



McKendree Invitational

MODEL UNITED NATIONS



Science & Technology

1. Effects of Atomic Radiation
2. Cyber Security
3. Alternative Energy Sources



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MODEL UNITED NATIONS



Submitted to: Science and Technology
Topic: Effects of Atomic Radiation
Submitted By: Kazakhstan

1 REALIZING that atomic radiation is the process of atomic energy transmitted in forms
2 such as light with 0.39 millisieverts of radiation yearly, and

3
4 TAKING NOTE that a millisievert is a measurement of radiation that correlates to an
5 average person's exposure to radiation, and

6
7 ALARMED since the effects of radiation are severe burns, hair loss, anemia, diarrhea,
8 scar formation, psychosomatic disorder(diseases that affect mind and body), cancers,
9 leukemia, mental retardation, and birth defects, and

10
11 REFERRING to the well-known event of the use of atomic radiation during the
12 Hiroshima attack of World War II, and

13
14 EMPHASIZING that radiation is found naturally in the Earth's core in forms of uranium
15 and radon along with animals (which is a total of 0.23 millisieverts of radiation), and

16
17 CONCERNED that animals have been affected by this radiation proved by the 1986
18 Chernobyl nuclear reactor meltdown where scientist recorded that population numbers of
19 species throughout the area had nervous system development issues and brain sizes
20 decreased for those of the animals that didn't die sooner;

21
22 1. RECOGNIZES the easiest way to lessen radiation is to eliminate the use of
23 atomic and nuclear bombings;

24
25 2. EXPRESSES WITH HOPE that in the 1960's levels of radiation was at a high
26 rate of radiation to a much lower percentage of 0.006 millisieverts nowadays meaning
27 radiation as a whole has decreased;

28
29 3. CONSIDERS that by using radiation therapy, cancer has been cured in
30 numerous events thereby showing in certain limits atomic radiation can be a very useful
31 tool yet this still produces 0.3 millisieverts.



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MODEL UNITED NATIONS



1/2

Submitted To: Science and Technology

Topic: Effects of Atomic Radiation

Submitted By: Democratic People's Republic of Korea

1 RECOGNIZING that atomic radiation is a naturally occurring phenomenon, and

2
3 FULLY AWARE that high amounts of atomic radiation can be harmful and cause loss of hair,
4 anemia, loss of white blood cells, bleeding, diarrhea, sterility, cancer, and even death, and

5
6 KNOWING that atomic radiation can come from atomic spills such as the Chernobyl nuclear
7 explosion and the Fukushima-Daiichi nuclear power plant leakage after a 9.0 earthquake, and

8
9 RECOGNIZING that although radiation can be used to treat illnesses such as cancer, it can also
10 cause changes in human cells which can have damaging effects, and

11
12 REALIZING that because children grow more rapidly than adults, that they are more sensitive to
13 radiation and it can disrupt the process of cell division in their bodies, and

14
15 SEEKING a solution to atomic radiation being buried in the ground from nuclear power plants
16 and eventually seeping into the ground;

17
18 1) REGRETS that atomic radiation has devastatingly affected many lives in the past and in
19 the present;

20
21 2) EMPHASIZES the importance of finding a way to dispose of nuclear materials without it
22 being harmful to humans and the environment;

23
24 3) SUGGESTS that in the event of another nuclear spill, a way is found to clean up the
25 atomic material and dispose of it in a safe way;

26
27 4) CONGRATULATES the EPA's Radioactive Site Cleanup Program for its efforts to clean
28 up and dispose of atomic radiation as well as asses the risk of a radioactive site;

29
30 5) CALLS UPON the need for a response plan in the event that another nuclear spill
31 happens again in the future;

32
33 6) CONSIDERS the use of radiation and mixed waste incineration as well as electro kinetics
34 remediation to clean up atomic radiation;

35
36 7) SUPPORTS the UNSCEAR (United Nations Scientific Committee on the Effects of
37 Atomic Radiation) and their submission of a report to the United Nations General
38 Assembly.



McKendree Invitational

MODEL UNITED NATIONS



1/3

Submitted To: Science and Technology

Topic: Effects of Atomic Radiation

Submitted By: Republic of Korea

1 FULLY AWARE that radiation is defined as a form of energy that is transmitted through the air
2 and that human beings are subjected to a small dose of radiation every day, and
3

4 NOTING WITH REGRET that the atomic bombs dropped on the Japanese cities of Hiroshima
5 and Nagasaki essentially caused the survivors to have a 46% chance of receiving leukemia while
6 indirectly affecting the growth rate of children subjected to areas of past radiation, and
7

8 EMPHASIZING mutation is the product of radiation changing cellular structures, and that those
9 mutated cells may eventually be replicated to a point where cancer can be formed, while
10 radiation can destroy or damage the cell itself, and
11

12 ALARMED atomic radiation produces over 5000 tons of nitrogen oxide per megaton, which
13 leads to the depletion of the ozone, and
14

15 APPLAUDS the Environmental Literacy Council on their findings from Chernobyl, which were
16 centered around the effects of radiation and how it caused numerous plants in the area to die, and
17 how they found that plant life was difficult to sustain, and
18

19 BEARING IN MIND fallout of atomic bombs is the moment when the bomb's shockwaves pass,
20 leaving radioactive dust and debris that was created when the bomb hit earth's surface, and is an
21 extremely dangerous form of radioactive contamination;
22

23 1) EXPRESSES IT'S APPRECIATION to the UNSCEAR (United Nations Scientific
24 Committee on the Effects of Atomic Radiation) for their effort with researching
25 atomic radiation levels and the effect of radiation;
26

27 2) RECOMMENDS innovation and research towards the study of atomic radiation at a
28 deeper and more intense level to help further the nations knowledge on the effects of
29 atomic radiation;
30

31 3) ENDORSES the cooperation and support from all of the countries, while urging them
32 to share and request any information regarding atomic energy, during a yearly
33 summit, that proves beneficial to the nation;
34

35 4) CONSIDERS the idea that countries begin the research of providing a safer, more
36 efficient way to help prevent radiation leakage, and an impregnable way to handle
37 atomic radiation leakage.



McKendree Invitational

MODEL UNITED NATIONS



1/4

Submitted To: Science and Technology

Topic: Effects of Atomic Radiation

Submitted By: Chile

1 REALIZING that the effects of atomic radiation may put future advancements for energy uses to
2 a halt, and

3
4 UNDERSTANDS that with nuclear power may come atomic radiation leaks that would affect
5 citizens health, and

6
7 EXPRESSING WITH DEEP CONCERN that atomic radiation is extremely dangerous, and

8
9 REALIZES how radiation can effect present and future generations, and

10
11 CONCIOUS that many weapons and energy resources emit Atomic Radiation

- 12
13 1) RECCOMENDS that the use of nuclear energy and other radiation emitting
14 technologies and chemicals be put to a minimum;
15
16 2) DEMANDS that all nations take part by helping to promote the uses of alternative
17 sources that supply the same effects of the products that cause atomic radiation leaks;
18
19 3) INVITES all countries and nations to discuss and present new ideas of
20 environmentally safe and non-lethal, yet still effective ways to provide these essential
21 to present and future life products.



McKendree Invitational

MODEL UNITED NATIONS



1/5

Submitted To: Science and Technology

Topic: Effects of Atomic Radiation

Submitted By: Germany

1 RECOGNIZING the effect of the Fukushima crisis on Europe, with the spread of atomic
2 radiation throughout the continent, and

3
4 EXPRESSING DEEP CONCERN that 70 nuclear reactors are currently being constructed
5 around the world, and

6
7 MENTIONING that Germany is currently trying to eliminate all atomic power by 2022 with the
8 German Atomic Energy Act, and

9
10 NOTING that solar panels are currently being constructed in Africa with Project Desertec, and

11
12 EXPECTING that Project Desertec will provide 15% of Europe's energy at completion;

13
14 1) TAKES NOTE that countries with atomic energy will need top safely dismantle
15 nuclear reactors and find safe ways of disposing hazardous waste

16
17 2) REMINDS that countries previously mentioned will be required to find alternative
18 sources of power

19
20 3) EMPHASIZES that the electrical grid in Europe will need to expand in order to avoid
21 power shutdowns

22
23 4) ENCOURAGES Project Desertec to continue with its completion in 2050

24
25 5) SUGGESTS other governments to follow Germany with its plan for nuclear phase-
26 out



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MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Effects of Atomic Radiation

Submitted By: Ukraine

NOTICING the disasters that have been caused in the past such as Hiroshima and Nagasaki, calling atomic power “a new and most cruel bomb”, and

ADDRESSING specifically the Chernobyl disaster of 1986 which left everything within 3 kilometers of the plant in ghost-like ruins, and

REALIZING that the effects of these disasters can last for many years such as physical and environmental, and

ALARMED BY the long-term effect known as “nuclear winter”, a theory in which the explosion of many bombs would raise great clouds of dust and radioactive material that would travel high into Earth’s atmosphere. This would block out sunlight, lowering surface temperature and reducing the allowance of photosynthesis, disrupting the whole food chain, and

STRESSING the physical deformities and disabilities caused by the disasters, and

TAKING INTO CONSIDERATION Ukraine’s massive dependence on nuclear weapons, containing 15 reactors generating about half the electricity, even after the environmentally-destroying disaster of Chernobyl, and

DEEPLY CONCERNED by the United States’ and Japan’s attempt to gain control of nuclear power;

1. Further increase Ukraine’s pursuance to refrain from receiving nuclear power from Russia;
2. Approves of Belarus and Kazakhstan giving up their nuclear weapons, setting an example for the rest of the world;
3. Encourages immediate American and Russian reductions to the same nuclear arsenal sizes of the other nuclear nations to a level of 200 weapons each, maintaining the nuclear deterrence of each, and preventing the possibility of nuclear engagement.
4. Recommends potassium iodide pills to be supplied to all nuclear nations in threat of exposure.



McKendree Invitational

MODEL UNITED NATIONS



1/7

Submitted To: Science and Technology

Topic: Effect of Atomic Radiation

Submitted By: Jordan

1 Recognizing the United Nation's continued concern on the topic of atomic radiation and the
2 persistent work of the United Nations Scientific Committee on the Effects of Atomic Radiation
3 and,
4

5 Bearing in mind the amount of radiation that the average human is exposed to about 620
6 millirems (mrem) of radiation a year and,
7

8 Concerned that half of this radiation is generated from man-made sources and,
9

10 Expressing deep concern that the above measurement does not include the radiation that is
11 absorbed by people who work with radioactive materials or those who are affected by nuclear
12 disasters and,
13

14 Endorsing the use of nuclear reactors to create clean energy throughout the world and,
15

16 Noting with concern the high-level and low-level radioactive waste that is formed from these
17 reactors, and
18

- 19 1) Applauds the annual summit organized by the Scientific Committee on the Effects of
20 Atomic Radiation;
21
- 22 2) Emphasizes the importance of safely and cleanly mining uranium and transporting it
23 to nuclear power plants;
24
- 25 3) Draws attention to current techniques of disposing of atomic waste by cooling it and
26 storing it with glass in concrete containers;
27
- 28 4) Invites new techniques of disposing of radioactive waste to be explored and
29 researched by the world's leaders in nuclear science;
30
- 31 a) Urges the practice of these experimental techniques be conducted in a safe
32 environment that will harm neither humans nor wildlife.
33



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MODEL UNITED NATIONS



1/8

Submitted To: Sci-Tech

Topic: Nuclear Power Plant

Submitted By: Bolivia

1 Taking note that nuclear power plants are highly treacherous and risk major repercussions, and

2
3 Conscious that nuclear radiation exposure hazards inhabitants and surrounding wildlife, and

4
5 Emphasizing the underlying benefits of nuclear power sources, such as creating 400 to 700
6 permanent jobs and a yearly average economic output of value of approximately \$470 million,
7 and

8
9 Aware of the fact that the substantial harmful qualities of nuclear power outweigh the
10 inconsequential prosperity, and

- 11
12 1) Suggests deliberating the issues and not enforcing hast verdicts;
13
14 2) Requests a duration of time to further research and manipulate a reliable and secure
15 course of action to insure the safety of surrounding citizens;
16
17 3) Reaffirms the economic stability to come with new job source;
18
19 4) Urges open mindedness towards the growing use of nuclear sources;
20
21 5) Stresses the concern to improve effectiveness and efficiency throughout the country;
22
23 6) Emphasizes nuclear power plants were created to better power sources with the
24 increasing demand for electricity, not intended to endanger and expose inhabitants to
25 radiation.



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Effects of Atomic Radiation

Submitted By: Israel

1 **CONCERNED** about the effects of atomic radiation exposure to people and wildlife that may
2 cause mutations and or death, and

3
4 **ENCOURAGING** alternate energy that can be obtained from other sources that are safer for the
5 environment such as wind or solar that are renewable while using deep burial or
6 transmutation/portioning to control the amount of nuclear waste, and

7
8 **MORTIFIED** by the tragedy that happens when a nuclear meltdown or an atomic explosion
9 occurs and the fallout effects upon the environment, and

10
11 **STRESSED** about the thermal radiation causing flash blindness, retinal burns, scarring, and
12 carcinogens that are in the fallout, and

13
14 **CONSCIOUS** when a blast wave destroys buildings at several hundred kilometers per hour and
15 causes entire cities to become flat, and

16
17 **AWARE** of the safety standards capability of International Atomic Energy Agency (IAEA) and
18 regional partnerships that the safety standards as well, and

19
20 **BEARING IN MIND** the tragedy that happened in Ukraine in 1986 of the Chernobyl nuclear
21 reactor meltdown where over 4,000 people died;

22
23 1.) **URGES** Nations to locate facilities at a safe distance from populated areas and set
24 standards compatible with IAEA standards;

25
26 2.) **DRAWS ATTENTION TO** the need for Emergency Response Centers near
27 strategic areas to insure the safety of the public;

28
29 3.) **EMPHASIZES** peaceful negotiations with neighboring countries for safe nuclear
30 research and energy because of the possibilities of an accident can cause
31 consequences that cannot be contained within national boundaries;

32
33 4.) **CALLS UPON** IAEA member states to strengthen the global nuclear safety regime,
34 promoting nuclear safety culture worldwide and in providing expertise and advice;

35
36 5.) **ACKNOWLEDGES** the risk of leakage or emission of radioactivity or natural
37 disasters in nuclear centers and suggests contingency plans for such an emergency.



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: The United States of America

1 **Recognizing** the essential role the internet has in the advancement of technology that benefits all
2 mankind, as well as its role in government as well as the global market, and

3
4 **Realizing** that the internet is one of the pillars of modern civilization that has benefited the
5 global community extensively and without its existence the world as it is today would not be
6 possible

7
8 **Taking into consideration** the fact that every government throughout the world, as well as the
9 United Nations relies on the internet to function effectively on a daily basis, and

10
11 **Deeply concerned** by the exponential increase in cybercrime which negatively affects the global
12 economy, interferes with government operations, and often monetarily robs its victims, and

13
14 **Believing** that if cyber criminals are allowed to continue their crimes unabated, the damage they
15 do will only grow as the world becomes increasingly reliant on the internet, and

16
17 **Recalling** the advances made by the United Nations Economic and Social Council in the hosting
18 of the first ever Cyber Security Summit in London, UK, in June of 2011, and

19
20 **Stressing** that cyber-crime will continue so long as safe haven nations exist where cyber
21 criminals are not prosecute for the crimes they commit

22
23 1.) **Encourages** the creation of a U.N. treaty to allow Interpol (International Police)
24 access to individual nations for the purpose of arresting identified cyber criminals;

25
26 2.) **Calls Upon** the international court to convene a special court specifically for trying
27 cases of cyber-crime;

28
29 3.) **Recommends** that the Security Council consider taking action against those nations
30 that willingly refuse to punish cyber criminals, and allow persons within their borders to
31 continue to do damage to mankind;

32
33 4.) **Endorses** the creation of a cyber-crime investigation unit within Interpol to take the
34 burden off hunting down cyber criminals off of individual nations, and allow the global
35 community to work together to eliminate cyber-crime to strengthen our world as a whole.



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MODEL UNITED NATIONS



Submitted to: Science & Technology

Topic: Cyber Security

Submitted By: Republic of Ireland

1 RECOGNIZING that the majority of the world's governments and economies are heavily
2 reliant on technology, and

3
4 ACKNOWLEDGING the very important role that technology plays in everyday lives,
5 and

6
7 ALARMED that terrorist organizations and malicious individuals prey upon countries
8 and their citizens with underdeveloped cyber security measures, and

9
10 NOTING WITH DEEP CONCERN that as new cyber protection measures are
11 developed, thieves, terrorists, and wrongdoers are developing new ways to counteract
12 these measures;

13
14
15 1) ENCOURAGES that nations regularly gather peacefully for a summit for new
16 cyber security technologies, and ways to deter cyber terrorism;

17
18 2) SUGGESTS nations that handle sensitive information further develop new
19 and more secure networks to protect citizens identities and information that
20 might pertain to national and international affairs;

21
22 3) RECOMMENDS that utility companies, banks, government offices, and any
23 organizations that handle sensitive information implement closed networks
24 and other cyber security measures to help protect citizens identities and
25 sensitive information;

26
27 4) ADVISES that nations at risk of a cyber-security breach set aside a fund for
28 research and development of new cyber security technologies and the
29 implementation of these newly developed technologies.



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MODEL UNITED NATIONS



2/3

Submitted To: Science and Technology

Topic: Cybersecurity

Submitted By: The State of Qatar

1 ALARMED that the future of global communication and internet safety is being jeopardized by
2 hacking and other intrusive measures, and

3
4 RECOGNIZING that in order to create a safe and secure global network, we must all make
5 cybersecurity a priority so that the World Wide Web can be used by everyone safely, and

6
7 EMPHASIZING that the primary focus of cybersecurity is to enable a safe global network for all
8 people to use for their various needs, especially online banking and other personal information,
9 and

10
11 KEEPING IN MIND that achieving global internet safety requires the focus of all global powers
12 and developed nations to monitor possible threats to safety, and

13
14 ACKNOWLEDGING the additional challenge of monitoring the expansive and always changing
15 network;

- 16 1) Promotes government responsibility to keep their networks secure and to actively
17 root out hacking;
- 18
19 2) Endorses the founding of official government sponsored organizations focused on
20 enforcing cyber safety;
- 21
22 3) Suggests the use of high tech programs and other means to prevent hacking from
23 occurring;
- 24
25 4) Urges the passing of laws meant to discourage hacking, typically with harsh
26 consequences as to further keep individuals from attempting the crime;
- 27
28 5) Supports the establishment of a global standard of internet safety, or specifically a
29 model of safe internet browsing and banking;
- 30
31 6) Advocates the global connection between nations, and the teamwork of these
32 nations to create a safe network for all citizens of the world to enjoy without fear
33 of hacking or other intrusions.



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology
Topic: Cyber Security
Submitted By: Pakistan

1 Cognizant of the rapid growth in technology and its integration into more and more systems, and

2
3 Aware of threats to critical computer systems both by rogue groups and nations, and

4
5 Alarmed by the uncovering of the STUXNET virus and the subsequent damage it has caused to
6 Iran, Indonesia, India, Azerbaijan, and Pakistan among others, and

7
8 Concerned that cyber warfare is on the rise, and

9
10 Calling attention to the danger of engaging other nations in cyber warfare and the damage it can
11 do to not only computer systems and networks, but critical infrastructure and monitoring that
12 rely on said networks to operate safely, and

13
14 Noting a rise in DDOS with an estimated 2,934 attacks occurring every day directed at a
15 multitude of targets ranging from businesses to the public sector, and

16
17 Disturbed by the vulnerability of critical networks to attacks every day;

- 18
19 1) Suggests the creation of a taskforce to track and combat cyber attacks;
- 20
21 2) Advises member nations submit data to the aforementioned task force on attacks,
22 frequency, targets, and any other pertinent information;
- 23
24 3) Supports a push towards more transparency in how governments conduct cyber
25 attacks on other nations, their citizens, and their assets;
- 26
27 4) Seeks to place legal limits on the deployment of cyber attacks and to hold nations
28 who choose to engage in cyber attacks accountable for their actions.



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Japan

1 COGNIZANT that, with technological advances of today, and with the technological advances
2 of the future, comes ever-increasing cyber-security threats, and
3

4 EMPHASIZING that such insecurity may jeopardize the well-being and financial security of
5 individuals worldwide, and even the well-being and financial security of whole nations, and
6

7 DETERMINED to increase the awareness of other nations of the growing need for exceptional
8 cyber security, and
9

10 RECOGNIZING that we will need to further our knowledge on the matter of cyber security and
11 the ideas surrounding it so as to better equip ourselves with necessary problem-solving skills and
12 counter measurements to compete against cyber threats and attacks, and
13

14 MINDFUL that cyber security is a complex issue that may not be resolved with ease and Japan is
15 in need of the support of other nations to answer to this global problem;
16

- 17 1) Applauds the implementation of educational lectures and programs in corporations and
18 government facilities on the matter of cyber security;
19
- 20 2) Urges new software and software upgrades available nationwide which effectively reduce
21 the risk of hacking and other illegal technological activity of the sort;
22
- 23 3) Calls Upon able nations to fund the awareness and prevention of cyber security threats
24 and hostilities of unable or developing nations in need of such assistance;
25
- 26 4) Suggests the involvement of the government into the free market in regards to cyber
27 security for the purpose of establishing stronger security networks so as to avoid
28 economic crises or the release of private information involving a corporation or its
29 consumers;
30
- 31 5) Recommends the employment of Information Technology specialists into government
32 agencies or free market corporations that work as a counterforce against hostile computer

33 hackers through the creation of computer programs and software tailored for individual
34 government/free market entities.



Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Iran

1 Recognizing the fact that, in order for the world to become more efficient at preventing cyber
2 attacks, the importance of cyber security has to be emphasized in both developed and developing
3 countries, including those of limited technological resources, and
4

5 Appreciating the fact that, in order for the awareness of cyber security to be brought to the
6 aforementioned countries, the countries involved in the United Nations must make an effort to
7 provide information and tools necessary to help these countries, and
8

9 Having reviewed the efforts put forth by the United Nations Economic and Social Council in
10 bringing awareness to the importance of cyber security, and
11

12 Realizing, however, that cyber attacks still remain an underestimated threat in many countries
13 despite the awareness that has been brought forth by the United Nations Economic and Social
14 Council in the event held on December 9 on "Cyber security and Development", and
15

16 Stressing that raising awareness in developed and developing countries will not only prevent
17 future cyber attacks, but save many lives as well, and
18

19 1) Emphasizes the importance of sharing any and all information regarding cyber security
20 with any nation that can come under a cyber attack;
21

22 2) Approves providing better internet and computer technology to developing countries
23 to help combat future cyber attacks;
24

25 2) Recommends that countries involved in the United Nations train "cyber warriors" and
26 then proceed to send these "warriors" to countries lacking a suitable cyber defense in
27 order to train others in cyber defense tactics;
28

29 4) Urges that countries that are adept at cyber defense communicate with other countries
30 in how to build a proper cyber security system;
31

32 5) Considers an annual meeting of all countries involved in the United Nations which
33 would discuss all advancements made in the technology concerning cyber security;
34

35 6) Encourages strongly the idea that other countries develop a specified training regimen
36 that teaches military officers strategies in defending against cyber attacks.



McKendree Invitational

MODEL UNITED NATIONS



2/7

Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: France

1 **CONCERNED** by the fact of increasing world-wide hackings happening more frequently and in
2 more areas causes fear for national and private cyber security, and
3

4 **REALIZING** cyber security is extremely important to national and private security because of
5 the possibility of losing sensitive data, such as in the July 2009 Cyber Attacks, the Canadian
6 government Hacking, the PayPal Cyber Attack, and the Project Chanology Cyber Attack, to
7 public commercial companies and foreign states can have devastating effect toward that state,
8 and
9

10 **TAKING NOTE** that in 2013 \$46 billion was spent on cyber security, in 2012 \$41.25 billion
11 spent, and in 2012 cost \$445 billion in cyber attacks and cyber crime, and in 2013 cost \$500
12 billion, and
13

14 **EMPHASIZING** the effect of cyber spying internationally is negative and effects afflicted state
15 in negative ways such as loss of state secrets, blaming other states, and states wanting of revenge
16 for major attacks, and
17

18 **MINDFUL** of groups such as Anonymous and WikiLeaks that perform cyber attacks on
19 government and commercial cyber security should be stopped and stronger cyber security must
20 be implemented, and
21

22 1) **CALLS UPON** stricter international cyber laws and punishments to be emplaced
23 world wide to counter cyber attacks;
24

25 2) **STRESSES** the need to enhance cyber security infrastructures in the areas of control
26 systems, energy resources, finance, telecommunications, transportation, water facilities,
27 etc.;
28

29 3) **RECOMMENDS** to make hacking and cyber attacking tools such as programs and
30 equipment more illegal with harsher punishments and unavailable to public;
31

32 4) **SUGGESTS** stopping cyber spying internationally by making and enforcing cyber
33 spying laws and working together to stop cyber spying;
34

35 5) **REQUESTS** to condemn use of cyber spying and call for International Symposium on
36 cyber security with cyber security experts to help the UN, States, and Countries to
37 strengthen cyber security.



McKendree Invitational

MODEL UNITED NATIONS



2/8

Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: United Kingdom

1 CONCERNED about the pressing issue of cyber security affiliated with business breeches as
2 well as on a personal level, such as identity theft, around the world, and

3
4 BEARING IN MIND that our future will depend a great amount upon cyberspace while
5 remembering the internet is constantly evolving and being improved, and

6
7 CONFIDENT in the United Kingdom's National Security and their plan to set aside money each
8 year for four consecutive years, beginning in 2010 and ending in 2014, for cyber security
9 purposes because cyber-attacks are rated as a 'Tier 1' threat, and

10
11 EMPHASIZING the importance of balance between security and the users rights while using the
12 internet, and

13
14 DISCOURAGED by the rapidly growing number of people looking to steal data through
15 cyberspace;

- 16
17 1) APPLAUDS the UK's National Security and their plan to set aside money to,
18 eventually by 2015, with help from the money saved the past four years for cyber
19 security, law enforcement is able to punish cyber criminals:
20 a) REQUESTS that the funding for cyber security continues and the issue stays of
21 high importance in the eyes of the government;
22 b) ENCOURAGES other countries with the same issues to take note of the United
23 Kingdom's National Security Strategy;
24
25 2) CONSIDERS the safety and privacy of all people
26 a) STRESSES that each case should be looked at individually
27 b) URGES that law enforcement must have some trust in internet users and the users
28 must have some trust in their officials; safety and security must be used in the
29 correct terms;
30
31 3) SUGGESTS that all countries are well aware of cyber issues and that they use proper
32 remedies to fix them.
33
34
35
36



McKendree Invitational

MODEL UNITED NATIONS



2/9

Submitted To: SciTech

Topic: Cyber Security

Submitted By: Canada

1 CONCERNED by the amount of important information that has been stolen by hackers and from
2 enemy spies, and

3
4 GRIEVED by countries allowing their spies to gather critical information from allies in a variety
5 of areas, and

6
7 CONSCIOUS that many countries break international laws involving cyber security of other
8 countries, and

9
10 EXPRESSING WITH DEEP CONCERN the need to enforce stronger cyber security throughout
11 the United Nations, and

12
13 NOTING that the current state of cyber security and the threat posed to vital national and
14 international infrastructure by cyber attacks, and

15
16 RECALLING the efforts of GA resolution A/Res/64/211 which reaffirms the right each member
17 state its own critical information infrastructures;

- 18
19 1. APPLAUDS the efforts of NEIVER and their efforts to unify endpoint security
20 around the world;
21
22 2. APPROVES the punishment and imprisonment of illegal hackers and spies of those
23 of other member and non-member states;
24
25 3. SUPPORTS the increasing of all countries cyber security protocols, firewalls, and
26 networks;
27
28 4. CALLS UPON nations to collaborate to confront the transnational nature of cyber
29 security threats through international information sharing;
30
31 5. INVITES public-private cooperation and information sharing among states and other
32 stakeholders to address common challenges;
33
34 6. REQUESTS that the Security Council consider enacting sanctions upon member
35 states and non-governmental organizations who repeatedly initiate cyber attacks that
36 result in disruption of, damage to, or destruction of a nation's critical infrastructure.



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Argentina

ALARMED that 59% of corporate business employees will steal confidential information regarding that business once they have resigned, and

CONCERNED with the fact that the annual cost of cybercrime is over \$100 billion, and

ALARMED BY that nearly 145,000 new malwares were detected on mobile devices in 2013, which was more than 3x the amount of malware detected in the previous year, and

DEEPLY DISTURBED that nearly half of the data breaches recorded in 2012 took place in companies with under 1000 employees, and

NOTING WITH DEEP CONCERN that cybercrime has now become a business which exceeds a trillion dollars a year in online fraud, identity theft, and lost intellectual property;

- 1.) **DRAWS ATTENTION TO** the fact that many nations, developed or developing, have legal loop holes and a lack of cyber security fail safes, and counter measures, that allows for cyber criminals to find "Safe Havens" within these nations;
- 2.) **SUPPORTS** the need for a global convention that will allow all able, and willing, nations to develop strategies to stop the spread of cybercrime and to build upon the Budapest Convention international treaty;
- 3.) **REQUESTS** that member nations help aid underdeveloped nations with cyber security issues in all sectors including the private, governmental, and public to aid in ceasing the spread of cyber crime;
- 4.) **STRONGLY CONDEMNS** any and all nations that may be using their cyber mainframes for spying on and/or using them to gather any and all possible information that may be used to attack any other nations.
- 5.) **CALLS UPON** member states to share resources and technologies to help them secure their networks and vulnerabilities;
- 6.) **ASKS** that member states create public and private partnerships to deter misuse of networks.



McKendree Invitational

MODEL UNITED NATIONS



Subject: Cyber Security
Sponsored By: Georgia
Submitted To: Science and Technology

1 AWARE that incidents like cyber-attacks are happening everywhere around the world,
2 and

3
4 STRESSING that there are many people who can slip past the security and get to files
5 and more secured items, and

6
7 REALIZING that people's electronic devices can be broken into by these hackers, and

8
9 EMPHASIZING that more security can be put on secured files and devises so that people
10 do not loose there devices and files, and

11
12 NOTING that somebody can get by with an age requirement when they are not that age
13 required;

14
15 1) CALLS UPON the nations to help stop cyber tampering by increased security
16 more requirements to open a file;

17
18 2) CONFIRMS that younger people can get by with age requirements so that they
19 can do something that they shouldn't be doing, different security would have to
20 come for age requirements;

21
22 3) DIRECTS all attention to the cyber security to come to an agreement on upgrades
23 to cyber security;

24
25 4) REQUESTS a masked ip on every computer so that a ip grabber can not get an
26 ip off the computer and track the ip to a home address.



McKendree Invitational

MODEL UNITED NATIONS



3/1

Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: The Republic of Colombia

1 **DEEPLY CONCERNED** that millions of disadvantaged persons are unable to pay for alternative energy
2 sources where they are available, and
3

4 **HAVING CONSIDERED** that hydropower is Colombia's most popular choice of renewable energy
5 sources, and
6

7 **BEARING IN MIND** that most of the regions in which it would be ideal to create dams and hydropower
8 plants have already been developed and that Colombia's reliance on hydropower may be affected by
9 large-scale droughts, and
10

11 **FULLY AWARE** that the Energy Sector Management Assistance Program's Discussion Draft on wind
12 energy in Colombia states that the potential for wind power is higher in Colombia than in most of South
13 America and is estimated enough to fulfill the national power demand twofold but has only installed a
14 partial amount of that capacity, and
15

16 **OBSERVING** that other nations may find themselves in similar situations, and
17

18 **NOTING WITH SATISFACTION** that Colombia and other nations are already putting forth many
19 efforts to develop clean and renewable energy sources such as their work with other nations in the
20 Western Hemisphere to advance the Energy and Climate Partnership of the Americas, and
21

22 **RECOGNIZING** the United Nations' declaration of the Decade of Sustainable Energy for All addresses
23 these concerns and emphasizes a need for renewable energy in all nations, and
24

25 **STRESSING** that these ambitions can only be achieved through international cooperation for the purpose
26 of improving the global environment and economy;
27

28 1.) **DRAWS THE ATTENTION** to the decreasing cost of sustainable energy;
29

30 2.) **EMPHASIZES** the importance of all nations continuing to work together to improve the
31 quality and quantity of energy sources in developing countries;
32

33 3.) **ENCOURAGES** all nations to exert all possible efforts to increase production of
34 renewable energy and decrease reliance on fossil fuels;
35

36 4.) **ENDORSES** the United Nations Development Programme's projects that focus on
37 improving the availability and accessibility of sustainable energy sources;
38

39 5.) **INVITES** nations to join IRENA, the International Renewable Energy Agency, or other
40 organizations committed to developing sustainable energy.



McKendree Invitational

MODEL UNITED NATIONS



3/2

Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Norway

1 EMPHASIZING the fact that, in order for the entire world to be equally productive and efficient
2 each country must have the same abilities of each other each other, and
3

4 TAKEING NOT THAT in order for this world of equality to take place they must be given the
5 same opportunity's that the more developed country's had, and the first step to that is creating
6 alternate, less expensive forms of energy for developing countries, and
7

8 NOTING that while member-nations should try to work on providing are self's with alternate
9 forms of energy, member-nations should truly focus on the improvement of underdeveloped
10 countries, and
11

12 APPALED BY THE FACT that In 2009, approximately 1.4 billion people in the world lived
13 without electricity, and 2.7 billion relied on wood, charcoal, and dung for home energy
14 requirements, this lack of access to modern energy technology limits income generation, blunts
15 efforts to escape poverty, affects the health of women and children, and contributes to global
16 deforestation and climate change, and
17

18 STRESSING that in order for this problem to be fixed all developed and developing nations
19 must corporate, and
20

21 INSPIRED by agencies such as International Renewable Energy Agency (IRENA) who have
22 greatly help promote making the switch to alternate forms of energy;
23

24 1) INVITES member-nations to join the International Renewable Energy Agency
25 (IRENA) in promoting the adoption of renewable energy worldwide and provide concrete
26 policy advice and facilitate capacity building and technology transfer;
27

28 2) ASKS for the help of more developed member-nations in the United Nations to share
29 their technology with developing member-nations and to help them alter this technology
30 to their country's specific needs;
31

32 3) CALLS UPON all member-nations to put forth there best experts and efforts on trying
33 to resolve the issue of finding alternate sources of energy;
34

35 4) SUGGESTS that the United Nations create an annual International Summit which
36 would encourage the financial support of alternative energy companies looking to work
37 in developing country.



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Guatemala

Emphasizing that the Secretary General reports that new and renewable sources of energy are not only an important option for energy supply, but also key resources for addressing global issues such as universal energy access, and

Viewing with appreciation the potential demonstrated by many developed and developing countries by the use and successful deployment of renewable energy sources to satisfy energy needs and replace other sources, but

Realizing that according to the United Nations Energy yearbook nearly 70% of the world's electricity is generated from non-renewable energy sources, and

Noting with deep concern that the last decade the world has seen declining investments in renewable energy sources due to the international economic crisis, and

Reaffirming the goals 7 and 8 of the United Nations Millennium Development goals which are to "Ensure environmental sustainability" and to "Develop a global partnership for development", and

Bearing in mind that much more needs to be done to make the growth of renewable energy self-sustaining and to pursue the accelerated deployment necessary to achieve critical universal goals, such as far greater dependence on alternative energy sources, and

1.) **Draws attention to** the importance of further international economic investment into alternative, renewable energy sources;

2.) **Calls upon** all nations to promote and pursue alternative energy sources in their own nations and abroad;

3.) **Promotes** striving towards global partnership for development as outlined by the United Nations Millennium Development Goals, specifically in context to ensuring environmental sustainability and the further creation of a global partnership for development

4.) **Suggests** creating a specific foundation within the United Nations to ensure and promote the international advancement and use of alternative and renewable energy.



McKendree Invitational

MODEL UNITED NATIONS



3/4

Submitted To: Science and Technology

Topic: Alternative Energy

Submitted By: United Arab Emirates

1 Acknowledging the UAE aims to build first carbon-neutral city relying on solar, wind and other
2 renewable energy sources for power costing around 22 billion US dollars, and

3
4 Recognizing it having a small alternative energy program that is said to be the most ambitious in
5 the GCC region if not in the MENA region, and

6
7 Keeping in Mind large amount of alternative energy program relies on natural gas which the
8 UAE will struggle to meet demands with, and

9
10 Bearing in Mind only 7% of generated electricity to be created by alternative energy sources by
11 2020, which is not much in comparison to consumption levels of the UAE, and

12
13 Taking Note UAE has doubled carbon footprint in past 30 years and has risen to 6th per capita
14 carbon footprint in the world;

- 15
16 1) Endorses carbon footprint reduction and lower water and energy consumption the
17 UEA invites other countries to follow their lead with environmentally better choices;
18
19 2) Encourages other countries to compete with their alternative energy source program
20 and to use renewable energy resources like solar, wind and etc. ;
21
22 3) Seeks to Resolve natural gas shortage by producing it by CCS (carbon and capture
23 storage) and fossil fueled feedstock;
24
25 4) Further Proclaims clean energy sources by starting geothermal facilities in the gulf as
26 well as large solar power plants planned to produce anywhere from 10 to 100 MW
27 alone.
28
29
30



McKendree Invitational

MODEL UNITED NATIONS



3/5

Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Belgium

1 Fully aware that there is an estimated 35 years left of oil useful oil reserves in the world,

2
3 Alarmed that after the year 2042 coal may be the only fossil fuel source left in existence,

4
5 Deeply disturbed by the fact that there are 3.2 billion tons of carbon dioxide added to the
6 atmosphere each year by the use of coal,

7
8 Fully believing the world will destroy itself if no new alternative energy sources are utilized
9 within the next ten years,

10
11 1) Congratulates itself and the USA on the many new implications of alternative
12 energy,

13
14 2) Proposes a committee be made to meet quarterly and research/discuss new ways
15 to raise money and awareness for alternative energy, as well as working towards
16 ways to implement these ideas

17
18 3) Draws the attention that the current use of fossil fuels worldwide is not
19 sustainable for much longer,

20
21 4) Proposes we work together on a global scale to protect the earth,

22
23 5) Supports the idea of having operational geothermal and wind plants in every
24 country by 2024,

25
26 6) Implores countries to spend less money towards military negligence, and more
27 towards alternative energy,

28
29 7) Endorses a "fossil fuel free" world as of 2075.



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Italy

NOTING WITH GRAVE CONCERN the problems of using non-renewable energy is not an option people can push off to the future, people should deal with this problem now to be able to improve the technology in the future, and

NOTING WITH REGRET the harmful pollution that is sent into the atmosphere which human beings breathe every second of everyday and be, and

AWARE how it is harming the environment and that why some car companies are trying to create hybrid cars that run on electricity or gas and electricity that way gas fumes are not being emitted in the atmosphere instead of gas alone, and

MINDEFUL of the alternative choices in the types of energy sources that could be used and,

STRESSING the issue that there are other ways to use renewable energy not just coal and oil and,

- 1) **SUGGESTS** using energy such as, hydro, wind, solar, and natural gas and,
- 2) **CALLS UPON** finding the best way to incorporate these types of energy sources throughout the country and,
- 3) **ENCOURAGES** where the best place to build these wind farms or solar farms to capture these resources that are available at one's fingertips and,
- 4) **EMPHASIZES** that people should not rely on coal and oil because at the rate the population is growing and the use of gas in most transportation, may not be used wisely one hundred percent of the time, also the rate of inflation will increase.



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Lithuania

1. Emphasizing the fact that most sources of energy being used today come from nonrenewable
2. resources,
- 3.
4. Noting that those resources are going up in cost and down in availability as well as taking
5. more environmentally unfriendly ways to produce,
- 6.
7. Reminding all countries that renewable resources can not only be less expensive, but also
8. healthier for the world, to use as an alternate energy source,
- 9.
10. Stressing that there are many renewable alternate energy sources that could be found easily
11. in every country, whether it be solar or hydro, geothermal or wind,

1. Encourages all countries to look into using renewable resources as an alternate energy source;
2. Requests that larger or more advanced countries provide aid to poor countries to help them utilize renewable resources;
3. Stresses the continuing need to use renewable resources as an energy source as well as to continue researching alternative energy sources; and
4. Calls upon every country to switch over to using renewable resources as their main source of energy before nonrenewable energy resources are all run out.



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science & Technology

Topic: Alternative Energy Sources

Submitted By: Panama

EXPRESSING DEEP CONCERN that world CO₂ emissions are expected to double by the year 2030 because fossil fuels will continue to dominate the energy system and continue to comprise 90% of all energy sources, and

BEARING IN MIND that prices of fossil fuels such as, oil, coal, and trees, have potential to rise significantly in the near future, and

TAKING INTO ACCOUNT that the fossil fuel energy demand will rise over 40% by the year 2030, and

KEEPING IN MIND that fuel wood and charcoal are, and will remain, the major sources of energy for the great majority of rural people in developing countries, and

HAVING REGARDED that the removal of trees in both semiarid and humid land in African countries is a result to a large extent of increasing fuel wood demand, and

NOTING the benefits of creating hydroelectric power plants to reduce the amount greenhouse gas emissions, and

AWARE of the scarcity of non-renewable forms of energy such as oil will not be able to keep pace with the current levels of demand in the developing;

- 1.) **CALLS UPON** member states to address future energy needs through the use of alternative energy resources such as wind, solar and hydroelectric power;
- 2.) **SUGGESTS** that member states consider the needs for subsidies and tax credit in order to promote the use of alternative energies;
- 3.) **REQUESTS** that member states hold an biannual summit for the purpose for sharing best practices and sharing resources and technologies;
- 4.) **STRONGLY ENCOURAGES** member states to develop alternative energy resources best suited to meet the needs of their citizens;
- 5.) **URGES** member states to create media campaigns in order to promote the use of alternative energies and educational campaigns to support the increased use of alternative energy resources as a primary means of energy.



Submitted To: Science and Technology

Topic: Alternative Energy Resources

Submitted By: Hungary

1 **CONSIDERING** that all of the world's natural resources are beginning to deplete,
2 including mainly fossil fuels, it's only a matter of time before they are completely depleted,
3 and
4

5 **AWARE** that increasing production in coal mining to fill the gap left through our oil and
6 gas reserves, has predicted coal deposits to run out by 2080, and
7

8 **NOTING WITH GRAVE CONCERN** the numbers of countries that still use fossil fuels for
9 energy, and how the burning of these fuels releases multiple deadly chemicals into the air,
10 such as carbon dioxide and monoxide, and
11

12 **STRESSING** the fact these fossil fuels are limited which in turn raises the demand for the
13 consumers, and
14

15 **HAVING CONSIDERED**, however, this is an important move in the right direction, but
16 more effort must be put forth as a community to gather funding for alternative energy, and
17

18 **TAKING INTO ACCOUNT** that alternative energy is estimated to make up 25% of energy
19 production by 2040;
20

- 21 1) **SUGGESTS** the global community to seek different cost effective alternative energy
22 projects to aid production in energy;
23
- 24 2) **EMPHIZES** the positive effects alternative energy can have worldwide by
25 maintaining the Earth's atmosphere by not over using these fossil fuels;
26
- 27 3) **CALLS UPON** already nuclear power capable countries to promote research in this
28 field, to make nuclear energy sources more safe and efficient;
29
- 30 4) **RECOMMENDS** that nations seek internal programs to inform their citizens of the
31 benefits of alternative energy.
32
33



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Lebanon

1 Concerned that coal, one of the single biggest air polluters in the world, is one of the most-used
2 energy sources despite the grave repercussions; such as acid rain, smog, soot and toxic air
3 emissions, and
4

5 Having Reviewed the problems with coal has realized that there is an energy source that is far
6 more advantageous than coal, namely, geothermal energy, where one uses the never-ending
7 supply of heat from the Earth's core to generate energy with little to none environmental impact,
8 and
9

10 Encouraged by the success of many different attempts to use this geothermal energy, especially
11 through methods such as a geothermal heat pump, usable in almost every part of the world
12 because of the constant nature of the temperature of underground water, and
13

14 Cognizant that many countries are under monetary strain and feel unable to afford this
15 environmentally safe, renewable source of energy because of the relatively high installation
16 price, and
17

18 Confident that since the processing and transportation costs are low, and the geothermal plant
19 can run consistently all day, the plant will pay for itself within five to ten years (according to
20 Consumer Energy Source, a well-known expert in the field of renewable energy), making it cost-
21 efficient, and
22

- 23 1) Urges countries to step away from harmful energy sources and seek out geothermal
24 energy, not only because it would benefit the environment, but also because it will never
25 be expended and will ultimately save money if used consistently;
26
- 27 2) Promotes cooperation between countries currently using an environmentally-damaging
28 energy source and countries that use geothermal energy sources, so the sharing of
29 information about geothermal energy can help convince other countries to try it, and put
30 them at ease about using this relatively new energy source;
31
- 32 3) Suggests an International Informational Summit with developed nations to discuss how
33 best to go about installing and using geothermal energy and other types of renewable,
34 environmentally-safe energy sources.



Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Thailand

1 Having considered that oil production is a main source of economy in many countries and is one
2 of the most profitable industries on Earth, and

3
4 Expressing deep concern that fossil fuels are the dominant source of energy around the world
5 and are not sustainable enough to continue being used so frequently due to fossil fuels depleting
6 so quickly, and

7
8 Stressing that, according to British Petroleum, one-third of the world's energy will need to be
9 made available by renewable resources by the year 2050 due to global warming and the
10 depletion of fossil fuels, and

11
12 Recognizing that alternative energy sources can help reduce the amount of greenhouse gas
13 emission by as much as 90 percent as stated by the Environmental Protection Agency, and

14
15 Calls upon the nations who export and import oil as their main source of economy to
16 search for different ways to stabilize the economy in that country with other means of
17 enterprise;

18
19 Urges countries that are still using fossil fuels as their main source of energy to gradually
20 replace fossil fuel with alternative energy sources;

21
22 Emphasizes the need to reduce dependence on natural gas for generation in favor of
23 renewable sources and nuclear power;

24
25 Suggests that the United Nations advises countries to meet the demands for energy
26 throughout the world by using a variety of alternative energy sources, including solar,
27 wind, hydropower, and bio-energy;

28
29 Recommends countries to increase more efficient modes of electricity across the world,
30 expansion of resources supply the growing demands, and encourage the use of renewable
31 sources.



McKendree Invitational

MODEL UNITED NATIONS



3/12

Submitted To: Alternative Energy Resources

Topic: Science and Technology

Submitted By: Venezuela

1 Expressing deep concern Venezuela is boosting the amount of alternative energy they are using and
2 producing with thermoelectric power plant, and

3

4 Mindful that West Venezuela will be self sufficient with its incline on economic-industrial developing,
5 and

6

7 Taking note that Venezuela is one of the top exporters of oil and natural gas, using alternative energy
8 more efficiently will boost the economy in the long run, and

9

10 Stressing Venezuela depends on hydroelectricity for 60% of their electricity in the last decade, and
11

12 Recognizes that if Venezuela would go to an alternative energy program, that the some of the
13 countries would not have the resources to use create an alternative energy resource;

14

15 1.) Expresses the belief that the world will not be able to continue to have a steady
16 amount of nonrenewable resources if oil and natural gas production continues to
17 decrease while options for additional alternative energy resources increase;

18

19 2.) Considers the fact that discovery of new renewable energy takes a significant
20 monetary investment;

21

22 3.) Demands action regarding the research and development of addition alternative
23 energy resources.



Submitted To: Science and Technology

Topic: Alternative Energy

Submitted By: Rwanda

1 **APPALLED AT REALIZING** the EIA (Energy Information Administration) estimates
2 that a mere 11% of the worlds energy resources are renewable energies; including
3 hydroelectric power, biomass, bio-fuels, wind, geothermal, and solar, and
4

5 **RECOGNIZING WITH GRAVE CONCERN** that the world reserve of fossil fuels is
6 running thin and estimations made by EIA put coal reserves being completely eradicated
7 by 2088, gas reserves being fully emptied by 2060, and oil reserves will be fully used by only
8 2051, and
9

10 **DEEPLY AWARE** that the use of fossil fuel tolls a large tax on both a nation's economical
11 and environmental stability, and
12

13 **STATING WITH PRIDE** that 86% of energy consumed in Rwanda is biomass and
14 hydroelectricity, and
15

16 **DISGUSTED** that EIA's estimations show that energy consumption world-wide is 87%
17 non renewable fossil fuels that will soon be non usable;
18

- 19 1) **STRONGLY URGES** member states to follow already enacted alternative
20 energy solutions such as the Kyoto protocol introduced by the United Nations
21 in 1997;
22
- 23 2) **REQUESTS** that countries use their surrounding areas to find suitable
24 alternative energy sources;
25
- 26 3) **RECOMMENDS** that schools and governments educate their people about
27 the consequences of fossil fuels and the benefits of alternative energy as to
28 focus the views of current and future generations on finding a solid solution.
29

3/14



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Republic of Chad

1 BEARING IN MIND that most 3rd world countries produce a substantially smaller amount of
2 electricity than 1st world countries, and
3

4 EMPHASIZING the need for renewable energy to become more of a common entity in the
5 global community due to the diminishing non-renewable energy sources, and
6

7 ENDORISING prior resolutions that have been passed on the reliable and stable transit of energy
8 and its role in sustaining development along with international cooperation, and
9

10 APPLAUDING the work that has been done by major energy producing nations in working
11 toward moving away from fossil fuels and using renewable resources to produce their energy in
12 a safe and environmentally healthy way, and
13

14 RECOGNIZING that renewable energy sources are the future for everyone, not just the more
15 developed countries; actually, it should be more prominent in countries that are less developed;
16

- 17 1) Promotes the research being done on the future of nuclear energy that is done in a
18 safe and peaceful way;
19
- 20 2) Emphasizes the need for renewable energy in less developed countries, so that
21 when they develop they will develop the alternative energy sources along with
22 their nation;
23
- 24 3) Urges nations that already have a steady energy source to start attempting to make
25 the change to renewable energy so that they can help provide the less developed
26 countries with those technologies;
27
- 28 4) Invites the countries that have already made these changes to instruct others on
29 how to do it effectively and efficiently.



McKendree Invitational

MODEL UNITED NATIONS



3/15

Submitted To: Science and Technology

Topic: Alternative Energy Source

Submitted By: Portugal

1 **EMPHASIZING** the fact that the whole world's fossil fuels, such as oil, coal, petroleum, and
2 natural gas are depleting year by year. This is where we need to grow our use of solar, wind,
3 hydro, biomass, and geothermal energy.

4
5 **STRESSING** the need for alternative energy sources so that fossil fuels will not one day become
6 extinct. By 2050, one-third of the world's energy will need to come from solar, wind, and other
7 renewable resources.

8
9 **FULLY ACKNOWLEDGING** that fossil fuels depletion, climate change, and population
10 growth are reasons for the need of renewable or alternative resources.

11
12 **NOTING WITH DEEP CONCERN** that once fossil fuels are used up as energy and become
13 extinct, they will not be returning on earth for a very long time

14
15 **EMPHASIZING FURTHER** that the need for alternative and renewable energy sources,

16 1) **IMPLORES** the rest of the world coming together use more of these alternative and
17 renewable energy sources and less of fossil fuel energy sources.

18 2) **SUGGESTS** that fossil fuels, such as oil, coal, petroleum, and natural gas, will slowly
19 begin to become extinct over the next few years.

20 3) **PROMOTES** the use of alternative and renewable resource to be used as a solution to
21 the problem of depleting fossil fuels in the world.



McKendree Invitational

MODEL UNITED NATIONS



3/16

Submitted To: Science and Technology

Topic: Renewable Energy

Submitted By: Ethiopia

1 Expressing deep concern at the fact that only a gross minority of the world energy consumption
2 is produced by alternative energy sources, and is only projected to increase by a small percent,
3 where the world will change irrevocably for the worse unless action is taken to reverse this trend,
4 and

5
6 Emphasizing that there is an untapped market for the global production of alternative energy
7 sources, especially in countries that currently have little infrastructure to distribute traditional
8 forms of energy, as such countries have a large supply of resources that would provide reliable
9 forms of alternate energy, and

10
11 Realizing that the world will continue to go down the road of traditional energy consumption if
12 there is not an effort by established national economies to assist the burgeoning alternative
13 energy markets in less established rising economies, and

14
15 Recognizing the efforts of the developed nations that have converted a majority of their internal
16 energy consumption and have assisted in the further development of alternative energy
17 technologies, and the effort of the Sustainable Energy for All initiative led by UN Secretary-
18 General Ban Ki-Moon, and

19
20 Wishing that in order to reverse the trend of traditional energy consumption, the United Nations
21 would put forth aid to undeveloped countries where it would make the greatest impact;

22
23 1) Invites those countries with established system of alternative energies to cooperate
24 with those nations that have yet to establish their systems for alternative energy, that they
25 might work together to improve both of their energy production systems;

26
27 2) Requests the expansion of the Global Environment Facility Small Grants Programme
28 to further include grants to those who wish to explore renewable energy in their local
29 areas, which would increase the support of local populations towards non-traditional
30 forms of renewable energy, and the incorporation of alternative energy topics into the
31 UN-Reducing Emissions from Deforestation and forest Degradation initiative, as energy
32 consumption is a major cause of deforestation;

33
34 3) Urges the creation of an International Summit, sanctioned by the United Nations,
35 which will meet yearly to increase the cooperation of nations in developing alternative
36 energies and to help foster the sharing of alternative energy technologies between
37 member-nations.



McKendree Invitational

MODEL UNITED NATIONS



3/17

Submitted To: Science and Technology

Topic: Alternative Resources

Submitted By: Nigeria

1 Concerned that many other countries around the world rely on fossil fuels for a majority of their
2 energy production and consumption and worried that many are also lacking the proper facilities
3 to produce the amount of energy that is needed to power their countries through clean and
4 renewable resources, and

5
6 Realizing that many countries would be opposed to these new changes in energy production and
7 consumption because their economies currently rely on the export of fossil fuels to other energy
8 hungry nations, yet

9
10 Confident that nations can begin producing adequate amounts of energy from renewable energy
11 resources for export and consumption if these nation were supplied with the proper funding and
12 education through the support of currently existing committees in addition to private investors,
13 and

14
15 Bearing in mind that fossil fuels and natural gas are non-renewable resources that are hazardous
16 to the environment whereas renewable energy resources such as wind power, hydroelectric
17 power and geothermal are clean and reliable energy resources, and

- 18
19 1) Suggests that nations continue or begin efforts to develop reliable and consistent
20 forms of clean and renewable resources to help stabilize their economies for the
21 future;
22
23 2) Notes with interest the many new advances that are being introduced into the field of
24 renewable resources which allow for cheaper, safer and more reliable forms of energy
25 production;
26
27 3) Calls upon developed countries to aid underdeveloped countries in constructing new
28 renewable energy facilities, maintaining these new facilities as well as educating them
29 so these underdeveloped nations can managed these facilities on their own;
30
31 4) Appreciates all current and past efforts made by any nations to help advance the
32 technology in the field of renewable resources, nations who have helped or are
33 currently helping other nations develop or maintain their renewable energy resources.



McKendree Invitational

MODEL UNITED NATIONS



3/18

Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Ecuador

AWARE that our economy continues to be strongly dependent on oil production and exports such as natural gas, petroleum, and coal, and

REALIZING how this energy source creates many problems for limited availability of hydrocarbons, and high energy prices, and

HAVING CONSIDERED the reserves-to-production ratio of less than ten years, we must intensify, explore efforts, and maintain investments so that our energy sources hydrocarbons will contribute, and

MINDFUL the financial and legal limitation within which the Ecuadorian State Petroleum Corporation (CEPE) and the Ecuadorian Electrification Institute (INECEL) are forced to operate with, and

HAVING CONSIDERED why the financial budget can only improve by a structural reform of current oil revenues distribution;

- 1) **REQUESTS** the help for funding from the united nations is increased to help move forward with our gasification progress, which means turning waste into gas energy;
- 2) **EMPHASIZES** the agreement by the Mayor of Duran, Delton Narvaez Mandieta, approving the execution of the gasification progress while still using the current source of energy, petroleum to still have the use of energy;
- 3) **RECOMMENDS** that with the help of more Ecuadorians when the gasification progress starts to uproot, that there will be much mess until the detriments of the program are all worked out;
- 4) **DEMANDS** that the United Nations approves of the new effort for mineral enriched and high organic content to overall remove extra unwanted waste.



McKendree Invitational

MODEL UNITED NATIONS



3/19

Submitted To: Science and Technology
Topic: Alternative Energy in South Africa
Submitted By: South Africa

1 CONCIOUS that the country relies heavily on its large-scale, energy-intensive coal mining
2 industry, and

3
4 CONCERNED that South Africa has limited reserves of oil and natural gas and uses its large
5 coal deposits to meet most of its energy needs, and

6
7 AFFIRMING that the Department of Energy, in collaboration with the Department of Public
8 Works and Eskom, is retrofitting government buildings to make them more energy efficient, and

9
10 BEARING IN MIND that a National Liquid Petroleum Gas Strategy was submitted to Cabinet in
11 2011/2012 to provide access to safe, cleaner, efficient, portable, environmentally friendly and
12 affordable thermal fuel for all households, and to switch low-income households away from the
13 use of coal, paraffin and biomass to liquid petroleum gas, and

14
15 ACKNOWLEDGING that South Africa is capable of modeling successful efforts to other
16 countries in finding safer and more reliable fuels, and

17
18 AWARE that other countries can follow in South Africa's footsteps of having Cabinet briefed on
19 the first meeting of the National Nuclear Energy Executive Coordination Committee in
20 November 2012 to oversee any future nuclear procurement processes

21
22 CONFIDENT that Necsa is working to undertake and promote research and development in the
23 field of nuclear energy and radiation sciences and technology;

- 24
25 1) EXPRESSES THE HOPE that South Africa can be a model to other countries it its
26 effort to discover alternative energy resources;
27
28 2) INVITES the UN to aid in finances regarding alternative energy research to find
29 better ways to supply the country with power than using non-renewable coal;
30
31 3) SUGGESTS that South Africa stays distant from nuclear energy in heavily populated
32 areas to avoid atomic radiation concerns;
33
34 4) WELCOMES aid in experimental research to assess the potential for mining coal-bed
35 methane gas, and to help in discovering and using technology to partake in
36 underground coal gasification.



McKendree Invitational

MODEL UNITED NATIONS



3/20

Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Australia

1 RECOGNIZING the high demand for energy in many growing countries and the consumption of
2 oil and other fossil fuels is quickly being used up at an alarming rate, and
3

4 OBSERVING that many countries are taking steps to alternative energy sources but not fast
5 enough as fossil fuels and oil are still the leading consumed energy resource around the world,
6 and
7

8 EXPRESSING ITS APPRECIATION to all countries who recognize international organizations
9 such as International Renewable Energy Agency (IRENA) and World Wind Energy Association
10 (WWEA) to help promote cleaner energy worldwide, and
11

12 TAKING NOTE OF alternative energy sources such as wind, solar, and hydroelectric energies,
13 and understanding that nuclear energy is an alternative energy source it should not be a first
14 choice because of the dangers it may cause, like we saw in the Fukushima nuclear disaster,
15 Chernobyl disaster, and the Three Mile Island accident , and
16

17 BEARING IN MIND that the burning of fossil fuels produces carbon emissions in our
18 atmosphere, which is contributing to global warming, and is projected to increase each year and
19 that alternative energy resources would produce little to no emissions, and
20

21 1). FURTHER INVITES countries to support international organizations such as IRENA
22 and WWEA, and
23

24 2). ENCOURAGES countries to work towards eliminating their consumption of fossil
25 fuels and work towards a cleaner energy source such as wind, solar, and hydroelectric energies,
26 and
27

28 3). SUGGESTS that developed countries share their ideas and technologies with
29 developing countries to help promote a cleaner energy source, and
30

31 4). CALLS UPON the united nations to help fund poorer nations in the construction of
32 better energy sources such as wind turbines and solar panels, and
33

34 5). EXPRESSES THE HOPE that all countries can work together to help develop cleaner
35 energy alternatives and to stop the consumption and usage of fossil fuels to create a safer and
36 cleaner environment.



McKendree Invitational

MODEL UNITED NATIONS



3/21

Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: New Zealand

1 CONCERNED that 87% of the world is reliant on fossil fuels, and that only 13% is from
2 alternative energy resources, such as hydroelectric power and photovoltaic power cells and
3 hoping that this percentage of renewable energy increases as called for by the Environment
4 Sustainability Millennium Development Goal, and
5

6 GREIVED by the fact that the MDG of reducing biodiversity loss and reaching a lower world
7 emission level from fossil fuels is far from being reached by most countries globally, and
8

9 DRAWING ATTENTION TO research of the Sustainable Development Goals (SDG's), through
10 which new ways to capture energy could be discovered and the solution to the funding required
11 potentially being in non-governmental organizations (NGO's) to bridge the large fiscal gap, but
12

13 STRESSING that oil is the world's top non-renewable resource and will run out in 52 years with
14 current discoveries, according to the BP Statistical Review in 2012, with the majority contained
15 within OPEC (Organization of Petroleum Exporting Countries) and that these countries have
16 complete control over gas price, and that insufficient preparations will result in consequences on
17 worldwide economic and technological infrastructure, and
18

19 MINDFUL that carbon dioxide levels in the atmosphere have risen over 25% in the past 150
20 years and that 3 million children have died as a result of human pollution in direct relation to
21 environmental factors that are hazardous to people all over the world;
22

- 23 1) CALLS UPON those nations who have not yet made a commitment to decrease
24 emissions and increase renewable energy production according to standards set by the
25 United Nations Kyoto Protocol to reduce their emissions by each country's respective
26 level and join the mission to save the world;
27
- 28 2) SUGGESTS that further research be conducted into the field of alternative energy by
29 NGOs to reduce the overall cost of renewable energy in the new SDG's worldwide and
30 create independent sustainability of energy, without the use of fossil fuels or other
31 renewable energy around the globe;
32
- 33 3) RECOMMENDS more technologically advanced designs to be created so as to
34 encourage the use of alternative energy worldwide instead of being dependent solely on
35 crude oil to reduce emissions and provide a better world to live in for current and future
36 generations.



McKendree Invitational

MODEL UNITED NATIONS



3/22

Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: The Socialist Republic of Vietnam

ACKNOWLEDGING that renewable energy sources are just waiting to be tapped into in many countries, and

HAVING REVIEWED that alternative energy sources such as solar, wind, biomass, geothermal and hydropower are abundant in different areas of the world, and are just not being used, and

ACKNOWLEDGING the fact that alternative energy could save larger countries up to \$180 billion dollars from replacing coal alone, and

RECALLING that sources such as geothermal, solar, and wind energy can be used absolutely anywhere due to the fact that they are not dependent on a nations advancements in technology alone, and

MINDFUL that some developing nations cannot afford the development and production of alternative energy sources, and

STRESSING that many nations have the capability to assist developing nations in their goal to use alternative energy, and

TAKING NOTE that alternative energy sources have, been consistently growing in usage in recent years;

1)CONSIDERS the usage of wind energy on coastal areas due to the higher amount of wind;

2)RECOMMENDS the installation of solar panels on residential buildings, along with businesses;

3)SUGGESTS using geothermal plants in areas that have little to no hydroelectric capabilities;

4)APPRECIATES non governmental organizations that have taken it upon themselves to aid countries in need;

5)URGES that more developed nations assist in any way possible to fund these developing countries in order to widespread the use of alternative energy.



McKendree Invitational

MODEL UNITED NATIONS



3/23

Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: India

1 GRIEVED by the fact that the world still relies on non-renewable energy sources for over 80%
2 of its energy production, and

3
4 NOTING that fossil fuels are a limited resource predicted to diminish by the end of the 21st
5 Century, and

6
7 CONCERNED that global energy consumption is projected to rise 56% by 2040, keeping in
8 mind that at the same time, non-renewable resources are becoming more and more scarce, and

9
10 DISAPPOINTED by nations that refuse to attempt to use clean and renewable energy in order to
11 not only keep from further polluting the Earth, but also secure abundant energy for the future
12 citizens of the world, and

13
14 ENCOURAGED by the increasing number of nations that already produce over 50% of their
15 yearly energy from renewable resources, such as Norway, Iceland, Sweden, and Canada, and

16
17 NOTING WITH SATISFACTION that renewable energy source costs continue to decrease, such
18 as solar panels, which have dropped approximately 80% in cost since its introduction as an
19 alternative energy;

- 20
21 1) ENCOURAGES nations that have not already done so to organize government
22 agencies to strictly deal with clean renewable energy;
23
24 2) RECOMMENDS willing nations to, able, attempt to increase their use of renewable
25 resources to at least 50% by 2050, as India itself hopes to reach 100% renewable and
26 clean energy production by that time;
27
28 3) STRONGLY ENCOURAGES nations to participate in the Kyoto Protocol, if they
29 have not already, in order to extend cooperation with global efforts to prevent the
30 pollution of the Earth;
31
32 4) ENDORSES the use of renewable energy sources such as solar energy, which
33 becomes more affordable every year, and therefore easier to obtain for nations that
34 cannot afford to completely reboot their entire energy infrastructure with resources
35 more expensive than fossil fuels.



McKendree Invitational

MODEL UNITED NATIONS



3/24

Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Greece

1 Alarmed that many countries still rely on a majority of fossil fuels to power their daily
2 affairs, and

3
4 Aware that many more countries have no way of accessing alternative energy which
5 leads to reliance on fossil fuels, and

6
7 Concerned that over 1.5 billion people have no access to energy and that 3 billion rely on
8 fossil fuels to meet their basic needs, and

9
10 Realizing that the goal of using more alternative energy sources than fossil fuels is still a
11 long way off, and

12
13 Commending the efforts of organizations such as GEF and UNDP for their efforts in
14 assisting developing countries on their path towards alternative energy sources, and

15
16 1) Urges the UN to provide additional effort to developing countries who do not
17 have access to electricity;

18
19 2) Calls upon all nations to help introduce clean energy into countries that are
20 currently using fossil fuels;

21
22 3) Recommends that a fund be opened where organizations and other sources may
23 donate towards the continued research and improvement and implementation of
24 alternative energy sources.
25
26
27



McKendree Invitational

MODEL UNITED NATIONS



3/25

Submitted To: Science & Technology

Topic: Alternative Energy Sources

Submitted By: Russian Federation

1 EMPHASIZING the importance of energy in today's complex technical infrastructure, including
2 the benefits to residential, commercial, and governmental operations, and

3
4 BEARING IN MIND that recent calculations have estimated the world energy consumption at
5 7,000 kilowatt-hours, 34% of which is generated by oil, 27% of which is coal, and 20% of which
6 is gas, and

7
8 FURTHER RECALLING the rapid depreciation of nonrenewable energy sources in the past 10
9 years, with current estimates placing the end of fossil fuel availability at around 2050 if such
10 consumption rates continue, and

11
12 ENDORSING the widespread adoption of renewable energy sources such as geothermal, solar,
13 wind, hydroelectric, and all other readily producible energies to meet today's energy demands,
14 and

15
16 EXPECTING further action be taken to minimize the carbon footprint and nonrenewable energy
17 consumption and instead promote green energy which will, in turn, strengthen the global
18 infrastructure for decades and even centuries to come by providing sustainable alternatives;

- 19
20 1) ACCEPTS the continued use of fossil fuel under the stipulation that renewable energy
21 is promoted within a given nation and not ignored or delayed for too great a period of
22 time;
23 2) CALLS UPON current nations whose renewable energy production is substantial to
24 provide useful insight to other nations with economies significant enough to support
25 the construction of renewable energy technologies;
26 3) DESIGNATES a sizable portion of funding for nations with struggling economies to
27 develop renewable energy and promote jobs in the renewable energy industry over
28 jobs relating to nonrenewable energy;
29 4) REQUESTS global energy companies push to sell electricity from renewable sources
30 for a lower overall cost versus nonrenewable sources and focus their sales on nations
31 with lower renewable energy production;
32 5) CONGRATULATES any nation that can successfully install a program to lower their
33 nonrenewable energy consumption to 25% of all energy consumption and
34 correspondingly increase their renewable energy production and consumption.



McKendree Invitational

MODEL UNITED NATIONS



3/26

Submitted To: Committee on Science and Technology

Topic: Alternative Energy Sources

Submitted By: The Republic of Iraq

1 RECOGNIZING the importance of maintaining a supply of crude oil that may be used
2 throughout the next one-hundred years, and
3

4 EXPRESSING DEEP CONCERN at the lack of available oil in the Middle East due to the
5 irresponsible usage of said oil, as well as the underuse of potential renewable sources such as
6 solar power, wind power, and geothermal power, and
7

8 REALIZING that the current global warming threat may be due, in part, to the irresponsible
9 usage of nonrenewable energy sources in countries such as the Republic of Iraq, and
10

11 EMPHASIZING that with continued irresponsible usage of non-renewable sources, the world's
12 main energy source at 81.387% of total energy production in 2008, will diminish in availability
13 and skyrocket in price, leading to a global energy crisis;
14

15 1) SUGGESTS that efforts continue in Iraq and other major oil consuming nations, to
16 lower their percent energy consumption of oil and increase the use of renewable
17 energy sources;
18

19 2) URGES nations, who possess the fiscal capabilities that most renewable energy
20 resources require, to back an appropriate renewable energy program that fits their
21 country's climate;
22

23 3) INVITES member states that do not have available funds look for more cost effective
24 possibilities that may provide a greater opportunity in the future for that country;
25

26 4) WELCOMES these member states without required funds for full scale energy
27 consumption changes, use available funds to import oil from countries in their area
28 who are willing to comply with the less well-off countries needs and have less of a
29 reliance on crude oil than the other country;
30

31 5) ENCOURAGES nations with positive or neutral relationships work together to avoid
32 to avoid a potential world energy crisis that would not be a positive experience for
33 any country, rich or poor.



McKendree Invitational

MODEL UNITED NATIONS



3/27

Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Belarus

1 RECOGNIZING nations' concerns about product prices, such as food, raising due to use of
2 ethanol to power automobiles, and
3

4 TAKING NOTE of space issues and unsightly machinery, such as wind turbines in water and on
5 land causing aesthetic problems within nations and populations, and
6

7 AWARE of the fear raised by the populations of a nation housing a nuclear facility due to
8 possible leaks or contamination of soil, and water, especially in areas that were hit in the
9 Chernobyl incident in 1986, and
10

11 CONCERNED about the environmental issues raised about population from radiation and water
12 and soil contamination, killing of species through said issues, wind turbines and other machinery,
13 and
14

15 MINDEFUL that consumers will be imposed with large costs that could prove troubling due to the
16 competition with food production, and the possible negative net yield during testing especially,
17 and
18

19 EMPHASIZING the negative net yield caused especially by hydrogen energy sources, the
20 requirement of more fossil fuels to energy source is concerning;
21

- 22 1) REAFFIRMS that within Belarus, in 2012 heat energy by wood materials was in
23 equivalent to 3.1 million tons of coal;
24
- 25 2) ENCOURAGES other nations to consider developing their renewable energy
26 resources (RES) and become a part of the International Renewable Energy Agency
27 (IRENA);
28
- 29 3) DRAWS ATTENTION TO IRENA and its expectation to reach a global platform for
30 all types of energy sources, and increase the efficiency of economies;
31
- 32 4) INVITES nations' to tour Belarus's laboratory facilities to help design national
33 laboratories to further extend the studies to work toward an efficient and long lasting
34 solution;
35
- 36 5) SUGGESTS international co-operation in this energy crisis to work toward a "green",
37 economically pleasing, solution that could potentially produce 15-20 times more
38 energy than a man can consume, through renewable resources.



McKendree Invitational

MODEL UNITED NATIONS



3/28

Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Afghanistan

1 CONCERNED that approximately only 11% of the energy used around the world is renewable,
2 and

3
4 APPRECIATING that Denmark is the world leader in renewable energy sources, 45% of
5 their country's energy is renewable, and

6
7 EMPHASIZING that renewable energy emits a lot less carbon dioxide than natural gases and coal,
8 which give 0.6 to 2 carbon dioxide equivalents per kilowatt-hour (CO₂/kWh) and coal emits 1.4
9 to 3.6 CO₂/kWh, and

10
11 EXPRESSING DEEP CONCERN that there is an estimated 1.3 trillion barrels of proven oil in
12 the world's major oil fields, which will last approximately another 40 years;

- 13
14 1. DEMANDS by 2020, 30% of every country's energy is renewable;
15
16 2. CALLS UPON major first world countries to be the leaders in gaining more
17 alternative energy sources;
18
19 3. URGES that the major countries provide alternative energy collecting
20 equipment, such as solar panels or wind turbines, to smaller, less developed
21 countries;
22
23 4. BELIEVES that wind, solar, geothermal, hydro, and biomass energy is the
24 best way to solve the problem of the fact that the world is running out of
25 natural gases.



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Cuba

- 1 REFERRING to alternative energy sources as a source of electrical or mechanical power
2 generated without the use of fossil fuels, such as coal, oil, or natural gas, and
3
4 ALARMED by the amount of fossil fuels our world currently depends on for almost
5 everything, and
6
7 CONCERNED that the world will have a more difficult time tapping into fossil fuel
8 reserves as they dry up, causing an oil shortage, and
9
10 EMPHASIZING the fact that an estimated 7 million people died globally in 2012 due to
11 air pollution, the main cause of which is the burning of fossil fuels, and
12
13 CONFIDENT of the future of renewable energy sources, such as nuclear, solar, wind,
14 geothermal, hydroelectric, and others;
15
16 1) CALLS UPON nations that have not already done so, to create a plan for
17 incorporating more alternative energy sources into their energy production;
18
19 2) PROMOTES more support for research companies that are currently looking into
20 more efficient alternative energy sources, and improving the ones we already
21 have;
22
23 3) DIRECTS the UN to consider funding support for poor nations looking to
24 improve their own alternative energy situation, in order to promote a cleaner
25 world with a much more sustainable future;
26
27 4) URGES nations to implement positive incentives, monetary or otherwise, for its
28 citizens to use more efficient devices and machines;
29
30 5) DEMANDS that all nations give an annual report on their current alternative
31 energy situation, and that the report be used to determine financial support of that
32 nation's energy projects.



McKendree Invitational

MODEL UNITED NATIONS



3/30

Submitted To: Science and Technology

Topic: Alternative Energy Sources

Submitted By: Poland

1 **HAVING STUDIED** that coal provides around 30.1% of global primary energy needs,
2 generates over 40% of the world's electricity and is used in the production of 70% of the world's
3 steel, and

4
5 **NOTING FURTHER** that the top ten coal producers are China, USA, India, Indonesia,
6 Australia, Russia, South Africa, Germany, Poland, and Kazakhstan, and

7
8 **EMPHASIZING** that the total world coal production reached a record level of 7822.8Mt in
9 2013, increasing by 0.4% in comparison to the previous year, and

10
11 **RECALLING** both Nazi occupation and 40 years of communist rule, Polish people are also 8
12 very ambitious, and

13
14 **KEEPING IN MIND** we want to be at the point of Western Europe as fast as possible, and

15
16 1) **CALLS UPON** the government wanting to exclude hydroelectric power
17 plants exceeding 1 megawatt of capacity from the new system, and

18
19 2) **FURTHER PROCLAIMS** that subsidies for biomass co-firing would be cut
20 in half (which is the major source of renewable energy now in Poland), and

21
22 3) **ADOPTS** a goal of sourcing 15.5% of domestic energy supply from
23 renewable energy sources

24
25 4) **DECLARES (ACCORDINGLY)** that we aim to cut the cost of renewable
26 energy suppliers 40% by 2014 by auctioning fixed-price contracts for generators
27 by cutting subsidies, the nation's deputy economy minister said