

ENERGY CENTER



U.S.- Israel Energy Center New Call for Proposals - 2026



U.S.-Israel Center of Excellence in Energy, Engineering and Water Technology
(the "Energy Center")

<https://us-isr-energycenter.org/>

Areas of Cooperation

The Energy Center will facilitate joint R&D on energy areas by teams of scientists and engineers from the U.S. and Israel to advance joint research initiatives.

The submission will address three topic areas, from which two consortia will be selected



**Energy-Water
Nexus**



**Energy
Storage**



**Fossil
Fuels**

Further details on each of the areas is provided in
<https://us-isr-energycenter.org/>

Funding Structure

Funding and Cost Share

Cost Share

- Minimum 50%
- Provided by Consortium Members
- Applies to U.S. & Israel

Workshare

- Standard 50% / 50%
- Exceptions allowed
- Max 60% / 40%

Funding

- Paid every 6 months
- Based on progress
- Reports approval required

Two-Phase Funding Model

Phase 1

- 3 Years
- \$6M Grant
- \$12M Total Budget

Phase 2 (Optional)

- 2 Years
- \$3.2M Grant
- \$6.4M Total Budget
- Based on performance & review

Call for Proposals

Energy–Water Nexus

Seeking consortia to advance sustainable, energy-efficient solutions at the water–energy interface

- Mineral Recovery from Brines
- PFAS Removal
- AI and Digital Twins for Water–Energy Optimization
- Resilient Water–Energy Systems under Climate Stress
- Coupled Water–Energy Storage and Operations
- Water treatment based on electrochemistry



Call for Proposals

Energy Storage

Seeking consortia to advance energy storage using metal economy principles-circular metals, critical material reduction and durable, cost-effective systems.



- Alternative Chemistries & Material Efficiency
- Recycling & Closed-Loop Systems
- Standalone Storage for Remote/Grid-Constrained Areas
- Thermal Energy Storage
- Integration & AI Applications
- Long-Duration Storage
- Safety, Reliability & Cost Reduction

Call for Proposals

Fossil Energy

Seeking consortia to advance innovation, efficiency, and sustainability in fossil energy systems



- Ultra-Deep Drilling
- Efficiency in Gas-Based Energy Systems
- Artificial Intelligence Applications
- Pipeline Integrity and Infrastructure Resilience
- Subsurface storage of natural gas
- Deep drilling for geothermal energy

Important Dates

Executive Summaries



June 30, 2026

Final Proposals



September 15, 2026

Awardees Selection



December 2026

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