The 3 Pillars for Effective Critical Power Management

**AVAILABILITY**
Increase operational uptime, effectiveness, and profitability

- 75%
- Human error is the chief cause of downtime. 70-75% of outages are caused by humans in data centers.
- $260k/hr
- Average cost of downtime per hour is $260,000 across all businesses. Increase of 60% or $164,000 since 2014.

**SAFETY**
Reduce risk of occupational injuries and fatalities

- 2.8M
- 2.8 Million of non-fatal injuries and illness per year occur in U.S. private industry. Represents 2.8 cases per 100 full-time workers.
- 65%
- 166 additional fatal electrical injuries. 65% of all incidents during construction, installation, maintenance and repair.

**EFFICIENCY**
Reduce cost of ownership by offering more accessible & effective training

- The most effective form of training is Hands On training, but it comes with a significant amount of risk to operations uptime and safety.
- Ideally, multiple trainings throughout the year are required to ensure the material stays fresh and employees are prepared.
- An animated digital twin of the electrical one line with Play-Back and simulation of power equipment provides a more immersive and effective training environment.

In today’s environment, it is becoming increasingly essential to schedule and coordinate in-person training. Also, HMIs are fixed in an exact location and make it critical to connect the digital world with the real world.

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