



Saving Energy and Reducing Emissions Worldwide



CASE STUDY NO. 03

INCREASED PRODUCTION BY 11%



Patented Radiant Tube Insert (RTI)



Combustion Consulting



Monitoring & Alerting

HOW WE HELPED AN ALUMINUM MANUFACTURER INCREASE PRODUCTION BY 11%

01

APPLICATION

- Aluminum ingot soaking pit
- 26 non-recuperated U-Tubes in two zones

02

PROBLEM

- Limited throughput with existing capacity

03

OBJECTIVE

- Increase production throughput by at least 10%

04

SOLUTION

- PSNERGY installed RTI's in all 26 tubes
- PSNERGY provided monitoring and analytics

05

RESULT

- 11.7% increase in throughput
- 2.5 hour reduction in cycle time with process changes

**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