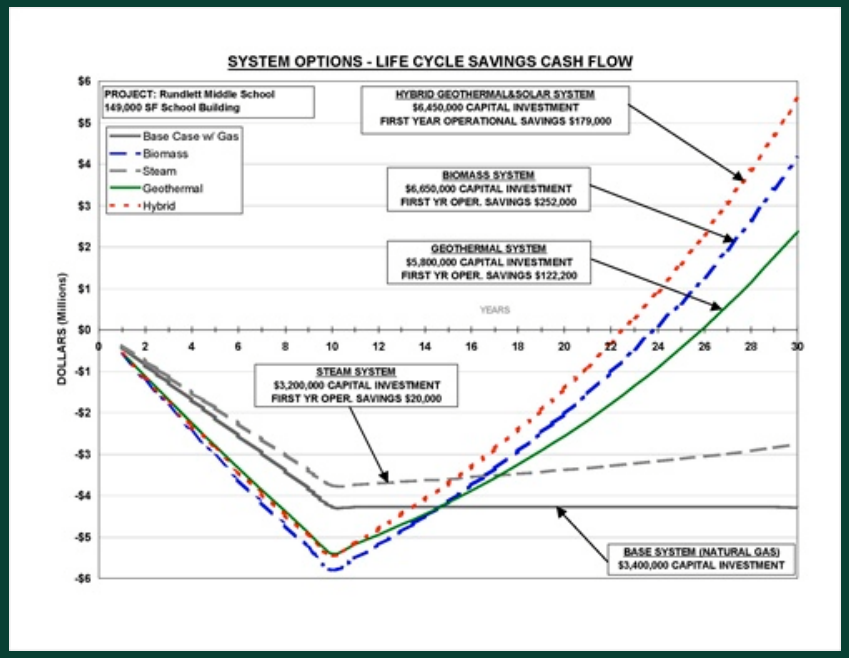
Rundlett Middle School
Concord, NH

Rundlett Middle School was originally constructed in the 1950s, with and oil-fired steam heating system and unit ventilators in the classrooms. Additions and renovations over the years have incorporated steam to hot water converters and additional hot water boiler capacity. However, the majority of the school relies on 50+ year old heating and piping systems.

Turner Building Science & Design, LLC is in the process of designing new heating and ventilation systems throughout the facility. The first step in this process has been a study of alternatives to supply the building heating. A detailed analysis of heating needs in the school was coupled with study of various sources of heat. The study has included natural gas fired equipment, steam generated offsite, biomass, and geothermal systems. Initial costs, operating costs, and life cycle analysis of the options have been prepared to assist the School District with decisions regarding future heating systems in the building.



HVAC System Alternatives

COPYRIGHT – TURNER BUILDING SCIENCE & DESIGN, LLC. 2009 ARCHITECTS – ENGINEERS – BUILDING SCIENTISTS WWW.TURNERBUILDINGSCIENCE.COM MAY BE REPRODUCED ONLY WITH CREDITS TO TURNER BUILDING SCIENCE & DESIGN, LLC.