

## *Why do we need the Central Plant Renovation Project?*

- **Aging Components.** The original 1968 equipment including boilers, chillers, air compressors, and wells are beyond the end of their useful life and are overdue for replacement.
- **Lack of Equipment Redundancy.** The Central Plant has inadequate emergency power back-up and both of the high pressure steam boilers are required to run on the highest demand days.
- **Insufficient Groundwater.** The well system cannot continue to deliver the required condenser water for existing Central Plant loads nor for the projected growth under the Capitol Area Plan.
- **Cease and Desist Order.** The state needs to address compliance issues with the thermal limitations of its discharge permit.
- **Insufficient Capacity for Growth.** The Central Plant capacity is inadequate to provide heating and cooling for the increase in office space identified in the current Capitol Area Plan and the proposed West End Office Complex.