



KANSAS CITY MISSOURI

Ordinance No. 241001

Solar Pre-Development Agreement

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Proposed Solar Array at KCI



Image: City of Kansas City

Purpose

Today's Objective: *Secure City Council approval for the solar pre-development agreement.*

Why It Matters:

- *Energy Redundancy*
- *Supports Kansas City's carbon reduction and renewable energy goals*
- *Boosts economic development and workforce training through sustainable energy projects*

Overview of the Agreement

Partnership:

- *Through partnership with the 816 Solar Consortium, Evergy will lease Kansas City International Airport property to construct and operate a solar array for an initial 30-year term with potential renewals*

City's Role:

- *Facilitate any eligible tax abatements and sales tax exemptions*
- *Collaborate on public communication and seek financial incentives*
- *No direct financial responsibility for the project*

816 Solar Consortium's Role

- *Fully fund, design, build, and maintain the solar array*



Key Features of the Project

Renewable Energy Production:

- *Solar array generating up to 500 MW of zero-carbon energy*

Economic Impact:

- *Creation of construction jobs and support for local businesses*
- *Supply carbon-free, on-peak energy to the Kansas City region electrical grid*

Workforce Development

- *Includes prevailing wage and apprenticeship opportunities for skills in solar construction including earth-work, tracking system installation, panel installation, and electrical commissioning*

MWBE Participation:

- *Project adheres to Kansas City's standard MWBE workforce requirements*

Project Timeline

Design and Feasibility (2025-2026)

- *Complete 10% design package and apply for interconnection with the Southwest Power Pool*

Construction Start (2026-2028)

- *Anticipated to begin following design approvals and interconnection agreements*

World Cup Deadline (May 2026)

- *Visible demonstration project for KCI travelers*

Cost and Financing

Cost Responsibility

- *Entirely funded by the 816 Consortium, including design, construction, and maintenance*

City's Contribution

- *Support through tax abatements*

Energy Rates

- *Impact to energy rates will be determined based on actual costs and approved by the Missouri Public Service Commission*

Addressing Challenges

Regulatory Approval

- *Missouri Public Service Commission will approve Evergy and the consortium's construction of the project*
- *Interconnection with the Southwest Power Pool may cause delays*

Next Steps

- **Lease negotiations continue.** KCAD will be back to present the Lease to TIO & Council for approval in first quarter 2025.
- Develop **10% design** in preparation for SPP application
- Apply to **SPP** for electrical grid interconnection
- Apply to state/federal **grants**
- **Begin detailed design** in support of construction and tax abetments and sales tax exemptions