

# Energy & Sustainability Record Card

## PROJECT INFORMATION

Project No.:	FY	MILCON Project No. / Other Customer Reference No.:		
Project Title:				
Location:				
USACE Project Manager:			Project Design Level:	
Facility Area:	Units (SF/SM):	Category Code:	Facility #:	
AE Firm Name:				
AE Contract # & T.O.:		AE Sustainability POC:		
Construction Contractor:			Award Date:	
Construction Contract & T.O.:			BOD Date:	
Contractor Sustainability POC:				

## SUSTAINABILITY DATA - GUIDING PRINCIPLES for SUSTAINABLE DEVELOPMENT

**OVERALL COMPLIANCE:**

**Complies with UFC 1-200-02 and Agency Sustainability Policy Building does not meet the criteria for tracking in UFC 1-200-02/Policy**

**An Exemption has been:      Requested      Granted      N/A**

**BUILDING IDENTIFICATION:**

- 1 How many buildings are included in this project?
- 2 Of those, which building is this form for?
- 3 New building or stand-alone addition greater than or equal to 10,000 GSF?    Yes            No

- If project is for more than one building for which tracking is required, complete a separate form for each building.  
 - If an element was not achieved at project completion, mark "Not Attained" and include a justification in the "Not attained reason" field.

**DOCUMENTATION OF COMPLIANCE WITH GUIDING PRINCIPLES**

**I. Employ Integrated Design Principles**

1 Integrated Design

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
		Mission preclusion		Building/site issue
		Not LCCE		Renovation only: not part of scope
		Installation/region issue		
	Not attained reason			

2 Commissioning

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
		Mission preclusion		Building/site issue
		Not LCCE		Renovation only: not part of scope
		Installation/region issue		
	Not attained reason			
	(i) Systems commissioned			

**II. Optimize Energy Performance**

3. Energy Efficiency

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
		Mission preclusion		Building/site issue
		Not LCCE		Renovation only: not part of scope
		Installation/region issue		
Not attained reason	<input type="text"/>			
(i) Energy Savings Below Baseline %				
(ii) Energy Standard	ASHRAE 90.1-2013 (06NOV16+)		IECC	
	ASHRAE 90.1-2016		OTHER:	
	<input type="text"/>			

C. Energy Efficient Products

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
		Mission preclusion		Building/site issue
		Not LCCE		Renovation only: not part of scope
		Installation/region issue		
Not attained reason	<input type="text"/>			

4. Renewable Energy

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
		Mission preclusion		Building/site issue
		Not LCCE		Renovation only: not part of scope
		Installation/region issue		
Not attained reason	<input type="text"/>			

A. Renewable energy technology types

- |                                    |   |
|------------------------------------|---|
| Geothermal                         | Daylighting (quantified passive)        |
| Ground Source Heat Pumps           | Mechanical (i.e., direct water pumping) |
| Solar Photovoltaic                 | Micro-hydro                             |
| Solar Thermal - domestic hot water | Concentrating (sterling)                |
| Solar Thermal - space conditioning | Wind                                    |

(i) Annual % of total load

(ii) System size (kwatts)

B. Solar Hot Water Percentage - 30% target

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
		Mission preclusion		Building/site issue
		Not LCCE		Renovation only: not part of scope
		Installation/region issue		
Not attained reason	<input type="text"/>			

(i) Annual % of total load \_\_\_\_\_

(ii) System size (kBTU/Year) \_\_\_\_\_

5. Meter (Energy)

<u>Attained</u>	In Compliance	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A	<input type="checkbox"/> Not Attained
		N/A due to		
		<input type="checkbox"/> Mission preclusion		<input type="checkbox"/> Building/site issue
		<input type="checkbox"/> Not LCCE		<input type="checkbox"/> Renovation only: not part of scope
		<input type="checkbox"/> Installation/region issue		

Not attained reason

6. Energy Use Intensity kBTU/Sq Ft/Year

(i) Total Design Energy Use Intensity (EUI): kBTU/Sq Ft/Year

III. Protect and Conserve Water

7. Indoor Water Use

A. Water-Efficient Products

<u>Attained</u>	In Compliance	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A	<input type="checkbox"/> Not Attained
		N/A due to		
		<input type="checkbox"/> Mission preclusion		<input type="checkbox"/> Building/site issue
		<input type="checkbox"/> Not LCCE		<input type="checkbox"/> Renovation only: not part of scope
		<input type="checkbox"/> Installation/region issue		

Not attained reason

(i) Total Design Indoor Water Use Intensity (WUI): Gallons/Sq Ft/Year

B. Indoor Water Meter

<u>Attained</u>	In Compliance	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A	<input type="checkbox"/> Not Attained
		N/A due to		
		<input type="checkbox"/> Mission preclusion		<input type="checkbox"/> Building/site issue
		<input type="checkbox"/> Not LCCE		<input type="checkbox"/> Renovation only: not part of scope
		<input type="checkbox"/> Installation/region issue		

Not attained reason

8. Outdoor Water Use

A. Outdoor Water Meter (for 25,000 SF of irrigation)

(i) Is there a permanent irrigation system serving more than 25,000 SF of landscaping?  
 Yes  No

(ii) Water Meter

<u>Attained</u>	In Compliance	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A	<input type="checkbox"/> Not Attained
		N/A due to		
		<input type="checkbox"/> Mission preclusion		<input type="checkbox"/> Building/site issue
		<input type="checkbox"/> Not LCCE		<input type="checkbox"/> Renovation only: not part of scope
		<input type="checkbox"/> Installation/region issue		

Not attained reason

B. Water-efficient landscape

<u>Attained</u>	In Compliance	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A	<input type="checkbox"/> Not Attained
		N/A due to		
		<input type="checkbox"/> Mission preclusion		<input type="checkbox"/> Building/site issue
		<input type="checkbox"/> Not LCCE		<input type="checkbox"/> Renovation only: not part of scope
		<input type="checkbox"/> Installation/region issue		

Not attained reason

9. Alternative Water Use

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
		Mission preclusion		Building/site issue
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		Installation/region issue		

Not attained reason

Methods Used:	Air Handler Condensate Capture	Reclaimed Water
	Grey Water	Treated Wastewater
	Harvested Rainwater	OTHER:

10. Stormwater Management - update the LID Data tab

**IV. Enhance Indoor Environmental Quality**

11. Ventilation and Thermal Comfort

A. Ventilation

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
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Not attained reason

B. Thermal Comfort

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
		Mission preclusion		Building/site issue
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		Installation/region issue		

Not attained reason

12. Daylighting and Lighting Controls

A. Daylight

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
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		Installation/region issue		

Not attained reason

B. Automatic dimming controls

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
		Mission preclusion		Building/site issue
		Not LCCE		Renovation only: not part of scope
		Installation/region issue		

Not attained reason

13. Indoor Air Quality

A. Moisture Control

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
		Mission preclusion		Building/site issue
		Not LCCE		Renovation only: not part of scope
		Installation/region issue		

Not attained reason

B. Low-Emitting Materials

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
		Mission preclusion		Building/site issue
		Not LCCE		Renovation only: not part of scope
		Installation/region issue		

Not attained reason

C. Indoor Air Quality during Construction

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
		Mission preclusion		Building/site issue
		Not LCCE		Renovation only: not part of scope
		Installation/region issue		

Not attained reason

14. Occupant Health and Wellness

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
		Mission preclusion		Building/site issue
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		Installation/region issue		

Not attained reason

**V. Reduce the Environmental Impact of Materials**

15. Material Content and Performance

A. Resource Conservation and Recovery Act (RCRA) Section 6002 (recycled content)

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
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		Installation/region issue		

Not attained reason

B. Farm Security and Rural Investment Act (FSRIA) section 9002 (Biobased content)

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
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		Installation/region issue		

Not attained reason

16. Waste Management

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
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		Installation/region issue		
Not attained reason				

17. Waste Diversion - 60% target

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
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		Installation/region issue		
Not attained reason				

(i) Percent diverted \_\_\_\_\_

**VI. Assess and Consider Climate Change Risks**

18. Address Climate Change Risk

<u>Attained</u>	In Compliance	Yes	N/A	Not Attained
		N/A due to		
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		Installation/region issue		
Not attained reason				

**THIRD PARTY CERTIFICATION INFORMATION**

Is this building pursuing Third Party Certification?   Yes   No

Reason not included

**Sustainability Third Party Certification Rating**

Third Party Certification Rating System and Level	
USGBC LEED Certified	GBI Green Globes 1 Globe
USGBC LEED Silver	GBI Green Globes 2 Globes
USGBC LEED Gold	GBI Green Globes 3 Globes
USGBC LEED Platinum	GBI Green Globes 4 Globes
USGBC "Guiding Principles Assessment"	GBI "Guiding Principles Compliance"
OTHER:	