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# Ordinance # 220581



Authorizing the Director of Public Works to execute a Site License Agreement with Eversgy to install, own, operate, and maintain Level Two Electric Vehicle Supply Equipment (EVSE) stations attached to City streetlight poles.

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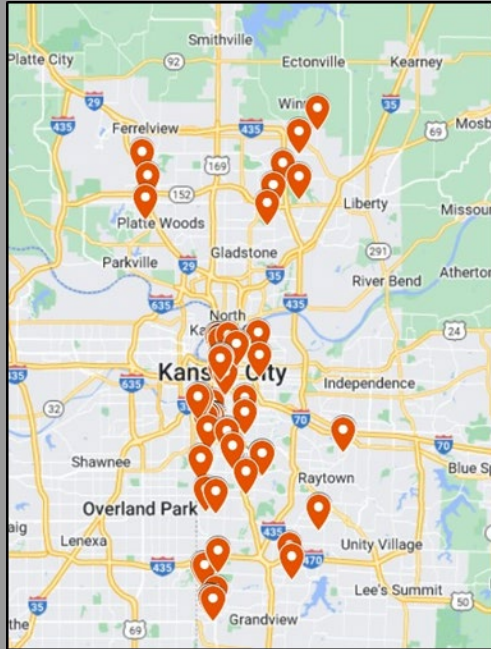


## Streetlight/Curbside Electric Vehicle (EV) Charging Project

- Funded by an U.S. Department of Energy (DOE) grant in 2018
- Metropolitan Energy Center (MEC), the City of Kansas City Missouri, Evergy, and partners collectively identified and evaluated over 300 preliminary locations
- 46 sites were selected for project implementation
- Minimum of 30 locations will be constructed to meet the DOE grant requirements
- Will provide access to EV chargers for renters, multi-family residents, and diverse neighborhoods
- Curbside locations reduce equipment footprint, construction activities, and visual clutter

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## Proposed Locations



CD1	CD2	CD3	CD4	CD5	CD6
9601 N Shannon Ave	7303 NW 75th St	3636 Troost Ave	5417 N Highland Ave	5536 Troost Ave	430 Nichols Rd
9701 N Shannon Ave	7904 N. Granby Ave	1205 Linwood Blvd	700 W 17th St	7203 E Indiana Ave	4811 Roanoke Pkwy
1015 NE Chowning Dr	4507 NE 44th St	3825 Wabash Ave	2304 Holly St	4220 Starlight Rd	1204 Arno Rd
1101 NE Chowning Dr	4204 NE 50th St	100 Monroe Ave	2613 Jarboe St	9812 Sycamore Ave	8235 Summit St
3820 NE 87th St.		5121 Van Brunt Dr	2729 Southwest Blvd	10802 Sycamore Terr	4728 Wyandotte St
8812 N. Mersington Ave		4511 E. 31st St	2735 Southwest Blvd	7709 E. 114th St	300 E. 135th St
8812 NE 114 Terr		3107 Elmwood Ave	2807 Southwest Blvd		320 E. 135th St
			1413 W. 39th St		
			110 W. 3rd St		
			918 E. 5th St		
			1827 Oak St		
			303 E. 18th St		
			1721 Grand Blvd		
			2514 Holmes St		
			4047 Broadway		

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## City Contributions and Responsibilities

- Public Works Streetlight Group - technical review/evaluation of project sites. Provided streetlight asset inventory and attribute information
- Public Works Transportation Group - parking site reviews
- Office of Environmental Quality - review
- Parks and Recreation Department – right of way review
- Board of Parks and Recreation Commissioners - review and approval
- Allow Evergy to access and attach to streetlight infrastructure
- Enforce all City standards related to right of way and attachment to City assets
- Term of agreement with Evergy through December 31, 2032



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## Lessons to be learned

- Evaluate installation, operation, and maintenance costs of the EV chargers
- Evaluate challenges and solutions
- Evaluate potential expansion of curbside chargers
- Evaluate the contribution to City's on-going sustainability goals