



CPN  **POWER**

UPS Systems for Diagnostic Imaging
& Radiation Treatment Applications

CPN Power Central UPS for Diagnostic Imaging, Radiation Therapy, Hybrid OR Suites, and Operating Rooms feels like **MAGIC!**

In fact, it is good ole' **ENGINEERING**, application **KNOWLEDGE**, and **EXPERIENCE...**



UPS Systems for Diagnostic Imaging & Radiation Therapy Applications



NATIONAL ELECTRIC CODE

Diversity of load is the starting point for discussion when applying UPS Systems for Imaging applications. NEC Article 517.73 reviews Rating of Supply Conductors and Overcurrent Protection for Diagnostic Imaging and Therapeutic Equipment.

“The ampacity of supply feeders and the current rating of overcurrent protective devices supplying two or more branch circuits supplying X-Ray units shall not be less than 50% of the momentary demand rating of the largest unit plus 25% of the momentary demand rating of the next largest unit plus 10% of the momentary demand rating of each additional unit.”

This calculation does not determine UPS Sizing. But, is one factor in determining size. It also speaks to the tremendous diversity of load within Diagnostic Imaging applications.

CPN POWER KNOWLEDGE

CPN Power has been in business since 1982 specializing in power quality issues for Diagnostic Imaging and Radiation Therapy Applications. Joe Briere, our founder, operated as the National Power Consultant for several manufacturers of Imaging and Oncology Modalities.

For the past 17 years, CPN Power has focused on applying power conditioners and UPS Systems for Radiology, Cardiology, and Oncology Modalities.

CPN Power continues to perform power studies on individual modalities and Multi-Modality and Multi-Vendor Installations to assure that we are aware of base loading, peak momentary loading and overall loading with 2, 5, 10, 15, or even 25 suites on one Central UPS System. Knowledge is Power!

CPN POWER EXPERIENCE

CPN Power is recognized as the national leader in the application of CENTRAL UPS for Imaging Applications.

With over 500+ Central UPS installations nationally, CPN Power is the marketplace leader.

CPN Power not only applies and provides UPS for Imaging, but we also perform power quality studies and commission most systems with load banks, PQ meters, and infrared cameras to assure that the systems are properly installed and working up to our expectations.

All UPS Systems are not created equal. Applying the right UPS System for Imaging applications assures a high level of performance for many years. Understanding market direction and changes in base and demand loading assures that we are applying the right system for the long run.

Engineering, Knowledge, and Experience are key factors when choosing a business partner for the application of UPS Systems for Imaging. CPN Power is the right choice!

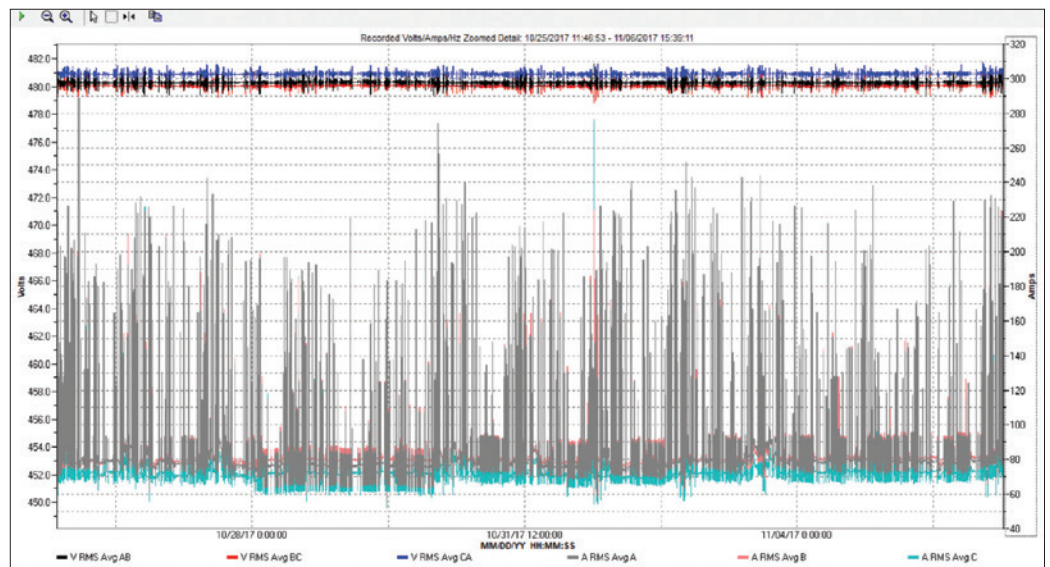
CENTRAL UPS VALUE

- Lower Initial UPS Purchase Price
- Reduced Operational Costs
- Lower Long-Term Maintenance Costs
- Less Floor Space Required
- Reduced Battery Replacement Costs (when applying batteries)
- Fewer Imaging Modality Service Calls
- Improved Patient Scheduling
- Increased Revenue
- The Lowest Total Cost of Ownership



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cpnpower.com
800-491-1210



LOAD PROFILE DATA

CPN Power has collected tons of data over the past 17 years to assure that we understand how to properly apply Central UPS Systems for Diagnostic Imaging Applications. We know imaging load profiles better than anyone.