

Daylight Analysis, Energy Balance and Analysis

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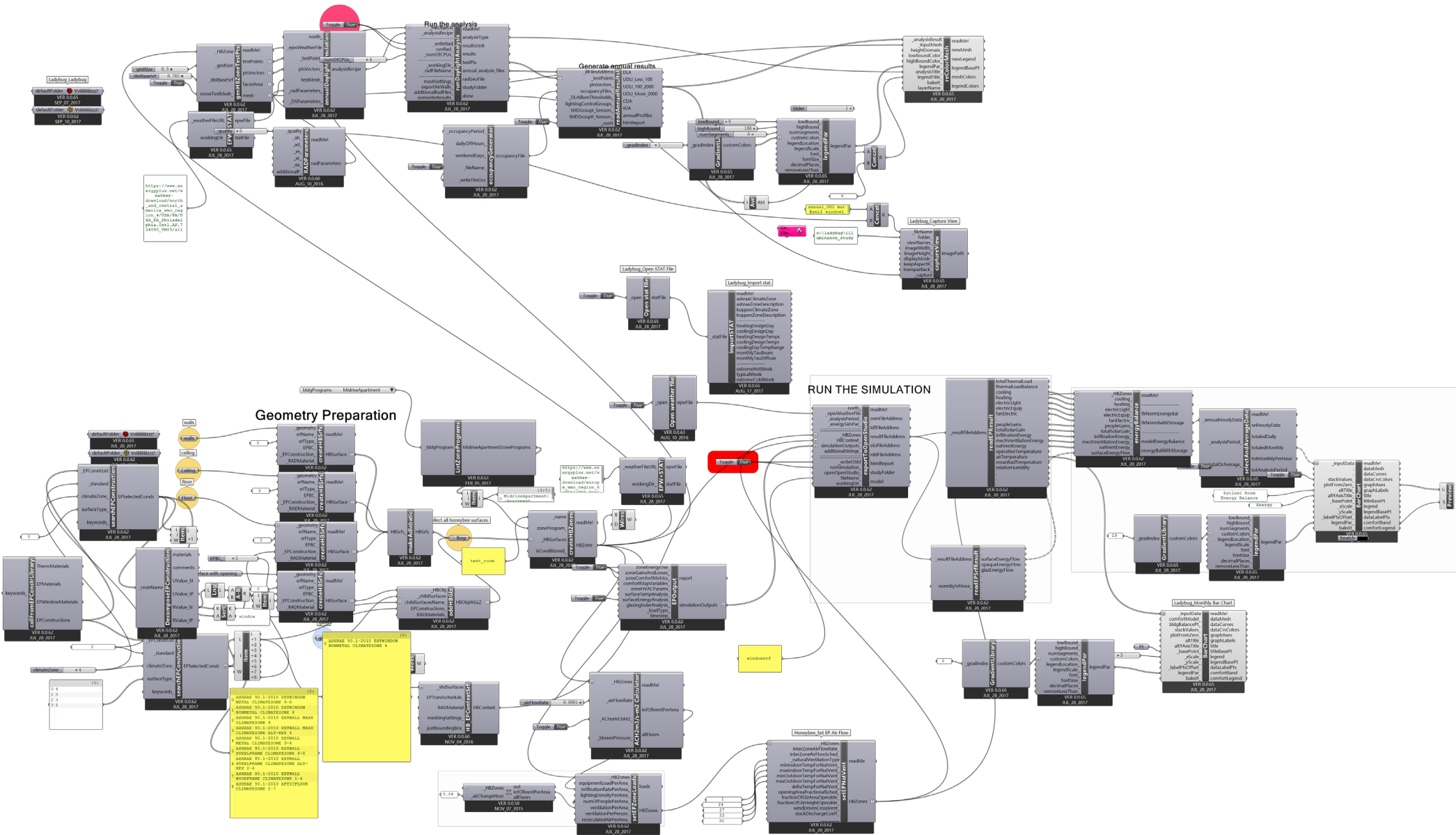
Arch 753 Building Performance Simulation

Instructor: Mostapha S. Roudsari

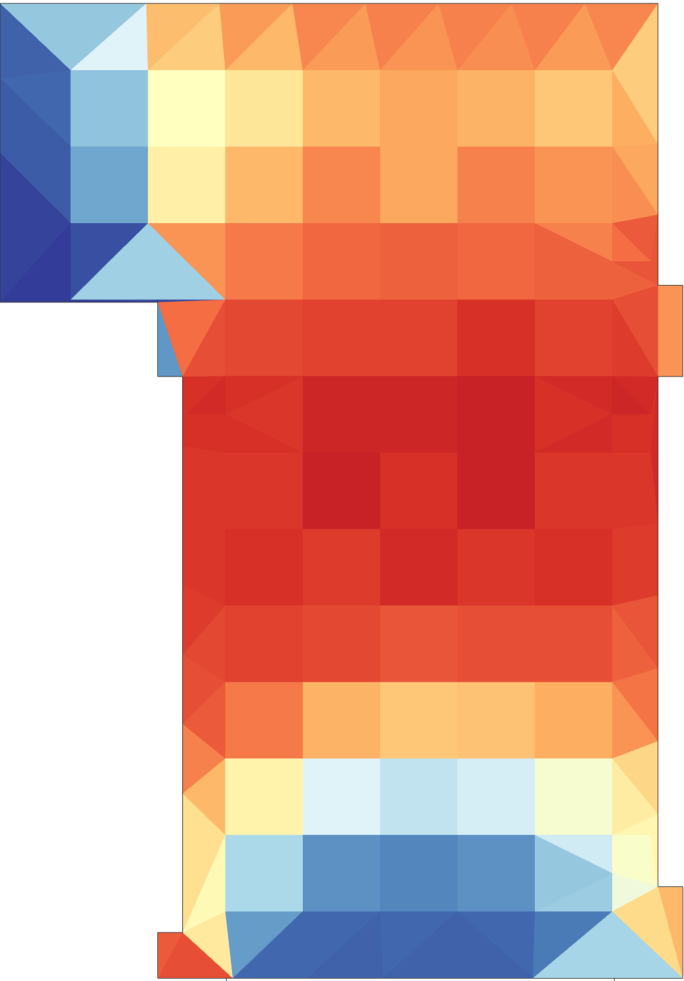
University of Pennsylvania

School of Design

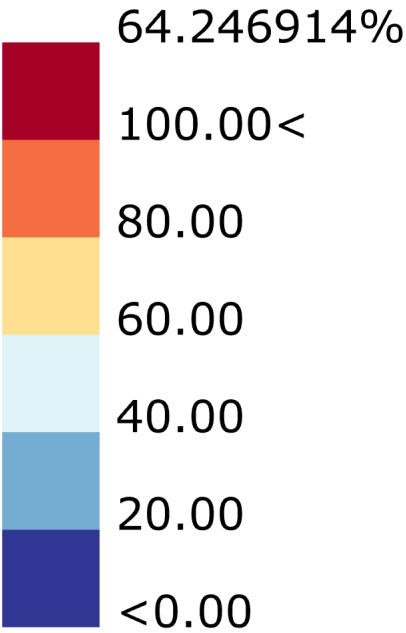
LB-HB Nodes



Daylight Analysis

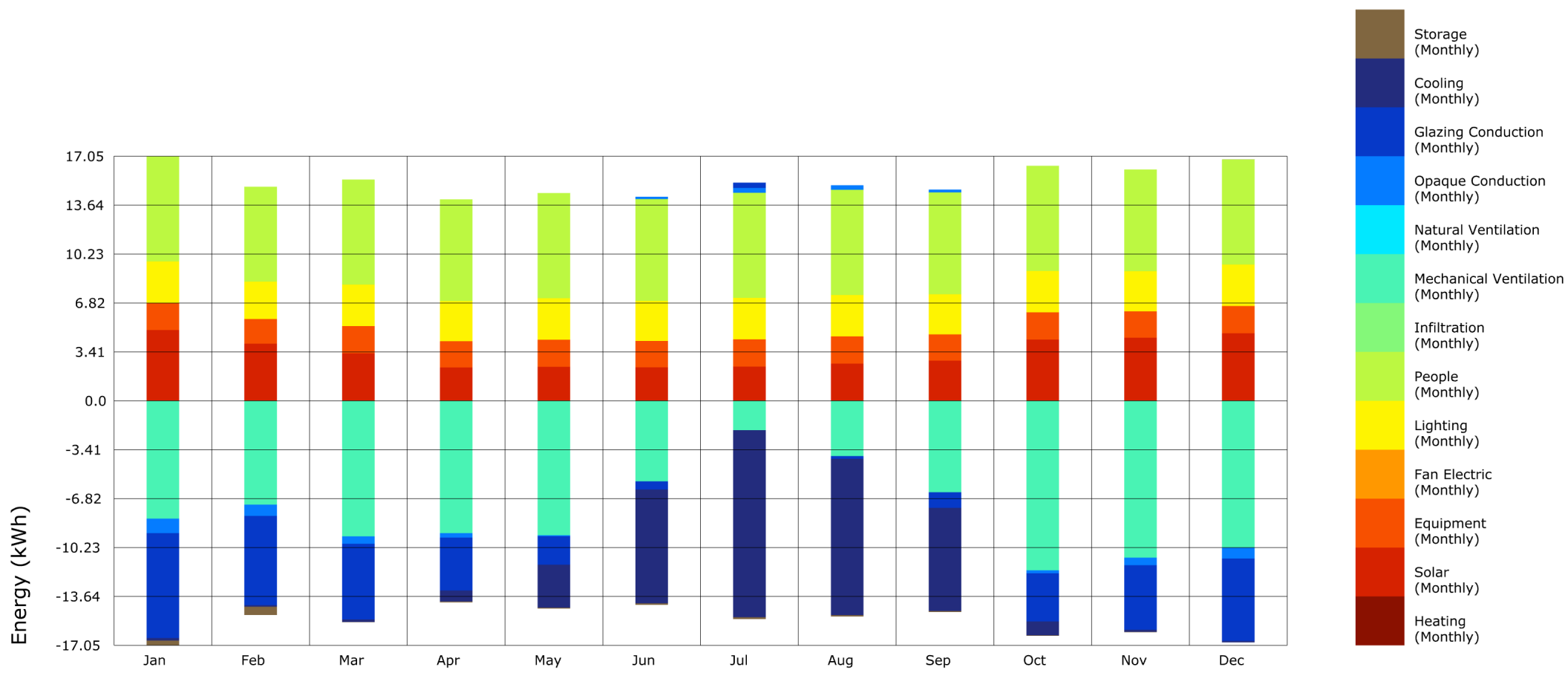


annual analysis



Energy Balance

Floor construction and window natural ventilation set



Natural ventilation contributes little to the total energy balance. The default configuration for the floor seems to perform better than atticfloor climate zone 2-7.