**MIIS – EPGS**

**Informative Speech**

*Informative Speech – Fill in this outline, print it out, and submit it no later than 12:30 pm on July 3rd.*

**I. INTRODUCTION**

*(The hook is always first and the map is always last; however, the overview, audience adaptation and the credibility statement can be arranged in any order.)*

1. Hook:

A personal story about a huge blackout in Taipei

B. Overview:

Today I’d like to talk about the energy crisis in Taiwan.

C. Audience Adaptation:

Because none of us wants to experience this kind of traumatic incident, we should be more aware of the causes of energy crisis.

D. Credibility Statement:

I have taken a course in environmental policy which made me realize that electricity shortage has become a systematic problem in our country.

E. Map:

What is happening? - the electricity shortage in Taiwan

How it happened? - The flawed energy policy proposed by the current government

What are the consequences? – frequent blackout, hindering domestic and foreign investment

**II. BODY**

*(You can have between 3 and 5 main points. You need to have transitions between each main point and you need to state clearer the topic of each main point. You can have more than 4 supporting details.)*

A. Main Point #1: the electricity shortage in Taiwan

Supporting Details: 1. Blackout in 2017: affected 151 companies, resulted in 3 million worth of losses

Last year, the government implemented electricity rationing for the first time since 2002

2. Evidences show that Taiwan is facing an electricity shortage recently: reserve margin and electricity rationing, percent operating reserve (chart); Taiwan’s electricity price compared with other countries (chart)

B. Main Point #2: the causes of electricity shortage

Supporting Details: 1. An increase in electricity consumption results from economic growth: The growth of electricity consumption in Taiwan (chart)

2. energy gap associated with energy transition: “Nuclear-free Homeland” Policy

1. What triggered the transition? The anti-nuclear movement gained momentum the Fukushima nuclear accident in 2011.
2. DPP party, the opposition party at that time, proposed an energy policy called “nuclear-free homeland,” aiming to develop renewable energy and phase out all nuclear power plants by 2025. In 2016, DPP party won the precedential election and became the majority party in the parliament. And the energy transition has been initiated since then.

Structure of the electricity generation in 2016, 2025 (chart)

20% renewable energy, 30% coal-fired energy, 50% liquefied natural gas

3 nuclear power plants will stop operating between 2018-2025; the construction of the fourth nuclear power plant is halted for good.

C. Main Point #3: the consequences of electricity shortage

Supporting Details: 1. Frequent blackouts and power rationing

2.why is stable electricity generation important for Taiwan’s economy: semiconductor industry, which is the bloodline of Taiwan, needs unremitted electricity supply for wafer fabrication

3. power shortage impedes foreign investment: Bloomberg coverage

III. CONCLUSION

A. Restate Overview:

We have discussed the energy crisis in Taiwan, as well as the causes and the consequences of the power shortage.

B. Summarize Main Points:

We have gone through three aspects of the energy crisis in Taiwan:

1. The drive behind the energy transition, which is the fear of nuclear disaster induced by the accident in Fukushima.
2. the content of the energy transition policy, which is replacing nuclear energy with renewable energy.
3. The results of power shortage, including frequent blackouts, rising electricity price, and sluggish economic growth

C. Kicker:

There is nothing wrong with developing renewable energy. However, we should be aware of the negative impacts of the sudden transition in energy policy and come up with a more realistic long-term plan with supporting measures to minimize the power gap during the transition.

IV. REFERENCE LIST  
*Write down a list of your sources for your speech. This means that any article, book, or website where you obtained information from for your speech should be written here.*

1. Taiwan’s nuclear dilemma by Nicolas Freschi

https://thediplomat.com/2018/03/taiwans-nuclear-dilemma/

1. Bureau of Energy of Taiwan: <https://www.moeaboe.gov.tw/ECW/english/content/ContentLink.aspx?menu_id=1540>
2. Reaching peak energy in Taiwan:

<https://topics.amcham.com.tw/2016/10/reaching-the-peak/>