



2025 Performance Knowledge™ Series

EtaPRO® offers integrated power plant monitoring and training to increase overall performance.

Professional Engineers Continuing Education

Individuals are strongly encouraged to check with their specific regulatory boards to confirm that PDHs issued for courses taken from EtaPRO® as a PIE Authorized Provider, will be accepted by that entity.

Instructors

EtaPRO® instructors bring industry knowledge and hands-on experience to the classroom. They understand the problems that you may encounter and the environment you work in.

2025 Courses and Dates

Advanced Performance Analysis and Troubleshooting for Conventional Rankine Cycle Power Plants

March 11-14

September 23-26

Advanced Performance Analysis and Troubleshooting for Combined Cycle Power Plants

March 18-21

September 30-October 3

EtaPRO®

Advanced Performance Analysis and Troubleshooting for Conventional Rankine Cycle Power Plants

March 11-14, 2025

September 23-26, 2025

Course Description

This 3½-day course is focused on improving the availability, reliability, capacity, and efficiency of the conventional Rankine cycle power plant. It teaches attendees how to diagnose root causes of Rankine power plant performance deficiencies using a case study-based approach. Diagnostic flowcharts are provided and used interactively for the solutions to the case studies.

Prerequisites

Basic familiarity with equipment performance test methods and power plant thermodynamics.

Course Content

- Boilers and Air Heaters
- Steam Turbines
- Condensers and Auxiliaries
- Feedwater Heaters
- Pumps

Course Objectives

At the end of this course, students should be able to:

- Troubleshoot capacity and efficiency shortfalls of all major power plant components
- Identify where thermal losses are occurring
- Determine if problems are due to equipment or operational issues
- Act to effectively improve heat rate
- Monitor improvements and continually reassess strategies for optimum performance

Who Should Attend

This course is designed for experienced power plant personnel who are knowledgeable in power plant components/systems.

Course Materials

A pdf copy of the textbook *Advanced Performance Analysis and Troubleshooting for Conventional Rankine Cycle Power Plants* with troubleshooting flowcharts and a personal copy of the latest version of the GPSteam™ Properties Calculator are provided.

Reserve your space today!

Email: EtaPRO-Training@etapro.com

Phone: +1.716.799.1080

Advanced Performance Analysis and Troubleshooting for Combined Cycle Power Plants

March 18-21, 2025

September 30-October 3, 2025

Course Description

This 3½-day course is focused on improving the availability, reliability, capacity, and efficiency of the combined cycle power plant. It teaches attendees how to diagnose root causes of combined cycle power plant performance deficiencies using a case study-based approach. Diagnostic flowcharts are provided and used interactively for the solutions to the case studies.

Prerequisites

Basic familiarity with equipment performance test methods and power plant thermodynamics.

Course Content

- Introduction and Overview
- Gas Turbines
- Heat Recovery Steam Generators
- Steam Turbines
- Condensers and Auxiliaries
- Pumps

Course Objectives

At the end of this course, students should be able to:

- Troubleshoot capacity and efficiency shortfalls of all major power plant components
- Identify where thermal losses are occurring
- Determine if problems are due to equipment or operational issues
- Act to effectively improve heat rate
- Monitor improvements and continually reassess strategies for optimum performance

Who Should Attend

This course is designed for experienced power plant personnel who are knowledgeable in power plant components/systems.

Course Materials

A pdf copy of the textbook *Advanced Performance Analysis and Troubleshooting for Combined Cycle Power Plants* with troubleshooting flowcharts and a personal copy of the latest version of the GPSteam™ Properties Calculator are provided.

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2025 Performance Knowledge™ Series

APA for Conventional Rankine Cycle Power Plants

Mar 11-14
Sep 23-26

APA for Combined Cycle Power Plants

Mar 18-21
Sep 30-Oct 3

2 Easy Ways to Register

Email: EtaPRO-Training@etapro.com

Phone: +1.716.799.1080

Location

Courses are held in-person at the EtaPRO LLC office in Amherst, NY USA during EST business hours. Class size is limited to 10 seats. We may ask you to select a second option if the desired class date is already full.

Registration & Fee

Advanced Performance Analysis and Troubleshooting for

Conventional Rankine Cycle Power Plants	\$1,750
Combined Cycle Power Plants	\$1,750

All of our courses offer a 10% multi-registrant discount to organizations registering three or more persons for the same class at the same time. Call **+1.716.799.1080** for information on multi-course discounts.

- Fee includes textbook, the GPSteam™ Properties Calculator, and other course materials.

Cancellation Policy

- Cancellations received more than 15 working days prior to the start of the course are entitled to a full refund.
- Cancellations within 11-14 working days prior to the start of the course are subject to a 20% service charge.
- Cancellations within 10 working days or fewer prior to the start of the course and “no shows” are subject to the full price.
- Substitutions may be made at any time.
- EtaPRO LLC reserves the right to cancel the session at least 10 working days prior to the scheduled start. Participants will be promptly notified. However, EtaPRO LLC cannot be responsible for travel-related expenses or reservation penalties.

Email this information to reserve your seat in the selected session. The following information is requested.

Name _____

Title _____

Company _____

Plant Name _____

Address _____

City/State/ZIP _____

Business Phone _____

Email Address _____

This confirms my telephone reservation

Payment Information - Pre-Payment is Required

Credit Card - After receiving the above registration information, you will be provided with directions about how to enter your credit card information.

PO - Email to EtaPRO-Training@etapro.com or mail to:

EtaPRO LLC
ATTN: Course Registrar
25 Northpointe Parkway Suite 100
Amherst, NY 14228 USA



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Amherst, NY 14228 USA

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