



US Army Corps  
of Engineers®

# ENGINEERING AND CONSTRUCTION BULLETIN

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**SUBJECT:** Update to P2 Sustainability Reporting Requirements.

**CATEGORY:** Directive and Policy.

## 1. References

a. Army Sustainability Implementation Guide, Headquarters US Army Corps of Engineers, 28 February 2023:

[https://rfpwizard.mrsi.erdcdren.mil/MRSI/content/sustain/Library/Policy%20and%20Guidance/Army%20Sustainability%20Implementation%20Guide\\_JAN23.pdf](https://rfpwizard.mrsi.erdcdren.mil/MRSI/content/sustain/Library/Policy%20and%20Guidance/Army%20Sustainability%20Implementation%20Guide_JAN23.pdf)

b. Unified Facilities Criteria (UFC) 1-200-02, Subject: High Performance and Sustainable Building Requirements, With Change 2, 1 June 2022:

<https://www.wbdg.org/ffc/dod/unified-facilities-criteria-ufc/ufc-1-200-02>

2. **Purpose.** This Engineering and Construction Bulletin (ECB) provides information on how to utilize P2 for sustainability tracking.
3. **Applicability.** This ECB applies to all USACE existing and new Military and Civil Works vertical construction projects which have not completed project close out. These existing and new vertical construction projects must comply with this reporting requirement indicating project sustainability status. All other agencies and stakeholders are encouraged to conduct similar sustainability reporting methods.
4. **Background.** Sustainability requirements are identified throughout federal laws, executive orders, and Department of Defense (DoD) and Department of the Army (DA) policies. DoD and each agency monitor and track compliance of sustainable laws and policies. Sustainability reporting occurs annually during the Command Energy Brief and in the Annual Energy Management and Resilience (AEMR) Report. Sustainability tracking is required to report sustainability achievements accurately and consistently and to ensure that applicable new construction and major renovations meet the Energy Independence and Security Act (EISA), Energy Policy Act (EPAct), and UFC 1-200-02.

**ECB No.** 2023-07

**Subject** Update to P2 Sustainability Reporting Requirements.

5. **Policy.** P2 Users, in conjunction with the Project Technical Lead, USACE Project Manager (PM), Resident Engineer, and Geographic District Sustainability POC (if available) will ensure sustainability status information is entered into P2 accurately at the following milestones:

MILCON Milestones

Parametric Design

Final Design

Design Submittal Complete

Construction Submittal (BOD)

Construction Submittal Complete

Final Submittal Complete

Civil Works Milestones

Agreement Execution (CW130 or similar)

Plans & Specs Approval (CW330)

RTA (CW400)

Beneficial Occupancy Date (CC850)

Construction Contract Complete (CC820)

Notice of Project Completion (CC480)

At each milestone, all six fillable P2 sustainability tracking fields below must be updated:

- Sustainability Registration #
- Sustainability Rating
- % Energy Reduction Below Baseline
- Completed Sustainability Milestone
- Sustainability Submission Date
- Sustainability Points Achieved

The referenced Army Sustainability Implementation Guide includes guidance for USACE project managers on the new P2 sustainability reporting requirements, also in Attachment A.

6. **Point of Contact.** HQUSACE point of contact for this ECB is Edward Citzler, AIA, COR, CECW-EC, 817-886-1769.

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**ATTACHMENT A – P2 SUSTAINABILITY REPORTING**

**1. Reporting Background**

Sustainability requirements are identified throughout laws, executive orders, and policies. Department of Defense (DoD) Sustainable Buildings Policy identifies the responsibility to ensure applicable new buildings and major renovations meet Energy Independence and Security Act (EISA), Energy Policy Act (EPAct), and UFC 1-200-02. DoD and each agency monitor and track compliance of sustainable laws and policies. Sustainability reporting occur annually during the Command Energy Brief and in the Annual Energy Management and Resilience (AEMR) Report. Annual reporting data required include total number of Third Party Certified (TPC) projects, number non-certified projects, and percentage energy use below baseline, per fiscal year. UFC 1-200-02 requires projects track and report compliance to High Performance and Sustainable Building Requirements (HPSB).

**2. Applicability**

Existing and new projects which have not completed project close out must comply with this mandatory reporting requirement indicating project sustainability status within P2. The Project Manager (PM) shall ensure six P2 fields described under guidance are provided and updated throughout the project, as applicable to the project scope.

**3. Guidance**

PM in conjunction with project Technical Lead, Resident Engineer, and District Sustainability POC (if available) shall ensure sustainability status information applied to the project P2 schedule are accurate and applied to P2 per the schedule milestones indicated below. Each six P2 fields are defined below.

Figure 5 – P2 Sustainability Tracking Fields

Proposed P2 Sustainability Tracking Columns					
Sustainability Registration #	Sustainability Rating	% Energy Reduction Below Baseline	Completed Sustainability Milestone	Sustainability Submission Date	Sustainability Points Achieved
	None	%	Sustainable project Registered		0-110
	LEED Certified		Design Submittal complete		
	LEED Silver		Construction Submittal Complete		
	LEED Gold		Final Submission complete		
	LEED Platinum		Waiver Approved		
	Green Globes 1		Waiver Submitted		
	Green Globes 2				
	Green Globes 3				
	Green Globes 4				
	Guiding Principles GBCI				
	Guiding Principles GBI				

**4. Sustainability Registration # (Core field)**

Field requires a 10-digit or less number reflecting the projects registration number or '0', if registration is not required by UFC 1-200-02. Each third-party certification (TPC) will provide a unique registration number. Army policy requires utilization of Leadership in Energy and Environmental Design (LEED) rating system, which provides a 10-digit number (ex. 1000093296). Registration number indicates a project has been registered at the beginning of the project and ties the P2 number to the registration number, allowing 2 databases can be cross referenced for stakeholder reporting and analysis.

**5. Sustainability Rating (Core field)**

Field requires projects to indicate if the project scope meets UFC 1-200-02 requirement threshold for TPC and which TPC system will be utilized to meet this requirement. The field provides pull down options for one of eleven values: None, LEED Certified, LEED Silver, LEED Gold, LEED Platinum, Green Globes 1, Green Globes 2, Green Globes 3, Green Globes 4, Guiding Principles GBCI, Guiding Principles GBI. Army policy requires LEED Silver certification unless a waiver is approved.

**6. % Energy Reduction Below Baseline (Core field)**

Field requires projects to indicate percentage of energy reduction below baseline achieved beyond current EPACT 05 requirements. The field is limited to 2-digit number.

**7. Completed Sustainability Milestone (Core field)**

Field requires projects to indicate the current status of the projects TPC submission. The field provides pull down options for one of seven values: Sustainable project Registered, Design Submittal Complete, Construction Submittal Complete, Final Submission Complete, Waiver Approved, and TPC Not Required per UFC 1-200-02. If a project is not required to pursue TPC, project will leave this field blank.

**8. Sustainability Submission Date (Core field)**

Field requires projects to indicate the current submission date and timing of projects progress toward TPC. The field requires date XX-XXX-XX format. Submission date should be the date the project submitted to TPC or waiver review. If project does not require TPC, provide date of final design within this field. This field allows USACE HQ to analyze enterprise durations between submissions.

**9. Sustainability Points Achieved (Core field)**

Field requires projects to indicate current point goal and/or achieved points meeting sustainability requirements. The field requires a number between 0 and 110. Point goals and current achieved points can indicate projects risk level of achieving TPC. Army policy requires LEED Silver at 50 points, but teams should be projected to achieve 54 or more points at parametric design phase. As projects progress, some LEED points typically become unachievable.

**10. Schedule Milestones**

Sustainability reporting shall be indicated and/or updated at the following project milestones.

**11. Parametric Design (RFP / 15% Design)**

- Sustainability Registration #
- Sustainability Rating Requirement
- Completed Sustainability Milestone
- % Energy Reduction Below Baseline
- Sustainability Points Achieved (projects points goal)

**12. Final Design**

- All reporting under previous milestones completed
- Final % Energy Reduction Below Baseline (confirm updated % energy reduction below baseline as defined by EPACT 05)
- Sustainability Submission Date (Design)
- Sustainability Points Achieved (projects contract required points)

- 13. Design Submittal Complete**
  - All reporting under previous milestones completed
  - Completed Sustainability Milestone
  - Sustainability Points Achieved (projects achieved TPC design points)
- 14. Construction Submittal (BOD)**
  - Sustainability Submission Date (Construction)
- 15. Construction Submittal Complete**
  - All reporting under previous milestones completed
  - Completed Sustainability Milestone
  - Sustainability Points Achieved (projects achieved TPC design & construction points)
- 16. Final Submittal Complete**
  - All reporting under previous milestones completed
  - Completed Sustainability Milestone
  - Sustainability Points Achieved (projects final achieved TPC total points)