

# Critical Facilities Round Table

## High Density Data Center Committee Meeting

Oracle Corporation  
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# CFRT CHARTER

To provide an open forum for our end-user members and their guests to share information and to learn about new mission critical technologies, with the intention of helping each member improve in technical expertise and develop solutions for the challenges of their day-to-day critical facilities operations.

# HDDC Purpose and Membership

The direction this committee will take will be discussed today as many issues are involved in designing and operating data centers with high heat loads.

And, multiple other organizations are working on related topics.

The HDDC Committee is unique in that it has an operator focus.

Anyone interested in sharing his/her expertise or in understanding this environment is welcome to become a member and participate in our activities.

# 1<sup>st</sup> HDDC Meeting at HP

Hosted by Dr. Chandra Patel at HP Laboratories,  
Internet Systems & Storage Laboratory

- Holistic View
- The “Smart” Data Center
  - Cooling Resource Management
  - Work Load Management
- “The Data Center is the Computer”
- HDDC: Formation of Committee

# Today's Program

|             |   |
|-------------|---|
| 9:20-10:00  | Data Center Presentation by Mitchell McGovern, VP Global Data Center Operations, Oracle |
| 10:00-10:20 | Summary of CEC/LBNL Activities by Tim Xu/Bill Tschudi, LBNL                             |
| 10:20-10:30 | Break   |
| 10:30-12:00 | HDDC Committee Meeting  |
| 12:00       | Adjournment   |

# HDDC Committee Meeting

- Defining the overall direction of the Committee
- Review of related organizations' work
- Future collaborations
- Electronic equipment clustering
- Economic limit for W/sqft
- Energy management
- White paper addressing the end-users challenges
- New business
- Nomination of Secretary (1-year term)

# Related Organizations

- 7 x 24 Exchange
- Data Center Standard Subcommittee, Building Industry Consulting Service International (BICSI)
- Computersite Services (Uptime)
- NYSERDA Contract
- Applications Team, Lawrence Berkeley National Laboratory (LBNL)
- Rocky Mountain Institute
- Data Center Working Group, Telecom Industry Association (TIA)
- AFCOM
- ASHRAE TC 9.9 HDEC Working Committee