v. 4/2/2026

DCEP IT Specialist Training (Pacific Time)

6:50 **Registration (10 minutes)**

7:00 **9. IT Specialist Training Introduction (20 minutes)**
- Overview
- Resources

7:20 **10. IT as Basis for Data Centers (35 minutes)**
- Data Center History
- Compute and Storage Growth
- Enterprise IT Architecture

7:55 **11. Chip Technologies and Cooling (60 minutes)**
- Chip Technologies
- Liquid Cooling
- Performance Metrics

8:55 **12. IT Asset Performance (30 minutes)**
- IT Asset Performance
- Energy Efficiency and Business Priorities
- Cost Implications of Poorly Utilized Assets

9:25 **Break (30 minutes) Lunch for East Coast participants**

9:55 **13. IT Energy Usage (55 minutes)**
- IT Equipment Types and Anatomy
- Energy Use Patterns of IT Equipment
- Factors that Impact IT Energy Use and Best Practices

10:50 **14. Predicting and Measuring Energy Usage (55 minutes)**
- Estimating Energy Usage
- Tools and Techniques
- Measuring/Modeling Energy Usage

11:45 **Break (30 minutes) Lunch for West Coast participants**

12:15 **15. Controlling IT Equipment Energy Usage (100 minutes)**
- Underutilization and IT Waste
- How to Address IT Waste
- Server Selection Guidelines

1:55 **17. DOE IT Equipment Energy Assessment Tool (60 minutes)**
- IT Equipment Inventory
- Energy Saving Measures
- Results

2:55 **Exam (30 minutes)**

3:25 **End of IT Specialist Training/Exam**

16. Winning Approval and Executing IT Energy Efficiency Programs (Self-Study)
- Energy Performance as an Indicator of Asset Performance
- Benefits/Outcomes of Energy Improvement