



PUERTO RICO CHAPTER REGION XII



Activities' Report Summary 2005-2006
CHAPTER REGIONAL CONFERENCE
August 24 to 27, 2006 – Ft. Myers, Florida

Delegate: Jacques Etienne
Alternate: Yuklinia Robles



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**LETTER FROM THE PRESIDENT
2005-2006 CHAPTER REPORT SUMMARY
CRC MEETING**

June 06, 2006

Dear ASHRAE Member:

Following is a summary of our Chapter Activities:

Chapter Operations

The Chapter published this year 10 newsletters. Also, there have been 11 published newspaper articles related to ASHRAE PR Chapter's work. The Chapter was able to promote two (2) research proposals by local entities. We have celebrated one social event (Christmas Party) and we are in the work for our second before the end of this society year. We had the pleasure of receiving the visit of our Society President Lee Burgeet, Vice President Ronald Jarningin and Regional Vice Chair Benjamin Cole and visited with us 6 key employers. Also they help us in the effort of the Government of Puerto Rico in adopting ASHRAE 90.1 by discussing with the government official about it.

Chapter Technology Transfer

We have had provided these technical sessions in our monthly meetings, the last three (3) were certified with one (1) hour contact of Continuing Education:

- ✚ Part Load Control for Package and Split DX Systems (57)
- ✚ Modular Dust Collectors (34)
- ✚ Development of Design Guideline for Pharmaceutical Facilities (24).
- ✚ Selection of Fire Systems, Buster and HVAC Pumps (35)
- ✚ Specifying Green: Writing Sustainability into Construction Documents
- ✚ Commercial Dehumidification (34)
- ✚ Fabric Duct

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✚ LEED System

We have promoted special seminars (with 3 hours or more in duration), with other professional groups with certification of Continuing Education:

- ✚ Introduction to Air Side Balancing (TAB) (57)
- ✚ Dust Collector Seminal (51)
- ✚ Combined Heat and Power (15)
- ✚ Sustainability and the Building Environment (20)
- ✚ The Practical Application of Open Protocol for Building Automation System (BAS) (20).
- ✚ ASHRAE 90.1 (27)
- ✚ Variable Speed Application in Chillers, Air Handling Units and Pumps (126)
- ✚ Commercial Dehumidification Seminal (26)
- ✚ “Sustainable Design and LEED Accreditation for Engineers”, “Innovative Airside System Designed to Conform to ASHRAE 90.1 and Improve IAQ” and “Theory, Applications and Design of Condenser and Chilled Water Primary, Secondary, and Tertiary Pumping Systems”

We also have hosted meetings with business theme:

- ✚ PR Chapter BOD and Plan Presentation (37)
- ✚ Property Insurance for Projects (43)
- ✚ State Workers Compensation Insurance (40)

This year we also co-sponsor a trade show with MCAPR and the Institute of Mechanical Engineers (242). Two (2) Chapter Programs surveys were done this year. As far as attendance, we average 54 persons in our activities. The (#) shows the attendance of each activity. In other aspects, we have been working closely with the PR Regulations and Permits Administration regarding the PR Energy Building Code. We currently have the support of various professional societies in the island. We also have submitted one (1) technology award to the regional competition and to the Government, Chapter Program and Dan Mills Regional Awards. You can find more details in these submittals

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Membership & Promotion

As of April 30th of 2006, we have registered 189 members.

Following is a breakdown of the membership changes we have up to date:

Total Summary

Category	Total
New member application	22
New student member application	4
Student transfer	0
New application for associate member	1
Reinstatement with back dues	2
Reinstatement with application for regular member	3
Reinstatement with application for associate member	3

The chapter's net membership for 2005 was 139, unfortunately we do not have the number for 2006 at the time this report was generated to compare the chapter growth.

As part of our monthly meetings we celebrated two membership nights; one of them were had the visit of Traci Just, Membership Promotion Committee Chair

One of the mayor changes we did this year that we believe will help us in growing our membership base is the relocation of were we do our monthly meetings, which brings more people to the activities.

Also another incentive that will help in growing our membership is that we are offering credits for the topics we give in our meetings. Engineers are required by the College of Engineers and Surveyors of PR to comply with a number of credits per year in order to renovate their licenses and we will offer this incentive to all ASHRAE members who are in good standing with the organization.

Historian

We have posted 24 entrees in our web site ashraepr.textamerica.com and Chapter Newsletter. We plan to submit at the end on the Society Year our submittal for the Gold Ribbon Award

Student Activities

A teach-in was done in the University of Turabo at Caguas, it was attended by 15 HVAC Students. A Student night activity will be done before the end of the 2005-2006 Society Year.

We continue in conversation with the Mechanical Engineering Department with the Inter-American University of Puerto Rico – Bayamón Campus to instate their chapter as soon as possible.

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Research

Our goal this year was \$2500 and we achieved up to date \$2,080. We completed our Full Circle Award. Also we promoted special seminar as to increase funds for ASHRAE Research. We are working on plan that will help us achieve Goal Buster Status at the end of the Society Year.

Treasurer

As of May 30TH 2006, the Total Fund Balance is \$8150.00. This year we had an average of 28% delinquency in Society Dues and 25% in Chapter Dues.

Chapter Problems

Some problems that we spotted during the last cycle and their possible solutions follow:

1. Chapter Delinquency
 - a. Problem
 - i. Lack of support from Chapter members for paying their dues.
 - b. Solutions
 - i. Society to invoice the Chapter Dues thru their yearly renovation process.
 - ii. Charge admittance to guest and delinquent Chapter members in monthly meetings.

2. Students Activities
 - a. Problem
 - i. Student Chapter Advisors change every year or are not available
 - b. Solutions
 - i. Society and Chapter to provide incentives to Student Chapter Advisors with the purpose to maintain them in their positions
 - ii. Invite Advisors to BOG meetings
 - iii. Start of each semester have a "Student Night" Meeting

3. Research Promotion
 - a. Problem
 - i. Lack of donation by Chapter Members and Companies

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b. Solutions

- i. Increase the number of activities to benefit research promotion
- ii. Provide raffles in monthly meetings
- iii. Request donation to other Chapter professional societies that are in Puerto Rico
- iv. Invite possible donors to each "Research Promotion Nights"

Innovations & suggestions

- We have come to an agreement with the Professional Collage of Engineers and Land Surveyors and its Institute of Mechanical Engineers for certifying for Continuing Education Credits the technical sessions in our monthly meetings. Our first certified session was May 2006.
- We established a Chapter web site. It includes entries of Chapter History, download page with technical presentations given in our monthly meetings and seminars, and it has a link to the activities invitation and Chapter newsletter.
- We have signed the permission for Society to invoice the Chapters dues. We understand this will reduce the Chapter dues delinquencies.
- Returning to previous location of meeting (Bodega de Mendez) has increased our attendance numbers.
- We have coordinate monthly joint seminar with the Institute of Mechanical Engineers. This has increase the access to new possible members and income for the Chapter. One of these activities was in benefit of Research Promotion.

Closing Statement

The Society Year 2005-2006 started as a great challenge. Looking back, I feel proud of the work accomplished this year and ready for other challenges within the Society. I would say this has been a great ride and I pass the torch on a high note. I would like to thank the BOG and Committee Chairs for their effort of making the Puerto Rico Chapter the Best. Also, I would like to give

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thanks to the Society and Region Officers which provided supports in these year's endeavors.

Yours truly,

Ricardo L. Esbri Amador
President Puerto Rico Chapter 2005-2006

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