Facilities Classification for Energy Consumption

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| --- | --- | --- | --- |
| **To:** | , USF Space Manager | From: | , USF PM |
| Date: | Click here to enter a date. | Prepared by: | , A/E |
| Proj, No.: |  | USF Bldg. No.: |  |
| Proj. Name: |  | USF Bldg. Name: |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Additional Area: | GSF, on line for PO&M funding during: |  | ,       (Month, Year) |
| Renovated Area: | GSF, on line for PO&M funding during: |  | ,       (Month, Year) |

**Total Energy Factor Calculation:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Criteria** |  | Factors |
| **A** | Is 70% or more of the GSF of this facility air conditioned? | yes= **l**  no= **0** | **A=** |
| **B** | Is the building being designed or renovated after 1989? | yes= **l0**  no= **l** | **B=** |
| **C** | % of the gross square footage used for Labs or Research? | % x 20 = | **C=** |
| **D** | % of outside air supplied to the building? | % x 40 = | **D=** |
| **E** | Does the facility have a heavy equipment load?  (Computer equipment, research equipment, autoclaves, fume hoods, etc) | yes= **15**  no= **l** | **E=** |
| **F** | Is this facility an agricultural or maintenance utility shed? | Yes= **0.5**  No= **1** | **F=** |

|  |  |  |
| --- | --- | --- |
| **Formula** | **Calculation** | **Result** |
|  | **[1 +** A **● ((** B **+**C **+**D **+**E **)/100)] ●** F **=** |  |

**Facility Classification:** (Check applicable Building Class based on Total Energy Factor)

|  |  |  |
| --- | --- | --- |
|  | TEF = 1.00 | Facility Class A - Low Energy Usage Building A building with less than 70% of the gross square footage receiving conditioned air. |
|  | **TEF = 1.01 - 1.25** | Facility Class B - General Office Building A building that typically contains classrooms, offices, and administrative space. |
|  | **TEF = 1.26 - 1.29** | Facility Class C - General Classroom Building A building that typically contains classrooms, offices, administrative and special spaces such as general teaching labs, auditoriums, etc. |
|  | **TEF = 1.30 - 1.49** | Facility Class D - Fine Arts, Specialized Use, Student Activities Building A building that typically contains classrooms, offices, auditoriums, general patient care and special support space such as locker rooms, teaching gyms, exercise rooms, studios. |
|  | **TEF = 1.50 - 1.60** | Facility Class E - General Science Building A building that typically contains classrooms, offices, wet and dry instructional labs to support general instruction and research. |
|  | **TEF = 1.61 - 1.85** | Facility Class F - Research, Medical, Advanced Technology Building A building that typically contains classrooms, offices, and highly specialized labs supporting upper level undergraduate programs, graduate programs, medical technology and sponsored research efforts |
|  | **TEF = < 1.00** | **Facility Class G - Agricultural and maintenance support sheds or buildings.**  A building that may typically be used for agricultural and maintenance support and contains no air conditioned space and little or no utility usage. |

I certify that the above information is correct and accurate.

|  |  |
| --- | --- |
| Type Name |  |
| Architect/Engineer of Record for Project | (sign, date) |

**File:** PSG-Exhibit 5-Facilities Classification for Energy Consumption.docx