



Solar Energy Services

Site Development, Design,
Engineering, and Commissioning



Stark Tech operates as the owner's agent in the development of solar projects, acting as the single point of contact between the land owner, financier, and solar developer to maximize your benefits long-term.



Community Solar

Solar farm design and panel type to support solar projects that benefit the local community. Presentations to local boards /groups available.



Commercial Solar

Preliminary project site feasibility to final construction and commissioning for roof-mounted, ground-mounted, and parking canopy projects.



Utility Scale

Large ground-mounted systems, includes development, land acquisition, leasing, interconnection, and design.

STARK TECH OFFERS COMPREHENSIVE SOLAR DEVELOPMENT SERVICES

Project Development

- Host site analysis and project objectives
- Design and engineering based on life-cycle modeling and forecasting
- Evaluation, selection, and coordination of vendors and subcontractors
- Construction oversight
- Permitting and post-installation inspection

Engineering & Design Services

- Engineer-of-Record services for solar generation projects of all scales and capacity
- Safety and compliance oversight
- Commissioning services

Technical Reviews & Evaluation

- Engineering analysis
- Post-installation & measurement and verification (M&V) reports
- Evaluation of project effectiveness

Operations & Maintenance

Preventative maintenance and equipment repair for solar projects of all sizes, including 24/7 monitoring and rapid response to system alerts or issues as needed.





Why Solar?

Local & Personal Benefits



Solar Farm Benefits for the Community

1. Quiet, safe, no significant glare
2. Offers on average millions of pounds of carbon offsets over the next 20 years
3. Replacing fossil fuels with solar power promotes environmental sustainability
4. Solar panels are durable and function for up to 40 years
5. Warranties guarantee that solar panels will generate at >90% capacity after 10 years of operation, >80% after 20 years
6. There are no upfront costs to enroll in a community solar program
7. Lower energy costs for local residents and businesses
8. Promotes energy independence and creates grid resiliency
9. Energy infrastructure upgrades for local communities
10. Direct contribution to economic growth through job creation in manufacturing, installation, and can diversify a landowner's income and provide financial security to local communities



Solar Farm Benefits for the Land Owner

1. Guaranteed, attractive lease payments for 20+ years
2. Maintain ownership and control of property for future generations
3. After the lease ends, the solar array is removed and the land is restored to its original condition
4. Creates value from unused or vendor utilized land
5. A solar farm constructed on ten acres can offset the equivalent amount of CO₂ as 2,950 acres of U.S. forests each year
6. Projects can provide additional farming opportunities for crops and / or animals

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