Designing Mechanical Systems To Fit Your Building Needs

2015 Facilities Officers Conference

November 5, 2015
What are the key factors in choosing the correct HVAC system?

How to choose the most HVAC System for a particular type of building or building project.

- Know the end user, and their expectations.
- Evaluate the cost benefit, or detriments of the system vs. the life of the whole project.
- Know the facilities or maintenance staff that will keep these systems in operation.

How the particular type and attributes of the HVAC system is determined?

- Case Studies?
- Are life cycle costs considered when choosing mechanical equipment?
- Challenges...
• Controls seem to be an issue that affect mechanical systems and if a campus already has a controls vendor, what do you do?

• If there is one thing you think would improve the design/ construction/delivery of mechanical systems, what is it?

• Other topics of discussion may include...
  o Commissioning (CxA),
  o Latent defects,
  o Post occupancy evaluation,
  o Periodic maintenance and performance trends.
Questions