Gensler

DESIGNED TO EARN THE ENERGY STAR

The estimated energy performance for this design meets US EPA criteria. The building will be eligible for ENERGY STAR after maintaining superior performance for one year.

One Oak Park Houston, TX

* Energy Use Intensity (EUI) = 225.4 kBtu/sf/yr
* Percent CO_2 Reduction = 34%
* ENERGY STAR Design Rating = 85

Annual Savings Statistics
(compared to an average building EPA rating of 50)
* Energy Savings = 18,901,153 kBtu
* CO_2 Savings = 1,181 tons CO_2

- Seeking LEED Silver certification for Core & Shell
- 6-story office building with a 4-tier parking garage
- 160,000 SF building with a 150,000 SF, 445 parking space garage.
- Energy cost of $1.98/SF or $315,236 annually.
- High efficiency glazing reduces energy loads.
- Energy recovery unit pretreats outside air, saving 35 tons of pre-treated load.
- Pedestrian plaza promotes community atmosphere
- Reduced water usage by 37.1%
- Energy performance 14% better than ASHRAE 90.1 2004.
- Provisions for showers and bicycle racks as well as parking for low-emitting and carpool vehicles.
- Recycle or salvage 75% of construction waste
- 20% of materials to have recycled content.