University : UzSWLU
Country : Uzbekistan
Web Address : https://www.uzswlu.uz/en

**[2] Energy and Climate Change (EC)**

SAMPLE

**[2.15] Planning, implementation, monitoring and/or evaluation of all programs related to Energy and Climate Change through the utilization of Information and Communication Technology (ICT)**

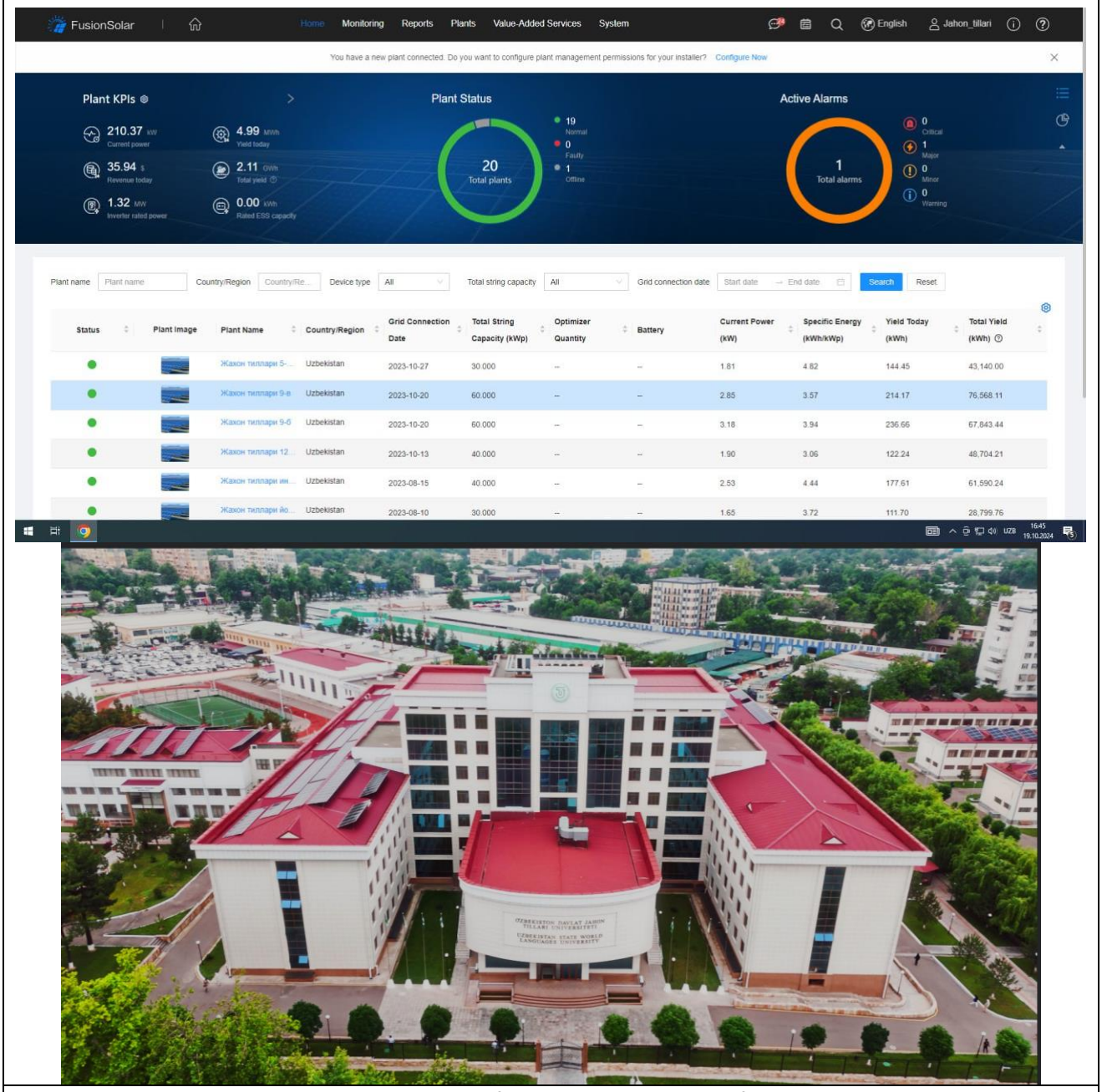
| Stage | Activities/Programs | ICT Utilization | Evidence | Timeline | Responsible Team/Department |
|---|---|---|---|---|---|
| **Planning** | Conduct feasibility studies for renewable energy installations. | GIS mapping, renewable energy simulation software | Feasibility studies, site assessment reports | Jan 2024 - Apr 2024 | Energy Management ICT Dept |
| **Implementation** | Install solar panels and small wind turbines on campus. | Project management tools, installation scheduling software | Installation logs, energy generation data | May 2024 - Dec 2024 | Facility Management Energy Dept |
| **Monitoring** | Track the energy production from installed systems. | Renewable energy monitoring systems | Energy production reports, performance analytics | Ongoing | Energy Management ICT Dept |
| **Evaluation** | Assess the efficiency of the systems and suggest improvements. | Data analysis software for performance review | Annual energy audit reports, suggestions for optimization | Ongoing, reviewed annually | Energy Management ICT Dept |

## Description:

UzSWLU is committed to improving energy efficiency and addressing climate change through strategic planning and ICT integration. The university focuses on using technology to optimize renewable energy installations, including solar and wind power. Planning activities involve using GIS mapping and renewable energy simulation software to identify suitable sites for installations. During implementation, the university employs project management tools to streamline the installation process. Continuous monitoring and performance evaluations are carried out using specialized software to ensure optimal energy production and identify areas for improvement.

**Number of Renewable Energy Sources on Campus**:

- Solar panels: Planned installations across main academic buildings.
- Small wind turbines: Considered for installation in open areas to supplement solar power.






Renewable energy simulation software and installation of renewable energy

**Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):**