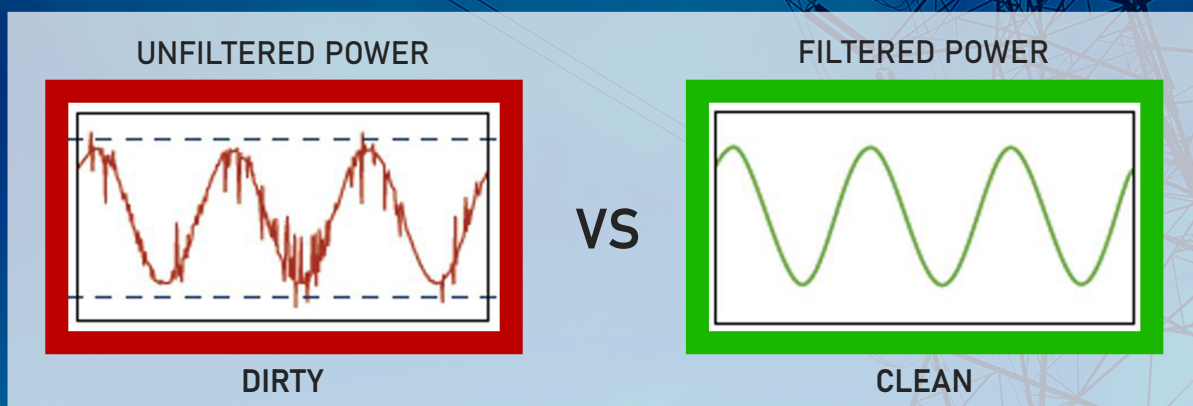


A Division of O&M Resources, Inc.

**ALL FACILITIES HAVE POWER QUALITY ISSUES !**



**WHAT DOES YOUR ELECTRICAL SYSTEM LOOK LIKE?**

[www.FilterMyPower.com](http://www.FilterMyPower.com)



Filter My Power



13201 NW Freeway, Suite 800  
Houston, TX 77040



800-736-5449

## What Causes Bad or “Dirty Power”?

- Utility Switching
- LED Lights and other non-linear loads
- High-Current Arc Welders
- Variable Frequency Drives
- Motor sequencing
- Equipment cycling on & off
- Lightning or spikes/surges
- Harmonic distortion
- High Frequency noise
- Voltage fluctuation
- Current imbalance

## Why Do You Need “CLEAN” Power Quality?

Today's high-tech business facilities require dependable and clean electrical energy, now more than ever. Electrical systems have been designed the same way for over 100 years. Over this time, sensitive electronics, designed to be more powerful and efficient, require clean power to provide the best performance. Any small electrical disturbances (electrical noise, micro-surges, harmonics) will affect the performance and life of electronic equipment. Typically, these disturbances go unnoticed and replacing equipment early becomes “routine maintenance”. Over 85% of the disturbances in a facility are generated from electrical equipment inside the building which share the same distribution system. The other 15% would be from external sources, such as lightning strikes or utility switching.

Filters are designed for Water, Air, Oil and other media for increased performance and extended life. Your electrical system also needs filtration to remove damaging “Dirty” power, which continuously degrades the life of your electronics and other equipment. For long-life performance of electrical equipment, it is imperative to protect and filter your electrical distribution system.

## What Are Results of Electrical Filtration?

- Protection from Lightning / Surges
- Reduction in energy losses
- Lower maintenance costs
- Electrical equipment protection
- Lower electricity bills (Up to 15%)
- Extended life of motors and electronics
- Minimized Downtime = Increased Production
- Increased Revenue
- Increased MTBF (Mean Time Between Failures)
- Reduction in GHG emissions

*Saving You “Watts” of Money!*







## How Do I Know If I Have Bad or “Dirty Power”?

- Random Circuit Breaker Tripping
- Unknown Computer Crash or Lockup
- Electrical Equipment Runs Erratically
- Electrical Components Fail Prematurely
- Motors Fail Regularly or Unexpectedly
- Data Corruption or Transmission contains Errors
- LED Lights blinking
- UPS Alarms
- Brownouts
- Unnecessary shutdowns
- Components over heating
- VFD failures and malfunctions

## I Believe I Have Some Issues, What Is the Process for Correction?

There are varying degrees of power quality issues. First, we must determine the quality of power at your facility and establish a baseline for correction. We can then recommend actions to correct the issues and implement the necessary electrical filtration. Through the utilization of microprocessor-based data recording, FMP can help you locate and determine your power quality issues. We will then work with you and your staff to provide filtration that will optimize your electrical environment and help protect your facility against poor power quality, lightning & surge events and other electrical issues and unexpected interruptions, thus keeping your operations and equipment running smoothly and efficiently.

### Steps to Solutions:

-  **Site Analysis**  
Define Power Quality Problem  
Type of Equipment Failing or Malfunctioning, Timestamp of Occurrence / Specific-Random
-  **Power Quality Monitoring**  
Record Data at Predetermined Locations with high-performance meters & equipment
-  **Assessment of Data**  
Analyze collected data
-  **Implement the Solution**  
Utilize filtration design to optimize power quality in your facility  
Filtration solution is backed by a fully 10-year warranty

*Saving You “Watts” of Money!*

## Who We Are:

Filter My Power (FMP), a division of O&M Resources, Inc. has been assisting customers with power quality consulting services and solutions since 2010. We keep facilities and equipment running as efficiently as possible, while simultaneously, optimizing your electrical distribution system. FMP's patented and proprietary filtration solutions will ensure a clean and healthy electrical system, providing optimal equipment performance in any type of facility.

Filter My Power has one goal in mind. We are here to help Save You "WATTS" of Money!™

## Additional FMP Services:

Arc Flash Compliance, Infrared Thermography, Facility Audits, Energy Bill Audits, Energy Procurement



### Contact Us

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