

Evolved Engineering

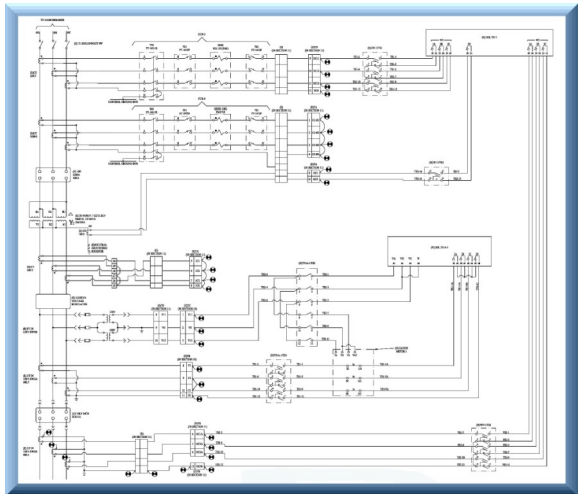
Energy Analysis

Feasibility Studies

Power Analysis

Studies

KEI Engineering's vast experience in testing, commissioning, and modifying electrical, mechanical, HVAC, and IT systems for clients' whose infrastructure must not fail. Our work in Fortune 500 data centers, world renowned hospitals, and even major stadiums speaks volumes in regards to our experience and the trust our clients afford us. KEI's highly qualified staff maximizes the availability of electrical, mechanical, HVAC, and IT systems by conducting various types of studies, including energy analysis, feasibility studies, and power studies, which includes Short Circuit and Coordination Studies with Arc Flash Hazard Analysis.



! WARNING

Arc Flash and Shock Hazard
Appropriate PPE Required

FLASH PROTECTION	SHOCK PROTECTION
Flash Hazard at: 36 inches	Shock Hazard when cover is removed: 4160 VAC
Min. Arc Rating: 1.9 cal/cm ²	Limited Approach: 60 inches
Flash Protection Boundary: 58 inches	Restricted Approach: 26 inches
Glove Class: 1	Prohibited Approach: 7 inches
Clothing Category: Category 1	
FR Shirt & Pants	

Bus: 4160V SWGR Prot: RELAY 52-G 300G

Energy Analysis

How company's use energy, generate it, and manage it has never been more important. At KEI, we perform services to maximize your systems, build cogeneration, and implement and manage systems to better understand and leverage it. KEI's energy analysis factors in the economics, condition, controllability, and compliance of existing systems; then issues reports detailing the problems and outlines potential corrective measures.

Feasibility Studies

KEI supports existing and new infrastructure by reviewing and verifying design intent. KEI works with clients to help determine infrastructure needs and limitations to accommodate planned growth. Both specifications and drawings reflect actual installation and allow for potential expansion, retrofits, and upgrades.

Short Circuit and Coordination Studies with Arc Flash Hazard Analysis

Short Circuit and Coordination Studies with Arc Flash Hazard Analysis are required by OSHA. At KEI, our team can perform these services from small to large, existing to new facilities. These efforts require deep-seated experience to ensure codes are met and your employees are safe.

Kupper Engineering is classified as a small business and is registered to do business with the federal government under NAICS/SIC 541330.

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