



Maximizing Profitability with Energy Management

Asphalt Mix Plant Energy Efficiency Workshop

June 25-26, 2024

Astec Training Center | Chattanooga, TN

Why Attend

Over two days, you will attend 8 technical sessions and develop an action plan for one or more of your asphalt plant(s) to:

- ✓ **Drive energy efficiency,**
- ✓ **Reduce energy costs, and**
- ✓ **Make your products more competitive under Buy Clean / Low Carbon procurement policies.**

Agenda

Day 1 (7am – 4:30 pm)

- Introduction to energy management
- Technical sessions
- Panel discussion with ENERGY STAR partners
- Evening reception

Day 2 (7am – 3:30 pm)

- Technical Sessions
- Tour of Astec manufacturing plant
- Assembling action plan

Technical Sessions

- **Communicating the Value of Energy Management:** Learn how to advocate for energy management investments and identify energy champions at your plants.
- **Tracking Energy and Setting Goals:** Identify and learn how to track key performance indicators of energy use and their impact on embodied carbon to inform goals.
- **Evaluating Plant Energy Programs:** Assess your plant's energy management systems against industry practices and explore strategies for staff recognition and motivation.
- **Finding and Valuing Energy Savings:** Learn strategies for finding energy savings and how to convert them into terms of energy, emissions, cost, and embodied carbon.
- **Where Is All My Energy Going?** Recognize how energy is utilized in plant systems and quantify the cost of energy waste.
- **Efficiency in Operations:** Identify operational hacks to optimize energy use at your plant.
- **The Drying System:** Dive deep into how to adjust your burner, drum, and baghouse to produce the most mix for the least amount of energy.
- **Emissions – It's Not Just About Compliance:** Find out what your emissions are telling you about overall plant health.