

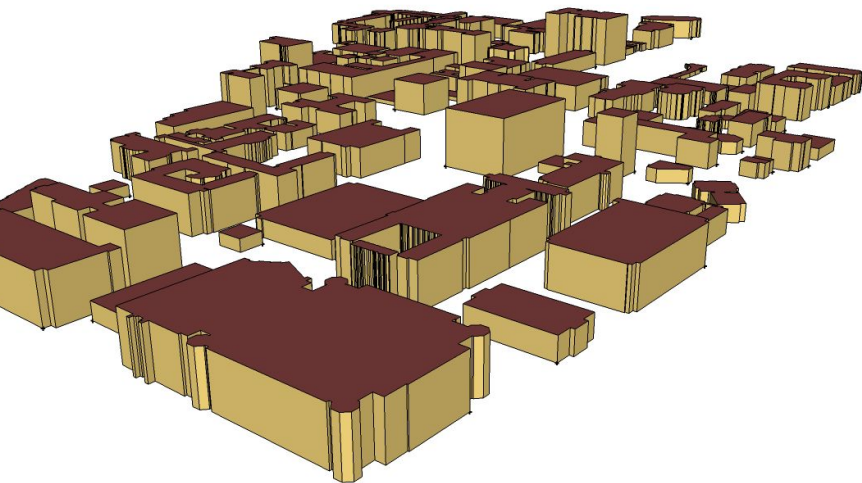
# Modeling a real test case

**Data  
collection**

**Simulation  
inputs**

**Network  
model  
inputs**

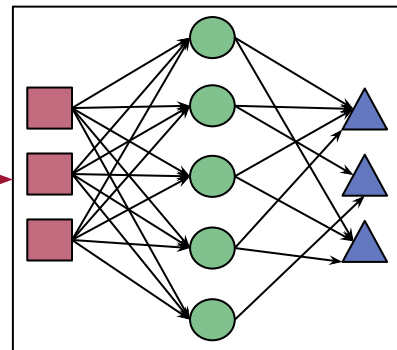
**DUE-S  
results**



OpenStudio



**Urban  
simulation  
results**



Historical energy  
data

Historical energy  
data

Sources: Meida Chen, EnergyPlus, OpenStudio

— — : *current progress*