



Saving Energy and Reducing Emissions Worldwide



CASE STUDY NO. 04

IMPROVED THROUGHPUT ON LESS GAS



Patented Radiant Tube Insert (RTI)



Tuning & Troubleshooting



Monitoring & Alerting

HOW WE HELPED GALV-ANNEAL LINE INCREASE PRODUCTION BY 6.7% ON 7.5% LESS GAS

01 APPLICATION

- Cold rolled strip Galv-Anneal line
- 114 recuperated W-Tubes in eight zones

02 PROBLEM

- Limited production throughput

03 OBJECTIVE

- Increase production throughput by at least 6%

04 SOLUTION

- PSNERGY installed RTI's in 43 of 114 operating tubes
- PSNERGY balanced and tuned all 114 operating tubes

05 RESULT

- Production increase of 6.7% achieved with installing only 38% of the tubes
- Gas savings of 7.5% on RTI equipped tubes
- Rollout of PSNERGY RTI across all remaining tubes



**LET'S
TALK**

**814.504.2326 or
Team@PSENERGY.com**

COMBUSTION SYSTEM EXPERTISE

- *Tuning & Troubleshooting*
- *Radiant Tube Inserts (RTI)*
- *Training*
- *Monitoring & Alerting*
- *Consulting*

OUR MISSION

PSENERGY's team of engineers works hard to increase our customer's global competitiveness by increasing productivity and reducing emissions with affordable, highly technical product and service solutions. Our customer centric, data driven approach establishes long-term partnerships with our customers on their way to realizing improved bottom line performance.

Want to learn more about how PSENERGY can increase your output? Our friendly and knowledgeable team of combustion system experts are standing by—call today!



PSENERGY, LLC

152 West 12th Street • Erie, PA 16501

814.504.2326 • www.PSENERGY.com