



Region VII - Chapter 192

Current:
Director and Regional Chair – Larry Fisher
Assistant Regional Chair – Jeff Gatlin
Regional Vice Chair CTTC – Michael Cooper

MINUTES

THIS FORM SHOULD BE SUBMITTED TO YOUR REGIONAL CHAIR (DRC) AND TO REGIONAL VICE CHAIR (RVC) OF CHAPTER TECHNOLOGY TRANSFER WITH MINUTES FOR ALL OF THE FOLLOWING: CHAPTER MEETINGS, BOG MEETINGS AND SECTION MEETINGS WITHIN THREE WEEKS OF EACH MEETING. (BOD 03-06-27-1C)

Chapter Name: West Virginia

Meeting Date: 03-25-2015

Check One:

Chapter [X] BOG/BOD [X] Section [ ]

Attendance: (Total for chapter and section meetings only)

Members 10 Guests 6 Students

Theme Night? Name

Check One:

Joint Meeting? Yes [ ] No [X]

Check One:

Technical Speaker/Program: Yes [ ] No [X]

Indicate Topic: Board meeting was attended by DRC Larry Fisher at the Charleston Civic Center before the EXPO. Chapter meeting followed Board meeting, DRC Larry Fisher spoke about ASHRAE and officially announced WASHRAE's 2015-2016 Officers.

WASHRAE March 25th, 2015 Meetings and Events

Meetings and Events Held at:
Charleston Civic Center (EXPO)
200 Civic Center Dr.
Charleston, WV

WASHRAE Board Meeting:

- 1. Meeting called to order by President Elect Jennings Davis.
2. In attendance:



- A. Mr. Jennings Davis – President Elect
  - B. Mr. Larry Fisher – DRC
  - C. Mr. Art Hallstrom – GGAC Chair, BOG
  - D. Mr. John Pruett - Treasurer
  - E. Mr. James Lowry – CTTC Chair
  - F. Mr. Ted Zachwieja – Membership Promotion Chair
  - G. Mr. Will Dempsey – YEA Chair
  - H. Mr. Shane Hall – Program Chair
  - I. Mr. Dan Nolte - BOG
  - J. Mr. Ray Wohlfarth – Research Promotion Chair, BOG
  - K. Mr. Samuel Butzer – Secretary
3. Introduction of Larry Fisher
- A. ASHRAE Society Director
  - B. Director and Regional Chair of ASHRAE Chapter VII
4. Previous meeting minutes approved.
5. Upcoming meetings/events:
- A. President Elect training on May 16<sup>th</sup> at ASHRAE headquarters in Atlanta, GA. Regional officers will attend and the event is a great opportunity for networking. Jennings Davis will attend; Samuel Butzer has the opportunity and needs to discuss financing with Employer.
  - B. May 29<sup>th</sup> Chapter Planning Meeting at the Fireside Grille – 3:00 – 5:00 PM. Meeting is open to Officers, Chairs and Governors.
  - C. Chapter Regional Conference (CRC) will be held in Memphis, TN this year. Need to determine the Delegate.
  - D. WVASHRAE has requested 2017 CRC to be held in West Virginia – August 3<sup>rd</sup> thru 5<sup>th</sup>.
    - i. This is approved in theory by DRC Larry Fisher.
    - ii. Work needs to be done to establish venues and events.
    - iii. We need to establish CRC chapter committee and subcommittees for planning and financing that will not conflict with chapter responsibilities.

#### President Elect Reports - Jennings Davis

1. Chapter is on PAR or over PAR for every PAOE group.
  - A. We still lead the region in PAOE points.
  - B. Technology award projects for PAOE points. Submission to CTTC Chair by April 15<sup>th</sup> for review with final submission to region by May 15<sup>th</sup>. (John Pruett – Huntington East Middle School)
  - C. Chairs of each committee are allowed to log in PAOE points.
2. Future joint meetings need to be discussed at May planning meeting. If anyone has suggestions, please forward them to Jennings Davis, Sam Butzer and Shane Hall.
3. Committee Chairs are responsible for finding replacements for their positions so the chapter has time to train. Officers will assist if asked upon to help find replacements.



### Treasurer's Report – John Pruett

1. Everything is in the black – we're looking good.
  - A. ~\$1400 in scholarship account
  - B. ~\$4500 in general account
  - C. ~\$462 payment for regional dues was approved
2. CRC will keep separate financial books from chapter.
  - A. Registration fees, donations, sponsorships, acknowledgements, promotions.
3. Research Promotion finances to be separate from chapter.
4. Audit committee to audit books in May.
5. 503C is filed.

### Chapter Operations

1. PAYPAL may not be working properly, people are registering and paying for meetings but notification is not being sent to Treasurer.
2. Constant Contact to remain for primary email notifications.

### Program Chair – Shane Hall

1. Shane has everything programmed and under control.
2. January meeting tends to be lowest attendance, suggestion to change timing of meeting (Jennings, Sam and Shane to discuss and provide alternatives)
3. Suggestion to promote a Technical Seminar for fundraising. Seminar should include Manufacturer product showcases with registration fees going towards RP and Student funding.

### CTTC Chair – James Lowry

1. James is working with John Pruett on the Technology Award submission.
2. James is working on Distinguished Lecturer paperwork for Dan Nall and EXPO speakers.

### Membership Promotion/YEA – Ted Zachwieja

1. Membership goal was to add 1 new member to the 66 registered last year. Currently there are 69 members, and 29 student members. However, there are 4 members that will be leaving (moving, changes, etc.).
2. Local Mechanical Contractor, NITRO Mechanical indicated they would be registering several new members. Chapter officers should reach out to co-workers, contractors and manufacturers representatives to bolster registration.
3. Will Dempsey will be next MP Chair and YEA Chair. Will is attending YEA training in San Diego.
4. Ted has been selected to be on the ASHRAE Electronics Communication Standing Committee.



### GGAC – Art Hallstrom

1. Art attended a meeting at the State Fire Marshal's office with Ted Shriver from AIA and Jill Watkins from WVUSGBC to promote adoption of ASHRAE 90.1-2010 for state energy code.
2. Collaboration must continue to establish reasonable enforcement of the current energy code by the State or local jurisdiction. Suggest splitting commercial from residential to facilitate commercial enforcement.
3. ASHRAE leads the state of West Virginia in involvement and knowledge of codes, standards and energy efficiency.

### Student Activities – David Cotton (not in attendance) – presented by Art Hallstrom

1. Art will be speaking at the April student chapter meeting at West Virginia University.
2. Suggestion to reach out to Craig Miller of Miller Engineering to become Student Activities chair because of his proximity to WVU and involvement with students.

### Research Promotions – Ray Wohlfarth:

1. Current only \$100 short of \$2000 goal.
2. HSC Industries provided \$800 to RP funding and deserve acknowledgement on chapter website.
3. Still need to establish a sustainable, yearly fundraiser:
  - A. Technical training sessions with informative, non-commercial speakers providing 30 to 40 minute technical, relative training sessions.
  - B. Tradeshow to allow Manufacturers and Representatives to display products and availability. Table tops provided for advertisement, demonstrations and hand-outs.
  - C. Technical sessions with tradeshow will attract Contractors and Engineers.
  - D. Columbia Gas Facility and Hurricane City Hall available for free.
  - E. Proposed for January meeting to bolster attendance and funding.

Meeting adjourned.

### **WVASHRAE March 25<sup>th</sup>, 2015 Chapter Meeting**

9:00 AM – 10:00 AM

Special guest, DRC Larry Fisher promoted ASHRAE, showed an ASHRAE video, discussed West Virginia chapter standing and competence within Region VII and acknowledged/swore in next year's elected officers.

### **West Virginia Building EXPO at the Charleston Civic Center**

The EXPO followed the chapter meeting with WVASHRAE providing the following seminars throughout the day at the EXPO event:

1. "Green-Sustainable-HVAC Design"
  - A. Presented by Julian de Bullet of Bullet Consulting:
    - i. This presentation will explore the different choices that must be made to ensure an efficient design. We will compare different systems, including LEED and



Green Globes to see how the design can comply with green design concepts. An exploration of life cycle calculations will complete the seminar.

2. “Key Analytical Measurements in Drinking Water Applications”
  - A. Presented by Nikodem Siwek, CWA (Continuous Water Analyzer) Sales Specialist / Eastern Regional Analytical Sales Manager.
    - i. Discussing generic drinking water treatment applications with the goal of understanding vital analytical measurement points and why they are important in water quality.
3. “Responsible Use of Refrigerants”
  - A. Presented by Julian de Bullet of Bullet Consulting.
    - i. This presentation discusses the practical Standards 15,147, and 34. Including how to retrofit existing Mechanical Rooms to meet the Standards. Emphasis is placed on the safety of the persons and property on or near the premises. Also it discusses the practices and procedures that will reduce emissions into the atmosphere of halogenated refrigerants used in refrigeration and air conditioning. Ever wonder why you hear so many different dates on the phase out of refrigerants? Want to know which refrigerant is being phased out, when and what will replace it? This lecture will describe the current status of refrigerants and provide our best guess on where things are going in the future.
4. “What’s Better? Max Tech or Net Zero Buildings?”
  - A. Presented by Art Hallstrom, AD Hall & Associates.
    - i. Today, the choice is yours. Technology exists today to make a building either max tech (lowest energy usage before renewable energy like solar) or net zero - no off site energy use on an annual basis. Learn about EUI metrics, WV energy code requirements, how they relate to max tech and net zero, benefits of a high performance/low energy use building and as an owner or designer - how to get one. The ASHRAE bEQ Labeling Hurricane City Building will be an example for how to get to max tech or net zero energy use.
5. “The Future of Green Buildings: A LEED Version 4 Overview”
  - A. Presented by Joe Sinclair (AIA) Jill Watkins (WVUSGBC) and Sam Butzer (WVASHRAE)
    - i. An informational panel discussion regarding the practice of architecture in West Virginia, the governing bodies and licensing requirements for practice.
6. “Variable Flow Chiller Plant Design”
  - A. Presented by Julian de Bullet of Bullet Consulting.
    - i. We will focus on primary/secondary and variable primary flow chiller plant



design as influenced by ASHRAE Standard 90.1. The material will cover pros and cons, design parameters and control issues. Next we will discuss low delta T syndrome. We will explain what it is and why it happens. Then we will discuss how to correct it.