

# Chapter 4 - Appendix B

## Baseline Existing Resource Capability Table<sup>1</sup>

**A. Generation Summer Accredited Capacity**

			<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>	<u>2034</u>	<u>2035</u>	<u>2036</u>	<u>2037</u>	<u>2038</u>	<u>2039</u>	<u>2040</u>	<u>2041</u>	<u>2042</u>	<u>2043</u>
Existing Generation Capacity																							
Callaway	Nuclear		983	983	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
Keokuk	Hydro		139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139
Labadie Unit 1	Coal		609	609	609	609	609	609	609	609	609	609	609	609	609	609	609	609	609	609	609	609	-
Labadie Unit 2	Coal		620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	-
Labadie Unit 3	Coal		560	560	560	560	560	560	560	560	560	560	560	560	560	560	-	-	-	-	-	-	-
Labadie Unit 4	Coal		589	589	589	589	589	589	589	589	589	589	589	589	589	589	-	-	-	-	-	-	-
Rush Island Unit 1	Coal		607	607	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rush Island Unit 2	Coal		598	598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sioux Unit 1	Coal		353	353	353	353	353	353	353	353	-	-	-	-	-	-	-	-	-	-	-	-	-
Sioux Unit 2	Coal		435	435	435	435	435	435	435	435	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland Heights 1	LFG		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Maryland Heights 2	LFG		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Maryland Heights 3	LFG		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total Base Capacity			5497	5497	4460	4460	4460	4460	4460	4460	3672	3672	3672	3672	3672	3672	2523	2523	2523	2523	2523	2523	1295
Osage			234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234
Taum Sauk Unit 1	Hydro		223	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223
Taum Sauk Unit 2	Hydro		191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191
Audrain 1	Gas		77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
Audrain 2	Gas		77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
Audrain 3	Gas		63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
Audrain 4	Gas		64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
Audrain 5	Gas		77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
Audrain 6	Gas		77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
Audrain 7	Gas		76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
Audrain 8	Gas		74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74
Fairgrounds	Oil		27	27	27	27	27	27	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goose Creek 1	Gas		78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	-	-	-
Goose Creek 2	Gas		77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	-	-	-
Goose Creek 3	Gas		78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	-	-	-
Goose Creek 4	Gas		79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	-	-	-
Goose Creek 5	Gas		78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	-	-	-
Goose Creek 6	Gas		76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	-	-	-
Kinmundy CTG-1	Gas/Oil		103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	-	-	-
Kinmundy CTG-2	Gas/Oil		107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	-	-	-

<sup>1</sup> 20 CSR 4240-22.060(4)(B)(9)

A. Generation Summer Accredited Capacity (continued)

		<a href="#">2023</a>	<a href="#">2024</a>	<a href="#">2025</a>	<a href="#">2026</a>	<a href="#">2027</a>	<a href="#">2028</a>	<a href="#">2029</a>	<a href="#">2030</a>	<a href="#">2031</a>	<a href="#">2032</a>	<a href="#">2033</a>	<a href="#">2034</a>	<a href="#">2035</a>	<a href="#">2036</a>	<a href="#">2037</a>	<a href="#">2038</a>	<a href="#">2039</a>	<a href="#">2040</a>	<a href="#">2041</a>	<a href="#">2042</a>	<a href="#">2043</a>	
Existing Generation Capacity																							
Mexico	Oil	52	52	52	52	52	52	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moberly	Oil	47	47	47	47	47	47	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moreau	Oil	51	51	51	51	51	51	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peno Creek CTG-1	Gas/Oil	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
Peno Creek CTG-2	Gas/Oil	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
Peno Creek CTG-3	Gas/Oil	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
Peno Creek CTG-4	Gas/Oil	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
Pinckneyville CTG-1	Gas	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	-	-	-	-	-
Pinckneyville CTG-2	Gas	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	-	-	-	-
Pinckneyville CTG-3	Gas	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	-	-	-	-
Pinckneyville CTG-4	Gas	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	-	-	-	-
Pinckneyville CTG-5	Gas	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	-	-	-	-
Pinckneyville CTG-6	Gas	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	-	-	-	-
Pinckneyville CTG-7	Gas	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	-	-	-	-
Pinckneyville CTG-8	Gas	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	-	-	-	-
Raccoon Creek 1	Gas	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	-	-	-	-
Raccoon Creek 2	Gas	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	-	-	-
Raccoon Creek 3	Gas	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	-	-	-
Raccoon Creek 4	Gas	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	-	-	-	-
Venice CTG-2	Gas	35	35	35	35	35	35	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Venice CTG-3	Gas	172	172	172	172	172	172	172	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Venice CTG-4	Gas	161	161	161	161	161	161	161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Venice CTG-5	Gas	102	102	102	102	102	102	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
High Prairie	Wind	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
O'Fallon	Solar	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Lambert	Solar	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BJC	Solar	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
South St. Louis	Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Montgomery	Solar	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Cape Girardeau	Solar	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total Intermediate/Peaking/Intermittent Capacity		3346	3346	3346	3346	3346	3346	3346	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	1474	1474	1474	1474	
<b>Total Generation Summer Accredited Capacity</b>		<b>8843</b>	<b>8843</b>	<b>7806</b>	<b>7806</b>	<b>7806</b>	<b>7806</b>	<b>7806</b>	<b>7160</b>	<b>6372</b>	<b>6372</b>	<b>6372</b>	<b>6372</b>	<b>6372</b>	<b>6372</b>	<b>5223</b>	<b>5223</b>	<b>5223</b>	<b>3997</b>	<b>3997</b>	<b>3997</b>	<b>2769</b>	

A. Generation Winter Accredited Capacity

		<a href="#">2023</a>	<a href="#">2024</a>	<a href="#">2025</a>	<a href="#">2026</a>	<a href="#">2027</a>	<a href="#">2028</a>	<a href="#">2029</a>	<a href="#">2030</a>	<a href="#">2031</a>	<a href="#">2032</a>	<a href="#">2033</a>	<a href="#">2034</a>	<a href="#">2035</a>	<a href="#">2036</a>	<a href="#">2037</a>	<a href="#">2038</a>	<a href="#">2039</a>	<a href="#">2040</a>	<a href="#">2041</a>	<a href="#">2042</a>	<a href="#">2043</a>
Existing Generation Capacity																						
Callaway	Nuclear	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
Keokuk	Hydro	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
Labadie Unit 1	Coal	616	616	616	616	616	616	616	616	616	616	616	616	616	616	616.3	616	616	616	616	616	616
Labadie Unit 2	Coal	586	586	586	586	586	586	586	586	586	586	586	586	586	586	585.5	586	586	586	586	586	-
Labadie Unit 3	Coal	642	642	642	642	642	642	642	642	642	642	642	642	642	642	-	-	-	-	-	-	-
Labadie Unit 4	Coal	612	612	612	612	612	612	612	612	612	612	612	612	612	612	-	-	-	-	-	-	-
Rush Island Unit 1	Coal	602	602	602	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rush Island Unit 2	Coal	562	562	562	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sioux Unit 1	Coal	367	367	367	367	367	367	367	367	-	-	-	-	-	-	-	-	-	-	-	-	-
Sioux Unit 2	Coal	382	382	382	382	382	382	382	382	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland Heights 1	LFG	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Maryland Heights 2	LFG	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Maryland Heights 3	LFG	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Base Capacity		5710	5710	5710	4546	4546	4546	4546	4546	3797	3797	3797	3797	3797	3797	2543	2543	2543	2543	2543	2543	1341
Osage	Hydro	231	231	231	231	231	231	231	231	231	231	231	231	231	231	231	231	231	231	231	231	231
Taum Sauk Unit 1	Hydro	169	169	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207
Taum Sauk Unit 2	Hydro	98	98	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207
Audrain 1	Gas	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
Audrain 2	Gas	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
Audrain 3	Gas	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
Audrain 4	Gas	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
Audrain 5	Gas	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
Audrain 6	Gas	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
Audrain 7	Gas	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
Audrain 8	Gas	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Fairgrounds	Oil	52	52	52	52	52	52	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goose Creek 1	Gas	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	-	-	-
Goose Creek 2	Gas	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	-	-	-
Goose Creek 3	Gas	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	-	-	-
Goose Creek 4	Gas	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	-	-	-
Goose Creek 5	Gas	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	-	-	-
Goose Creek 6	Gas	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	-	-	-
Kinmundy CTG-1	Gas/Oil	55	55	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	-	-	-
Kinmundy CTG-2	Gas/Oil	57	57	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	-	-	-

A. Generation Winter Accredited Capacity (continued)

		2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
Existing Generation Capacity																						
Mexico	Oil	58	58	58	58	58	58	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moberly	Oil	53	53	53	53	53	53	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moreau	Oil	61	61	61	61	61	61	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peno Creek CTG-1	Gas/Oil	31	31	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
Peno Creek CTG-2	Gas/Oil	33	33	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
Peno Creek CTG-3	Gas/Oil	37	37	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
Peno Creek CTG-4	Gas/Oil	30	30	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
Pinckneyville CTG-1	Gas	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	-	-	-	-
Pinckneyville CTG-2	Gas	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	-	-	-	-
Pinckneyville CTG-3	Gas	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	-	-	-	-
Pinckneyville CTG-4	Gas	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	-	-	-	-
Pinckneyville CTG-5	Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
Pinckneyville CTG-6	Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
Pinckneyville CTG-7	Gas	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	-	-	-	-
Pinckneyville CTG-8	Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
Raccoon Creek 1	Gas	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	-	-	-	-
Raccoon Creek 2	Gas	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	-	-	-	-
Raccoon Creek 3	Gas	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	-	-	-	-
Raccoon Creek 4	Gas	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	-	-	-	-
Venice CTG-2	Gas	21	21	21	21	21	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Venice CTG-3	Gas	92	92	147	147	147	147	147	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Venice CTG-4	Gas	116	116	184	184	184	184	184	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Venice CTG-5	Gas	61	61	61	61	61	61	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-
High Prairie	Wind	148	148	146	144	141	139	137	134	132	129	127	125	122	120	118	115	113	110	110	110	110
O'Fallon	Solar	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Lambert	Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BJC	Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South St. Louis	Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Montgomery	Solar	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Cape Girardeau	Solar	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>Total Intermediate/Peaking/Intermittent Capacity</b>		<b>2371</b>	<b>2371</b>	<b>2726</b>	<b>2724</b>	<b>2721</b>	<b>2719</b>	<b>2716</b>	<b>2079</b>	<b>2076</b>	<b>2074</b>	<b>2072</b>	<b>2069</b>	<b>2067</b>	<b>2065</b>	<b>2062</b>	<b>2060</b>	<b>2057</b>	<b>1228</b>	<b>1228</b>	<b>1228</b>	<b>1228</b>
<b>Total Generation Winter Accredited Capacity</b>		<b>8081</b>	<b>8081</b>	<b>7272</b>	<b>7270</b>	<b>7267</b>	<b>7265</b>	<b>7262</b>	<b>6625</b>	<b>5874</b>	<b>5871</b>	<b>5869</b>	<b>5867</b>	<b>5864</b>	<b>5862</b>	<b>4605</b>	<b>4603</b>	<b>4600</b>	<b>3770</b>	<b>3770</b>	<b>3770</b>	<b>2569</b>

## Compliance References

20 CSR 4240-22.060(4)(B)(9) ..... 1