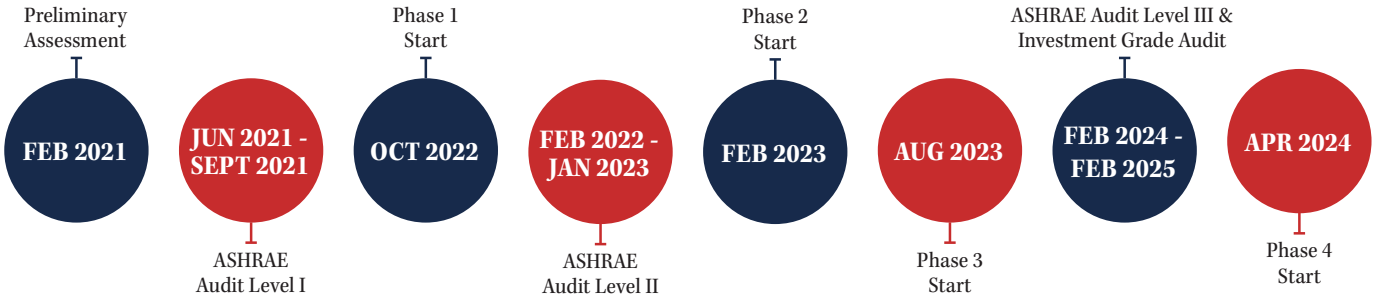
Ole Miss Large-Scale Energy Savings and Building Infrastructure Modernization Project Structure

To date, the ESPC includes five phases to align with financial and operational priorities.



PHASE 1

Awarded | **October 2022**

Construction Phase Completed | **June 2023**

Contract Term | **20 years** Contract Value | **$5.9M**

Total Projected Savings | **$1.46M ($73k/year)**

Rebate Amount | **~$72,000**

Federal Grant Funding | **$5.9M HEERF Funds**

In the Fall of 2022, Higher Education Emergency Relief Funds (HEERF) became available for ALC control upgrades in 3 buildings; in order to use the funding before they expired, the university decided to pull the scope under Phase 1 of the ESPC. *This is a non-traditional approach; typically, projects are awarded after the Investment Grade Audit (ASHRAE Level III) is completed and reviewed by a 3rd party, but it was critical for the university to move quickly to take advantage of the funds.*

ECMS

Direct digital controls installation on 3 campus buildings – upgrading from old pneumatic controls systems, coil cleaning and retro-commissioning.

PHASE 2

Awarded | **February 2023**

Construction Phase Completed | **February 2025**

Contract Term | **20 years** Contract Value | **$9.9M**

Total Projected Savings | **$13.80M ($690k/year)**

Rebate Amount | **~$260,000**

Once the lighting audit was completed during the ASHRAE Level II audit, it did not require a 3rd party Investment Grade Audit review, so the university decided to move forward with LED Lighting for 93 campus buildings.

ECMS

LED Lighting Upgrades and Lighting Controls on 93 campus buildings, ~4.3M square feet.

PHASE 3

Awarded | **August 2023**

Construction Phase Completed | **November 2024**

Contract Term | **1 year** Contract Value | **~$1.9M**

Total Capital Avoidance Amount | **$1.9M**

At the time Trane was completing its audits, the university was designing a new 3,000-ton chilled water plant to add to its loop. For the new chiller plant to keep the project timeline intact and ensure the university received the most efficient equipment with the lowest total lifecycle cost rather than just the lowest first cost, the university elected to use the ESPC project.

ECMS

(2) 1,500 ton Centrifugal Chillers & (2) 250 ton Heat Recovery Chillers for new Central Plant still under construction.

PHASE 4

Awarded | **April 2024**

Construction Phase Completed | **February 2025**

Contract Term | **12 months** Contract Value | **$350,000**

Total Capital Avoidance Amount | **$300,000**

Specialized lighting project, the university opted to treat it as a separate phase.

ECMS

Specialized LED Lighting for House Lighting in Ford Theater.

PHASE 5 (DEVELOPED)

Awarded | **Projected April 2025**

Construction Phase Projected Start | **Projected April 2025**

Construction Phase Projected Complete | **Projected November 2026**

Contract Term | **19 years** Contract Value | **~$10M**

Total Projected Savings | **$10.58M ($556k/year)** Rebate Amount | **~$630K**

ECMS

Chilled Water Loop Correction & Optimization, Building Automation Systems on 15 buildings and 4 chiller plants, major HVAC upgrades at 4 campus buildings, and Aeroseal duct sealing at 7 buildings.