v. 7/28/2023

DCEP Generalist Training (Pacific Time)

6:45 **Registration (15 minutes)**

7:00 **1. Generalist Training Introduction (30 minutes)**
- Objectives
- Overview
- Resources
- Abbreviations and Acronyms

7:30 **2. Data Center Profiler (DC Pro) Overview (40 minutes)**
- Overview of Benchmarking and PUE
- Overview of DC Pro
- Introduction to PUE Estimator

8:10 **3. IT Equipment (40 minutes)**
- IT Equipment Energy Use
- Provisioning and Minimizing Waste
- Best Practices

8:50 **Break (30 minutes) Lunch for East Coast participants**

9:20 **4. Air Management (60 minutes)**
- Environmental Specifications and Metrics
- Airflow and Temperature Management
- Best Practices

10:20 **5. Cooling Systems (60 minutes)**
- DX and Chilled-Water Systems
- Liquid-Cooled Systems
- Best Practices

11:20 **Break (30 minutes) Lunch for West Coast participants**

11:50 **6. Electrical Systems (50 minutes)**
- Causes of Energy Inefficiencies
- Electrical Power Chain
- Best Practices

12:40 **7. DCEP Assessment Process Manual (20 minutes)**
- DCEP Assessment Process Manual
- DCEP Assessment Process

1:00 **Break (10 minutes)**

1:10 **8a. Data Center Profiler (DC Pro) Tool Case Study (40 minutes)**
- Input Steps
- Results

1:50 **8b. DOE Electrical Power Chain Tool Introduction (20 minutes)**
- Input Steps
- Results

2:10 **Exam (20 minutes)**

2:30 **End of Generalist Training/Exam**

8c. Summary of Metrics (for reference only)