

# 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:

ACTIVITY	POINTS DETERMINATION	POINTS	MAXIMUM
Technology Awards	a) Each technology category with an entry into chapter competition	50	200
	b) Each chapter entry into regional competition	50	250
	c) Regional Award 1st Place	60	60
	d) Society Award		
	1st Place	100	100
	2nd Place	70	70
	3rd Place	50	50
	e) ASHRAE Award of Engineering Excellence	200	200
	a) Each chapter entry into regional competition	50	50
	b) Regional Award - 1st Place	60	60
Government Affairs Awards	c) Society Award		
	1st Place	100	100
	2nd Place	70	70
	3rd Place	50	50

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ACTIVITY	POINTS DETERMINATION	POINTS	MAXIMUM
Chapter Outreach Activities	a) Each presentation on HVAC technology to a professional or business group <sup>1</sup>	50	150
	b) Each expert testimony or prepared statement to a legislative group	50	200
	c) Each appointment to a government advisory board, council or committee	25	200
	d) Each liaison with a state, provincial or local government official. <sup>2</sup>	25	200

*50 LETTER*  
*50 90-1*

## 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 given also for advanced planning of programs and the use of Society-prepared programs.

ACTIVITY	POINTS DETERMINATION	POINTS	MAXIMUM
Technical Content	a. Each hour of a chapter technical session <sup>3</sup>	25	100
	b. Each three-hour Technical Seminar (other than Refrigeration)	100	300
	c. Each use of a Society-prepared program at a chapter meeting	25	100
	d. Each rated presentation	20	300
	e. All topics for future meetings identified and communicate to members	100	100
Quality <sup>4</sup>	a. Each rated presentation	20	300
	b. Future speakers identified: each speaker	10	200

*ALL TO FOLLOW UP.*

<sup>1</sup> Professional or business groups are defined as ten (10) or more individuals.

<sup>2</sup> Chapter liaison is defined as an individual assigned to represent chapter as liaison to a specific group during the year.

<sup>3</sup> Full technical session

<sup>4</sup> 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 TEGA Regional Vice Chair.

<sup>5</sup> 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:

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

<sup>1</sup> 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.  
<sup>2</sup> (Minimum 3 Hrs.) This credit is in addition to the credit given in the Technical, Energy & Government Activities area.  
<sup>3</sup> Biography submitted and accepted by TC/TG

## ACTIVITY

## POINTS DETERMINATION

## POINTS

## MAXIMUM

Scholarships:  
 a) Student Scholarships Awards Conferred (see formula) <sup>6</sup>  
 b) Society Scholarship Award Contribution (See formula) <sup>10</sup>

Each chapter student night 25 50

National Engineers Week Participation

a) Radio/TV public service announcements 25 100  
 b) Proclamation (city, county, state) 10 30  
 c) Newspaper advertisements/articles 10 50

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

Where: D = Total dollars of all scholarships  
 N = The number of scholarships given

$$P_{ssa} = \left( \frac{C1}{10} \right)$$

Where: P<sub>ssa</sub> = Points for Society Scholarship Award  
 C1 = Total dollars contributed

(The contributions to the Society Scholarship Award will receive 10 points per \$100 contributed.)

## 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:

ACTIVITY	POINTS DETERMINATION	POINTS	MAXIMUM
Student Member Growth (SMG)	Formula: $50\sqrt{SMG}$	50 $\sqrt{5}$	100 per branch
Student Branch	a) Each existing branch b) Each new branch c) Each \$200 investment <sup>1</sup> d) Chapter Member's participation in 3 or more branch events <sup>2</sup> e) Student Branch Operations Workshop at CRC <sup>3</sup>	50 100 25 50 50	100 per branch 150
Student Faculty Liaison	Each active liaison	25	100
Student Awards	a) Each competition held b) Each submission to Society competition	25 25	50 50
Career Guidance (post secondary) <sup>4</sup>	a) Each contact <sup>5</sup> b) Teach-ins per class <sup>6</sup> c) Engineers for a Day Program or Tours <sup>7</sup>	25 50 25	200 100 100
K-12 Program	a) Each contact b) Teach-ins per class <sup>8</sup>	25 25	

- 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 Count."

## AREA ASSIGNED MEMBERS 1992-93 PAOE

### 1992-93 Assigned Members

REGION I		
Chapter Name	Members	Students
Boston	780	68
Rhode Island	133	2
Connecticut	550	37
Long Island	288	14
North Jersey	878	61
New York	826	166
Northeast	269	17
Central New York	369	20
Rochester	389	53
Niagara Frontier	228	4
Champlain Valley	115	16
Maine	157	40
Twin Tiers	126	2
Bi-State	227	5
Granite State	147	43

### 1992-93 Assigned Members

REGION II		
Chapter Name	Members	Students
Quebec	182	33
Montreal	514	131
Ottawa Valley	352	7
Toronto	823	109
Hamilton	192	35
Halifax	172	7
London	107	15
New Brunswick	113	6
Saguenay-Lac St. Jean	34	79
Windsor	57	9
Mississauga	133	1

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# 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:

	Points
Delegate and Alternate	50 pts. ea.
Chapter Committee Chairs <sup>1</sup>	100 pts. ea.
Other Chapter Officers or Board Members	40 pts. ea.
All other Chapter Members (except Host Chapter)	35 pts. ea.
If a Delegate or Alternate misses a caucus or business session	<100>

100  
500  
35

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.

$$\sqrt{150/M_a} \quad \sqrt{150/107} = 1.184$$

b) For each host Chapter: 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 PAOE points is as follows:

$$P_r = 10 \frac{C_1}{M_a} + Bonus_1 + Bonus_2 + 50$$

$$= 10 \frac{53,000}{107} = 495.23$$

Where: C<sub>1</sub> = Total dollars contributed  
 M<sub>a</sub> = Area-Assigned Members

Bonus:

- Holding chapter meeting focusing on ASHRAE research
- Achieving a high five by May 31 (more dollars for research than any prior year in last five)

Points  
 25 pts.  
 75 pts.  
 Maximum  
 50 pts.  
 75 pts.

<sup>1</sup> Chapter Committee Chairs are defined as chairs of Membership Promotion, Educational Activities, Technical Energy and Government Activities, Refrigeration, Research Promotion.

## 1992-93 Assigned Members

Chapter Name	Members	Students
Philadelphia	823	90
Central Pennsylvania	290	37
Johnstown	79	12
Pittsburgh	321	59
Baltimore	730	46
National Capital	914	68
Hampton Roads	154	12
Richmond	272	7
Lehigh Valley	130	3
Delaware	219	5
Roanoke	184	8
Anthracte	106	7

## REGION IV

### 1992-93 Assigned Members

Chapter Name	Members	Students
North Piedmont	193	18
Southern Piedmont	343	10
South Carolina	123	7
Atlanta	843	48
Greenville	229	5
Triangle	293	5
Charleston	80	0

## REGION V

### 1992-93 Assigned Members

Chapter Name	Members	Students
Cleveland	384	3
Columbus	379	60
Cincinnati	355	10
Dayton	192	15
Toledo	150	1
Central Indiana	342	62
Evansville	103	18
Detroit	505	55
Central Michigan	125	7
Western Michigan	321	50
Akron\Canton	140	5
Northern Indiana	85	5
Fort Wayne	82	6
Eastern Michigan	72	3

520

ACTIVITY	POINTS DETERMINATION	POINTS	MAXIMUM
Historian	Receipt of Society Gold Ribbon Award <sup>(1)</sup>	100 pts.	
	List of Society or Regional Award Winners in chapter for current year submitted	25 pts.	
	Chapter archives indexed and location known	25 pts.	
	Leadership recall interview <sup>(2)</sup>	50 pts.	
	Conduct historical program	50 pts.	
	Publish article of local or national nature	50 pts.	

### 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:

$$P_a = 400 \sqrt{\frac{A}{.12M_a + 18}}$$

Where: A = Average Regular Chapter Attendance  
 M<sub>a</sub> = Area Assigned Members

Bonus:	Points	Maximum
a) For having regularly scheduled chapter summer meetings (July, August, September)	50 pts. ea.	150 pts.
*b) For having joint meetings with RSES, RETA, IAR, BOMA, AA, SPE, MCA, SMACNA, ASPE, SWE, IES, or other:	25 pts. ea.	200 pts.
c) For establishing a new chapter section	100 pts. ea.	200 pts.
d) For maintaining an existing chapter section	50 pts. ea.	200 pts.

\*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.

REGION VI			1992-93 Assigned Members
Chapter Name	Members	Students	
Wisconsin	403	43	
Illinois	972	38	
Central Illinois	115	12	
Iowa	210	35	
Minnesota	765	61	
St. Louis	551	16	
Chicago	148	7	
Madison	172	29	
Northeast Wisconsin	144	4	
La Crosse Area	114	31	
Rockford	84	16	
Mississippi Valley	150	3	
East Central Illinois	80	16	
Cedar Valley	44	5	

REGION VII			1992-93 Assigned Members
Chapter Name	Members	Students	
Louisville	182	14	
Memphis	194	2	
Birmingham	230	24	
Mobile	76	7	
New Orleans	159	34	
Baton Rouge	76	2	
Mississippi	121	6	
Nashville	255	16	
East Tennessee	208	4	
Tennessee Valley	60	5	
Montgomery	75	20	
Bluegrass	85	2	
Northwest Florida	68	0	
North Alabama	79	4	
Tombigbee	34	7	
Mountaineer	85	18	

REGION VIII			1992-93 Assigned Members
Chapter Name	Members	Students	
Arkansas	240	35	
Shreveport	91	1	
Houston	548	64	
Alamo	222	23	
Austin	197	119	
Dallas	504	12	
Central Oklahoma	386	25	
Northeastern Oklahoma	194	18	
Fort Worth	267	12	
West Texas	83	9	
East Texas	60	14	
South Texas	51	7	



1992-93 Assigned Members

1992 - 93 PAOE CRITERIA

REGION IX

Chapter Name	Members	Students
Kansas City	458	94
El Paso	74	2
Rocky Mountain	511	59
Utah	226	20
Nebraska	326	14
Wichita	107	8
New Mexico	214	9
South Dakota	125	12
Black Hills Area	37	0
Big Sky	102	4
Idaho	100	2
Pikes Peak	68	21
Ozarks	70	15

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

640

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.

$$P_m = 100 \left( \frac{M_n}{.03M_a} \right) + 100 \left( \frac{A}{.03M_a} \right)$$

1992-93 Assigned Members

REGION X

Chapter Name	Members	Students
Sacramento Valley	245	4
Golden Gate	722	15
San Joaquin	101	2
Southern California	803	37
San Diego	289	22
Central Arizona	255	6
Tucson	97	21
Southern Nevada	98	0
San Jose	287	18
Orange Empire	346	2
Hawaii	290	5
Northern Nevada	68	3
Sierra Delta	59	1
Tri-County	112	0
Singapore	312	3
Hong Kong	505	12
Malaysia	108	1
Taiwan	84	2
India	127	0

Where:  $M_n$  = New members as approved by the Admissions and Advancement Committee prior to June 30, 1993.  
 $M_a$  = Area assigned member  
 $A$  = Advancements

Bonus:

- a) If membership is held constant or increases 100 pts.
- b) For having a special Membership Promotion Chapter Night: 50 pts. ea. 100 pts.
- c) Each Chapter "dues" paying member who is also a member of a Society Council or Committee. 25 pts. ea. 100 pts.
- d) For achieving each 1% reduction in delinquency rate below 6%. 40 pts. ea. 240 pts.
- e) For each upgrade from Student Member to Associate, Affiliate or Member Grade within one year of graduation 25 pts.

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.

# 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, monies 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.

**Refrigeration** - REGIONAL VICE CHAIR must advise Headquarters of these figures.

**FOLLOW-UP FOR INFORMATION WILL BE MADE THROUGH YOUR REGIONAL CHAIR ONLY.**

### REGION XI

<u>Chapter Name</u>	<u>Members</u>	<u>Students</u>
Manitoba	163	1
Southern Alberta	283	21
Northern Alberta	233	126
British Columbia	403	25
Inland Empire	80	2
Puget Sound	630	57
Oregon	500	21
Ragina	53	1
Saskatoon	82	133
Alaska	154	23
Mid-Columbia	69	2
Vancouver Island	84	0

1992-93 Assigned Members

### REGION XII

<u>Chapter Name</u>	<u>Members</u>	<u>Students</u>
Jacksonville	273	24
Florida West Coast	371	31
Miami	227	24
Central Florida	256	44
Gold Coast	162	28
Spacecast	75	4
Puerto Rico	116	63
Gulstream	140	1
Southwest Florida	88	24

1992-1993 Assigned Members



ASHRAE: SHARING RESOURCES GLOBALLY

## PRESIDENTIAL NEWSLETTER

August, 1992

TO: Chapter Presidents  
ASHRAE Membership Promotion Committee  
ASHRAE Research Promotion Committee  
ASHRAE Educational Activities Committee  
ASHRAE Technical, Energy and Government Activities Committee  
ASHRAE Refrigeration Committee  
Board of Directors

SUBJECT: 1992-93 PRESIDENTIAL AWARD OF EXCELLENCE (PAOE)

This program, even though named the Presidential Award of Excellence, is created jointly by your peers, the ASHRAE President and staff, to give incentives in carrying out the activities in the various areas of chapter operations, which are important in running a successful chapter. The points should be used as a tool in comparing your chapter's progress from year to year.

I am reminded of the value of this program when I attend CRCs and see the look of pride and satisfaction on the faces of the people who are receiving the award, as well as the other members of their chapter, when they come forward to receive their award. The looks given by the spouses give an indication that now they understand why their spouses spent so much time with ASHRAE business.

I have had many suggestions from committee chairs, Regions Council and various council members. I have included most of them. The one suggestion I did not follow was the one to combine Technical, Energy and Government Activities Committee and Chapter Program Activities into one section. My past experience has shown that the most successful chapters have the best programs. We need to emphasize this fact. Thus, I am keeping it again this year as a separate section.

A separate section for Chapter History has been added to highlight the importance of the chapters' contributions and to prepare for ASHRAE's Centennial Celebration.

ASHRAE's 98 years of success come from the fact that ASHRAE is a grassroots society. Without the unselfish efforts of each member, we would not have grown into the world's leading educational/technical society in the field of HVAC&R.

Our theme for this year is:

**"SHARING RESOURCES GLOBALLY"**

Sharing is giving and receiving of everything—information, research, successes, disappointments and finances, not only locally but around the world.

I look forward to our continued success for the coming year.

Richard A. Charles  
President