

Hollis Schools Thermal Electric Project (HSTEP)  
Community Update #2  
August 7, 2017

Work on the Hollis Schools Thermal Electrical Project, or **HSTEP**, is moving quickly now, with major elements of the project under way.

Last week the **old oil boilers at HUES were removed for good (see photo)**. The old chimney will be coming down too, as the modern Viessmann condensing propane boilers that are being installed this week can be direct-vented and won't need a chimney. Visitors to the school will soon see the old underground oil tank being removed and replaced with four 1,000 gallon propane tanks.

Work also began **on removal of the old 1970's vintage solar thermal panels on the sloped roof at HUES, in preparation for the installation of solar photovoltaic panels (see photo)**. The solar PV installation will begin at HUES, then move to HPS, then come back to HUES and final installation on the HUES gym roof, where stone ballast must first be removed. The project has hired Melanson Roofing of Keene to do this roofing work.

**At HPS, the much needed upgrade of electrical infrastructure has begun**, with local contractor Stellos Electric doing the work. This is in preparation for new lighting, installation of air source heat pumps and other electrical needs at the Primary School. Our construction manager Structure Tone is meeting with our electric utility Eversource soon to make sure a new transformer is properly sized to handle the new electric infrastructure.

Other project components that will begin soon:

- **Replace lighting in both schools with highly efficient LED lighting** that will allow each teacher to easily control lighting in each classroom. This work will likely be done in the evening during the school year as the lights will take 4-6 weeks to arrive once the final order is placed by the end of the month.
- **Insulation work at HUES to reduce building energy usage.** The focus of this work is on a large gap between the walls and ceiling of the 1997 addition to HUES. Vendors toured the school this week and one will be hired soon to complete this work before the school year begins.

Most of this work will be completed before school begins in late August. The solar installation may continue into the early fall. Additional project work, mostly at HPS, will be undertaken during the summer of 2018.

The HSTEP Committee welcomes comments or questions as work progresses. Please direct questions to: committee chair Tammy Fareed at [tfareed@sau41.org](mailto:tfareed@sau41.org).

These updates will be published biweekly. Follow our progress on the Hollis School Board website at <http://sau41.org/hollis-school-board> and on our Facebook page at HSTEP - Hollis Schools Thermal Electrical Project at <https://www.facebook.com/hollisschoolboardHSTEP/>.