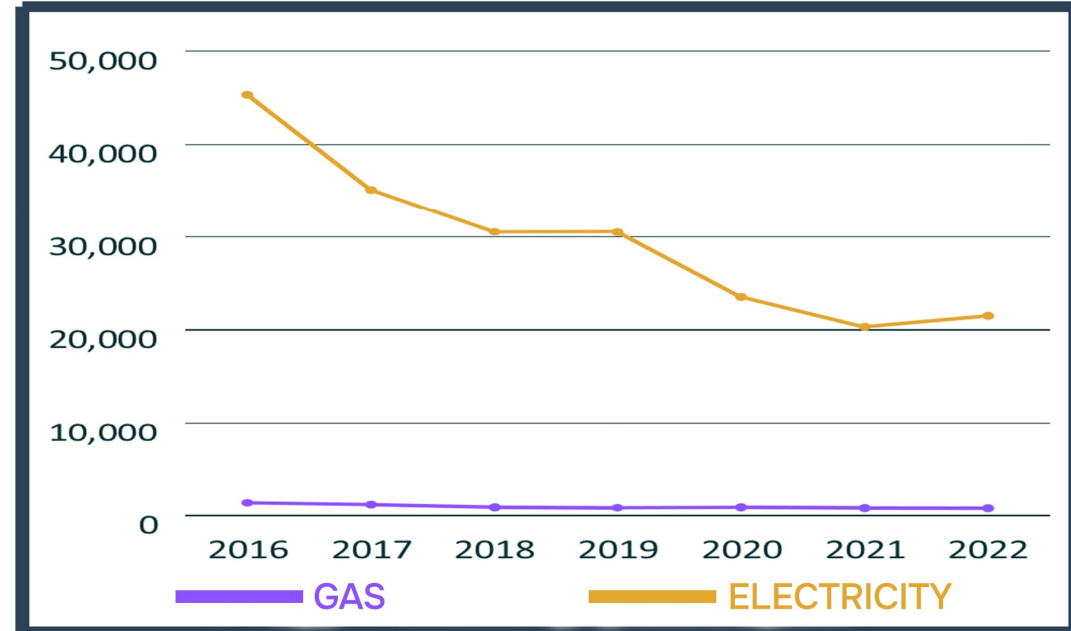




## Renewable energy sources

Ventilation Unit of the building, which operates on biodiesel. The ventilation system of the university is considered one of the most powerful and it is extended all over the building. Since it operates vastly, the heat waste generates 3000 kW of power, which is used to heat the shower water in the dormitories.



Solar panels are installed the rooftop of the main building and both of dormitories. The rated power generated by the solar cells makes up **9900 kW**, which is used for lighting and heating purposes all around the campus buildings; solar lights installed in the inner and outer yards are fully powered and function by the sunlight.

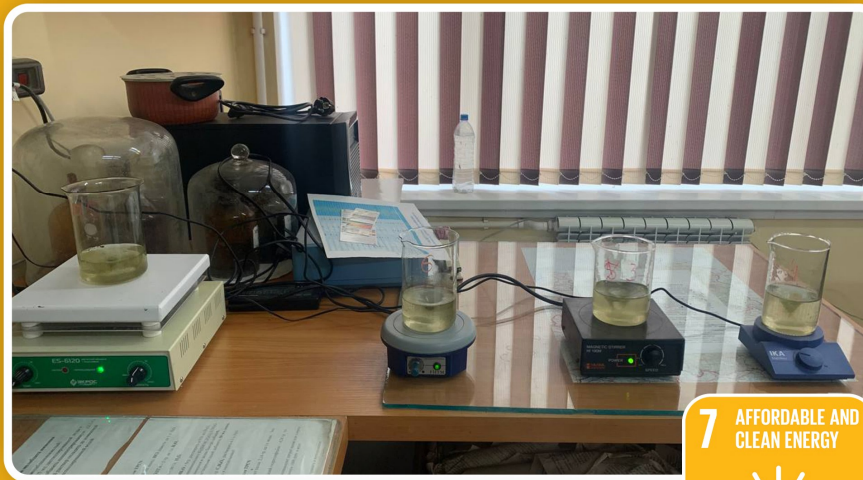
The total amount of electricity used on both campuses of **TSUULL in 2022 is 21,482 kWh**. The amount appears to be slightly more than the previous year of 2021 since the university acquired another campus off City - **in Akkurgan, Tashkent Region**. Yet, the university is committed to keeping the total electricity usage low with its huge efforts in calling the university population to save and replace natural resources with renewable energy. In the same way, the total amount of gas usage stably decreasing (7, 87 m<sup>3</sup> in 2022) yearly because solar cells have been taking over.

# ANNUAL GREEN SPACE PROGRAM (LOCAL)

The Green Space Movement began its activity on Main Campus of the university in 2020 and has expanded to all university belonging premises. To date, the Project has planted over 2,000 trees and keeps doing so until it reaches 30,000. The Project was inspired by the rector, **Prof. Dr. Sh.S.Sirojiddinov** and all university staff including himself voluntarily contributes to the goal of the project every season of year.

# LECTURE SERIES ON WASTE MANAGEMENT (REGIONAL AND NATIONAL)

The Green Space Movement began its activity on Main Campus of the university in 2020 and has expanded to all university belonging premises. To date, the Project has planted over 2,000 trees and keeps doing so until it reaches 30,000. The Project was inspired by the rector, **Prof. Dr. Sh.S.Sirojiddinov** and all university staff including himself voluntarily contributes to the goal of the project every season of year.



7 AFFORDABLE AND CLEAN ENERGY



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# GREENHOUSE GAS EMISSION REDUCTION PROGRAM

TSUULL car parking has set the charging policy for private vehicles entering the premises. The policy is intended to reduce the private vehicle use which contributes to the greenhouse gas emission reduction policy.

Our Youth Community encourages students and staff to share rides/carpool at every possible situation to reduce carbon dioxide emission.

TSUULL announces monthly car-free days; on these days, commuters are encouraged to travel by means public transports. Many people find walking, cycling to university pleasant and healthy.

TSUULL is considered to be one of the leading universities in the region, which promotes and helps to fight climate change. As a result, with the initiative of the university rector, Campus Carbon Neutrality Plan has been developed and aimed for realization by 2030.