

COLUMBIA MISSOURI COMMUNITY SOLAR PROGRAM

Proposal for West Ash Pump Station and Truman Solar Fields





COMMUNITY BENEFIT

CUSTOMER BENEFITS

- Easy access to renewable resource
- Mobile – within CWL territory
- Transferable
- No maintenance
- Low-risk

UTILITY BENEFITS

- Centralized location
- Promotes renewable resources
- Enhances customer/utility relationship
- Low-risk

SUBSCRIBING TO COMMUNITY SOLAR

- 25 year subscription agreement
 - Customers subscribe per kW / month
 - Limit of 3 kW
 - Application fee of \$27
 - Customer receives monthly credit for production

SUBSCRIBING TO COMMUNITY SOLAR

- Years 1-15 customer covers
 - Capital costs
 - Operations and maintenance (O&M)
 - Production costs
 - Recommended \$9.84 / kW / month
- Years 16-25 customer covers O&M and production only
 - Cost reduction of \$2.23 / kW at that time

SUBSCRIBING TO COMMUNITY SOLAR

- Average monthly net credit / kW, years 1-15
 - $\approx \$1.04$
- Average monthly net credit / kW, years 16-25
 - $\approx \$2.45$
- Anticipate $\approx 1,450$ kWh/kW average annual production
- RECs stay with Water & Light
 - Unless immediately retired in place

SUBSCRIBING TO COMMUNITY SOLAR

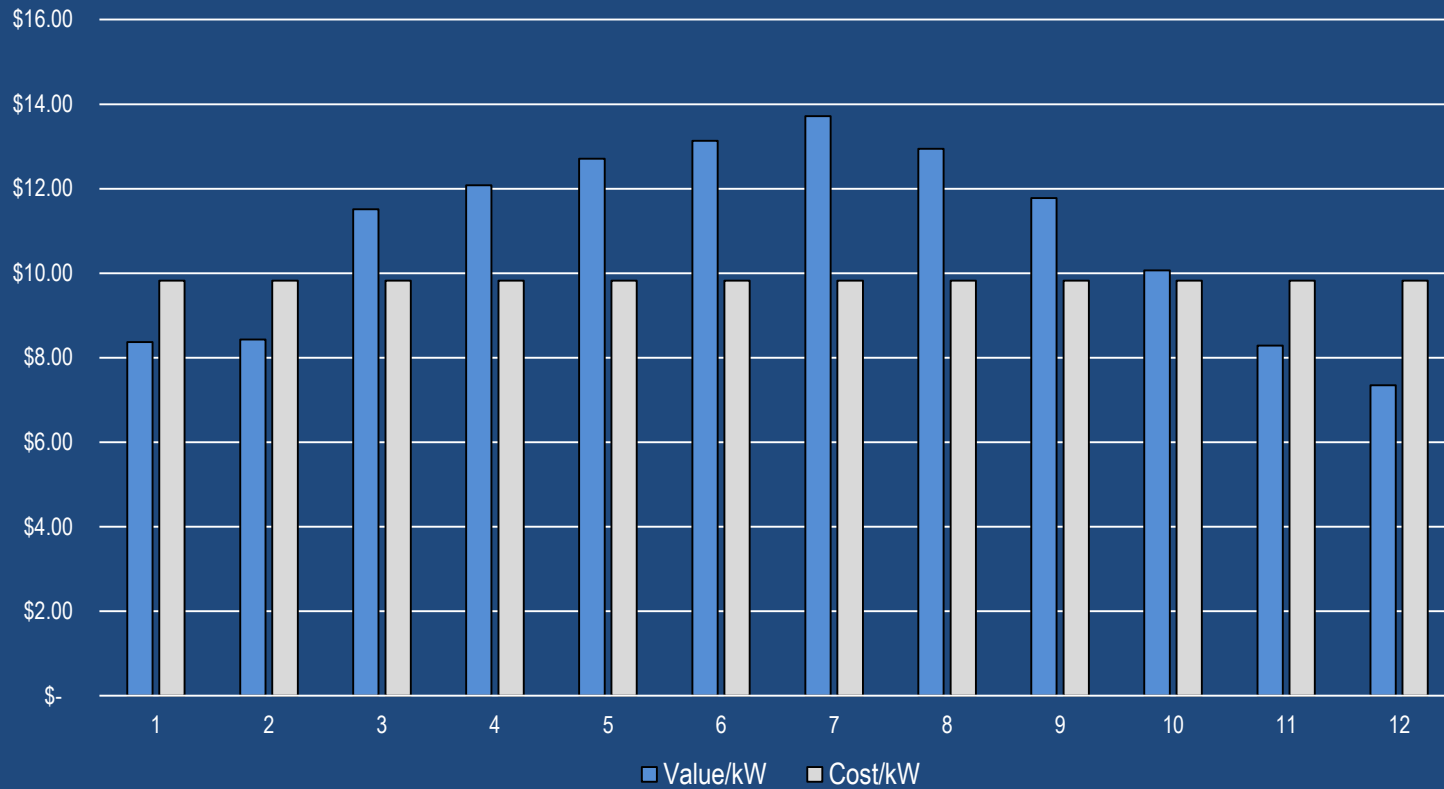
Participation Example

- Customer subscribes to 1 block (kW)
- Total monthly community solar production: 140,000 kWh
 - Customer pays \$9.84
 - $140,000 / 1,000 = 140 \text{ kWh/kW}$
 - $140 \times .0786 = \$11.04$ solar credit on bill
 - $\$9.84 - \$11.04 = \$(1.02)$ net cost to customer

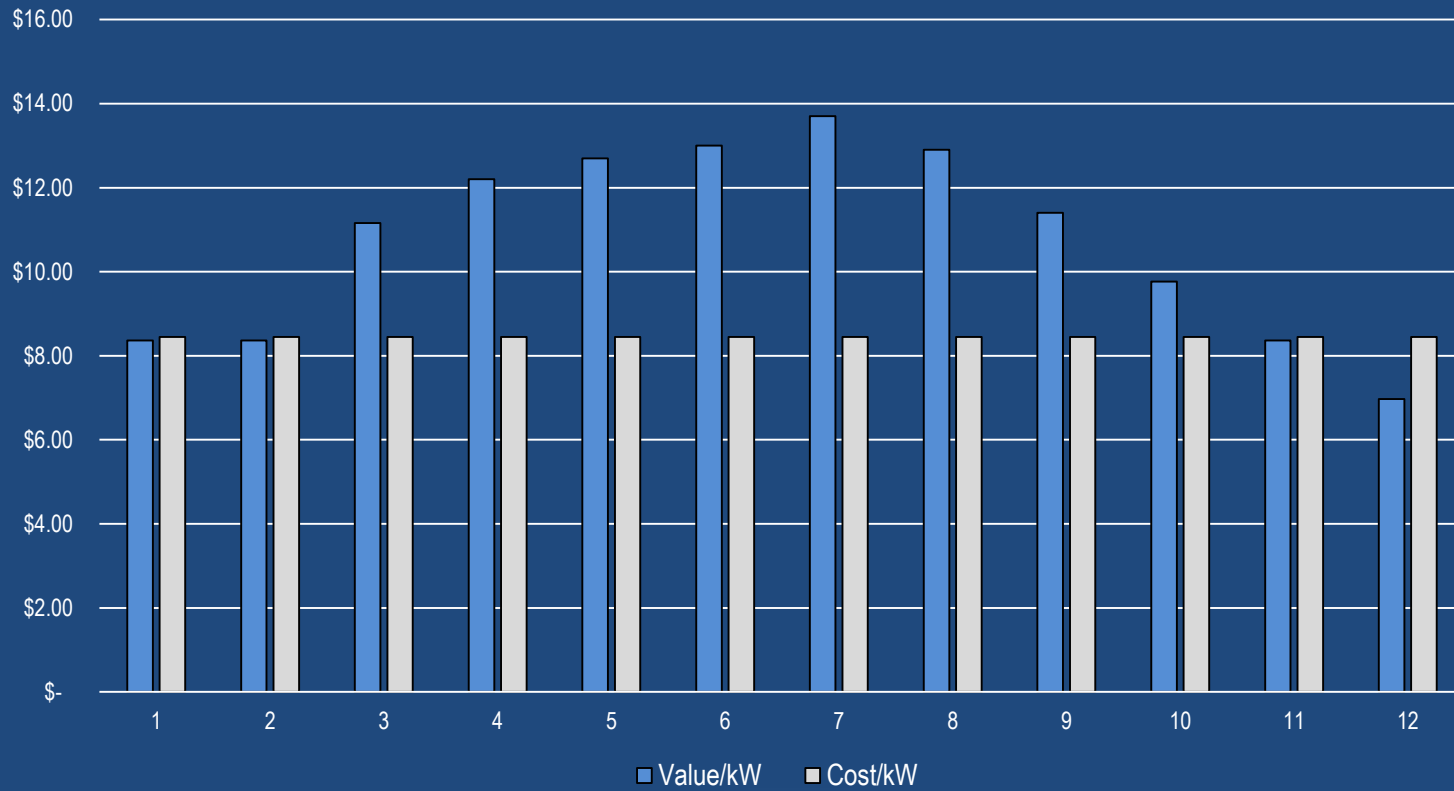
LOW TO MODERATE INCOME COMPONENT

- 100 Blocks of solar reserved for LMI Program
 - No application fee
 - Pay 10% less per kWh
 - 12 Month Cycle
 - Limit of 1 kW
 - Recommended \$9.07 / kW / month
- For participants of area needs-based home repair programs

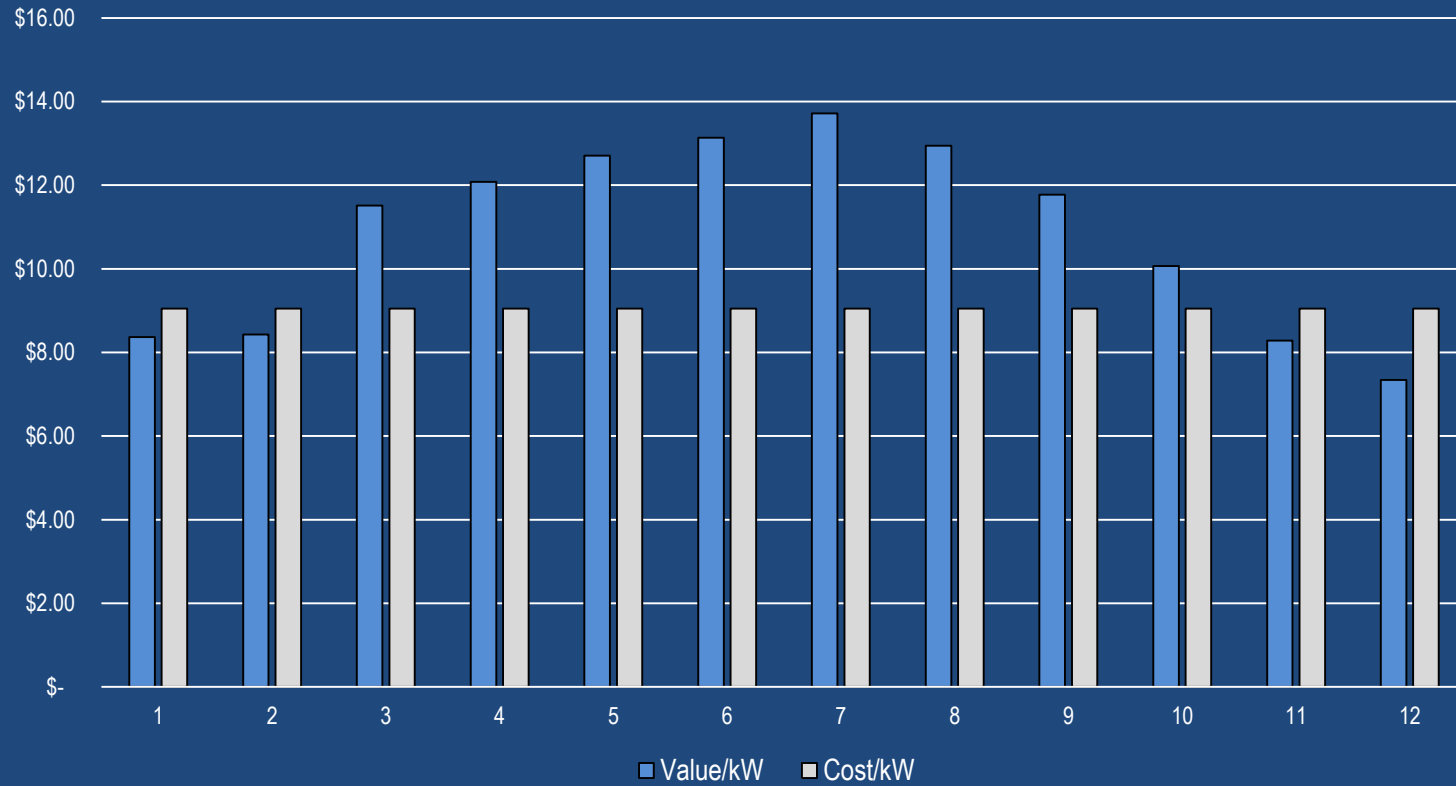
COMMUNITY SOLAR YEARS 1-15



COMMUNITY SOLAR YEARS 16-25



LOW TO MODERATE INCOME SOLAR



SOLAR FOR ALL

- Low risk for customer and utility
 - Makes financial sense for all parties
 - Access to renewable resource
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QUESTIONS?

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