

Attachment Y:

There is No Cap, Peak and Turndown of GHG/Heat Because of Carbon Looping, Without Massive Human Intervention

- After reaching Energy Transition (W) and Net-Zero and Decarbonization (X) (Total ~21,672GW), GHG/Heat continues to rise due to carbon looping (See Attachment A and B)
- GHG/Heat accumulates in the atmosphere preventing heat from escaping and no cooling can occur
- For humanity to be safe it must **Remove** accumulated GHG/Heat and **Reduce** new GHG/Heat (“R/R”) that has been increasing at a rate of 365 million Hiroshimas per year (11 Hiroshimas per second)
- This Remove/Reduce process must begin immediately. There is no automatic cooling
- In order to **Remove** GHG/Heat:
 - The world’s finest minds, talent and, governments, businesses, scientists universities, NGOs and nations must come together to implement geoen지니어ing and other solutions
- In order to **Reduce** GHG/Heat:
 - Governments must cause regulators, businesses (enterprises, supply chains, group companies) and deployers of capital (banks, investors, insurers) to implement systems to change behavior, operations and capital deployment to implement the 4Rs

“Y”

GHG/Heat and Climate Overshoot Continues and GHG/Heat Continue to Rise Until We Reach “Y”. This is “Terminal Velocity” of Rising GHG/Heat and Peak/Cap Before Downturn Begins. This Downturn/Slowdown of “Terminal Velocity” will Not Happen Naturally.

Assumption for Y to Z is 1-10x the Amount of Zero Carbon Energy Needed to Reach X: From 21,672GW to 216,720GW (Or More Depending on the Overshoot)

“X”