



# Investing in Canyon Community Solar Project: Powering Communities Sustainably

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## Why Community Solar Is Redefining Energy Investments

Did you know community solar investment projects are growing 38% faster than residential rooftop installations in the U.S.? The Canyon Community Solar Project exemplifies this shift, offering a groundbreaking model where multiple stakeholders share the benefits of a centralized solar farm. Unlike traditional solar investments requiring rooftop access, this innovation lets renters, businesses, and environmentally conscious investors collectively participate in clean energy generation.

## The Energy Dilemma: High Costs and Limited Access

Over 50% of U.S. households can't install rooftop solar due to upfront costs, unsuitable roofs, or rental agreements. In Colorado alone--where the Canyon Project operates--35% of electricity still comes from coal. This creates a critical challenge: How do we accelerate renewable adoption while ensuring energy equity?

## Three Barriers to Solar Adoption

- \$15,000+ average upfront cost for residential systems
- 4.2 million Colorado residents live in multi-tenant buildings
- Utility-scale projects often exclude local communities from financial benefits

## How Canyon's Model Transforms Solar Economics

The Canyon Community Solar Project solves these challenges through a 30-megawatt shared array powering 8,000+ homes. Participants purchase energy credits at 15-30% below utility rates while receiving SREC (Solar Renewable Energy Credit) income. Investors benefit from:

"A 12-18% projected annual ROI through a 20-year PPA agreement--outperforming most green bonds."

## Smart Technology Integration

Using bifacial solar panels with micro-inverters increases energy yield by 25% compared to conventional setups. Real-time monitoring through Huijue Group's AI platform ensures optimal performance, with predictive maintenance reducing downtime to under 1.2% annually.

## Case Study: Replicating Success in Colorado

In Aurora, Colorado, the Canyon Project's pilot phase demonstrated scalability:

8.3 MW capacity offsetting 11,500 tons of CO<sub>2</sub> yearly



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72% subscriber retention rate over three years

\$2.1 million saved collectively by participants since 2022

## Frequently Asked Questions

**Q1: How does community solar differ from rooftop installations?**

Community solar allows multiple users to share a centralized array without needing personal roof space. Subscribers receive bill credits proportional to their energy share.

**Q2: What investor safeguards exist in the Canyon Project?**

The project uses tri-party contracts with utilities, guaranteed by Colorado's renewable portfolio standards. Insurance includes production guarantees and force majeure coverage.

**Q3: Can international investors participate?**

While currently focused on U.S. markets, the model has been adapted for EU regulatory frameworks. Singapore and Australia are exploring similar community ownership structures.

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