Table. 15. The derived variation of temperature with carbon dioxide (CO_2) until the year 2120, based on scenarios in Fig. 16 (Chicago.gov, 2025). From the left, is year, amount of CO_2, its energy derived from Eq. (40), estimated energy of the other GHG (from Table. 13), power of Solar + Water Vapour (H_2O), the total power, finally the derived temperatures, when CO_2 reached only 600 ppm, temperature will reach 18.159^O C, or 1.743^O C above the current temperature of 16.416^O C, given in Table. 11.

Year	Carbon Dioxide In ppm	Power from Carbon dioxide (CO_2) in W/m^2	Percentage of (CH_4+ N_2O +(HFC_S) (PFC_S-SF6-C_2F_6)) from CO_2 (0.4792625%)	Total Power (Solar + Water Vapor (H_2O)) ($E_S + E_{H2O}$) W/m^2	Total Power (Solar + Green House Gas) ($E_S + E_{GT}$) W/m^2	Temperature In K, C, F
Energy		4.5266071230579 66854561166276 7687e-19 J		529.823969 + 953.4 =		
2000	368.92	80.149561045311	0.384126790005	1483.223969	1563.757657	289.00 K 15.85^O C 60.53^O F
2020	414.21	89.989021144362	0.431283632462	1483.223969	1573.644274	289.462 K 16.312^O C 61.3616^O F
2040	600	130.35275026343	0.624731849731	1483.223969	1614.201451	291.309 K 18.159^O C 64.686^O F
2060	800	173.80366701791	0.832975799642	1483.223969	1657.860612	293.259 K 20.109^O C 68.1962^O F
2080	1000	217.25458377239	1.041219749552	1483.223969	1701.519772	295.171 K 22.021^O C 71.638^O F
2100	1200	260.70550052687	1.249463699462	1483.223969	1745.178933	297.047 K 23.897^O C 75.015^O F
2120	1400	304.15641728134	1.457707649373	1483.223969	1788.838094	298.887 K 25.737^O C 78.327^O F