

FORMULAS: (OP5)

Performance Year FY18/19
 Base line Year FY10/11

Minimum Performance Threshold = (Gross Square Feet x .000389)

| | Gross Square Feet | Threshold (x .000389) |
|--------------------------|-------------------|-----------------------|
| Baseline Year (10/11) | 3,483,468 | 1,355 |
| Performance Year (18/19) | 3,580,000 | 1,393 |

EUI-Adjusted Floor Area = A+(2x(B+C))+D

| | Performance Year | Baseline Year |
|--|------------------|---------------|
| Gross Floor Area of Building Space (sq ft) | 3580000 | 3,483,468 |
| Floor area of lab space (sq ft) | 17,950 | |
| Floor area of healthcare space (sq ft) | 9,401 | |
| Floor Area of other energy intensive space (sq ft) | 37,104 | |
| EUI-Adjusted Floor Area | 3,671,806 | |

Total Energy Consumption (Site Energy) = ((A+B) x 0.003412) + C + D

| | Performance Year | Baseline Year |
|---|------------------|--|
| Imported Electricity (kWh) | 29,975,582 | 36,738,876 * FY18/19 The Woods = 1,780,320 kWh of the total |
| Electricity from on-site, non-combustion facilities/devices (kWh) | 0 | 0 |
| Stationary fuels used on-site to generate electricity and/or thermal energy (MMBtu) | 351,679 | 363,467 *Natural Gas used at Heating Plant to generate steam |
| Imported steam, hot water, and/or chilled water (MMBtu) | 0 | 0 |
| Total Energy Consumption (Site Energy) | 453,956 | 488,820 |

Total Energy Consumption (Source Energy) = ((A x B) + C) x .003412) + D + E

| | Performance Year | Baseline Year |
|--|------------------|--|
| Imported Electricity (kWh) | 29,975,582 | 36,738,876 * FY18/19 The Woods = 1,780,320 kWh of the total |
| Source-site Ratio for grid-purchased electricity | 3.14 | 3.14 * per Technical Manual |
| Electricity from on-site, non-combustion facilities/devices (e.g. renewable energy systems)(kWh) | 0 | 0 ** |
| Stationary Fuels used on-site to generate electricity and/or thermal energy (MMBtu) | 351,679 | 363,467 *Natural Gas used at Heating Plant to generate steam |
| Imported Steam, hot water, and/or chilled water (MMBtu) | 0 | 0 |
| Total Energy Consumption (Source Energy) | 672,828 | 757,076 |

Total Degree Days

| | Performance Year | Baseline Year |
|--------------|------------------|---------------|
| Heating | 9,679 | 9,032 |
| Cooling | 213 | 274 |
| Total | 9,892 | 9,306 |

** boilers produce steam with natural gas / turbine produces electricity as a result ~ cannot use

OP5: Point Calculation

Part 1: $3.5 \times ((A - (B/C)/D)/A$

- A. Minimum Performance Threshold (in MMBtu per Square Foot) 1,393
- B. Total Energy Consumption (site energy), performance year 453,956
- C. EUI - Adjusted floor area, performance year (square foot) 3,671,806
- D. Total Degree Days, performance year (heating + cooling) 9,892

Part 1 Points: 3.4999999969

Part 2: $6 \times ((A/B) - (C/D)) / (A/B)$

- A. Total Energy Consumption (source energy)(MMBtu), Baseline year 757,076
- B. Gross Floor Area of Space (square foot), Baseline Year 3,483,468
- C. Total Energy Consumption (source energy)(MMBtu), Performance year 672,828
- D. Gross Floor Area of Space (square foot), Performance Year 3,850,000

Part 2 Points: 1.175337663