



Healthcare Perspectives on Changing Energy Costs

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Black Owners of Solar Services

Why Hospitals?



High Energy Users

Hospitals operate 24/7 and consume 2.5x more energy per square foot than commercial buildings



Reliability Requirements

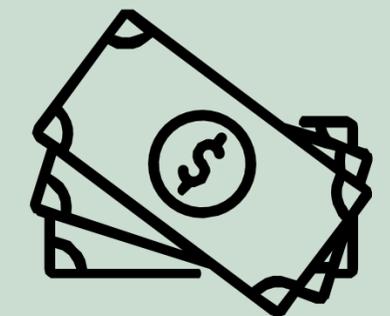
Healthcare facilities need uninterrupted power, creating demand for resilient energy solutions

Why Now?

Healthcare systems are increasingly prioritizing sustainability and energy resilience



Rising energy costs are driving hospitals to explore long-term cost-saving strategies



Case Studies

	Location	Solution (PV + Storage + Gen)	Backup Duration	Financing Model	Incentives / Programs	% Load Offset	Annual Savings (USD)
CrescentCare Health Center (Main Clinic)	New Orleans, Louisiana	Solar + battery + natural gas gen; designed to power entire facility	≈9 hours on battery; ≈10 days with generator	Philanthropic grants + technical assistance	Direct Relief Power for Health; Clean Energy Group TAF		
Shingletown Medical Center	Shingletown, Shasta County, California	Hybrid solar + battery microgrid	Kept clinic open during wildfire-related outages	Philanthropic grant (Direct Relief) + technical support	Direct Relief Power for Health	≈60% of annual electricity use	≈\$15,000 / year
Community Health Centers of the Central Coast – Skyway Telehealth Center	Santa Maria, California	Rooftop solar + battery energy storage	Telehealth continuity through outages	Grant-funded (\$305k)	Direct Relief Power for Health		
Migrant Health Center (Las Marías)	Las Marías, Puerto Rico	Integrated solar + battery system	Designed to remain online through major disasters	Grant-funded (Direct Relief & partners)	Puerto Rico health center resilience initiatives		
Boston Medical Center – Clean Power Prescription	Boston, Massachusetts	519 rooftop panels; virtual net metering credits to patients		Hospital-owned PV; bill credits to patients	State net metering/virtual net metering	50% to hospital office; 50% allocated to patient bill credits	≈\$50/month per patient credit (≈80 patients)
Kaiser Permanente Ontario Medical Center – Renewable Microgrid	Ontario, California	2 MW solar canopies + 9 MWh battery + 1 MW fuel cell (microgrid); diesel gensets retained as tertiary backup	Up to ~10 hours of emergency operations (microgrid as primary backup)	PPA for solar (Ameresco); battery funded by California Energy Commission grant; microgrid by Faraday Microgrids	CEC grant; CMS 2023 categorical waiver enabling renewable microgrids as backup (NFPA 99:2021)		Est. >\$150,000/year (site)

Cross-Cutting Themes

- Quantifying Resilience
- Financing and Funding Innovations
- Policy and Regulatory Enablers
- Technical and Operational Factors
- Embedding Equity and Community Benefit

Empowering Health & Sustainability

Mobilize mission-driven investors to channel low-cost capital to DBE-owned solar firms, catalyzing clean energy access in underserved communities.

Drive clean energy adoption at healthcare systems while creating cascading benefits and addressing historic disinvestment.



Healthcare Renewable Energy Installations



Workforce Development



Capital Mobilization



Replicable Framework



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