

## SDG7: AFFORDABLE AND CLEAN ENERGY

The number of individuals having access to electricity increased by 1.7 billion between 1990 and 2010. That is commendable growth. Even still, as the world's population grows, more people will require inexpensive energy to light their houses and streets, use their phones and computers, and conduct their daily activities.

The source of such energy is a concern; fossil fuels and greenhouse gas emissions are causing significant climate change, causing major difficulties on every continent. Rather, we can improve our energy efficiency and invest in renewable energy sources like solar and wind. We'll be able to meet our electrical needs while also protecting the environment. **The World Islamic Sciences and Education**



**University** aspires to be a leader in the field of renewable energy, as evidenced by the fact that the university currently employs a solar system to produce its needs of electricity. Even if all of the energy utilised at the institution comes from renewable sources, the university is interested in minimising its energy use. The university's energy usage for the year 2020 is 100000-120000 GJ, and the university's area is 165000 m<sup>2</sup>.

Finally, **The World Islamic Sciences and Education University** contribute to development of the (SDG7) 'AFFORDABLE AND CLEAN ENERGY' by publishing three publications under this (SDG7). Adilet al, (2020). Publishing the paper entitled "An Efficient Load Balancing Scheme of Energy Gauge Nodes to Maximize the Lifespan of Constraint Oriented Networks". Additionally, Khanet al, (2020). Publishing the paper entitled "Improving energy efficiency with content-based adaptive and dynamic scheduling in wireless sensor networks". Also, Rahahleh, et al, (2020). Publishing the paper entitled "The moderating effect of psychological factors on consumer of electric and hybrid vehicles' response purchase decisions".



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