WESTINGHOUSE ELECTRIC NUCLEAR ENGINEERING HEADQUARTERS



Daniel Aughenbaugh
Mechanical Option

PRESENTATION OUTLINE

INTRODUCTION

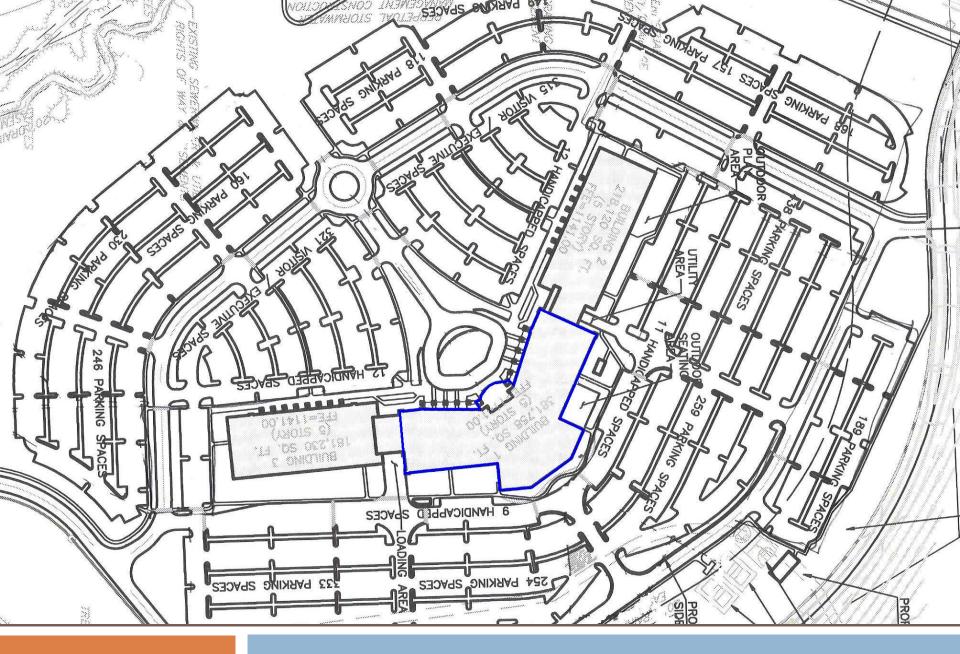


Daniel Aughenbaugh Mechanical Option

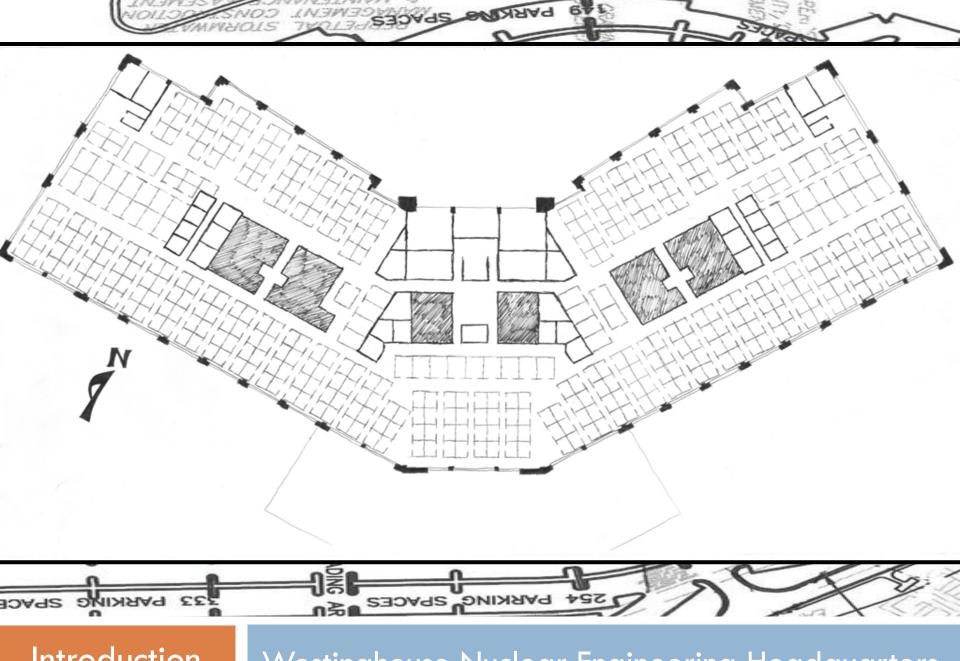
FACILITY INFORMATION



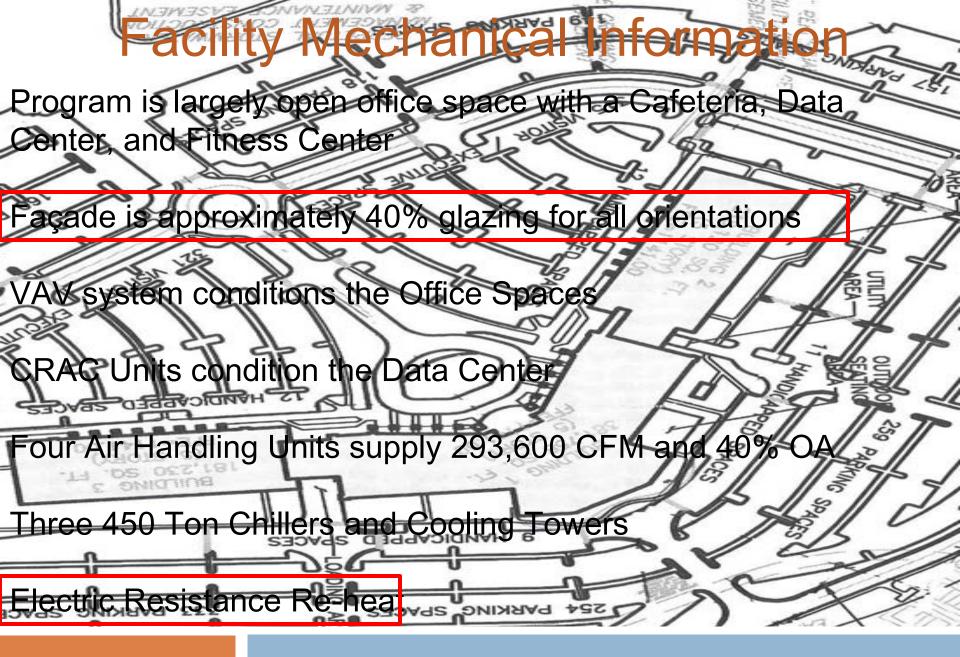
Introduction



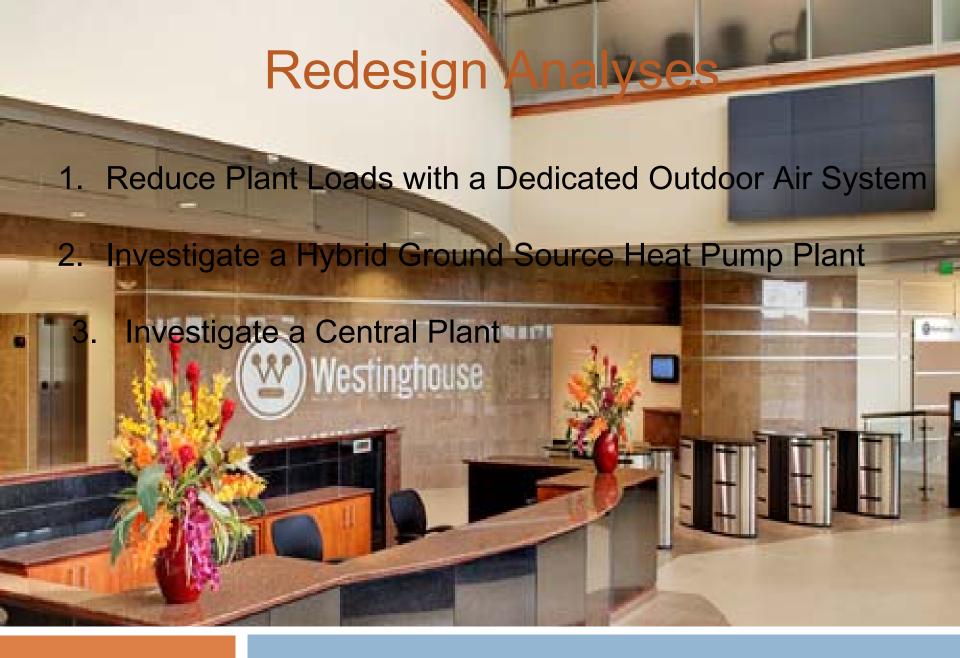
Introduction

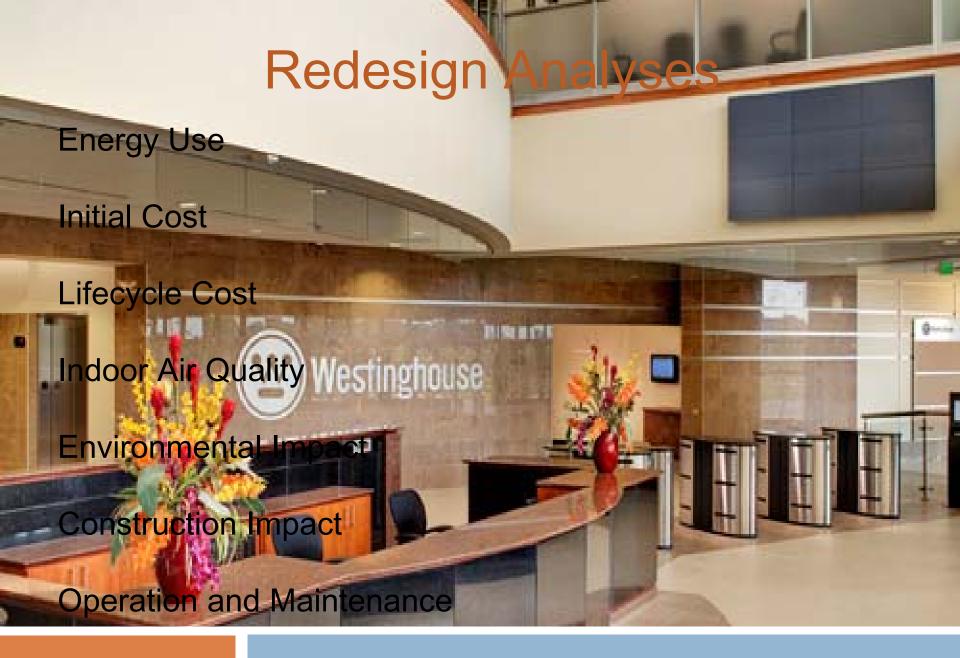


Introduction











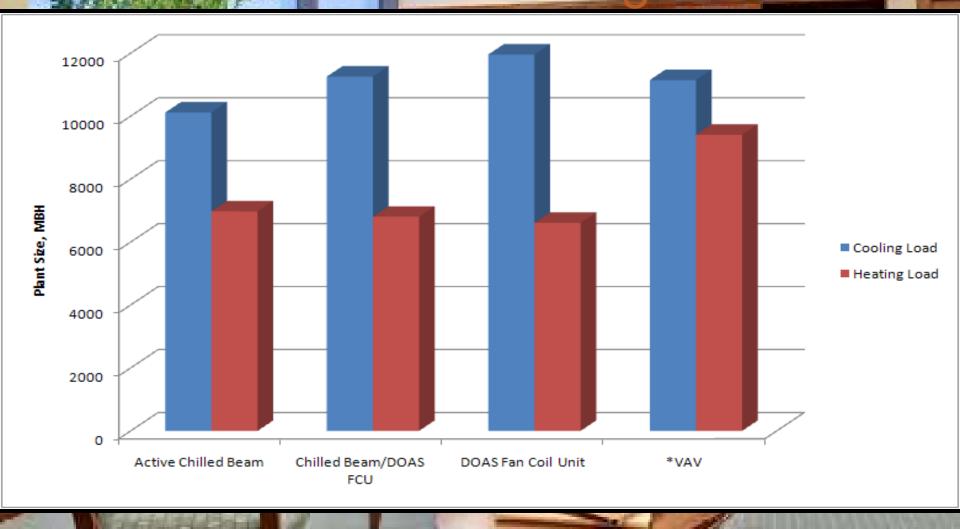




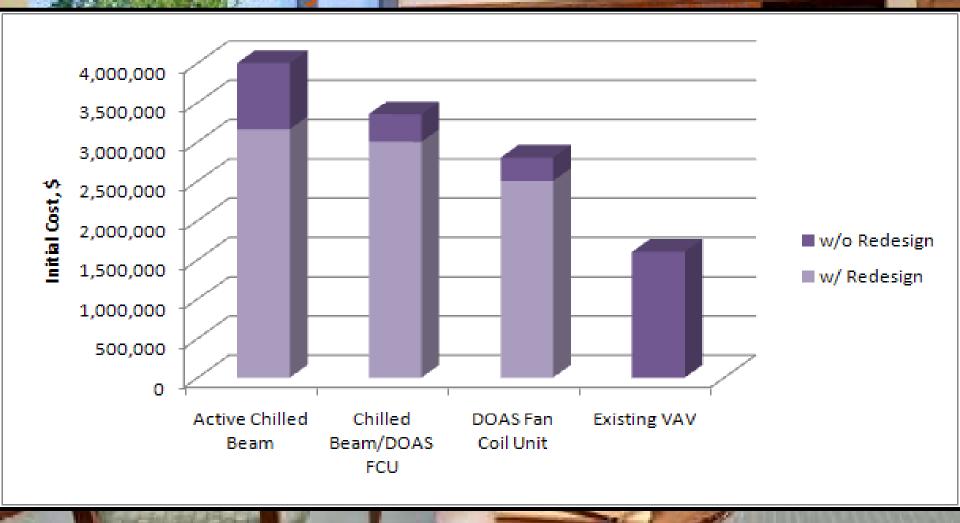


OAS Fan Powered Terminal Units Non-condensing Cooling Coil **Optional MERV 8 Filter** Standard Ceiling Diffuser **Dedicated Outdoor Air Supply** Fan Powered Terminal Unit

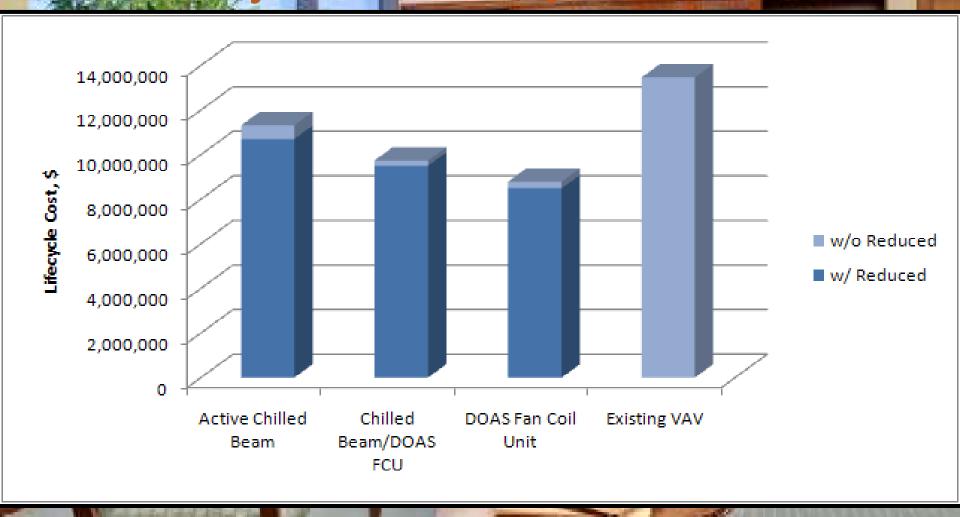
Plant Loading



System Initial Cost



ystem Life Cycle Cost

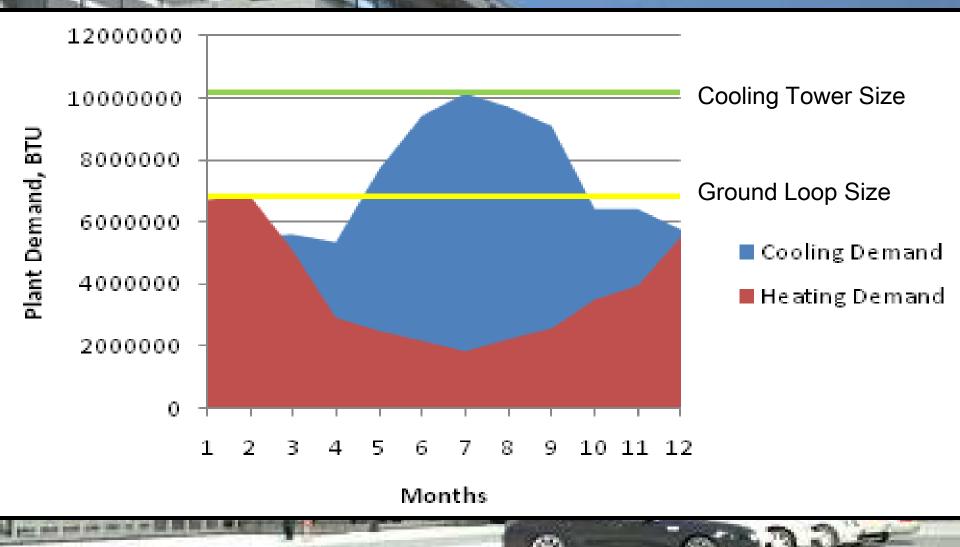






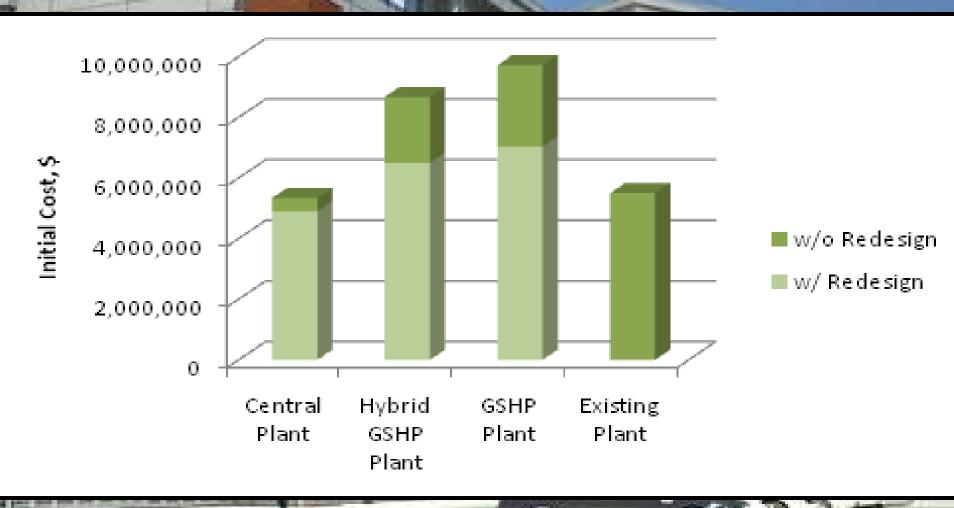
Hybrid GSHP

Hybrid GSHP Sizing



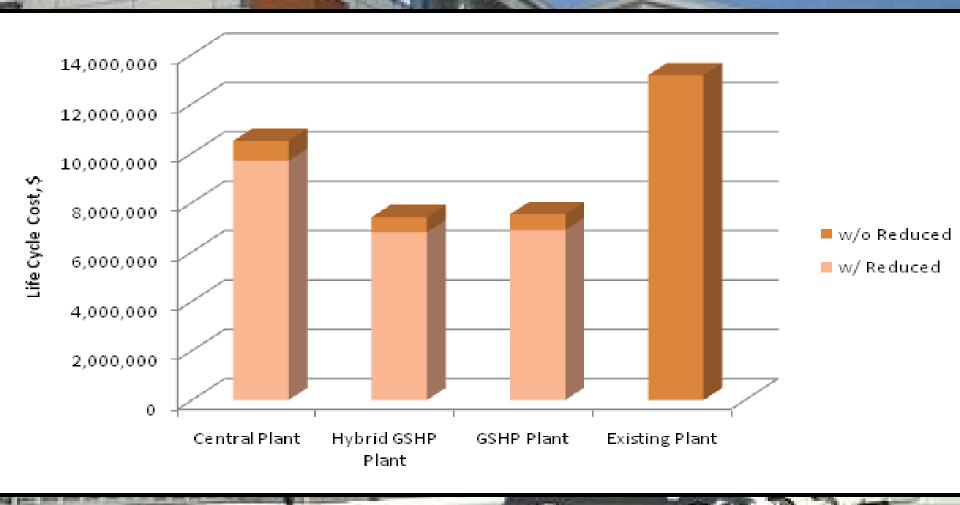
Hybrid GSHP

Plant Initial Cost

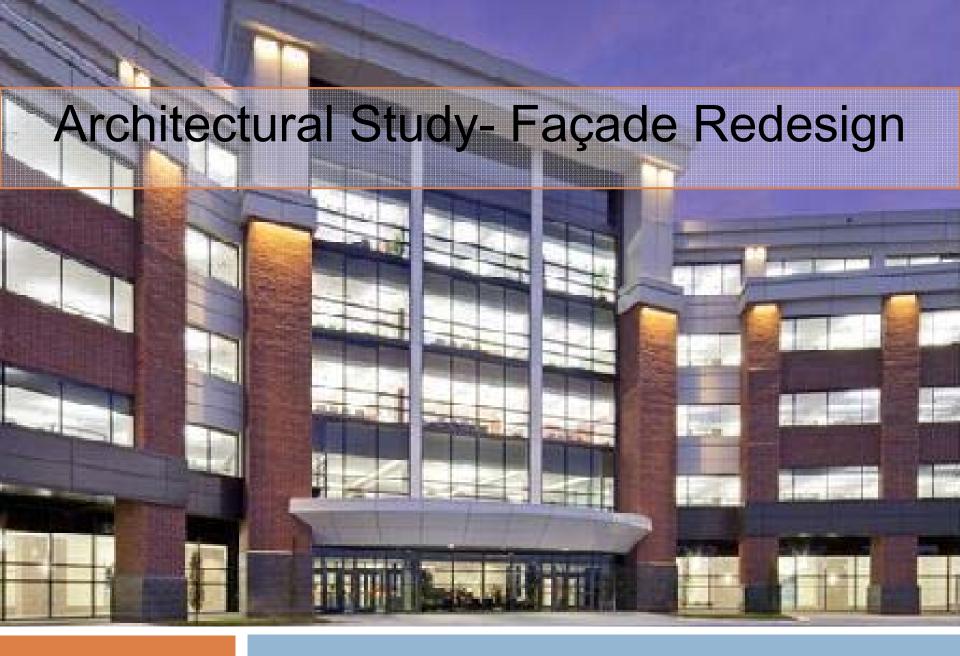


Plant Analysis

Plant Lifecycle Cost

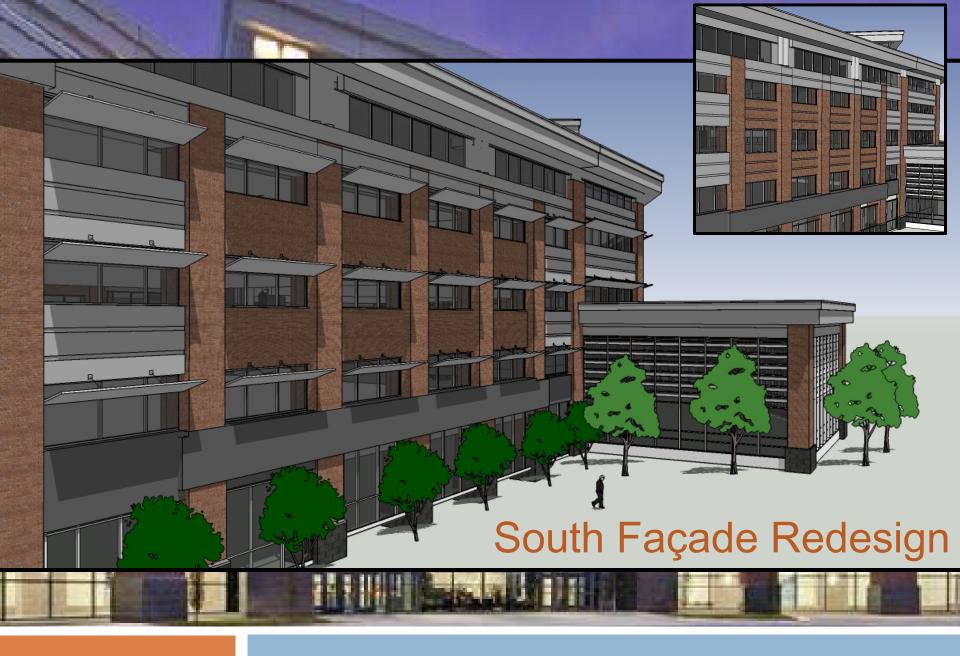


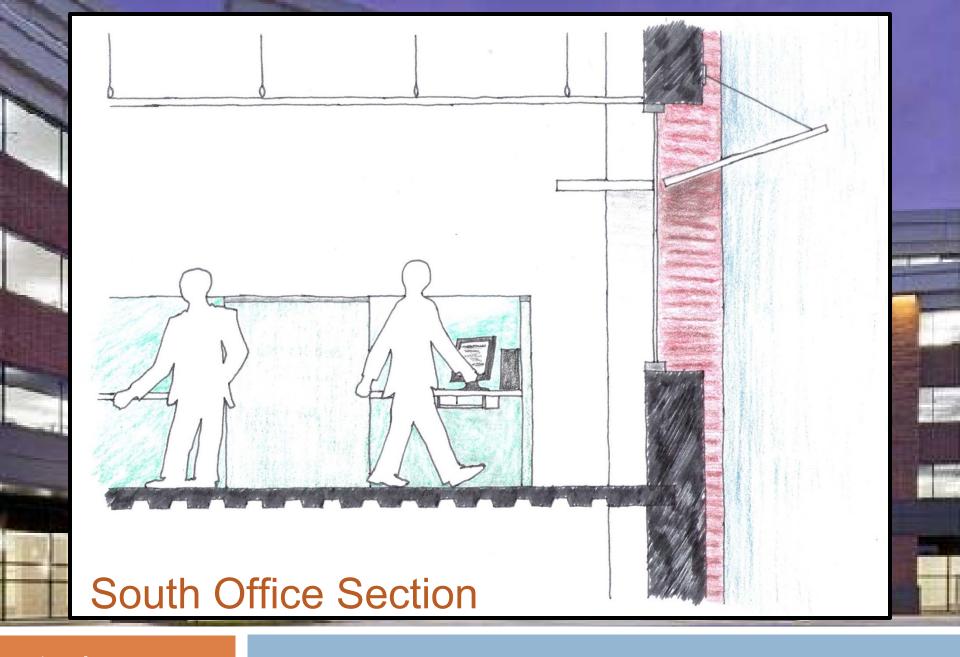
Plant Analysis



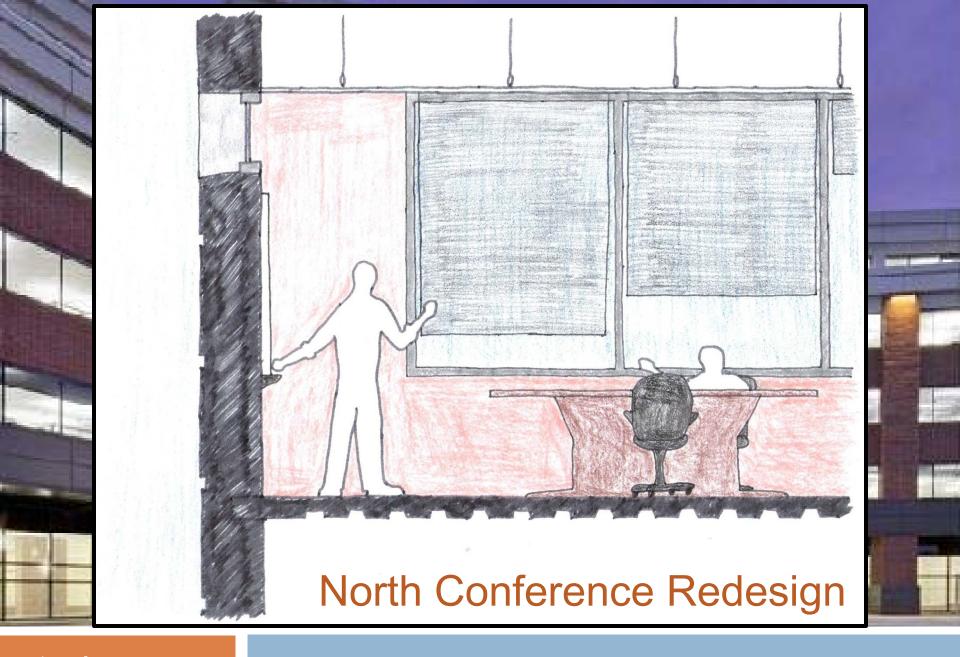




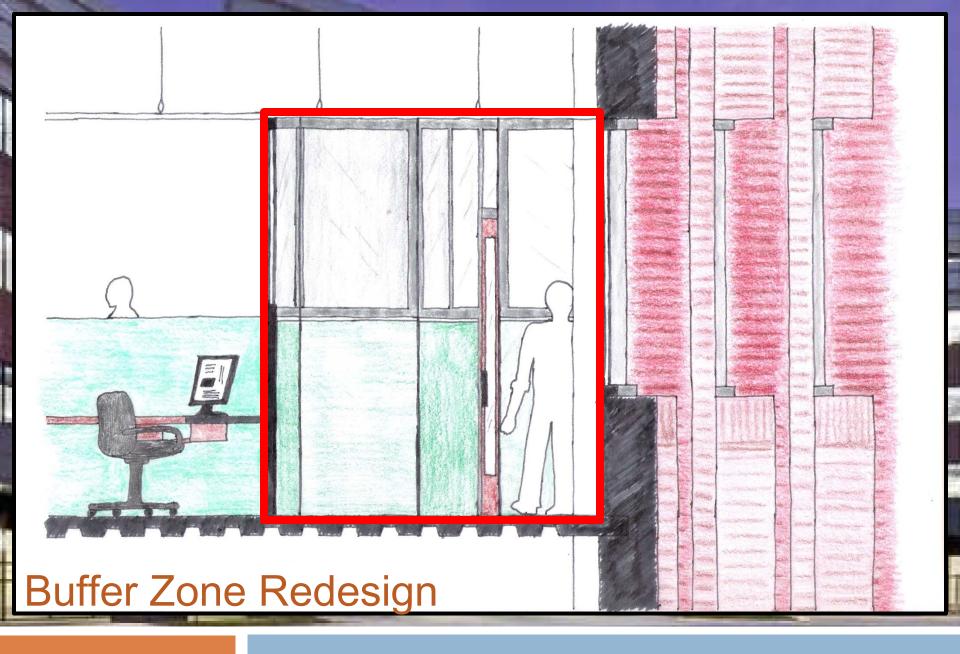




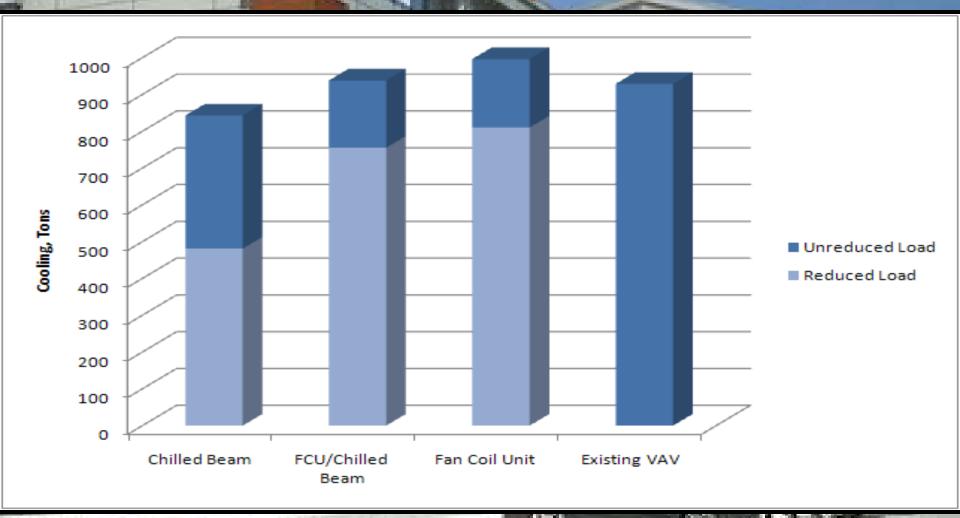




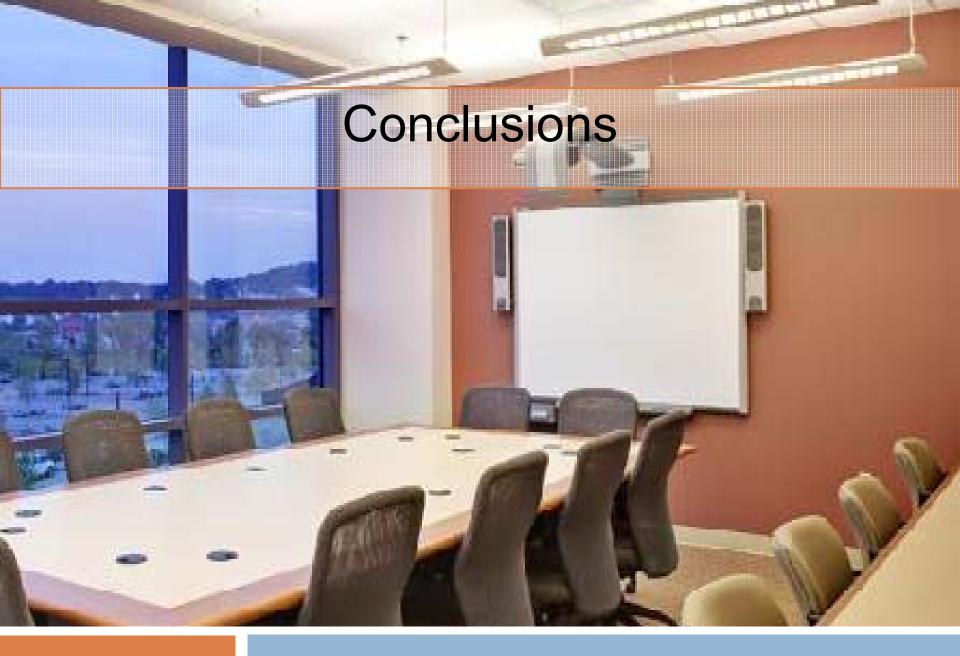




Plant Impact

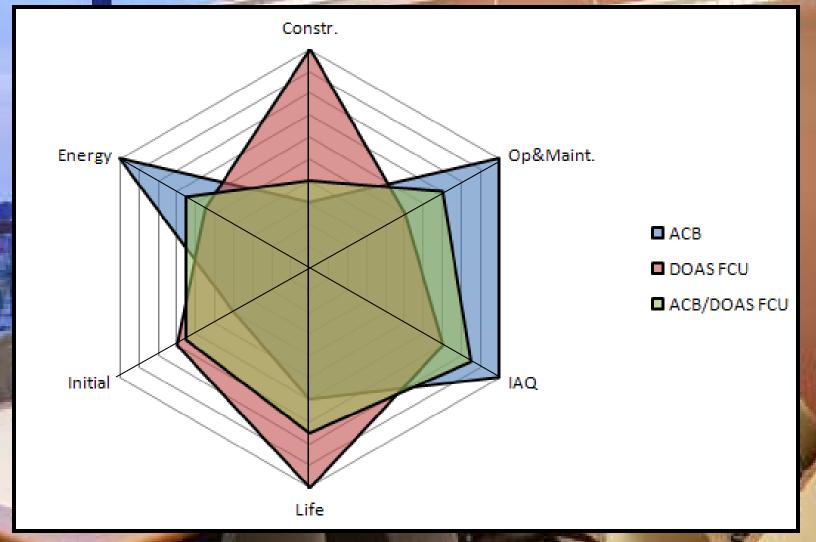


Architecture

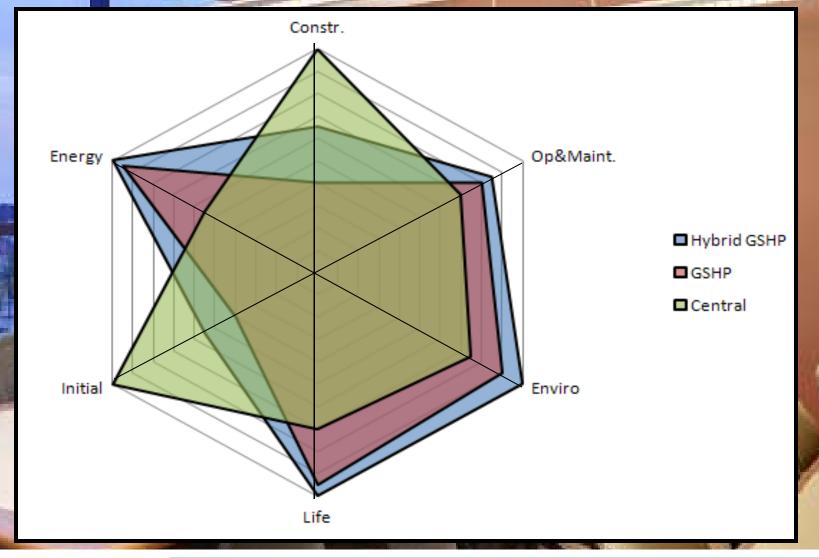


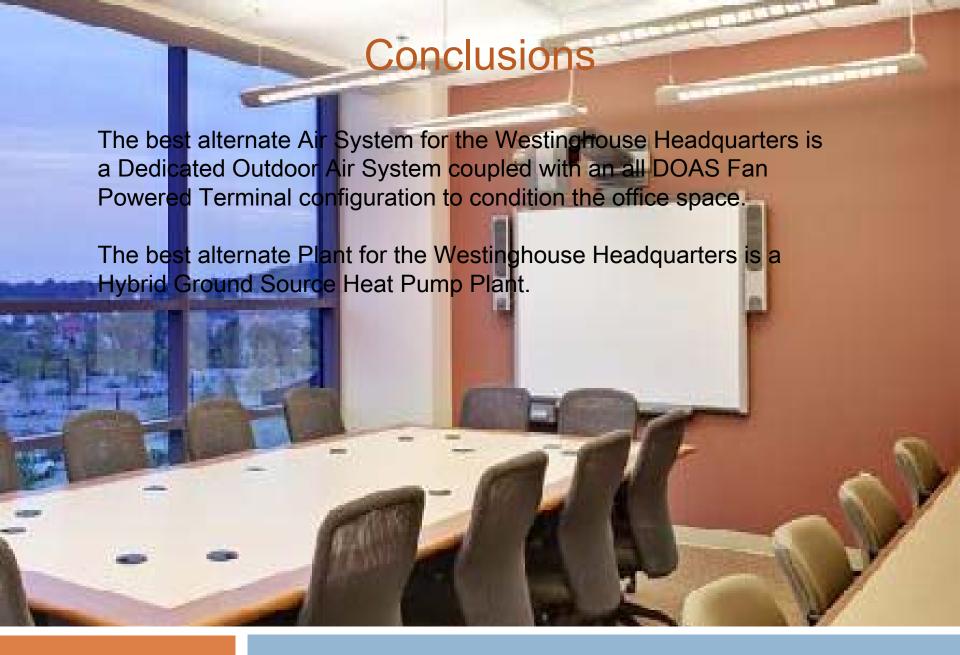
Conclusions

Conclusions: Air Systems



Conclusions: Mechanical Plant





Conclusions



Conclusions



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