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Essay

Imbalance of Energy mix in Pakistan & its Consequences

Outline

1. Introduction:

Thesis statement:

Imbalance of energy mix is the key problem in Pakistan. Reasons behind this problem includes poor governance, political turmoil, weak economic growth, and social causes including circular debt and energy theft. Such causes of energy imbalance in Pakistan results in closure of industry, unemployment, decline in exports and poverty. By shifting energy sector to Renewable resources imbalance of energy mix in Pakistan can be abolish.

2. What is Imbalance of energy mix?

3. Overview of Imbalance of energy mix in Pakistan.

4. Causes of Imbalance of energy mix in Pakistan:

- a. Lack of effectiveness and competency of public institutions causes corruption and nepotism in the energy sector.
- b. Lack of political will and strategy slow down energy sector growth causes energy imbalance.
- c. Low GDP and Economic growth further intensify energy imbalance because Pakistan is a hydrocarbon based import country.
- d. Circular debt and electricity theft lead the energy sector towards collapse.
- e. Lack of expertise and incompetency of technical team is one of the reason of transmission losses and technical faults.
- f. Russia - Ukraine war causes energy imbalance globally including Pakistan in the form of price hike and poverty.

5. Consequences of Imbalance of energy mix in Pakistan:

- a. Political turmoil and lack of strategic will demotivate foreign investors to invest in

Pakistan's energy sector.

- b. Load shedding in manufacturing industries slow down economic growth and causes unemployment.
- c. Price hike of energy products in the international market results increase in poverty and energy import bill of Pakistan.
- d. Pakistan's foreign exchange reserves decline due to lack of interest in the long term developmental projects of the energy sector.
- e. Due to price hike and load shedding export sector of Pakistan is decline.

6. Suggestions to abolish imbalance of energy mix in Pakistan:

- a. Pakistan needs to shift energy generation to renewable energy resources.
 - Solar energy, wind energy, hydro energy.
- b. Effective mechanism should be follow to reduce circular debt and electricity theft.
- c. Review of energy policy and long term strategic planning in the energy sector is need of the hour.
- d. Recruitment of technical experts should be on merit basis to avoid transmission losses & technical faults.

7. Conclusion