**Nuclear Power Argumentative Essay Outline**

Thesis: The US government should build more nuclear power plants in the next 20 years.

1. The energy shortage is becoming a severe problem.
2. Energy consumption in the US is astronomical.
3. The prices of goods would rise as the price of energy rises, causing inflation and doing harm to the economy in the US.
4. Another problem that troubles the US is the pollution from traditional power plants.
5. Carbon dioxide would cause the greenhouse effect.
6. Other toxic gases such as methane and nitrogen oxide damage not only the local environment but also the nearby areas through air movements.
7. Nuclear power is considered clean energy.
8. Nuclear power plants consume zero fossil fuel, so no carbon dioxide is produced during power generalization.
9. No toxic gas or hazardous waste is produced in nuclear power plants. The final output of the reaction is environmentally friendly.
10. Nuclear power plants have a small carbon footprint.
11. Nuclear power has some unique advantages due to its physical properties.
12. Nuclear power plants have a relatively long service term compared with other power plants.
13. Nuclear power is a renewable resource.
14. Nuclear power plants have a strikingly high power efficiency.
15. Some might say that building more nuclear power plants in the US is a waste of resources.
16. Building a new power plant will require a large sum of budget.
17. Building more nuclear power plants might cause the overcapacity in electric generation.
18. Building more nuclear power plants will be economical for the US in the next 20 years.
19. Although establishing a new nuclear power plans cost much, running a nuclear power plant consumes less money.
20. The cost of dealing with environmental problems would be reduced if the US government gradually switch power income from traditional power plants to nuclear power plants.
21. Due to nuclear power plants’ extremely high power density, the US government could meet the requirements with fewer power plants.
22. Nuclear power plants have a less land capacity compared with windmills.
23. Nuclear power plants are easier to build compared to hydroelectric stations.

II. Renewable, reusable energy

III. High power density

IV. Smaller land capacity than other clean energy power plants, e.g., windmills

V. Job creation <https://www.energy.gov/ne/articles/advantages-and-challenges-nuclear-energy>

1. Support National Security <https://www.energy.gov/ne/articles/advantages-and-challenges-nuclear-energy>
2. Long service term
3. Low running cost

Counterarguments:

1. Expensive in the construction
2. Overcapacity in power generation
3. Staff training difficulties
4. Accidents
5. Three Miles Island
6. Fukushima
7. Chernobyl
8. Fuel security

III. Even though there are concerns about safety and security, the US has already taken steps to address these issues. Nuclear power could contribute renewable and clean energy to the US public. In the upcoming 20 years, with so many unique advantages, it is evident that nuclear power has promising prospects.