

Conant Public Library Trustees HVAC Subcommittee Report #2  
December 29, 2016

Meeting with Sean Hamilton, Sterling Municipal Light Department

Date/Time: 12/28/2016, 10-11 a.m.

Attendance: Library Trustees: Marion Mahar and Albert Carlin (recorder)

SMLD : Sean Hamilton, Manager

**Tour of Light Department building to view existing HVAC system:**

- “Steffes Units” (electric heat storage units), indoor ceiling heat/cooling fixtures, and outdoor heating/cooling fixtures observed.

**Discussion of current HVAC proposal:**

- Acknowledged role and responsibility of Library Trustees in Library building matters by Light Department Manager
- Copy of DE engineering report requested ... all copies of project reports to be made available to the Library Trustees.
- Waiting for approval/denial of \$30,000 grant from state. Grant to pay for Steffes heat storage units. Information forthcoming prior to Library Trustees meeting in January.
- Steffes units, along with other components of the proposed primary HVAC heat/cooling system: easy to operate...have long term life expectancy...easy to maintain (require simple filter cleaning)...and low cost to replace.
- Steffes units would be set-up to run at off-peak rate (currently 5.2 cents per kilowatt hour).
- Possibility that Light Dept. will do the installation of a separate off-peak meter and related electrical set-up (?)
- Anticipated 20% to even as high as 50% reduction in current estimated \$25,000 cost (oil, electricity, and maintenance) to run the Library.
- Request for Sean H. to attend January 2017 Library Trustees Meeting to address questions and concerns, accepted. Pat Campbell to follow-up request.
- Discussed possible need for a back-up electrical source...though typical electrical service loss is less than 1 hour, with town-center service prioritized.
- Discussion of a generator as a possible option for backup electrical needs. Rough estimate \$60,000 (?)
- Discussion of a battery bank as an option for electrical backup (a possibility for the near future due to advancements in battery technology).

**Follow-up meeting (Conant Library, 11:30-12:00)**

- Informal meeting held in Library Director’s office with Mahar, Carlin, Campbell in attendance.
- Discussed pertinent information gathered from the two previous subcommittee meetings. A favorable impression of the proposed HVAC project reestablished.
- Need for assembling any further questions for the SMLD Manager, relative to draft of HVAC project, prior to the scheduled Library Trustees January meeting.