

ASHRAE TECHNICAL COMMITTEE MEETING TC-5.7 EVAPORATIVE COOLING

Date – Monday, January 21st, 2018, 4.15 pm to 6.30 pm

Location – Palmer House Hilton, Floor 7: LaSalle 2

Chairman – Andy Cochrane, PE

PRELIMINARIES

The Meeting Was Called To Order By Andy at 4.30 pm with self introductions. An attendance sign-in sheet was circulated and signed by those attendance. A quorum of voting members was in attendance.

The minutes from Long Beach ASHRAE TC-5.7 meetings were read, moved for approval by Sukru and seconded by Richie and approved unanimous vote of the voting member.

Handbook – Mathur

- Evaporative Cooling design guide to be developed
- Chapter – 52 of Handbook has been modified / corrected and will go for valet voting for approval by 15th February 2018.
- The deadline is 18th April 2018
- Chapter – 41 – is under review and will be finalized by next summer meeting
- Liaison name for the above to be shared.

Program - Slayzak

- Next meeting is in Houston (June) 2018 and Atlanta 2019
- Material for the Houston to be ready before the deadline
- It was proposed to have topic- Hybrid Cooling – Direct / Indirect / DX cooling
- It was decided to have seminar in Houston on Hybrid cooling technologies with the track - System & Equipment's. The dead line is very near and to be taken on fast track.
- And for Atlanta, the topic will be Hybrid cooling – tool for Energy Plus for Simulations of Hybrid Cooling with track- Building Energy Simulations
- Steve Slazak to be followed by Tom for Atlanta

Website - Dwyer

Research – Miller was not in attendance. Report was made by Andy

- Research paper submissions dates are revised as under
 - 15th March
 - 15th May
 - 15th August
 - 15th December
- Research on Humidity & Cooling effect on Kids and seniors documents to be shared in Houston. TC 5.7 to support and sponsor the same
- Evaporative Cooling design Guidelines – Reach out to Pub-ed (Steve Comstock) for his comments

Standard – Graef

- Following two standards are up for review and revision
 - Methods of testing of Indirect Cooling
 - Methods of testing of Direct Cooling
- These are to be coordinated by Galen Gerig and William Troung
- The motion was moved to form the committee to revise ASHRAE Standards 133/2015 and 143/2015. It was proposed by Andy and seconded by Sukru. The motion passed 5-0-0

Membership- Scofield was not in attendance – reported by Andy

- 7 voting members are required and minimum 6 are required in the TC committee.
- The following positions were recommended
 - Steve Slayzak will be chair from session starting July, 2018.
 - Mike as Vice Chair (Sukru as an alternate)
 - Sukru to be Chair of Program Sub committee
 - Richie as Chair for Research sub committee and William as Secretary.
 - The concern for lot of voting members rolling off in 2020 was discussed
 - It was discussed for having Mathur back as Voting member
- The name of Vishnu Ssreram was proposed as Voting member for session starting July 2018 by Graef.

Liaison Report

- Nothing to report

Old Business/ New Business

- N/A

TAC Section Chair 5 - Larry Smith reported briefly

- Student program was done on Saturday, 20th January 2018 with around 400 students participating. It was a very successful and exciting event.
- Shared general information about the TC.
- Shared about the TC training being held now

Next meeting

- Monday, 25th June 2018 at Houston – 4.15 pm to 6.30 pm

Adjournment

- After a call of any New Business by Andy, the motion to adjourn the meeting was proposed by Andy and seconded by Sukru and was adjourned by 6.20 pm