

**Member of the Board - Acting Vice-Rector
for Financial Services and Infrastructure
Development of Al-Farabi University**


Tasybaev A.B.

‘ _____ ’ 2024r

Plan 2024 -2025

To reduce the overall energy consumption, it is planned to relocate academic buildings, dormitories and street lighting to the campus.

2024 were transferred UKA-5, Medfak from incandescent bulbs and mercury containing sneeze to LED lighting.

Dormitories #; 9, 7, 8, 6, 15 from incandescent bulbs and mercury containing fixtures to LED fixtures.

Street lighting conversion from arc mercury lamps to LED floodlights.

In the plan of 2025 it is planned to transfer the buildings of Chemfak, Physfak, Biofak, Mehmat to LED fixtures.

9-storey dormitories №: 16, 17, 18 from incandescent bulbs and mercury-containing sneeze to LED fixtures.

Director of the department

Production Support Department Director



K. Kydyrbekov

Head of Department

Head of Energy Supply Department



J. Konkanov

**Director of the Department
production support
Al-Farabi Kazakh National
University
Kydyrbekov K.A.**

«___» _____ 2024 г.

Report

With scheduled inspections, it was revealed that there was a high loss of electricity in street lighting from Timiryazev to al-Farabi Avenue, around the Library, floodlights with a capacity of 400 W in the amount of 200 pieces with a power consumption of 80,000 W/h were replaced with LED floodlights with a power consumption of 100 W in the amount of 200 pieces. Consumption decreased by 20,000 W/h.

The lower bush of UCA 5 was replaced with 600 pieces of old 80 W mercury containing four lamp lamps for a new LED lamp with a consumption of 600 pieces with a power of 48 W. With electricity consumption of 19,200 kWh.

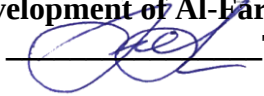
In order to save energy 4, 5, 6, 7, 9, 10, 15 dormitory changed 80 watt old lamps to a new bright 36 watt LED lamps

Head of Department

Power supply



Konkanov Zh.E.

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Calculation

	Arg. No. 5462		Arg. No. 2354		Arg. No. 75651		Arg. No. 41889		Arg. No. 7709		
	kWh	sum	kWh	sum	kWh	sum	kWh	sum	kWh	sum	
November 23	792894	23764223	127000	3673791	8021	240219	7309	218895	738	22102	
December 23	758756	22723826	118520	3438438	7136	219105	9791	293228	1005	31446	
January	713736	21375536	101980	2951157	6549	196134	10595	317307	500	14974	
February	1147912	25629284	125320	3639488	10066	301464	7678	229946	517	15483	
March	470982	15682570	110180	3540266	6466	215302	8640	287691	1013	33730	
April	650706	21666948	138752	4494576	7257	241640	7352	244803	770	25639	
May	785204	25828814	93350	3009558	5912	194471	5546	182432	740	24341	
June	524260	17245218	89708	2857635	2833	93189	7617	432988	711	23387	
July	317124	10431603	63098	2009336	5561	182925	6196	202925	859	28256	
August	670042	22040629	59532	1909936	7178	236116	5886	193616	422	13881	
September	606602	19953808	75603	2412543	6772	222760	4963	163254	800	26315	
October			114277	3770585	8227	277164	6006	202339	612	20618	
Total:	7438218	226342459	1217320	37707309	81978	2620489	87579	2969424	8687	280172	

Director of the Production Support Department Kydyrbekov K.A.

Head of the Energy Supply Department Konkanov Zh.E.