



SOLENTRA ENERGY
Vision Statement

Solentra Energy - National Clean Energy Grant Pitch

Solentra Energy is building a national clean energy response network, designed to provide mobile solar power to disaster zones, underserved communities, and remote operations across the United States. Our mission is to replace diesel generators with solar-powered trailers and battery systems that are clean, fast-deployable, and ready to go when grid power fails.

Scope of Work

- Develop 3-5 regional solar trailer deployment hubs across the U.S.
- Procure 20+ mobile solar units with battery backup
- Create dispatch-ready inventory of solar equipment
- Train local subcontractor teams in emergency solar installation
- Develop software for field deployment and monitoring

Funding Request: \$10 Million

- \$3M - Equipment and trailer procurement (solar, battery, inverters)
- \$2M - Facility leases and regional logistics
- \$1M - Training, subcontractor onboarding, safety compliance
- \$2M - Software development, inventory tracking, mobile tools
- \$2M - Personnel, grants compliance, marketing, reporting

Projected National Impact

- Serve up to 50+ disaster zones annually
- Power over 1,000 off-grid homes or institutions during emergencies
- Eliminate up to 500 tons of annual diesel CO2 emissions
- Create 40+ jobs across logistics, energy, and tech sectors

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- Expand clean energy access in high-risk and low-income zones