

ENERGY STATUS: SCHEMATIC DESIGN REPORTING FORM

Project **Project #** **DATE**

Submitted By

Building Type

K-5 School <input type="checkbox"/>	Middle School <input type="checkbox"/>	High School <input type="checkbox"/>
Library <input type="checkbox"/>	Fire/EMS station <input type="checkbox"/>	Office Bldg <input type="checkbox"/>
Detention Facility <input type="checkbox"/>	Judicial Bldg <input type="checkbox"/>	Maintenance <input type="checkbox"/>
Office Bldg Renovation <input type="checkbox"/>	Other	

Square Footage Conditioned Total

Project Design Team

Architect
 Lighting / Electrical Engineer
 Mechanical Engineer

Energy Consumption

Energy Budget Btu/Square foot/Year
 Energy Goal Btu/Square foot/Year
 Energy Projection Btu/Square foot/Year

The analysis of energy consumption is based upon computer simulation of the facility:

	<u>% of Consumption</u>	<u>Btu/Square foot/Year</u>
Heating	..... %	.....
Cooling	..... %	.....
Ventilation/O.A.*	..... %	.....
Interior Lighting	..... %	.....
Other Electrical	..... %	.....
Hot Water	..... %	.....
Other	..... %	.....
Total Building	100%	
Exterior Lighting and other loads %	
Total Facility	100%	

* Assume 15 CFM/person ventilation rate

Time Frame for Life-Cycle Cost Analysis

New Construction Renovation..... Projected Life Of FacilityYears

Energy (And Daylighting) Computer Software Program(S) Used

.....
 Electrical Service Requirements Single phase Three-phase

Anticipated Energy Sources and Systems To Be Used

	Fuel/Energy Source	HVAC/Lighting/HW System Description
Heating
Cooling
Hot Water
Lighting
Fire Pump
Generator

ENERGY STATUS: DESIGN DEVELOPMENT REPORTING FORM

Project **Project #** **DATE**

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Building Type

K-5 School <input type="checkbox"/>	Middle School <input type="checkbox"/>	High School <input type="checkbox"/>
Library <input type="checkbox"/>	Fire/EMS station <input type="checkbox"/>	Office Bldg <input type="checkbox"/>
Detention Facility <input type="checkbox"/>	Judicial Bldg <input type="checkbox"/>	Maintenance <input type="checkbox"/>
Office Bldg Renovation <input type="checkbox"/>	Other	

Square Footage Conditioned Total

Project Design Team

Architect

Lighting / Electrical Engineer

Mechanical Engineer

Energy Consumption

Energy Budget Btu/Square foot/Year

Energy Goal Btu/Square foot/Year

D.D. Energy Projection Btu/Square foot/Year

S.D. Energy Projection Btu/Square foot/Year

The analysis of energy consumption is based upon computer simulation of the facility:

	<u>% of Consumption</u>	Btu/Square foot/Year
Heating	..... %	.....
Cooling	..... %	.....
Ventilation/O.A.*	..... %	.....
Interior Lighting	..... %	.....
Other Electrical	..... %	.....
Hot Water	..... %	.....
Other	..... %	.....
Total Building	100 %	
Exterior Lighting and other loads %	
Total Facility	100 %	

* Assume 15 CFM/person ventilation rate

Time Frame for Life-Cycle Cost Analysis

New Construction Renovation..... Projected Life Of Facility Years.....

Energy (And Daylighting) Computer Software Program(S) Used

.....

Electrical Service Requirements Single phase Three-phase

Anticipated Energy Sources and Systems To Be Used

	Fuel/Energy Source	HVAC/Lighting/HW System Description
Heating
Cooling
Hot Water
Lighting
Fire Pump
Generator

ENERGY STATUS: CONSTRUCTION DOCUMENTS REPORTING FORM

This form will be used for 60% Construction Documents Phase as well as 100% Construction Documents Phase.

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Building Type

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Library <input type="checkbox"/>	Fire/EMS station <input type="checkbox"/>	Office Bldg <input type="checkbox"/>
Detention Facility <input type="checkbox"/>	Judicial Bldg <input type="checkbox"/>	Maintenance <input type="checkbox"/>
Office Bldg Renovation <input type="checkbox"/>	Other	

Square Footage Conditioned Total

Project Design Team

Architect

Lighting / Electrical Engineer

Mechanical Engineer

Energy Consumption

Energy Budget	.....	Btu/Square foot/Year
Energy Goal	.....	Btu/Square foot/Year
C.D. Energy Projection	.....	Btu/Square foot/Year
D.D. Energy Projection	.....	Btu/Square foot/Year
S.D. Energy Projection	.....	Btu/Square foot/Year

The analysis of energy consumption is based upon computer simulation of the facility:

	<u>% of Consumption</u>	<u>Btu/Square foot/Year</u>
Heating	..... %	.....
Cooling	..... %	.....
Ventilation/O.A.*	..... %	.....
Interior Lighting	..... %	.....
Other Electrical	..... %	.....
Hot Water	..... %	.....
Other	..... %	.....
Total Building	100 %	
Exterior Lighting and other loads %	
Total Facility	100 %	

* Assume 15 CFM/person ventilation rate

Analysis Completed During Construction Documents
 Please explain any variance from previous energy consumption projections

Maintenance
 Please explain the building maintenance ramifications of energy-saving features which require high maintenance.

ENERGY STATUS: BIDDING PHASE REPORTING FORM

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Submitted By

Building Type

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Library <input type="checkbox"/>	Fire/EMS station <input type="checkbox"/>	Office Bldg <input type="checkbox"/>
Detention Facility <input type="checkbox"/>	Judicial Bldg <input type="checkbox"/>	Maintenance <input type="checkbox"/>
Office Bldg Renovation <input type="checkbox"/>	Other	

Square Footage Conditioned Total

Project Design Team

Architect

Lighting / Electrical Engineer

Mechanical Engineer

Energy Consumption

Energy Budget Btu/Square foot/Year

Energy Goal Btu/Square foot/Year

Bidding Phase Energy Projection Btu/Square foot/Year

C.D. Energy Projection Btu/Square foot/Year

The analysis of energy consumption is based upon computer simulation of the facility:

	<u>% of Consumption</u>	<u>Btu/Square foot/Year</u>
Heating	..... %	.....
Cooling	..... %	.....
Ventilation/O.A.*	..... %	.....
Interior Lighting	..... %	.....
Other Electrical	..... %	.....
Hot Water	..... %	.....
Other	..... %	.....
Total Building	100 %	
Exterior Lighting and other loads%	
Total Facility	100 %	

* Assume 15 CFM/person ventilation rate

Status Report

Please explain any variance from previous energy consumption projections that may result from accepted alternates/change orders/modifications during construction.