

Advanced Thermal Performance Training

May 21-23, 2024

Montrose, Colorado (In-person only)

OVERVIEW

The Advanced Thermal Performance training course is designed for those who have had a basic thermal performance course or one year or more experience in thermal performance. This training was developed by utility engineers who have solved many plant thermal performance problems and are uniquely qualified to help you understand how to deal with efficiency issues at your plant. Please forward this invitation to persons at your site responsible for Thermal Performance. In addition, this training has been presented to system engineers who have benefited from the overall troubleshooting skills developed.

COURSE CONTENT

- **Setting Baseline Values:** Thermal performance monitoring program starts with establishing and verifying baseline values for important performance parameters. Baseline values need revision after plant updates or other modifications. This course will describe and provide hands-on examples of how to determine baseline values.
- **Development of Correction Curves:** in addition to baseline values, correction curves are required to determine the effect of the plant parameters deviating from the baseline values. This course will describe how to develop correction curves using thermodynamic modeling as well as empirical data.
- **How to Troubleshoot Thermal Performance Problems:** This course will provide examples of actual plant problems, and the students will use the troubleshooting process to identify the problem.

SCHEDULE AT A GLANCE – May 21-23, 2024 (MST)

Tuesday	8:00 am - 4:30 pm	Troubleshooting Examples – Session #1
Wednesday	8:00 am - 4:30 pm	Troubleshooting Examples – Session #2
Thursday	8:00 am - 4:30 pm	Troubleshooting Examples – Session #3

All times are Mountain Standard Time

CONTINUING EDUCATION UNITS (CEU)

Each attendee will receive a Certificate of Completion for 2.1 Continuing Education Units (CEU) credits to qualify for 21 Professional Development Hours (PDH) needed to fulfill Professional Engineers' continuing education requirements. The credits will be awarded without authorization. It is the attendee's responsibility to keep and present the certificate to any organization that requires the certificate.

FEE: \$2,695

*Lunches and beverage service will be provided.

** Please bring a Laptop with Excel installed, Calculator, Heat Balance Diagram and/or Thermal Kit of your Plant

TRAINING LOCATION

Holiday Inn Express
1391 S. Townsend Ave.
Montrose, CO 81401
(970) 240-1800

ACCOMMODATION SUGGESTIONS

Holiday Inn Express
1391 S. Townsend Ave.
Montrose, CO 81401
(970) 240-1800

The Bridges Golf & Country Club
2500 Bridges Drive
Montrose, CO 81401
970-252-1119 (rooms are limited)

Hampton Inn
1980 North Townsend
Montrose CO 81401
970-252-3300

ABOUT THE INSTRUCTORS

Frank Todd | frank.todd@gses.com | 970.964.2753

Frank serves as Chief Technical Consultant at GSE Engineering. Frank is highly skilled in the use of analytical tools designed to evaluate thermal performance and improve plant efficiency and reliability. These tools include a variety of approaches using computer-based plant modeling with strong emphasis on problem analysis and resolution. Additionally, Frank has developed a wide spectrum of test specifications, procedures, and testing configurations in support of thermal performance improvements.

Greg Kanuckel | greg.kanuckel@gses.com | 970.964.2743

Greg serves as the Manager of Thermal Performance at GSE Engineering. Greg has extensive experience in evaluating thermal performance for nuclear plants, including performance testing, cycle and component analysis, instrument error identification, and advanced software modeling including Data Validation and Reconciliation (DVR).

QUESTIONS - Contact Derek Horn at derek.horn@gses.com.

REGISTRATION FORM

Advanced Thermal Performance Training

May 21-23, 2024

REGISTRATION DEADLINE – April 26, 2024

To Register: www.gses.com/training-registration/

Or E-mail Form to: derek.horn@gses.com

Questions: 970.822.9213

Payments must be received before the training.

Send payment Information to:

jacob.hebbel@gses.com or call 970-964-2761

Or mail checks to:

GSE Performance Systems (Attn: Training Group)
 6940 Columbia Gateway Dr., Suite 470
 Columbia, MD 21046

Name:	
Job Title:	
Company and Plant:	
Telephone:	
Email:	
Payment Information	
Check one form of payment:	<input type="checkbox"/> CREDIT CARD <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> American Express <input type="checkbox"/> CHECK # _____ <input type="checkbox"/> Other
Card #	
Exp. Date:	
Cardholder Name:	
Credit Card Billing Address:	
Signature:	
Cardholder's Email Address/Phone Number:	
<ul style="list-style-type: none"> • Remittance of payment is due one week prior to the first day of training. • Receipt for payment will be emailed to you as your confirmation. • If your company or another party will be compensating GSE Solutions for your registration fee via check or credit card, please include a contact name, number and email address of the person responsible. • All information shall remain confidential. 	
If you have any questions about registering, please email derek.horn@gses.com .	