



**Pennsylvania  
Recycling Markets Center**  
The Keystone of Recycling Markets Development

# Save money. Manage risk.

**Schedule an RMC Energy Evaluation for your business!**

## Applications

- Lighting Systems
- Material Handling Systems
- Motors, Belts and Drives
- Hydraulic Systems
- Fans and Pumps
- Molding or Extrusion
- Compressed Air Systems
- Electric Distribution



*Photo courtesy of Michael Schultz Photography*

## Why a Thermographic Evaluation?

Using thermographic imagery, RMC experts can detect excess heat in critical equipment as well as excessive electrical loads used by equipment components.

## Save money? Manage risk?

The RMC team can identify potential equipment failures by recognizing unusually high temperatures. Avoidance of malfunctions reduces expensive and preventable downtime such as fire and injury.

## How is this done?

- Initial thermographic images of equipment are captured and documented by industry certified RMC personnel.
- Images are compared to equipment manufacturer's specifications and a baseline established.
- Subsequent images are taken at scheduled intervals and compared to the baselines.

**A predictive maintenance schedule, which includes Thermographic Evaluations performed by RMC Certified Experts, can identify points of failure and help...**

**Save money.  
Manage risk.**



**IDENTIFIED  
REPAIRED**

*HOT PHASE IN 3-PHASE  
MATERIAL RECOVERY FACILITY (MRF)  
OPTICAL SORTER POWER.  
PREVENTED COSTLY DOWNTIME.*



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Experts helping industry decision makers, the Pennsylvania Recycling Markets Center (RMC) is a non-profit corporation with mission to expand and develop markets for recycled materials. Beginning at the demand-side of recycling markets, services include one-on-one materials management technical assistance and business growth consultancy; industry outreach and programming; applied research; and service as an enterprise portal to recycling markets development information.

RMC strategically collaborates with many environmental, economic development, and technical assistance organizations – reducing barriers and fast-tracking time to market for processes or products that use Pennsylvania's recycled materials. RMC is headquartered at Penn State Harrisburg, with satellite offices near Pittsburgh and Philadelphia. The Pennsylvania Recycling Markets Center is funded in part by the Pennsylvania Department of Environmental Protection.