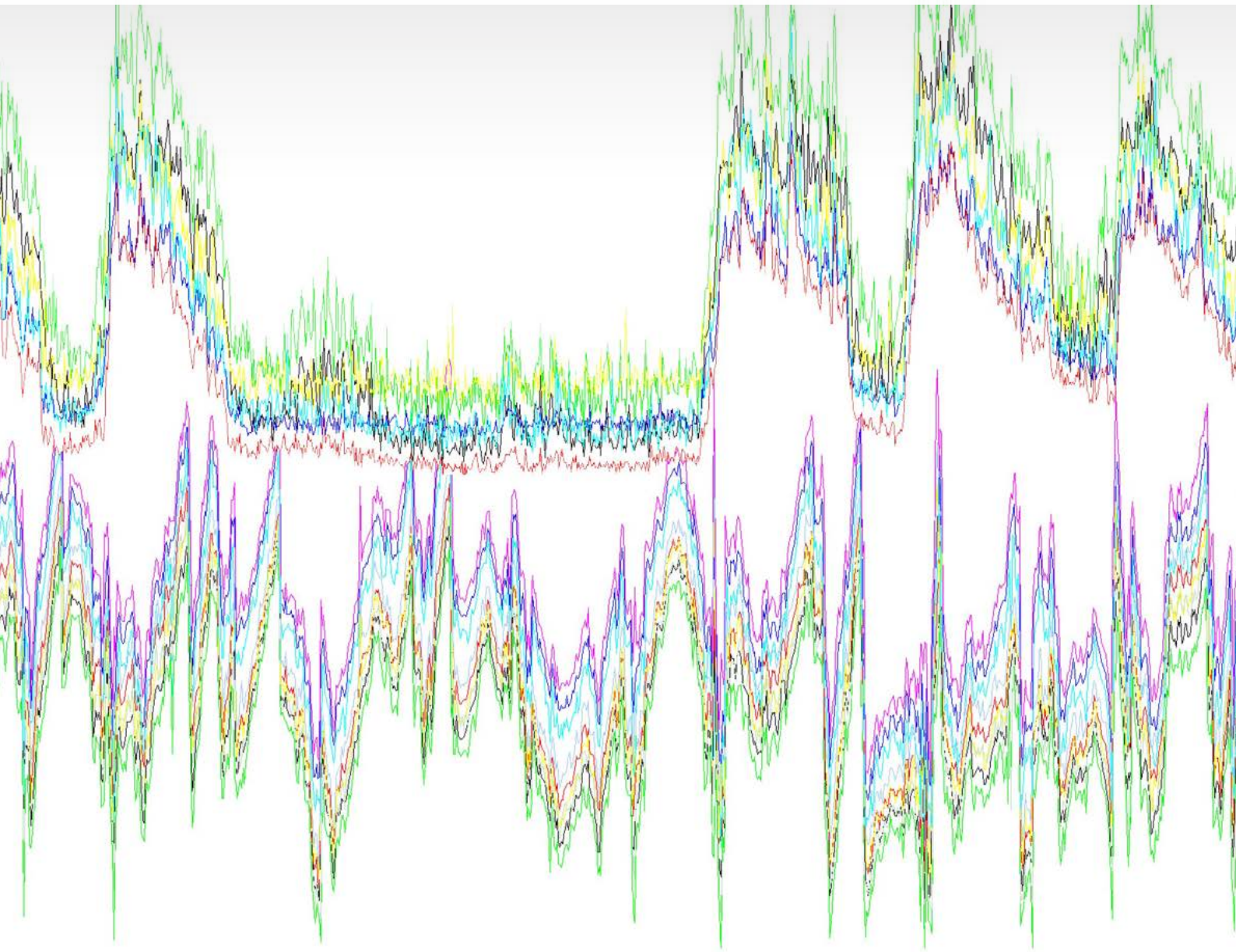
MAINTENANCE BROCHURE

Power Quality Analysis



H&MV ENGINEERING

POWER QUALITY ANALYSIS

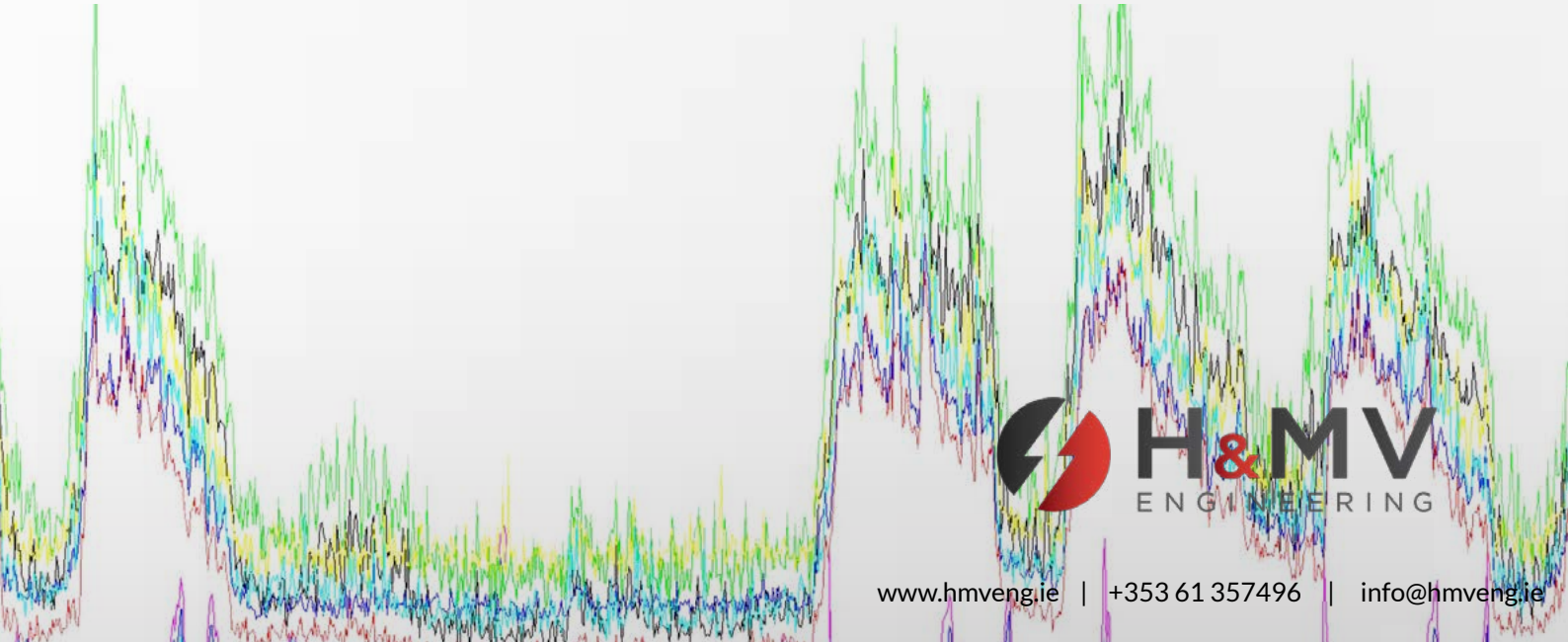
H&MV Engineering offer power quality monitoring and analysis services. Much of the electrical equipment in an industrial facility requires high-quality electricity; it will not tolerate sags, swells, transients, or harmonics, and it certainly will not tolerate power outages, no matter how short-lived. It is very important for maintenance and reliability managers to understand the power quality susceptibilities within their facilities.

Disturbances can interrupt production lines, cause damage to products and equipment, result in lost orders or transactions, corrupt data communication and storage, and cause an overall decrease in productivity.

Power monitoring can address these issues in a number of ways:

- Evaluation of incoming electric supply and distribution throughout the facility to determine if power quality disturbances or variations are impacting, or have the potential to impact, facility operations and/or manufacturing processes
- Identification of power quality trends to provide a baseline for establishing predictive maintenance activities and avoiding interruptions of critical business activities
- Optimization of power mitigation equipment using reliability- or condition-based monitoring approach. Power parameters can be correlated with process performance and output to locate production defects caused by poor power quality.
- Reduction of energy expenses.
- Assessment of energy and electricity issues related to capital investments and new equipment.

Contact us today to discuss this and our other services.



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