University of Missouri – St. Louis
Fiscal Years 2024 – 2029 Capital Plan

April 18, 2024

Design and construction of a Central Utility Plant to support UMSL's North Campus. Project will include new chillers, boilers, pumps, controls, piping distribution, etc. to provide cooling and heating to 10+ buildings.

Currently, the North Campus infrastructure is fragmented with 10+ boilers and 10+ chillers that need constant maintenance and which will need to be replaced in the near future. This proposed Central Utility Plant will be created in lieu of replacing each individual piece of equipment, resulting in lower maintenance costs. As part of this plant, UMSL is pursuing geothermal technology similar to the system at Missouri S&T. Geothermal would improve UMSL's sustainability, reduce carbon footprint, reduce operating/ utility costs, and increase efficiency.

This project is aligned with UMSL's Master Plan by addressing the need for improved infrastructure that supports the overall North Campus consolidation effort. Over the next 5 years, several buildings are scheduled for major renovations near UMSL's North Campus Quad and the campus is employing a strategy to move more campus classes and support offices to the North Campus. The following buildings could directly benefit from a Central Utility Plant: Social Sciences Building, Thomas Jefferson Library, Welcome & Alumni Center, J.C. Penney North, Lucas Hall, Clark Hall, Mark Twain Building, Touhill PAC, Millenium Student Center, Express

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Strategic Projects Development Plan

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