Arora's electrical engineers design safe, reliable and efficient electrical systems to power everything from mission-critical systems to charging your smartphone. Arora's lighting designers work in concert with architects to provide lighting that complements the context of the space.

**Key Services**

- Overhead/underground low and medium voltage power distribution
- Emergency and standby power systems (generator & UPS)
- Lighting design and photometrics (normal/emergency/egress lighting)
- Utility and commercial substation/switchgear
- Grounding and lightning protection
- Single-line diagrams
- Load calculations
- Short circuit and coordination studies
- Power and lighting equipment selection and specifications
- Motor control centers
- Electrical equipment sizing
- Energy efficient systems
- Electrical code analysis and consulting
- Electrical system assessments and equipment evaluations
- Electrical plan review and master plan development
- Coordination with utility companies and AHJs

**Representative Clients**

- Massachusetts Bay Transportation Authority
- Boston Logan International Airport
- Reagan National Airport
- Baltimore-Washington International Airport
- Philadelphia International Airport
- Cheyney University
- Philadelphia, Streets Department
- Southeastern Pennsylvania Transportation Authority
- Port Authority of NY & New Jersey
- City of Philadelphia, Department of Public Property
- School District of Philadelphia