

Powerflow Energy Solutions

“Turning hidden electrical losses into measurable energy savings” - Tesla would approve...

GROUP 16



| Our Team



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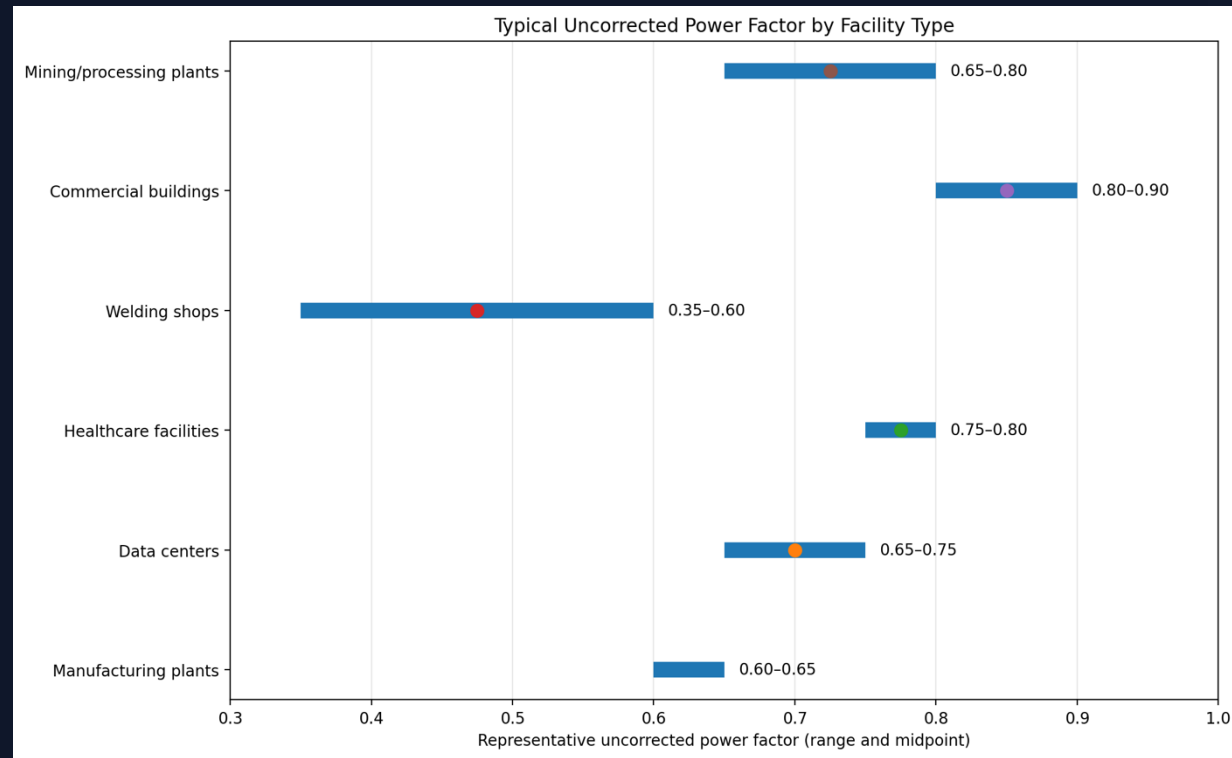
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What's Our Focus?



Low Power Factor Facilities

What Services Do We Offer?

FLEXIBLE CONTRACTS

Choose the model that fits you

From direct purchase to fully shared-savings — we adapt to your financial constraints and risk appetite.

AVAILABLE

Direct Sale

Client purchases equipment and installation upfront. Full ownership from day one.

- ✓ No ongoing fees
- ✗ High initial investment

AVAILABLE

Renting / Subscription

PowerFlow owns the equipment. Client pays a predictable fixed monthly fee.

- ✓ Zero upfront capital
- ✗ Higher long-term cost

★ RECOMMENDED

Hybrid Model

Fixed monitoring fee + 20% share of generated savings. Balanced risk for both parties.

- ✓ Low barrier, aligned incentives
- ✓ Transparent monthly proof

AVAILABLE

Shared Savings

Client pays only a percentage of actual savings generated. Requires strict measurement protocols.

- ✓ No savings = no payment
- ✗ Requires meter audit

The Monitoring Service We Provide



Why Us?

Active & Reactive Energy - Daily Cumulative

Today vs. last week - kWh / kVArh



CAPACITOR BANK - STATE OF HEALTH

Global SoH Index

Weighted health score - 80 kVAr bank

GOOD



CAPACITANCE
96%

ESR DRIFT
+18%

Health Metrics Breakdown

Individual indicators - last measurement

Capacitance (C actual)	76.8 kVAr
Nominal rating	80.0 kVAr
Capacitance retention	96.0%
ESR (Equiv. Series Resistance)	0.42 Ω
ESR at installation	0.36 Ω
Ripple current (rms)	112 A

SoH Evolution & Forecast

Monthly tracking since installation



Thank You For Your Attention

Please Contact Us 😊

