

	A	B	C	D	E	F	G	H
2	Duke Energy Carolinas and Duke Energy Progress Gas Capacity Additions in MW, 2021-2035							
3	(Base case without carbon policy, 2020 IRP, winter resource planning)							
4	ADDITIONS	DEP-CT	DEP-CC	DEC-CT	DEC-CC	Total MWs	#units	Notes
5	2021							
6								
7	2022							
8	2023							
9	2024							
10	2025			402		402	3	METHOD FOR ESTIMATING NUMBER OF NEW GAS UNITS THAT ARE PLANNED: Using the list of planned gas additions in Duke Energy's 2020 IRP, we count a 612 MW CC as 1 unit and a 457 or 402 MW CT as 3 CT units, as shown in col. G, for a total addition of 48 conventional units (42 CTs and 6 CCs) between 2025 and 2035. Less likely, each 457 or 402 MW CT plant may consist of only 2 CT units, in which case the total would be 32 conventional units (26 CTs and 6 CCs). Neither of these totals includes the 8 dual-fuel modifications already built or due to come online in 2021 without having received formal approval from the NC Utilities Commission (more details here).
11	2026	457				457	3	
12	2027	457				457	3	
13	2028	1,371				1,371	9	
14	2029	913	1,224	457		2,594	11	
15	2030			457		457	3	
16	2031	457				457	3	
17	2032							
18	2033	457		457		914	6	
19	2034							
20	2035			457	2,448	2,905	7	
21	TOTAL	4,112	1,224	2,230	2,448	10,014	48	<i>Calculations by Bill Powers, P.E., for NC WARN</i>
22								
23	IRP = Integrated Resource Plan							
24	DEC = Duke Energy Carolinas							
25	DEP = Duke Energy Progress							
26	CC = combined cycle							
27	CT = combustion turbine							
28								
29	Sources:	page 109	DEC IRP					
30		page 110	DEP IRP					