

Outline for Columbia, MO STAT project:

"Creating a Municipal Utility Owned Community Solar Program"

1. Executive Summary
2. Background
 - a. Community Solar Concept
 - b. Current Solar Market in Columbia
 - i. Solar rebate program
 - ii. Green Power Program
 - c. Goals of CW&L/ City of Columbia
 - i. Sites Identified/ Techno Economic Potential
 - ii. Delivery of Electricity at More Competitive Rate Than Customer Sited Solar
 - iii. CW&L Renewable Portfolio Standard
 - d. Defining the Market for Community Solar in Columbia
 - i. Levelized Cost of Energy for Solar in Columbia
3. Community Solar Structures and Financing Mechanisms
 - a. Utility Owned v. Third Party Owned
 - i. Qualitative assessment of costs and benefits of each option
 - b. Ability to Take Advantage of Federal Tax Credits Based on Ownership Structure
 - c. Operations and Maintenance Concerns
4. Benefits to Ratepayers
 - a. Net metering costs for distributed systems across ratepayer base
 - b. Community solar system benefits
5. CW&L Implementation of Community Solar
 - a. Profitability Expectations for Community Solar
 - i. Recouping transmission, distribution, interconnection and administrative costs
 - b. Pricing of Community Solar Project
 - c. Billing/ Virtual Net Metering
 - d. Peak Demand Shaving
 - e. Assessing Risks of pursuing community solar buildout
6. Legal and Regulatory Issues for Utility Owned Community Solar
 - a. Local
 - b. State
 - c. Federal
7. Organizational, Human and Infrastructure Needed
 - a. Scheduling and Costs/Budget
 - b. Pro Formas
8. Next steps
 - a. Outline next steps, should the utility choose to pursue community solar