

Construction Scope of Work

UPDATED 10-12-2018

Modernize Existing Chillers

636A8-16-008

The Modernize Existing Chillers project will replace 1000 ton Chillers 4 and 5 with two Magnetic Bearing chillers, along with its associated pumps and piping. The new chillers will be brought on-site and rigged in a disassembled state sufficient to be brought in through the overhead door and through the areas of the demolished pumps and piping. The manufacturer will be responsible for assembly and testing on-site. The base will include installing Magnetic bearing chillers with variable frequency drives. This project will also replace the transformer and switchgear that serves the chillers. The existing control system will be updated with the removal of the DX9100 control modules and replaced with the latest versions. Phase 1 will take place after the issuance of the notice to proceed, which includes the submittal process and procurement of all equipment. Equipment and submittals must be fully ready for the fall 2019 shutdown to replace the two chillers. Phase 2 will include construction with the understanding that the existing chillers **will not** be shut down until fall/winter 2019. The winter install for both chillers must be performed between the dates of October 1st and April 15th, with expected plant to be fully operational by May 1st, 2020.