

# *SRP PROJECT of the MONTH*

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## *PATRICK HENRY HIGH SCHOOL*

Patrick Henry High School recently completed a 3 summer renovation of the Building HVAC systems. Thru the wall unit ventilators were replaced with vertical air source heat pumps with an energy recovery section and hot gas reheat coil one summer. Rooftop units serving the interior classrooms, Commons Area, Cafeteria, the Gymnasiums, and the Locker rooms were replaced the following summer, and the remaining rooftop units serving the Science wing, Library, and remaining classrooms were replaced in the third summer. The Greenhouse Boiler was replaced and converted from #2 Oil to LP Gas in the third summer as well. The new rooftop equipment runs at higher efficiencies and is connected to an expanded Building Automation . A new roof was installed as part of this project in the second and third summers. The new 100% outside air energy recovery unit serving the locker rooms is shown below.



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