Case Study

MISK City - District Cooling Application for Permanent Infrastructure

Solution: HVAC

Date: 2022

Location: Riyadh, KSA

Site: Private

Client Overview: Our client, involved in the development of permanent infrastructure for the MISK City project, required a reliable temporary cooling solution to support their operations while existing cooling equipment underwent upgrades and commissioning. The goal was to ensure continuous cooling services during this critical period.

Project Challenges: Upgrading the permanent cooling infrastructure posed significant challenges, particularly the need to maintain uninterrupted cooling services to prevent operational disruptions. The client required a scalable and effective temporary solution to handle the cooling demands of the infrastructure.

Solution Provided: To address these challenges, we supplied a comprehensive district cooling package, which included:

- **Chilled Water Supply:** Delivered 2,500 tons of chilled water as part of the district cooling solution, ensuring adequate cooling capacity to support the ongoing operations during the upgrade process.
- **Temporary Infrastructure Support:** Implemented a temporary cooling system designed to integrate seamlessly with the existing infrastructure, allowing for continuous cooling service without compromising efficiency.

Operational Support: Our team managed the installation and operation of the temporary cooling solution, ensuring that it met the required performance standards throughout the upgrade phase. Continuous monitoring and adjustments were made to optimize cooling delivery.

Result: The temporary district cooling application successfully maintained operational stability, ensuring that the client's infrastructure continued to function smoothly throughout the equipment upgrade process. Our solution provided the necessary cooling support, allowing the project to proceed without delays or disruptions.