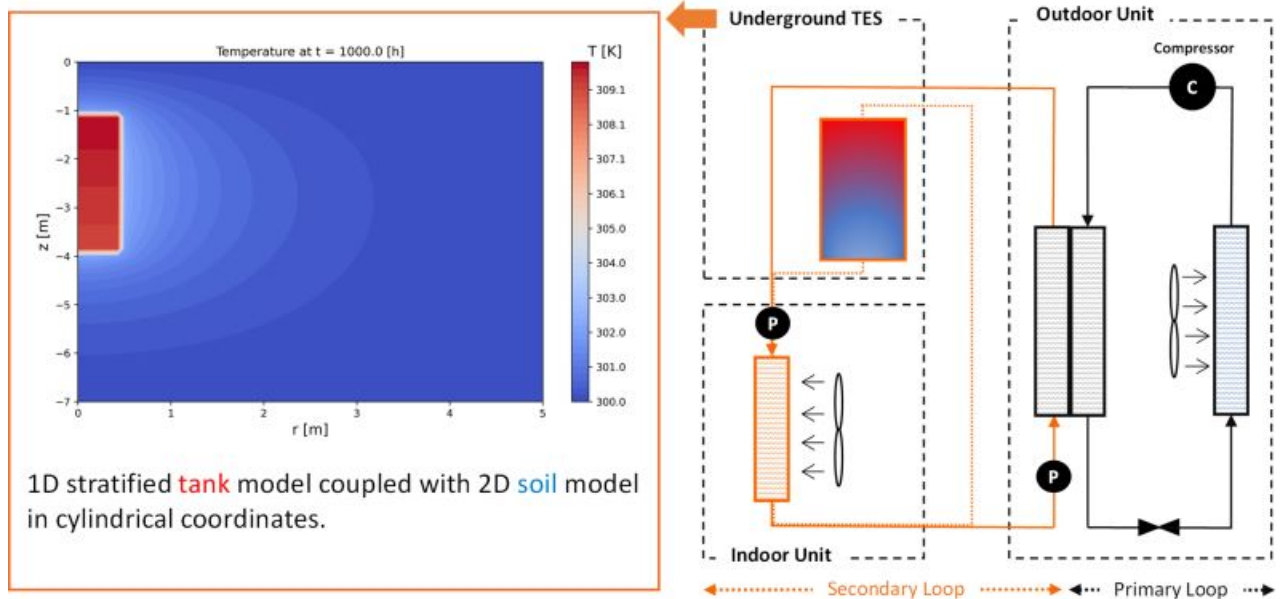

Benefits of Secondary Loop Systems: Thermal Storage and Demand Response

Project Number 23-06



Goal

PROJECT TEAM:

Student: Pouria Moghimi;
Faculty: Jeffrey D. Spitler,
Christian Bach

Develop experimental testbed and validated simulation model of buried thermal energy storage tanks that can be installed with a backhoe-mounted augur

Outcomes/Deliverables

This year, the anticipated outcomes are a partially-validated simulation model, a suite of experimental results that can be used for validation, and an evaluation of techno-economic feasibility