



DISTRICT COOLING

Sector Overview

The district cooling industry is rapidly evolving as it correlates with the construction growth in the region. The trend has shown a speedy shift from traditional air-conditioning facilities, to advanced district cooling systems that reduce energy costs, maintenance costs and mitigate environmental damages. Master planners are increasingly considering the long-term benefits of such systems and governments are incorporating necessary infrastructure developments for its efficient implementation and usage. We offer customized optimum solutions in this field and we are actively seeking technologies to lower end users utility costs and inflect minimal environmental impact of the deployment of district cooling facilities.

Engineering Capabilities

Our dedicated and skillful engineers utilize proven and reliable, environmentally friendly cooling technology. We control conditions through advanced monitoring systems at district cooling sites. Our design structure incorporates early warning systems and operational systems that are designed to proactively respond to unexpected changes and technical reviews. Our services secure significant long-term decrease in operating and maintenance costs and avoid the developers major capital expenditures and ensure reduced peak electrical demand while flattering overall electrical loads.

We Offer

- Installation of Mechanical, Electrical and support equipment and systems for central cooling plants
- Installation of an interconnected site wide reticulation
- Setup of Energy Transfer Stations (ETS's)
- Cooling tower make-up and blow down pipelines
- Facade treatment around the ground level cooling towers
- Polishing plant and using water for the cooling tower make-up and development irrigation requirements



Experience

- Jumeirah Beach Residence District Cooling System, Dubai - UAE
- Motor City District Cooling Plant, Dubai - UAE
- Festival City District Cooling Plant, Dubai - UAE
- Meydan Race Course Central Plant Dubai - UAE
- Khalifa City District Cooling Plant, Abu Dhabi - UAE
- Doha Land District Cooling Plant, Doha - Qatar
- Information Technology and Communication Centre District Cooling Plant, Riyadh - KSA
- Hadeed District Cooling, Jubail - KSA

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