

# *SRP PROJECT of the MONTH*

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## *J. SARGEANT REYNOLDS COMMUNITY COLLEGE LEARNING RESOURCE CENTER – PARHAM ROAD CAMPUS*

Simmons, Rockecharlie, & Prince recently completed the design for a 2 story Learning Resource Center. The Mechanical System consists of a 324-ton Centrifugal Chiller and Induced Draft Cooling Tower supplying 4 Variable Air Volume Air Handlers located in a Penthouse. Hot Water is provided by 3; 2000 MBH Modulating High Efficiency Gas Fired Boilers. 82 fan powered variable air volume terminals are utilized throughout the building for zone control. The system also includes Computer Room Units, Fan Coil Units, Electrode Steam Humidifiers, and variable speed Pumps. The building is served by a 277/480 volt, 2000 Amp Electric Service. Life Safety circuits are fed by a 125 KW Diesel Fired Generator.



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