

FILED
April 30, 2024
Data Center
Missouri Public
Service Commission

Exhibit No. 118

Staff – Exhibit 118
Capacity IRP
File No. EF-2024-0021

Ameren Missouri Alternative Resource Plan

	From	To
Plan	2	29
Scenario	1	9
PrjCost	2	2
ROE-Int	2	2
DSM	1	3
DM	2	2
PrjSch	2	2
WindCF	2	2
CoalPrice	2	2
Load	1	3
EFOR	2	2
Nuke check	0	Endpoint 1

Plan	Meramec	Sioux	Labadie	Rush	EE	DR	New Supply Side
1	2022	2033	2042	2045	RAP	RAP	CC
2	2022	2033	2042	2045	RAP	RAP	CC
3	2022	2033	2042	2045	RAP	RAP	CC
4	2022	2033	2042	2045	MEEIA 3	None	CC
5	2022	2033	2042	2045	MEEIA 3	None	Solar
6	2022	2033	2042	2045	MEEIA 3	None	Pumped Hydro
7	2022	2033	2042	2045	MEEIA 3	None	Nuke1
8	2022	2033	2042	2045	MEEIA 3	None	SC
9	2022	2033	2042	2045	MAP	MAP	CC
10	2022	2033	2042	2045	MAP	MAP	CC
11	2022	2033	2042	2045	DOPE1	DOPE1	CC
12	2022	2033	2042	2045	DOPE2	DOPE2	CC
13	2022	2033	2028	2045	RAP	RAP	CC
14	2022	2033	2036	2045	RAP	RAP	CC
15	2022	2028	2042	2045	RAP	RAP	CC
16	2022	2033	2042	2028	RAP	RAP	CC
17	2022	2028	2042	2039	RAP	RAP	CC
18	2022	2028	2042	2039	RAP	RAP	Battery
19	2022	2033	2042	2024	RAP	RAP	CC
20	2022	2033	2042	2045	RAP	RAP	CC
21	2022	2033	2042	2045	RAP	RAP	CC
22	2022	2033	2042	2024	RAP	RAP	CC
23	2022	2028	2042	2039	MEEIA 3	None	CC
24	2022	2028	2042	2039	RAP	RAP	CC
25	2022	2028	2042	2039	RAP	RAP	CC
26	2022	2028	2042	2039	RAP	RAP	CC
27	2022	2028	2042	2039	DOPE1	DOPE1	CC
28	2022	2028	2042	2039	DOPE2	DOPE2	CC
29	2022	2028	2042	2039	MAP	MAP	CC
30	2022	2033	2042	2045	MEEIA 3	None	CC

Plan	RES	Labadie 1st; RushFGD	LabadieDSI
1	None	2036	5000
2	Scn 3	2036	5000
3	Scn 2	2036	5000
4	Scn 2	2036	5000
5	Scn 2	2036	5000
6	Scn 2	2036	5000
7	Scn 2	2036	5000
8	Scn 2	2036	5000
9	Scn 2	2036	5000
10	Scn 4	2036	5000
11	Scn 2	2036	5000
12	Scn 2	2036	5000
13	Scn 2	2028	5000
14	Scn 2	2028	5000
15	Scn 2	2036	5000
16	Scn 2	2036	5000
17	Scn 2	2036	5000
18	Scn 6	2036	5000
19	Scn 2	2036	5000
20	Scn 2	2036	2025
21	Scn 2	2036	2023
22	Scn 2	2036	2023
23	Scn 8	2036	5000
24	Scn 5	2036	5000
25	Scn 7	2036	5000
26	Scn 8	2036	5000
27	Scn 2	2036	5000
28	Scn 2	2034	5000
29	Scn 2	2036	5000
30	Scn 8	2036	5000

19	27	Sioux	2033	Labadie	2042
		Rush Island	2024	Meramec	2022
1		EE	RAP	First 2U Lab	2036
1		DR	RAP		
3		RES	Scn 2		
1		New SupplySide CC			

Major type	Specific type	ild Thresh	Capacity	In-Service
PRIMARY	CC	300	824	2043
Subsequent1	CC	300	824	
Subsequent2	CC	300	824	
Subsequent3	CC	300	824	
Subsequent4	CC	300	824	
Subsequent5	CC	300	824	
Subsequent6				
Subsequent7				
Subsequent8				
Subsequent9				
Subsequent10				

	Project years, base	Earliest In-Service
1	CC 824	3 2025
2	SC 690	3 2025
3	Nuke1 1100	8 2030
4	Nuke1/2 550	8 2030
5	Battery 800	1 2022
6	Wind&SC 664	3 2025
7	Wind 800	4 2024
8	Pumped Hydro 600	6 2029
9	Solar 800	2 2022
10		
11		

EE	
RAP	1
MAP	2
DOPE1	3
DOPE2	4
MEEIA 3	5

DR	
RAP	1
MAP	2
DOPE1	3
DOPE2	4
None	5

RES Compliance	
None	1
Balanced	2
Scn 1	3
Scn 2	4
Scn 3	5
Scn 4	6
Scn 5	7
Scn 6	8
Scn 7	9
Scn 8	10

Uncertainty	
Low	1
Base	2
High	3

19 CC1	CC2	CC3	CC4	CC 800
0	0	0	0	0

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