



TIAME
NATIONAL RESEARCH UNIVERSITY

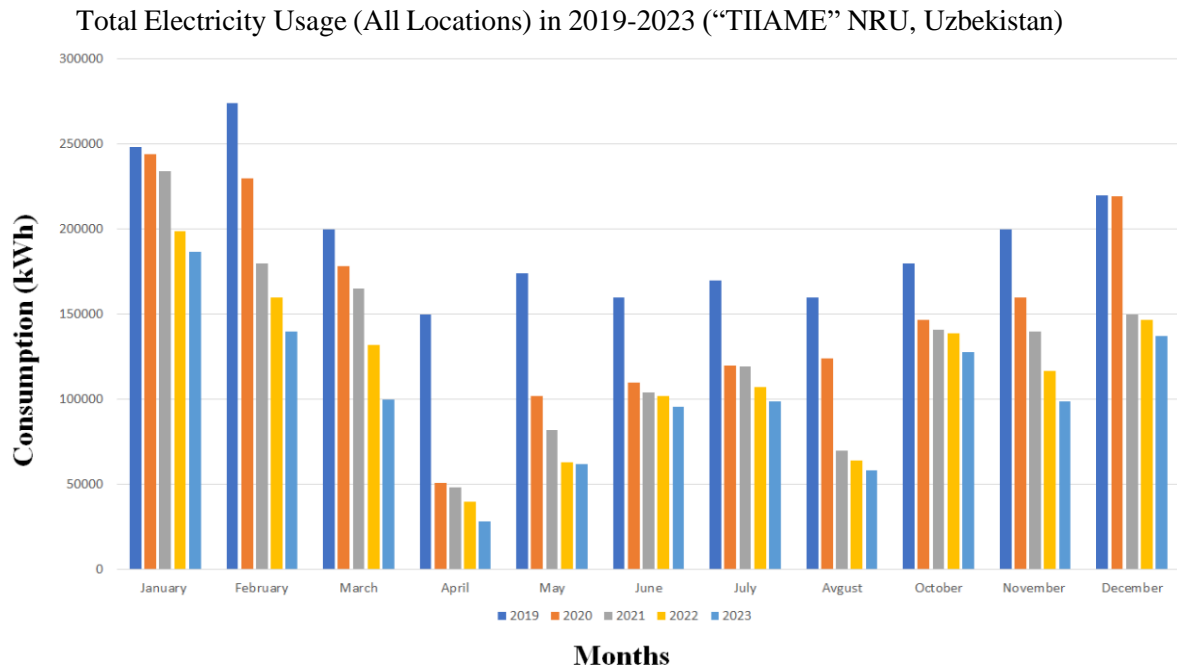
Clean Energy

Report 2023



The buildings of "TIAME" NRU comply with the energy efficiency standard for buildings established in the country. This, in turn, is confirmed by certificate No. DGU 04338. "TIAME" NRU has introduced elements of "green building", such as a solar heat transmitter with a heat storage tank to provide heat, a solar thermal collector as a heat source, as well as solar panels for power supply.

The total electricity usage of "TIAME" NRU in 2023 is 1. 289.214 kWh. On the "TIAME" NRU electricity is used for lighting, cooling, heating, and laboratory appliances.



On roofs of the administration building, library, laboratory building, teaching buildings, IT park and gym of the university solar PV power station of a total 410 000 kW is installed.



In the department of "Electricity supply and renewable energy sources" has a "Young Energetics" club, currently 4 master's students and 12 bachelor's students are members of the club. Participants of the circle will have knowledge, learn and skills on topics such as electrical safety rules, use and repair of electrical devices and equipment used in the power supply system, electrical installation technology, selection and installation of lighting devices at stations and substations, connecting and calculating electric meters to the network, collecting group sheets.

