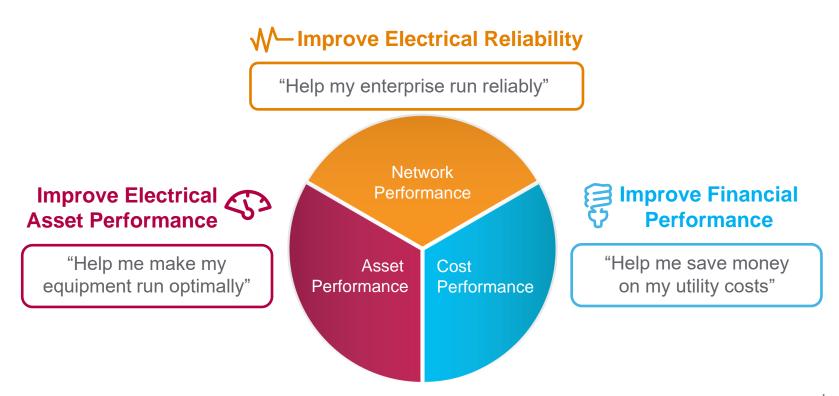




Our Customers Voice



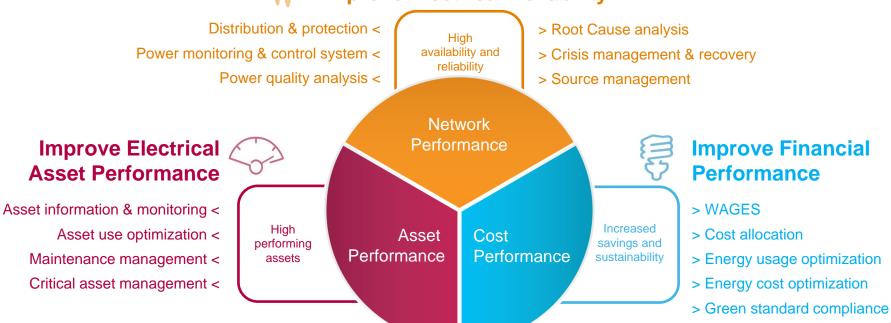
Power Solutions

Our Value Proposition

Our customers face major challenges with their Power needs

- Regulatory Compliance
- Unpredictable Power Outages
- Access to Information
- Energy Cost Volatility















EM3500









ION7400

Simple energy and power measurement

 Sub metering for cost allocation and analysis

Multi-Circuit

- Compact power measurement with revenuegrade accuracy*
- Sub metering for multi-user environments

Basic

- High-end cost management, simple network management
- Sub metering and feeders

Intermediate

- Network management and power quality
- Critical loads

Advanced / Utility

- Advanced Power Quality event detection
- Feeders, mains and critical loads



Applications: Small/medium buildings



Energy cost management Bill verification (energy)



Strategic loads

Asset management (availability) PM5X00

Network performance



1 10000

Masterpact MTZ + µL >



Applications: Large buildings

MV incomer





Network performance (harmonics, SER, waveform capture, logging, trending)

Power quality compliance





Network performance (Harmonics, logging, PM5x00 trending ...)







Energy cost management (Billing, sub-billing)



Standard loads

Energy cost management









Masterpact $MTZ + \mu L X$

Strategic loads

Asset management (availability)

Network performance





PM8000

Masterpact $MTZ + \mu L X$





EM4x00

Applications: Data centers

MV incomer





Network performance (harmonics, SER, waveform capture, logging, trending)

Bill verification

Power quality compliance

HVAC, lighting, office







Energy cost mgt.

PM5x00



Network performance (Harmonics, SER, waveform capture, logging, trending ...)





PM5x00







Network performance (Harmonics, SER, waveform capture, logging, trending ...)

00 PM5X00

Applications: Industry

MV incomer





Network performance (harmonics, SER, waveform capture, logging, trending) Bill verification Power quality compliance



HVAC, lighting, office PM5x00





EM4300

EM4200

Genset



Network performance (Harmonics, SER, waveform capture, logging, trending ...)

Critical loads







PM8000 PM5X00

Network performance (Harmonics, SER, waveform capture, logging, trending ...)

Applications: Healthcare

Indicates embedded metering

Indicates stand-alone metering

MV incomer





Network performance (harmonics, SER, waveform capture, logging, trending)

Bill verification

Power quality compliance



Genset

Network performance (Harmonics, SER, waveform capture, logging, trending ...)

HVAC, lighting, office



Critical loads (operating theatre, intensive care)



Network performance (Harmonics, SER, waveform capture, logging, trending ...)





M8000

PM5X00

Energy Cost Management

Segments

- Commercial buildings (multi-tenant)
- Residential buildings (multi-unit)
- Industrial facilities
- Data centers
- Infrastructure projects (telecommunications)



Metering Needs:

- ✓ Low Total Cost of Ownership
- ✓ Multiple Form Factors & Easy Installation
- Multi-Protocol (Modbus, BMS, Serial/IP)
- Energy Accuracy 0.5S/0.2S (IEC61052/53)
- **✓** Regulatory Compliance (RMICAN)
- Multi-tariff & Time of Use
- **✓** IEC61557-12 compliance
- ✓ Onboard Energy Logging



Network Management

Segments

- Industrial facilities
- Data centers
- Infrastructure projects (telecommunications)





Metering Needs:









Transient Detection, Waveform Capture, Power Quality Compliance Reporting

Power Quality Monitoring (Harmonics, Sag/Swell, Unbalances, Flicker, Transients, SOE)

Compliance to Standards (IEC61000-4-30, EN50160, IEC62586, IEEE 519)

Programmable Logic, Alarming & Control

✓ Multi-Protocol & Multi-Port (Modbus, DNP,

Multi-Channel Load Profiling Schneider

2016 Canada Offer Roadmap



EM4200 Series (Enercept)

- · Complete refresh of Enercept platform
- · Expanded protocols
- More CT flexibility



PM5000* BMS

- Firmware evolution of Ethernet PM53xx & PM55xx
- Addition of BACnet/IP



EM4300 Series Wireless

- · New wireless range for retrofit of existing buildings.
- · Transmits data to Com'X



Com'X 510 (EBX510)

- · Entry Level Energy Management
- Logging for non-logging devices



ION7400 Utility Feeder Meter

- Lower cost complement to 8650 feeder monitoring
- Based on PM8000



Link 150 (EGX150)

- Simple cost effective serial to Ethernet Gateway
- · Updated replacement for EGX100/TSXETG100





Questions?

