1. **What is the MPTS® Technology?**

Maximum Power Transfer Solutions (MPTS) are *next-generation-power* products that reduce total electrical power demand (KVA) and carbon footprint without replacing existing (or inefficient) electrical and mechanical equipment in buildings. MPTS is patented in 28 countries.

1. **What is Amici Enterprises, LLC?**

Amici Enterprises LLC is a sales and marketing organization that uses its deep experience in technology, manufacturing and distribution to market products that assist commercial enterprises and government organizations in their efforts to reduce energy-related expense. Amici Enterprises is the sales and marketing entity of TransPower Company, Corp.

1. **What is TransPower Company Corp.?**

TransPower Company was created to develop and manufacture innovative technologies and products that enable commercial and industrial enterprises worldwide to significantly reduce energy consumption and minimize their carbon footprint. TransPower created the MPTS technology.

1. **How does the MPTS Technology reduce energy consumption?**

Functionally, MPTS precisely senses the supply input and demand output, matches the electrical impedance parameters, adjusts the resonance of the resulting network loop, synchronizes and optimizes the output. This process occurs at very high speeds in the MPTS device thereby eliminating virtually all the wasted electrical power in the system.

1. **Why Is MPTS Important and What are the benefits of using MPTS Technology?**

The benefits of using MPTS Technology include:

1. Creates cool, clean, conditioned power, which decreases electrical consumption by 20% to 40%.
2. Extends the useful life of connected inductive equipment up to 20% thereby improving reliability, extending MTBF and reduces the need to repair or replace equipment;
3. Reduces service, repair and maintenance costs by up to 25% for inductive loads
4. Saves money on utility bills based on utility tariffs
5. Makes a significant contribution to the reduction of a company’s carbon footprint
6. Improves any value of low power factor to 95%, or more
7. Decreases electric current consumption measured in Amperes
8. Reduces KVA (simply, 1,000 volt amps), kVAh (kiloVoltAmphours - the measure of energy: power times a unit of time. It is the standard power measurement used by electric power service/utility companies, kVAr (kilo volts amps reactive), and kVARh (kiloVolt Amps Reactive Hours).
9. **Why should commercial enterprises and government organizations use MPTS Technology?**

Commercial and government enterprises should use MPTS Technology to:

1. Reduce total electrical power costs by up to 40%;
2. Reduce maintenance, repairs and replacement costs of existing electrical equipment;
3. Improve environmental sustainability by reducing CO2 emissions
4. **Who are the primary users of MPTS Technology?**
5. Commercial Office Buildings
6. Hospitals and Clinics
7. Data Centers
8. Industrial Plants and Factoring – Manufacturing
9. Warehouses and Distribution Centers
10. Retail Outlets and Shopping Centers
11. Water Filtration Plants and Pumping stations
12. Schools
13. Government Facilities
14. Military Facilities
15. **What are the ideal MPTS applications**
16. HVAC: Chillers, AHUs (air handling units),
17. RTUs (remote terminal units), Pumps, Fans, and VFDs (variable frequency drives);
18. Refrigeration – Freezers, Compressor Racks, Cold Storage
19. Factories – Manufacturing Equipment
20. Escalators, Elevators, and Conveyor Belts
21. 24-hour or High Electrical Energy Consumption Panels or Loads
22. Data Centers – Air Conditioning and Clean Power Requirements
23. Water Filtration Plants – Pumps and Motors
24. **Who are current customers of the MPTS?**

There are more than 75 MPTS installations using one or more MPTS units, including:

1. Kaiser Permanente Hospital
2. Underwriters Laboratory (UL)
3. Aurora Mental Health Centers
4. Fitzsimons Bio Science Research Center
5. United States Government, GSA – Federal Center and Courthouse Denver
6. United States Air Force: Peterson AFB and NORAD at Cheyenne Mountain
7. **Are there MPTS competitors?**

There are no known competitive technologies that perform all of the functions provided by MPTS technology. There are other independent solutions that each perform a portion of the MPTS functions.