DCEP IT-Specialist Training

7:50  Registration (10 minutes)
8:00  9. IT Specialist Training Introduction (30 minutes)
       Objectives
       Agenda and Course Material
       Resources
8:30  10. IT as Basis for Data Centers (40 minutes)
       Data Center History
       Enterprise IT Architecture
       The Laws of Nature
9:10  11. Energy Terms and Metrics (30 minutes)
       Energy Math
       Power and Density
       Performance Metrics
9:40  Break (10 minutes)
9:50  12. IT Asset Performance (40 minutes)
       IT Asset Performance
       Energy Efficiency and Business Priorities
       Cost Implications of Poorly Utilized Assets
10:30 13. IT Equipment Energy Usage and Best Practices (50 minutes)
       IT Equipment Types and Anatomy
       Energy Use Patterns of IT Equipment
       Things that Impact IT Device Energy Use and Best Practices
11:20 Lunch (60 minutes)
12:20 14. Predicting and Measuring Energy Usage (70 minutes)
       Predicting Energy Usage
       Tools and Techniques
       Measuring/Modeling Energy Usage
1:30  15. Controlling IT Equipment Energy Usage; Remediation, Mitigation (80 minutes)
       Underutilization and Server Waste
       IT Equipment Refresh
       IT Power Management and Policies
2:50  Break (10 minutes)
3:00  17. IT Equipment Energy Assessment Tool (70 minutes)
       IT Equipment Inventory
       Energy Saving Measures
       Results
4:10  Exam (30 minutes)
4:40  End of IT Specialist Training/Exam

16. Winning Approval and Executing IT Energy Efficiency Projects (Self Study)
       Energy Performance as Indicator of Asset Performance
       Benefits/Outcomes of Energy Improvement
       Articulating Value