



THE OFFICE OF CLEAN ENERGY DEMONSTRATIONS



DOE Energy Storage Grand Challenge Summit

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OCED Mission

Deliver clean energy technology **demonstration projects at scale** in partnership with the **private sector** to **accelerate deployment, market adoption**, and the **equitable transition** to a decarbonized energy system.”



\$90B+

→ \$25B+

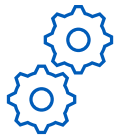
→ 50%

Early investments will catalyze a commercial wave

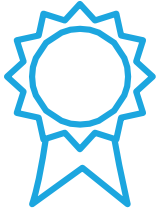
Focused on triggering a wave of private sector financing for commercial deployment of emerging clean energy technologies before the end of the decade.



CO₂



OCED Mandate



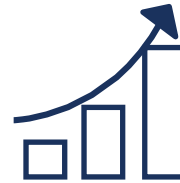
CENTER OF EXCELLENCE

Serve as primary DOE office to deliver full scale clean energy demonstration projects and project management oversight excellence



CLEAN ENERGY & EQUITABLE

Help enable 100% clean electricity by 2035 and net zero emissions by 2050 through an equitable energy transition



FOLLOW ON INVESTMENT

Unlock and scale trillion-dollar clean energy follow on investment from the private sector and other sources of capital



DE-RISK TECHNOLOGY

Maintain risk-based, balanced, and defensible portfolio of investments



ENGAGEMENT & OUTREACH

Leverage private sector and broader energy ecosystem to inform OCED and DOE technology commercialization efforts



Prioritizing Community Benefits in OCED Projects

OCED **requires** applicants to include a Community Benefits Plan to help ensure broadly shared prosperity in the clean energy transition.

By **prioritizing community benefits**, we can ensure the next chapter in America's energy story is marked by greater justice, equity, security, and resilience.

Community & Labor Engagement



Diversity, Equity, Inclusion, & Accessibility



Investing in the American Workforce



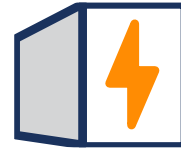
Justice40 Initiative





Long-Duration Energy Storage Demonstrations

Three programs



\$350M for Long-Duration Energy Storage Demonstrations:

Demonstration projects targeted towards a range of LDES technology types.



\$100M for Energy Storage Pilots:

Pilot-scale demonstrations for non-lithium, long-duration energy storage solutions.



\$30M for Lab Call:

Testing and validation of early stage LDES systems and installation of LDES for resiliency.