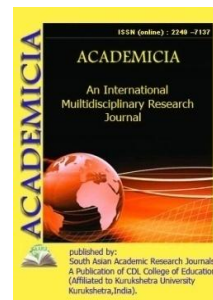




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### COMBINED THERMOPHOTO ELECTRIC INSTALLATION FOR INCREASING THE EFFICIENCY OF A SOLAR POWER INSTALLATION

**Muzaffar Xabibullaevich Murodov\***; **Jahongir Khamidjonogli Mamadaliyev\*\***;  
**Bahodirhon Nasibxonogli Umarov\*\*\***

\*Associate Professor,  
Candidate of Technical Sciences (PhD),  
Department of Power Engineering,  
Namangan Engineering-Construction Institute,  
UZBEKISTAN

\*\*Graduate student,  
Namangan Engineering-Construction Institute,  
UZBEKISTAN

\*\*\*Student,  
Namangan Engineering-Construction Institute,  
UZBEKISTAN

#### ABSTRACT

*The article developed and investigated a thermo-photoelectric device for the combined production of heat and electricity from a single receiving surface. The proposed energy device consists of a solar heat collector absorber, on top of which polycrystalline solar cells are placed. This unit is a combined helio profile that can be installed on the roofs of buildings and structures. constructions. The design is intended to improve the energy performance of solar energy converters.*

**KEYWORDS:** Absorber, Photoelectric Converters, Thermo-Photoelectric Installation, Silicon Solar Cells, Helioprofiles, Thermo-Photoelectric Conversion Of Solar Energy.