

Landmark Plaza



Indianapolis, IN
12 stories
275,000 square foot
Built in 1984

Analysis and recommendation of HVAC modifications to replace central cooling plant. Five central plant options were evaluated for:

- First cost
- Annual energy/utility cost comparison
- Maintenance and Service Cost
- Cumulative 20 year life cycle cost

Other mechanical upgrades:

- DDC building automation system
- Fan powered VAV boxes to replace the existing dual duct boxes
- Sheet metal duct changes to reduce noise and pressure drop improving overall system performance
- Renovating existing 140,000 CFM air handlers in place with new coils and VFD drives verses replacing systems with new rooftop air handlers and packaged controls
- 24-hour, 7-day supplemental cooling loop for data closets and computer rooms
- Team position: prime A/E for study and cost evaluation

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