Summer Peak Demand and Resource Summary (MW)

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Peak Load	**6,162**	**6,197**	**6,248**	**6,253**	**6,347**	**6,319**	**6,308**	**6,305**	**6,302**	**6,298**	**6,293**	**6,289**	**6,284**	**6,280**	**6,275**	**6,271**	**6,266**	**6,262**	**6,257**	**6,253**	**6,249**	**6,244**	**6,240**	**6,235**	**6,231**	**6,226**	**6,222**	**6,218**
Dispatchable Generation Resources																												
Existing Resources	7,583	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612	7,612
Retirements/Additions																												
Coal[1]	-300	-300	-300	-300	-597	-1,494	-1,494	-1,494	-1,494	-1,494	-1,494	-1,494	-1,494	-1,494	-1,494	-1,494	-1,494	-1,646	-1,646	-1,646	-1,646	-1,646	-1,646	-1,646	-1,646	-1,646	-1,646	-1,646
Large-Frame SCCTs	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
Small-Frame SCCTs[2]	0	0	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47
NGCC[3]	0	0	0	0	621	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242	1,242
Total	7,283	7,312	7,265	7,265	7,589	7,313	7,313	7,313	7,313	7,313	7,313	7,313	7,313	7,313	7,313	7,313	7,313	7,161	7,161	7,161	7,161	7,161	7,161	7,161	7,161	7,161	7,161	7,161
Reserve Margin %	18.2%	18.0%	16.3%	16.2%	19.6%	15.7%	15.9%	16.0%	16.0%	16.1%	16.2%	16.3%	16.4%	16.5%	16.5%	16.6%	16.7%	14.4%	14.4%	14.5%	14.6%	14.7%	14.8%	14.8%	14.9%	15.0%	15.1%	15.2%
Intermittent/Limited-Duration Resources																												
Existing Resources	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
Existing CSR	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
Existing Dispatchable DSM[4]	62	60	56	52	49	46	44	42	40	38	36	35	33	32	31	30	29	28	28	27	27	26	26	25	25	25	24	24
Retirements/Additions																												
Solar[5]	0	79	177	681	866	866	866	866	866	866	866	866	866	866	866	866	866	866	866	866	866	866	866	866	866	866	866	866
Battery Storage	0	0	0	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125
Dispatchable DSM[4]	0	14	28	44	70	102	121	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127
Total	294	385	493	1,136	1,343	1,373	1,389	1,393	1,391	1,389	1,388	1,386	1,385	1,384	1,383	1,382	1,381	1,380	1,379	1,379	1,378	1,378	1,377	1,377	1,376	1,376	1,376	1,376
Total Supply	**7,577**	**7,697**	**7,758**	**8,401**	**8,932**	**8,686**	**8,702**	**8,706**	**8,704**	**8,702**	**8,701**	**8,699**	**8,698**	**8,697**	**8,695**	**8,695**	**8,694**	**8,541**	**8,540**	**8,540**	**8,539**	**8,538**	**8,538**	**8,538**	**8,537**	**8,537**	**8,537**	**8,536**
Total Reserve Margin	**1,415**	**1,500**	**1,510**	**2,148**	**2,585**	**2,366**	**2,394**	**2,401**	**2,402**	**2,405**	**2,407**	**2,410**	**2,414**	**2,417**	**2,420**	**2,424**	**2,427**	**2,279**	**2,283**	**2,287**	**2,290**	**2,294**	**2,298**	**2,302**	**2,306**	**2,311**	**2,315**	**2,319**
Total Reserve Margin %	**23.0%**	**24.2%**	**24.2%**	**34.3%**	**40.7%**	**37.4%**	**38.0%**	**38.1%**	**38.1%**	**38.2%**	**38.3%**	**38.3%**	**38.4%**	**38.5%**	**38.6%**	**38.7%**	**38.7%**	**36.4%**	**36.5%**	**36.6%**	**36.7%**	**36.7%**	**36.8%**	**36.9%**	**37.0%**	**37.1%**	**37.2%**	**37.3%**

Winter Peak Demand and Resource Summary (MW)

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Peak Load	**5,910**	**5,908**	**6,011**	**6,003**	**6,107**	**6,104**	**6,103**	**6,102**	**6,100**	**6,101**	**6,103**	**6,104**	**6,106**	**6,107**	**6,108**	**6,110**	**6,111**	**6,113**	**6,114**	**6,116**	**6,117**	**6,118**	**6,120**	**6,121**	**6,123**	**6,124**	**6,125**	**6,127**
Dispatchable Generation Resources																												
Existing Resources	7,901	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909	7,909
Retirements/Additions																												
Coal[1]	0	0	-300	-300	-597	-1,499	-1,499	-1,499	-1,499	-1,499	-1,499	-1,499	-1,499	-1,499	-1,499	-1,499	-1,499	-1,657	-1,657	-1,657	-1,657	-1,657	-1,657	-1,657	-1,657	-1,657	-1,657	-1,657
Large-Frame SCCTs	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
Small-Frame SCCTs[2]	0	0	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55
NGCC[3]	0	0	0	0	641	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282
Total	7,901	7,909	7,554	7,554	7,898	7,637	7,637	7,637	7,637	7,637	7,637	7,637	7,637	7,637	7,637	7,637	7,637	7,479	7,479	7,479	7,479	7,479	7,479	7,479	7,479	7,479	7,479	7,479
Reserve Margin %	33.7%	33.9%	25.7%	25.8%	29.3%	25.1%	25.1%	25.2%	25.2%	25.2%	25.1%	25.1%	25.1%	25.0%	25.0%	25.0%	25.0%	22.3%	22.3%	22.3%	22.3%	22.2%	22.2%	22.2%	22.1%	22.1%	22.1%	22.1%
Intermittent/Limited-Duration Resources																												
Existing Resources	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
Existing CSR	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
Existing Dispatchable DSM[4]	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Retirements/Additions																												
Solar[5]	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
Battery Storage	0	0	0	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125
Dispatchable DSM[4]	0	13	26	40	61	89	103	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
Total	221	234	246	385	407	435	449	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450
Total Supply	**8,122**	**8,143**	**7,800**	**7,939**	**8,305**	**8,072**	**8,085**	**8,087**	**8,087**	**8,087**	**8,087**	**8,087**	**8,087**	**8,087**	**8,087**	**8,087**	**8,087**	**7,929**	**7,929**	**7,929**	**7,929**	**7,929**	**7,929**	**7,929**	**7,929**	**7,929**	**7,929**	**7,929**
Total Reserve Margin	**2,211**	**2,235**	**1,789**	**1,936**	**2,197**	**1,967**	**1,982**	**1,985**	**1,987**	**1,985**	**1,984**	**1,982**	**1,981**	**1,980**	**1,978**	**1,977**	**1,975**	**1,816**	**1,815**	**1,813**	**1,812**	**1,810**	**1,809**	**1,807**	**1,806**	**1,805**	**1,803**	**1,802**
Total Reserve Margin %	**37.4%**	**37.8%**	**29.8%**	**32.2%**	**36.0%**	**32.2%**	**32.5%**	**32.5%**	**32.6%**	**32.5%**	**32.5%**	**32.5%**	**32.4%**	**32.4%**	**32.4%**	**32.4%**	**32.3%**	**29.7%**	**29.7%**	**29.6%**	**29.6%**	**29.6%**	**29.6%**	**29.5%**	**29.5%**	**29.5%**	**29.4%**	**29.4%**

[1]Mill Creek 1 and 2 cannot be operated simultaneously during ozone season due to NO_x limits, which results in a reduction of available summer capacity through 2024. Mill Creek 1 will be retired by the end of 2024, Mill Creek 2 is retired in 2027, Ghent 2 and Brown 3 are retired in 2028, and OVEC's contract term ends in 2040.

[2]Haefling 1-2 and Paddy's Run 12 are assumed to be retired in 2025.

[3]Mill Creek 5 and Brown 12 are added in 2027 and 2028, respectively.

[4]Dispatchable DSM reflects expected load reductions under normal peak weather conditions.

[5]100 MW of solar capacity is added in 2024 (Rhudes Creek PPA), 125 MW in 2025 (Ragland PPA), 642 MW in 2026 (Gray's Branch PPA, Nacke Pike PPA, Mercer County Solar Facility, and Song Sparrow PPA), and 235 MW in 2027 (Gage Solar PPA and Marion County Solar Facility).
Capacity values reflect 78.6% expected contribution to summer peak capacity and 0% expected contribution to winter peak capacity.