USACE Hydropower and Energy Dominance

The Army Corps of Engineers is the **single largest** owner-operator of hydropower in the United States. Nearly **half** of the existing hydro fleet is federally owned.

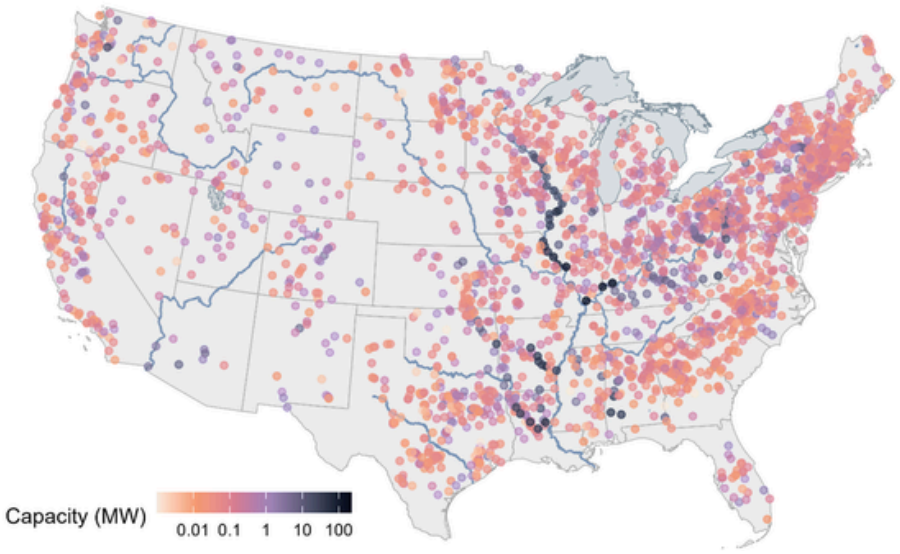
USACE Generates 25% of U.S. Hydroelectricity

23.9 GW

7 million homes worth of existing capacity

3.4 GW

1 million homes worth of potential capacity at federal dams



Map of non-powered dams with highest power potential

> Over **85%** of all non-powered dam potential is at federal dams, especially those along the Mississippi River.

We Cannot be Energy Dominant Without Hydro

Both President Trump and Congress have made it clear that **hydropower is essential** to the energy dominance agenda. Now, more than ever, the U.S. needs **reliable, baseload power**.

- **Unleashing American Energy** (EO 14154)
- **Declaring a National Energy Emergency** (EO 14156)
- **Zero-Based Regulatory Budgeting for Energy** (EO 14270)
- **Restoring Common Sense to Federal Procurement** (EO 14275)
- **Water Resources Reform and Development Act** (Section 1007, 2014)
- **WIIN Act** (Section 1156, 2016)
- **Water Resources Development Act** (Section 146, 2020)
- **James M. Inhofe National Defense Authorization Act FY23** (Section 8123)
- **Water Resources Development Act** (Section 1105, 2024)

NHA National Hydropower Association

National Hydropower Association

Action Needed to Unlock Hydropower and Domestic Industry

Pursuant to **Unleashing American Energy** and **Restoring Common Sense Federal Procurement**, the Army Corps of Engineers can **expand** U.S. hydropower and **revitalize** the domestic supply chain by pursuing the following policies:

1. Formalize the Section 408 Process to Develop New Hydropower at Existing Dams

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U.S. ARMY CORPS OF ENGINEERS
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"2. This memorandum extends the use of reference 1, **until such a time EC 1165-2-220 is superseded by rulemaking.** The process of transitioning the policy and procedures for implementing 33 U.S.C. 408 ("Section 408") from an EC to the Code of Federal Regulations will require extensive review and comment in order to inform any modifications and updates during the rulemaking process. Corps elements implementing Section 408 are therefore directed to continue applying the EC 1165-2-220 **until the Section 408 policy is published in the Code of Federal Regulation."**

MEMORANDUM FOR COMMANDERS, MAJOR SUBORDINATE COMMAND AND DISTRICTS

14-Nov-23

- Since the passage of 33 U.S.C. 408, USACE has managed private hydro development through **temporary guidance** rather than regulation.
- This creates **inconsistency** and **inefficiency** across Districts, inhibiting the expansion of hydropower
- Codifying Section 408 would have a **"net deregulatory effect"** under **EO 14270**

2. Modernize the Procurement of Hydropower Equipment to Renew the USACE Fleet

Current rules and practices **inhibit** the domestic hydropower industry and **fail** to send the market signals needed to **reshore American manufacturing.** Problems include:

- Contract risk imbalances
- Excessive contract complexity
- Delayed progress payments
- Inconsistency across Districts
- Lack of long-term project visibility

"No Bid"

potential for turbine-generator upgrades at **2.2 GW John Day** facility

< 20 plants

in the U.S. capable of **manufacturing or refurbishing** turbines, generators, and exciters

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