

Country: Canada

Committee: Economic and Social Council (ECOSOC)

Topic: Promoting Access to Affordable, Reliable, Sustainable, and Modern Energy for All.

Despite significant development in energy supply in many regions over the last few decades, around one-fifth of the world's population i.e. around 1.3 billion people still lack access to it. There are still people who do not have access to electricity. The global energy supply is marked by extensive use of fossil fuels i.e. around 81.3 percent leading to environmental problems.

Canada is one of the largest energy producers in the world and the country with the highest energy supply per capita among International Energy Agency (IEA) members. Canada is the second-largest country by total area, after Russia. In 2014, the country was the fifth-largest crude oil and the fourth-largest natural gas producer; it ranked third as a coking coal exporter and came second as the generator of hydropower (2013) and as a uranium producer. The country has vast oil and gas reserves and makes a strong contribution to global energy security by ensuring diversified, competitive, secure and reliable energy supplies. At home, Canada has a low-carbon electricity generation mix with over 75% of its electricity coming from non-emitting sources (mostly hydropower and nuclear energy).

Despite all of this, they have much to do, so Canada launched a program called Moving Forward Together – Canada's 2030 Agenda National Strategy, in support of the United Nations 2030 Agenda for Sustainable Development. One of the goals of the program is to 'Ensure access to affordable, reliable, sustainable and modern energy for all.' To achieve this goal, the Canadian government has a list of objectives it seeks to achieve by 2030:

- Ensure universal access to affordable, reliable, and modern energy services.
- Increase significantly the share of renewable energy in the global energy mix.
- Enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy-efficient, and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology.
- Expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular, least developed countries.

The delegate would like to state some solutions to achieve this goal at a faster rate:-

- Explore ways to enhance the government's role in strengthening inter-provincial connectivity, expanding the use of interconnectors, and accelerating key projects of grid modernization and electrification.
- Develop a comprehensive energy efficiency strategy in consultation with provinces and territories that sets clear targets for energy efficiency in each sector.
- Increase funding in support of accelerating Research and Development and innovation of clean energy technologies to achieve 2030 targets, to also advance future export opportunities.
- Develop national emissions reduction strategies in consultation with the provinces, territories, and other stakeholders for key sectors such as transport, buildings, and industry to meet targets of 2030.