincial or local government official</td>
<td>25</td>
<td>200</td>
</tr>
</tbody>
</table>

### 2. Chapter Program Activities

**PAR** = 300 points  
**MAXIMUM** = See each activity  
**MINIMUM** = 150 points

Chapter programs are emphasized because they are a primary means for technology transfer to the membership. Quality programs of relevant technical interest, planned and publicized in advance, attract members to chapter meetings and strengthen ASHRAE's image in the community.

Recognition is given to chapters who assess program quality on an ongoing basis, based on feedback from attendees. Recognition is also given for advanced planning of programs and the use of Society-prepared programs.

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>POINTS DETERMINATION</th>
<th>POINTS</th>
<th>MAXIMUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Content</td>
<td>a. Each hour of a chapter technical session</td>
<td>25</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>b. Each three-hour Technical Seminar (other than Refrigeration)</td>
<td>100</td>
<td>300</td>
</tr>
<tr>
<td></td>
<td>c. Each use of a Society-prepared program at a chapter meeting</td>
<td>25</td>
<td>100</td>
</tr>
<tr>
<td>Quality</td>
<td>a. Each rated presentation</td>
<td>20</td>
<td>300</td>
</tr>
<tr>
<td>Planning</td>
<td>a. All topics for future meetings identified and communicated to members</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>b. Future speakers identified; each speaker</td>
<td>10</td>
<td>200</td>
</tr>
</tbody>
</table>

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1. Professional or business groups are defined as ten (10) or more individuals.
2. Chapter liaison is defined as an individual assigned to represent chapter as liaison to a specific group during the year.
3. Full technical session
4. Applies to both Technical Sessions and main programs. A rated presentation is defined as one for which written feedback is obtained from at least 10% of the attendees. The written feedback must be submitted to the TEG Regional Vice Chair.
5. Applies to both Technical Sessions and main programs for chapter monthly meetings. Program planning must cover the monthly meeting period from September 1, 1992, through August 31, 1993. The planning for the 12-month period must be completed and submitted by December 1, 1992.
REFRIGERATION

PAR = 300 points
MAXIMUM = See each activity
MINIMUM = 150 points

One of ASHRAE's goals is to emphasize refrigeration as a fundamental technology of our Society. This PAOE category is intended to encourage chapter activities in education, technology advancement and outreach to outside organizations on refrigeration-related subjects. To qualify for credit in this category, an activity must address refrigeration fundamentals, equipment or systems. Refrigeration applications (except those related to human comfort) also qualify for credit.

The point scores for Refrigeration activities are as follows:

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>POINTS DETERMINATION</th>
<th>POINTS</th>
<th>MAXIMUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter Technical Session</td>
<td>Each Refrigeration subject session hour ¹</td>
<td>50</td>
<td>200</td>
</tr>
<tr>
<td>Chapter Programs</td>
<td>a) Each program featuring Refrigeration technology</td>
<td>100</td>
<td>400</td>
</tr>
<tr>
<td></td>
<td>b) Each Refrigeration program for a student branch</td>
<td>50</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>c) Each joint meeting with another refrigeration society</td>
<td>50</td>
<td>150</td>
</tr>
<tr>
<td>Chapter Refrigeration Seminars</td>
<td>Each 3 hour session ²</td>
<td>100</td>
<td>300</td>
</tr>
<tr>
<td>Member (Refrigeration)</td>
<td>Each new member with prime interest in refrigeration</td>
<td>10</td>
<td>100</td>
</tr>
<tr>
<td>TC/TG (Refrigeration)</td>
<td>Each member recruited for a Refrigeration Technical Committee or Task Group ³</td>
<td>50</td>
<td>150</td>
</tr>
<tr>
<td>Presentations to Outside Organizations</td>
<td>Each refrigeration-related presentation</td>
<td>50</td>
<td>150</td>
</tr>
</tbody>
</table>

¹ Technical session prior to and in conjunction with chapter meeting. Credit is in addition to that given in the Technical, Energy and Government Activities area.
² (Minimum 3 Hrs.) This credit is in addition to the credit given in the Technical, Energy & Government Activities area.
³ Biography submitted and accepted by TC/TG
# AREA ASSIGNED MEMBERS
## 1992-93 PAOE

### REGION I

<table>
<thead>
<tr>
<th>Chapter Name</th>
<th>Members</th>
<th>Students</th>
</tr>
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<tbody>
<tr>
<td>Boston</td>
<td>760</td>
<td>58</td>
</tr>
<tr>
<td>Rhode Island</td>
<td>133</td>
<td>2</td>
</tr>
<tr>
<td>Connecticut</td>
<td>550</td>
<td>37</td>
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<tr>
<td>Long Island</td>
<td>288</td>
<td>14</td>
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<tr>
<td>North Jersey</td>
<td>878</td>
<td>61</td>
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<tr>
<td>New York</td>
<td>826</td>
<td>166</td>
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<tr>
<td>Northeast</td>
<td>269</td>
<td>17</td>
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<tr>
<td>Central New York</td>
<td>369</td>
<td>20</td>
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<td>Rochester</td>
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<tr>
<td>Niagara Frontier</td>
<td>228</td>
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<tr>
<td>Champlain Valley</td>
<td>115</td>
<td>16</td>
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<tr>
<td>Maine</td>
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<td>Twin Tiers</td>
<td>126</td>
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<tr>
<td>Bi-State</td>
<td>227</td>
<td>5</td>
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<tr>
<td>Granite State</td>
<td>147</td>
<td>43</td>
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</table>

### REGION II

<table>
<thead>
<tr>
<th>Chapter Name</th>
<th>Members</th>
<th>Students</th>
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</thead>
<tbody>
<tr>
<td>Quebec</td>
<td>182</td>
<td>33</td>
</tr>
<tr>
<td>Montreal</td>
<td>514</td>
<td>131</td>
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<tr>
<td>Ottawa Valley</td>
<td>352</td>
<td>7</td>
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<tr>
<td>Toronto</td>
<td>823</td>
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<tr>
<td>Hamilton</td>
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<tr>
<td>Halifax</td>
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<tr>
<td>London</td>
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<tr>
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<tr>
<td>Saquenay-Lac St. Jean</td>
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<td>79</td>
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<tr>
<td>Windsor</td>
<td>67</td>
<td>9</td>
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<tr>
<td>Mississauga</td>
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