

NC 50001 READY COHORT SESSION CALENDAR



| Event Number | Planned Date / Time | Event Description | 50001 Ready Tasks | Desired Attendees | Session Objectives / Outcomes |
|--------------|---|---|-----------------------|---|---|
| 1 | Wednesday, May 20, 2020 10:00 a.m. to 12:00 p.m. EDT | Introduction to 50001: The Energy Management System | Intro to ALL Tasks | Energy Managers Facility Managers Plant Engineers Environmental Managers Utility Account Managers Operations & Maintenance Others | General overview of the ISO 50001 standard and the 50001 Ready Navigator, including the multisite functionality. Review of the training schedule and process for preps, homework, webinars, and check ins. |
| 2 | Wednesday, June 3, 2020 10:00 a.m. to 12:00 p.m. EDT | Laying the Foundation of 50001 | 1-7 | Energy Managers Facility Managers Plant Engineers Environmental Managers Utility Account Managers Operations & Maintenance Others | Understand the context of a 50001 EnMS. Outline and confirm top management commitment. Confirm scope and boundaries. Review legal requirements, energy team, and energy policy. Discuss the organization of the energy team. Review the evaluation and management of risk. |
| 2A | Wednesday, June 24, 2020 3:00 - 4:30 p.m. EDT | Office Hours | 1-7 | Open to anyone to call in for technical support on tasks | Provide an opportunity for cohort members to call in for technical support. |
| 3 | Wednesday, July 8, 2020 10:00 a.m. to 12:00 p.m. EDT | Where Does All the Energy Go? The Energy Review Kick Off | 8-9 | Energy Managers Facility Managers Plant Engineers Environmental Managers Utility Account Managers Others | Understand data collection processes: Who, what, where, why, when and how for monitoring and measuring. Learn the two key PIE CHARTs process to show energy IN and energy CONSUMPTION. Understand the processes for determination of significant energy users (SEUs). Understand relevant variables and how to select and apply there. |
| 3A | Wednesday, July 22, 2020 3:00 - 4:30 p.m. EDT | Office Hours | 1-9 | Open to anyone to call in for technical support on tasks | Provide an opportunity for cohort members to call in for technical support. |

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| 4 | Wednesday, August 5, 2020 10:00 a.m. to 12:00 p.m. EDT | Sorting Out the Data Energy Review Continued | 10-13 | Energy Managers Facility Managers Plant Engineers Environmental Managers Utility Account Managers Others | Verify effectiveness of data collection. Review your selection of SEUs. Understand processes for selecting improvement opportunities. Learn the selection processes for EnPIs and EnBs. Learn how to set up and implement objectives, targets and action plans. |
| 4A | Wednesday, August 19, 2020 3:00 - 4:30 p.m. EDT | Office Hours | 1-13 | Open to anyone to call in for technical support on tasks | Provide an opportunity for cohort members to call in for technical support. |
| 5 | Wednesday, September 2, 2020 10:00 a.m. to 12:00 p.m. EDT | Engaging Other Functions into the EnMS | 14-19 | Energy Managers Facility Managers Plant Engineers Environmental Managers Utility Account Managers Purchasing/Procurement Product Design Engineers O&M Teams Others | Understand EnMS requirements for competence, training, awareness, communication, and documentation. Learn how to develop operational controls for SEUs and action plans, and communicating this to operational personnel. Understand how to define and react to signification deviations from intended energy performance. Review energy aspects for design and procurement teams. |
| 5A | Wednesday, September 16, 2020 3:00 - 4:30 p.m. EDT | Office Hours | 1-19 | Open to anyone to call in for technical support on tasks | Provide an opportunity for cohort members to call in for technical support. |
| 6 | Wednesday, September 30, 2020 10:00 a.m. to 12:00 p.m. EDT | Evaluating Performance | 20-21 | Energy Managers Facility Managers Plant Engineers Environmental Managers Utility Account Managers Others | Learn about energy performance including the who, what, where, why, when and how of energy measurement, monitoring, analysis and evaluation. Understand methods to evaluate energy performance improvement including use of relevant variables and linear regression. Learn how to verify the effectiveness of the EnMS including action plans, EnPIs, and SEUs. |

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| 6A | Wednesday, October 14, 2020 3:00 - 4:30 p.m. EDT | Office Hours | 1-21 | Open to anyone to call in for technical support on tasks | Provide an opportunity for cohort members to call in for technical support. |
| 7 | Wednesday, October 28, 2020 10:00 a.m. to 12:00 p.m. EDT | Ensuring Continual Improvement | 22-25 | Energy Managers Facility Managers Plant Engineers Environmental Managers Utility Account Managers Others | Learn to plan and execute an internal auditing process for the EnMS. Understand how to conduct a management review, including inputs and outputs. Learn how to deal with EnMS nonconformities including needs for action, implementation of corrective actions, and verifying effectiveness. Understand the need for the continual improvement of the EnMS beyond the initial implementation. |
| 7A | Wednesday, November 11, 2020 3:00 - 4:30 p.m. EST | Office Hours | 1-25 | Open to anyone to call in for technical support on tasks | Provide an opportunity for cohort members to call in for technical support. |
| 8 | Wednesday, November 18, 2020 10:00 a.m. to 12:00 p.m. EST | Wrap Up and Next Steps | Review of ALL Tasks | Energy Managers Facility Managers Plant Engineers Environmental Managers Utility Account Managers Purchasing/Procurement Product Design Engineers O&M Teams Others | Review highlights of all 25 tasks for 50001 Ready. Check on all playbooks. Time for Q&A on all tasks and playbooks. Review next steps and how to apply for 50001 Ready Recognition from DOE. |

Terms:

EnMS – Energy Management System
SEU – Significant Energy Use
EnPI – Energy Performance Indicator
EnB – Energy Baseline

Questions: Contact Kitt Butler – kbutler@advancedenergy.org or 919-857-9019

More Resources: www.advancedenergy.org/doe50001



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