



NEW YORK CITY DEPARTMENT OF
DESIGN + CONSTRUCTION

MEMO

DATE: 08.01.07

TO: Z. Nazario, R.A.; T. Paino, R.A.; M. Park, AIA; R. Massey; K. Carnahan

FROM: John Kriebel, R.A., Director of Sustainable Design

SUBJECT: Design Consultant Reporting for a Local Law 86/ 2005 HVAC Comfort Controls Project

Local Law 86 of 2005 (LL86) mandates that the Mayor report to the City Council each year on costs and benefits related to the Law's requirements. This memo has been prepared to detail what the Consultant must provide to help DDC meet this mandate on its LL86 HVAC comfort controls projects, i.e. projects that must achieve a 5% energy cost reduction through a more efficient controls design. Other memos clarify what the consultant should provide for projects with other LL86 requirements, such as a LEED CI 2.0 rating or a LEED NC 2.2 rating. Note that, since DDC LL86 projects to date utilize energy rate structures for conventional electric and firm natural gas, these rate structures are reflected in the categories below. Should another rate structure for electric, gas, or another energy source apply to the project, the categories must be revised accordingly.

Design Consultant to Provide the Following Data by the End of Design:

General

Conventional Electric Provider (ConEd or NYPA)

Firm Gas Provider (Keyspan or ConEd) or Type of Oil (#2, #4, or #6) or Purchased Steam Provider

Baseline Annual Energy Use for HVAC Comfort Controls - Indicate Base Case Fuel Use as per Methodology of LEED CI 2.0 EAc1.3

Electric Usage (Kwh/yr)

Electric Sum of Monthly Peak Demand (Kw/yr)

Electric Peak Demand (Kw)

Gas (Mbtu/yr) or Oil (gal/yr) or Steam (mlbs/yr, summer; mlbs/yr, winter)

Design Case Annual Energy Use for HVAC Comfort Controls - Indicate Design Case Fuel Use as per Methodology of LEED CI 2.0 EAc1.3

Electric Usage (Kwh/yr)

Electric Sum of Monthly Peak Demand (Kw/yr)

Electric Peak Demand (Kw)



Gas (Mbtu/yr) or Oil (gal/yr) or Steam (mlbs/yr, summer; mlbs/yr, winter)

Energy Efficiency Measures (EEM)

For Each EEM Implemented, Provide:

Incremental First Cost (\$)

Annual Energy Savings (\$)

Cc: Margot Woolley; David Resnick; David Burney; Frank D'Arpino; Jeremy Steinberger