

BENTLY NEVADA™ SYSTEM 1™ PERFORMANCE

System 1™ Performance software module extends the functionality of System 1™ condition monitoring software to include online monitoring of thermodynamic performance. Learn to harness the power of performance monitoring during this instructor-led class. Includes workshops using your own installation of System 1™ or System 1™ on cloud-based virtual machines.

Format

Duration: 21 hours **Schedule:** 3 Day(s) **Delivery:** Classroom

Who should attend

System 1 users who want to use Performance feature of System 1™

Objectives

- Describe the value of monitoring machinery performance.
- Identify the general inputs and expected outputs for performance monitoring on machinery such as pumps, compressors, gas turbines, steam turbines, generators, and turbo expanders.
- Use System 1™ Performance to monitor and troubleshoot performance.

Delivery: Instructor led, remote or classroom

Required Prerequisites

System 1™ coursework

Program Outline

Program

Overview:

- Benefits of machine monitoring
- Bently Performance in System 1™ architecture
- Basic concepts for thermodynamic performance
 - Performance monitoring KPI terminology
 - Performance monitoring outputs
 - OEM data design workshops
- Demo of System 1™ Performance monitoring software

Machine applications:

- Operation of machine
- Instrumentation and inputs
- Outputs
 - User interface
 - Workshop to create performance plot
- Monitoring performance of machinery. Customers can select from the following machine types:
 - Pumps
 - Compressors
 - Gas turbines
 - Steam turbines
 - Generators
 - Turbo expander

Additional time can be added based on the number of machines chosen.

