

Ameren Missouri's
Response to OPC Data Request - OPC
ER-2024-0319

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Adjust Its Revenues
for Electric Service

No.: OPC 2023

Please provide a breakdown by species type, the total number of known carcasses for each species type, and the date recorded of all “taken” animals of each species type to date as a result of the High Prairie Renewable Energy Center’s operations.

RESPONSE

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Date: 11-13-2024

Please refer to the following tables, extracted from each annual report. Please also note that specific dates each animal were found and other additional information are also contained in those reports. Those reports have been previously provided.

2020

For 2020, please refer to Table 3-1 from the Annual Report (2020 High Prairie Wind Farm PCM_01-13-2020.pdf).

Table 3-1. Summary of all bat carcasses found during standardized carcass surveys during the 2020 post-construction monitoring study at the High Prairie Wind Farm in Schuyler and Adair counties, Missouri.

Species	Standard Searches		Incidental		Total	
	Number found	Percent	Number found	Percent	Number found	Percent
Silver-haired bat	2	50%	3	75%	5	62.5%
Evening Bat	1	25%	0	0%	1	12.5%
Indiana bat	1	25%	0	0%	1	12.5%
Hoary Bat	0	0%	1	25%	1	12.5%
Total	4	100%	4	100%	8	100%

2021

For 2021, please refer to Table 3-2 from the Annual Report (High Prairie PCM Report_03-01-2022.pdf).

Table 3-2. Summary of all bat carcasses found during standardized carcass searches between April 1 and October 31, 2021, during post-construction monitoring at the High Prairie Renewable Energy Center, Schuyler and Adair Counties, Missouri.

Species (state/federal status)	Count (species composition)			
	Spring	Summer	Fall	Total
Evening Bat	0	54 (34.4%)	2 (15.4%)	56 (32.4%)
Hoary Bat (SOCC ¹)	0	36 (22.9%)	0	36 (20.8%)
Eastern Red Bat	1 (33.3%)	19 (12.1%)	7 (53.8%)	27 (15.6%)
Silver-haired Bat (SOCC)	1 (33.3%)	19 (12.1%)	3 (23.1%)	23 (13.3%)
Big Brown Bat	0	20 (12.7%)	1 (7.7%)	21 (12.1%)
Indiana Bat (Covered Species, state & federally endangered, SOCC)	1 (33.3%)	6 (3.8%)	0	7 (4.0%)
Little Brown Bat (Covered Species, SOCC)	0	1 (0.6%)	0	1 (0.6%)
Tricolored Bat (SOCC)	0	1 (0.6%)	0	1 (0.6%)
Unknown (not Myotis)	0	1 (0.6%)	0	1 (0.6%)
Northern long-eared Bat (Covered Species, state endangered, federally threatened, SOCC)	0	0	0	0
Total	3 (100%)	157 (100%)	13 (100%)	173 (100%)

¹Species of Conservation Concern (MDC)

2022

For 2022, please refer to Section 3.1 from the Annual Report (High Prairie PCM Report_12-15-2022.pdf).

3.1.2 Species Composition

No bats were found during standardized post-construction monitoring. One juvenile male big brown bat was found incidentally on July 23, 2022, at Turbine L-09.

2023

For 2023, please refer to Table 3-2 from the Annual Report (High Prairie PCM Report_12132023.pdf).

Table 3-2. Summary of all bat carcasses found during standardized carcass searches between April 1 and October 31, 2023, during post-construction monitoring at the High Prairie Renewable Energy Center, Schuyler and Adair Counties, Missouri.

Species (state/federal status)	Count (species composition)			
	Spring	Summer	Fall	Total
Big Brown Bat	0	2 (33.3%)	0	2 (12.5%)
Eastern Red Bat	0	0	5 (71.4%)	5 (31.3%)
Evening Bat	0	2 (33.3%)	1 (14.3%)	3 (18.8%)
Hoary Bat (SOCC)	0	1 (16.7%)	0	1 (6.3%)
Indiana Bat (Covered Species, SE, FE, SOCC)	0	0	1 (14.3%)	1 (6.3%)

Species (state/federal status)	Count (species composition)			
	Spring	Summer	Fall	Total
Silver-haired Bat (SOCC)	3 (100%)	0	0	3 (18.8%)
Unknown	0	1 (16.7%)	0	1 (6.3%)
Total	3 (100%)	6 (100%)	7 (100%)	16 (100%)

Key
 SOCC = Species of Conservation Concern (state)
 SE = state-endangered
 FE = federally-endangered

2024

Preliminary information is being processed and reviewed for the 2024 season. A table similar to other monitoring years will be provided in the Annual Report, which is due to the U.S. Fish and Wildlife Service on 12-15-24.

