



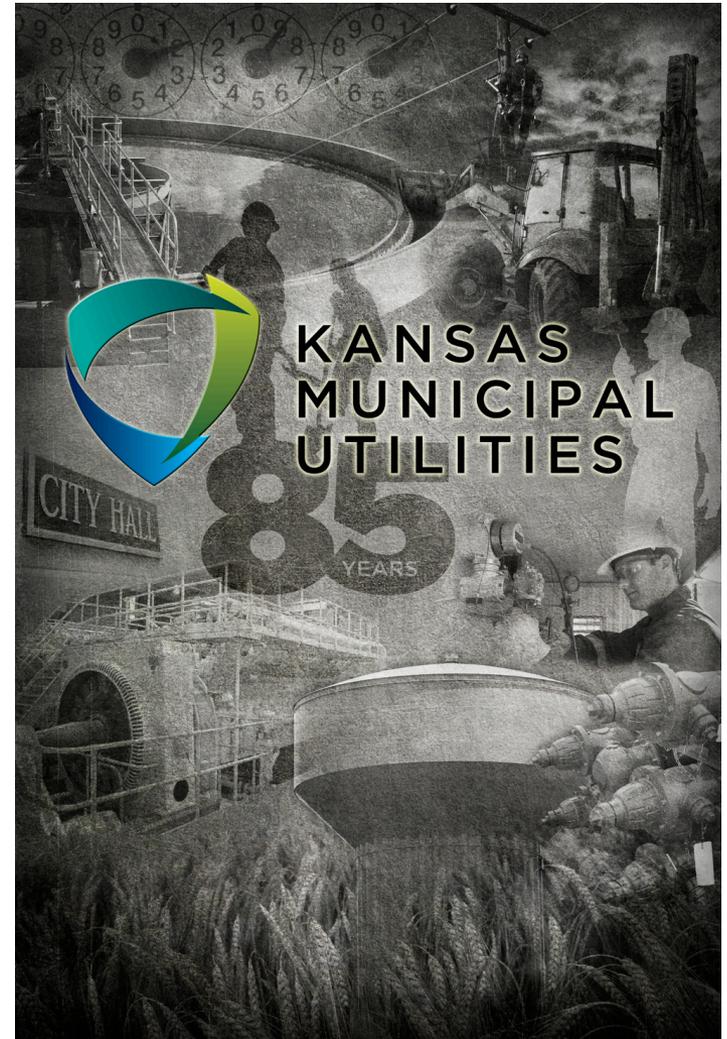
KANSAS
MUNICIPAL
UTILITIES



Clean Power Plan Issues & Concerns

Kansas Municipal Utilities (KMU)

- Statewide Trade Association for Municipal Utilities
 - *Electric*
 - *Natural Gas*
 - *Water*
 - *Wastewater*
 - *Telecommunications*
- 176 Communities Operating One or More Municipal Utilities
- Established in 1928
- Headquartered in McPherson



KMU Members - 2016



Municipal Electric Utilities

- **118** Municipal Electric Utilities in Kansas
 - "Public Power"
 - 4th Most Public Power Systems
 - Iowa (**137**), Minnesota (**125**) & Nebraska (**121**)
 - **Largest:** Kansas City BPU
 - 63,243 meters
 - **Smallest:** City of Radium
 - 25 Customers
- **Median: 841** Customers
 - Examples:
 - Moundridge
 - Arma
 - Greensburg
 - St. John
 - La Crosse
 - *Primarily **Rural** Communities*
 - *Only **Eight** of 119 Public Power Systems Serve In Excess of 5,000 Customers*
 - *Approximately **16%** of Kansas Citizens Served by a Municipal Electric Utility*

Municipal Energy Agencies

- Kansas Municipal Energy Agency (KMEA)
 - Formed in 1980
 - 77 Members
 - Current KMEA Demand \approx 400 MW
 - Overland Park, Kansas
- Kansas Power Pool (KPP)
 - Formed in 2005
 - 23 Members
 - Current KPP Demand \approx 250 MW
 - Wichita, Kansas



Local Generation

- 58 Municipal Utilities Have Local Generating Facilities
- Baseload: Kansas City BPU Nearman Plant (235 MW)
- Reliability & Peaking: 58 Municipal Power Plants
 - McPherson BPU: *239 MW*
 - Coffeyville: *47.5 MW*
 - Winfield: *41 MW*



Kansas Affected EGUs

Coffeyville Mun. Power Plant Unit 4

Empire District - Riverton Unit 7/39

Empire District - Riverton Unit 8/40

Kansas City BPU - Nearman Unit 1

Kansas City BPU - Quindaro Units 1 and 2

KCP&L - La Cygne Units 1 and 2

Mid-Kansas Electric - Cimarron River Unit 1

Mid-Kansas Electric - Fort Dodge Unit 4

Mid-Kansas Electric - Great Bend Unit 3

Sunflower Electric - Garden City Unit S2

Sunflower Electric - Holcomb Unit 1

Westar Energy - Gordon Evans Units 1 and 2

Westar Energy - Hutchinson Unit 4

Westar Energy - Jeffrey Unit 1, 2 and 3

Westar Energy - Lawrence Units 3, 4 and 5

Westar Energy - Murray Gill Units 1, 2, 3 and 4

Westar Energy - Tecumseh Units 7/9 and 8/10

Winfield Mun. Power Plant #2, Unit 4

City of Coffeyville



- General Electric – 38 MW Steam Unit
 - Natural Gas
- 6,300 Electric Meters
- 34 Electric Utility Employees
 - 16 Power Plant Employees

City of Winfield

- General Electric –
26.5 MW Steam
Unit
 - Natural Gas
- 7,651 Electric
Meters
- 25 Electric Utility
Employees
 - 11 Power Plant
Employees



General Comments

- Winfield & Coffeyville CO₂ Reductions Nearly Insignificant Compared to Large Coal-Fired Units. However, Impact on Local Community Could Be Far Greater Due to Small Size.
- Impact of SPP Day-Ahead Market
 - Municipals Generating More in New Environment
- No Opportunity for Fuel Switching to Comply.
- Keep Options Open – Evaluate Rate-Based Approach



KANSAS MUNICIPAL UTILITIES



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