

## DATA CENTERS

### **ARCHON DATA CENTER** – Lewisville, TX

New 8,000 square foot building housing a Data Center and related office and support functions.

### **AT&T FIRMAN DATA CENTER** – Richardson, TX

New 18,000 square foot Data Center and infrastructure build-out to an existing facility.

### **AT&T INTERNET DATA CENTER** – Dallas, TX

- New 15,000 square foot Data Center expansion to an existing facility.
- New medium voltage switchgear design to parallel existing stand-alone generators and provide redundant utility paths.
- Energy reduction study resulting in a cost savings of over \$1 Million annually.

### **CHICKASAW NATION DATA CENTER** – Oklahoma City, OK

New 12,000 square foot high density Data Center expansion to an existing facility.

### **CLIFTON DATA CENTER** – Clifton, NJ

Upgrade emergency generator, UPS, and mechanical systems for existing Data Center.

### **CYPRESS DATA CENTER** – Cypress, CA

Electrical distribution and UPS design for Data Center.

### **DATA CENTERS NOW**

- Manassas, VA – New 200,000 square foot specification Data Center.
- Sterling, VA – New 50,000 square foot specification Data Center.

### **DAYTON DATA CENTER** – Dayton, OH

Design of underground storage tank, fuel distribution system, and engine ventilation systems for Data Center.

### **EDS DATA CENTER COMPLEX**

- Plano, TX – Convert 2500 tons of computer room air conditioning units from water-cooled to air-cooled. Designed 24 MW backup generator within 4 existing, active Data Centers.
  - Addition of 20MW closed-transition transfer, 25,000 volt generator facility.
  - Protective device coordination of the 25kV, 13.8kV, and 480 volt electrical distribution systems.
- Detroit, MI – Reconfiguration of mainframe chilled water headers in major Data Center.

### **ETMC DATA CENTER** – Tyler, TX

New two-story 2,000 square foot Data Center. The facility's power service is backed up by a diesel engine generator and the computer loads by uninterruptible power systems in a 2N configuration and the mechanical air cooled systems in an N+1 configuration.

### **FEDERAL RESERVE BANK DATA CENTER** – Dallas, TX

Reliability study of MEP systems supporting the Federal Reserve National Data Center Network.

### **FRITO LAY DATA CENTER** – Plano, TX

New 60,000 square foot Data Center.



**HSBC DATA CENTER – Buffalo, NY**

New 35,000 square foot Data Center and 1200 ton Central Plant for HSBC Bank.

**MCI/WORLDCOM – Alpharetta, GA**

225,000 square foot Regional marketing center with 6,000 square foot Data Center.

**MOBIL OIL CORPORATION – Dallas, TX**

4.5MW Closed-Transition standby generator facility to support Mobil's Southwest Computer Center.

**NESTLE DATA CENTER – Tempe, AZ**

HVAC and electrical design for new Data Center.

**PEROT SYSTEMS DATA CENTER – Philadelphia, PA**

10,000 square foot Data Center in existing high-rise office building.

**PHILADELPHIA DATA CENTER – Philadelphia, PA**

10,000 square foot Data Center in existing high-rise office building.

**ROCHELLE PARK DATA CENTER – Rochelle Park, NJ**

Fast-track MEP design of new data center to replace center damaged during winter storm.

**EDS DATA CENTER – Sacramento, CA**

Chilled water heater design for mainframe computers in major Data Center.

**SOUTHWESTERN BELL COMMUNICATIONS VHO DATA CENTER – Dallas, TX**

3,000 square foot data center which included UPS systems, Computer Room AC units, and a high-density cooling system for 12 kW racks and above.

**SOUTHWESTERN BELL COMMUNICATIONS DATA CENTER – Dallas, TX**

\$12M Infrastructure upgrade to provide dual UPS systems, 10MW generator backup facility and automatic static transfer switches.