



# MEP ENGINEERING

PBK.com \ 1-800-938-7272



## OVERVIEW

PBK MEP offers a professional staff of seasoned engineering professionals who offer expert knowledge of mechanical systems, thermal storage systems, storm water systems, power & lighting design, integrated cabling system design and construction administration.

## SPECIALTY

### ENERGY OPTIMIZATION

PBK MEP works with Energy Service Companies (ESCO) to provide a broad range of comprehensive energy design and maintenance solutions to clients. We have in-house expertise and resources to conduct an in-depth analysis of your property and deliver energy-efficient solutions that have a positive impact on the bottom line of your annual energy costs. We also oversee the installation of all required elements, and deliver a maintenance tracking and training system to ensure energy savings during the payback period.

## SERVICES

### MECHANICAL

- HVAC Design
- Thermal Storage Systems
- Solar Shading Studies
- Energy Code Compliance
- Life-Cycle Operating Cost Analysis
- Heat/Energy Recovery Systems
- Low Temperature Air Systems Design
- Central Plant Design
- Demand Control Ventilation
- High Temperature Hot Water Systems
- Steam Generation and Distribution Systems
- Acoustically-Sensitive Design
- Displacement Ventilation

### ELECTRICAL

- Medium Voltage Campus Distribution
- Power and Lighting Design
- Photometric Analysis
- Low Impedance Grounding Systems
- Lightning Protection Systems
- Transient Voltage Surge Protection Systems
- Fire Alarm Systems
- Daylight Harvesting

### PLUMBING

- Domestic Hot Water Systems
- Storm Water Systems
- Sanitary, Waste and Ventilation Systems
- Gas Distribution Systems
- Water Treatment Systems
- Fire Sprinkler Systems
- Solar Water Heating Systems
- Water Conservation Equipment
- Rain Harvesting Systems