

**ASHRAE TC 8.3 Absorption and Heat Operated Machines**  
Research Subcommittee Meeting Minutes  
Monday, June 25, 2018  
Annual Meeting – Houston, TX

Attendees:

Douglas Davis	Rajesh Dixit
Kyle Gluesenkamp	Bill Ryan
Kumar Sivagnanam	Amit Vatsa
Tim Wagner	Davide Ziviani

**1. Review minutes from January ....., 2018 in Chicago, IL.**

The minutes were reviewed, and no changes were requested by the subcommittee members.

**2. Work Statement WS1796 “Design Guide for Absorption Chillers & Heat Pumps”.**

Tim Wagner has picked up work on this WS following the retirement of Paul Sarkisian. Tim communicated with the Liaison to clarify RAC’s feedback. The recommendation is to review the ASHRAE Research Manual and rewrite the WS, including a significantly expanded statement of work and deliverables. The plan is to finish the revision and have a vote prior to the next RAC submission deadline (Aug 15).

**3. RTAR Submission “Development or Cogen/Tri-generation Tools of Building Design”.**

David Ziviani reported that he and Patrick Geoghegan are working on the WS and plan to have it ready for a vote prior to the RAC submission deadline (Aug 15).

**4. Discussion of “Other Business” from the previous meeting resulted in a recommendation to combine the topics of absorption heat pumps and district heating co-gen into one topic. Rajesh will work with Juergen to develop an RTAR.**

**5. Kyle recommended the subcommittee drop the topic of materials and corrosion unless someone has a strong desire to pursue this. No one responded, so the topic will be dropped.**

**6. Rajesh recommended that TC 8.3 develop white papers for the purpose of educating the industry on technical topics unique to absorption. Two topics were discussed: (1) Low Temperature (Sub-Freezing) Operation with Li-Br and (2) Ammonia Water Absorption for Heat Pumps. Kyle noted that the committee can post Technical Bulletins (e.g., white papers) on the TC website, pending approval by the full committee and a review by ASHRAE. Rajesh will prepare an abstract for the Sub-freezing topic and Chris Keinath/Mike Garrabrant will prepare an abstract for the ammonia-water absorption topic.**