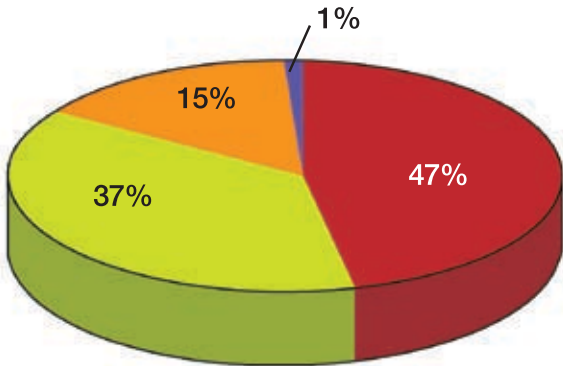


Energy Use Characterization

Typical Legacy Data Center



 IT Loads

 Power System Loads

 Cooling Loads

 Lighting Loads

The infrastructure in legacy data center usually consumes a relatively larger percentage of energy than does the infrastructure in a properly designed new data center. That's particularly true of mechanical systems. As a result, legacy infrastructure usually offers significant opportunities to cut energy costs.