

# Harmonic Hunter — Power Quality Risk Report

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Analysis Mode: Trend Risk Mode (Log Cadence)

# 37/100

## Monitor

### Executive verdict

Early warning indicators detected. Continued monitoring recommended to prevent escalation during peak demand or future expansion.

### Key observations

- Phase A: High variability → harmonic risk signature

### Why you're seeing this result

- Observed current behavior reflects non-linear electrical loading patterns.
- Phase-level variability suggests uneven load distribution across monitored circuits.

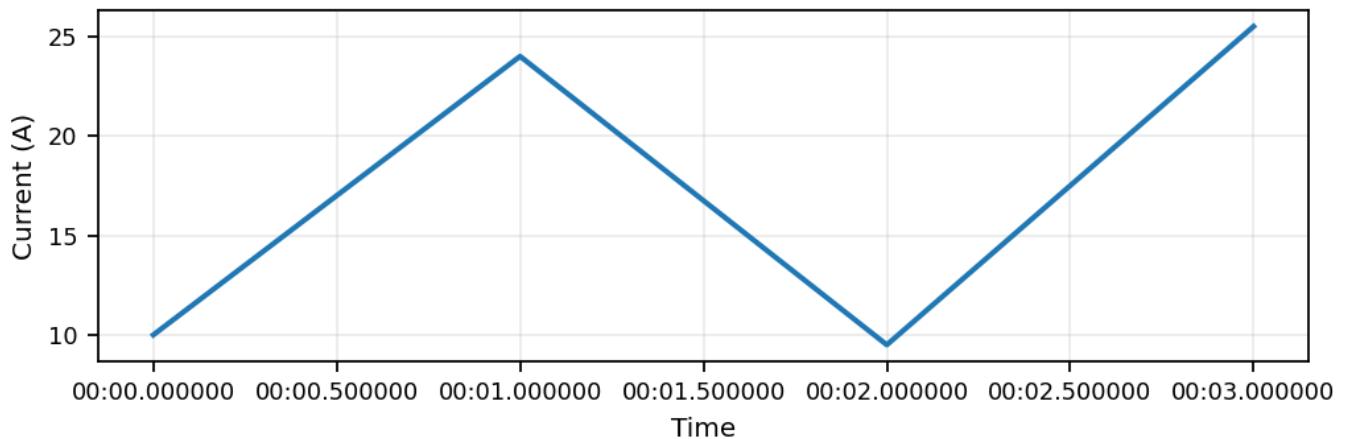
### Recommended next steps

- Priority: Current variability indicates pulsed load behavior; schedule a power quality capture (true waveform) during peak load.
- No urgent mitigation required based on trend indicators; continue periodic monitoring.

## Charts

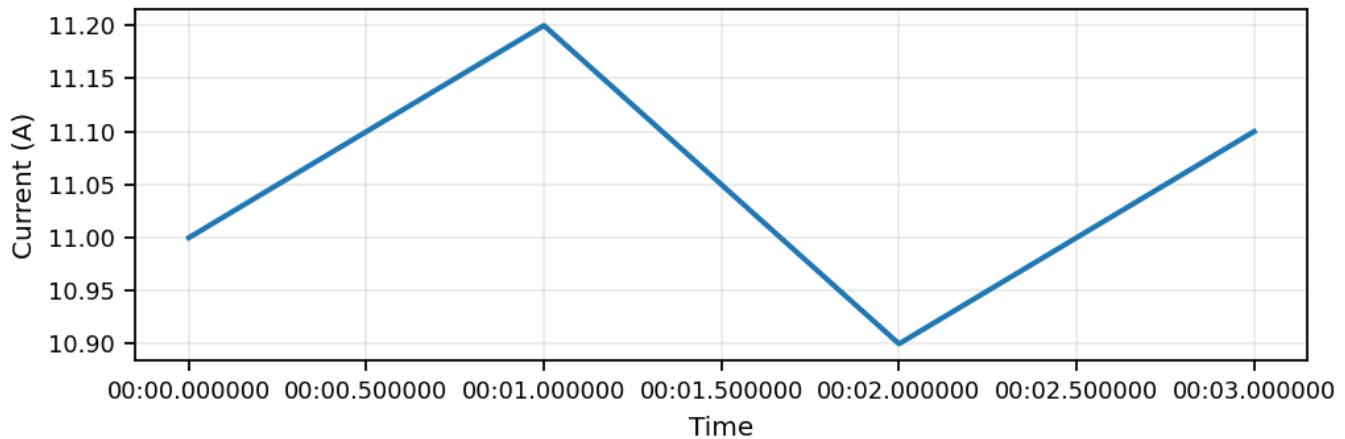
### timeseries phase A

Phase A — Current vs Time



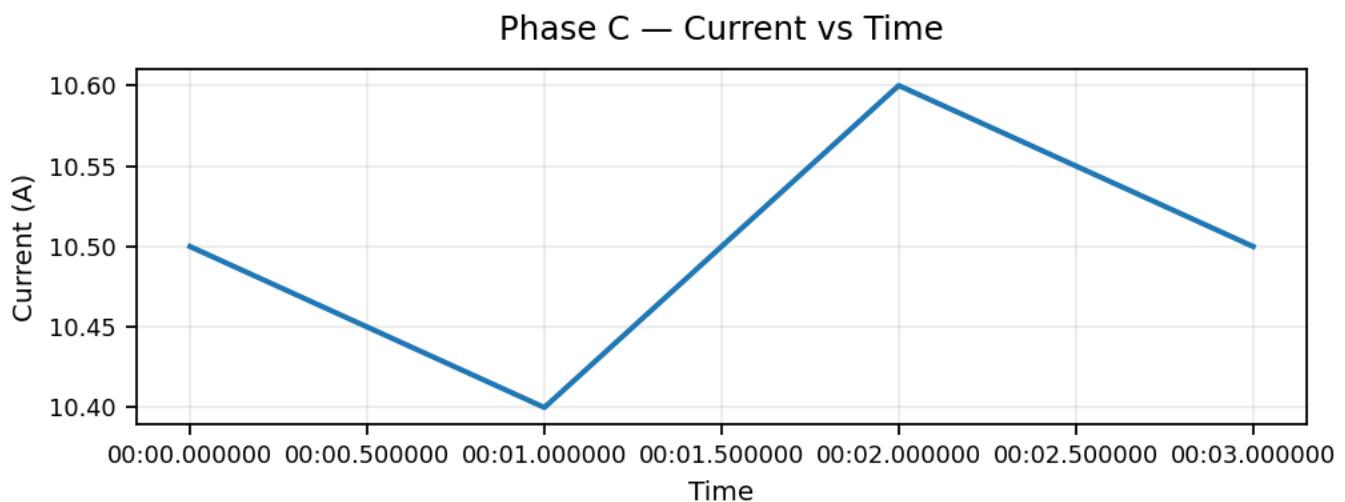
### timeseries phase B

Phase B — Current vs Time



## Charts

### timeseries phase C



## Detailed Technical Findings

- Facility risk score: 37/100 (Monitor)
- Estimated sampling rate: ~0.00 Hz
- Analysis mode: Trend Risk Mode (Log Cadence)
- Phase A: Risk 60/100 (Monitor) | Crest 1.36 | Variability 43.6%
- Phase B: Risk 25/100 (Safe) | Crest 1.01 | Variability 1.0%
- Phase C: Risk 25/100 (Safe) | Crest 1.01 | Variability 0.7%
- Phase A: Current variability is critical (43.6%). Strong non-linear/pulsed load signature; harmonic risk elevated.