

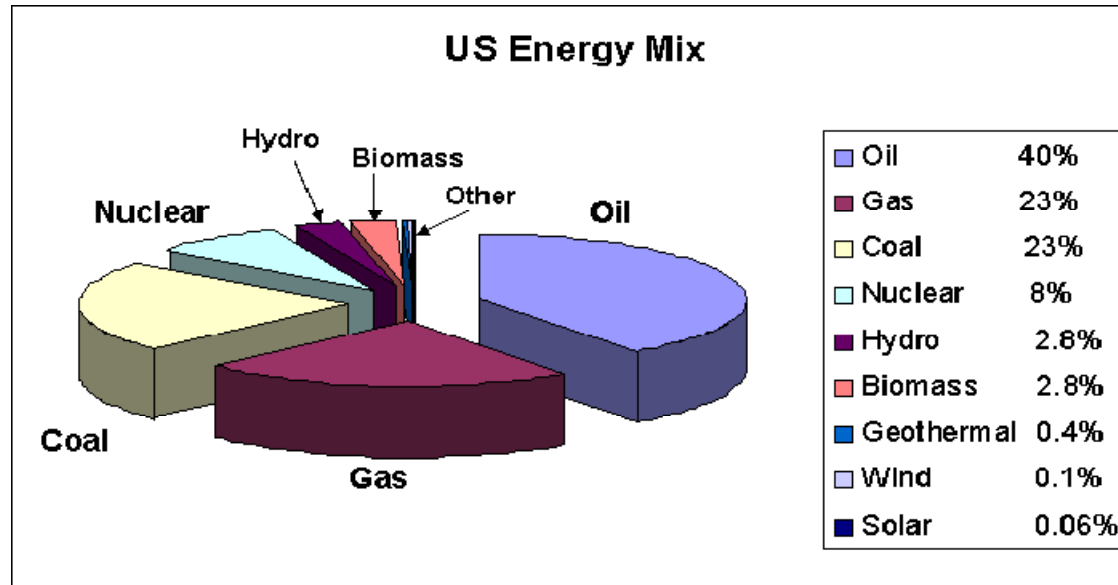
# FUELING THE FUTURE

## CARBON FREE HIGH TEMPERATURE GAS COOLED NUCLEAR REACTORS FOR PROCESS HEAT APPLICATIONS

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# TODAY WORLD USES MOSTLY CARBON BASED FUEL

- Fossil fuels provide 86% of US energy needs (80% of world needs), and are vital to meet this demand:
- US oil consumption is over 20 million barrels daily (76 million worldwide):



**Fossil fuels are the major man-made contributor to CO<sub>2</sub> build up in the atmosphere. With strong evidence that this is causing a world-wide temperature increase via the “greenhouse” effect.**