

Low-Carbon Energy Tracking

The University of Poonch Rawalakot (UPR) actively monitors energy use and efficiency across campus. Along with tracking low-carbon energy sources, UPR promotes energy conservation and behavior-change initiatives to reduce overall consumption. These efforts include encouraging students and staff to adopt energy-saving habits such as switching off lights and electronic devices when not in use and implementing energy-efficient technologies and practices in campus buildings and transportation systems.

Hydroelectric Power: UPR's Key Energy Source

The University of Poonch utilizes hydroelectricity (100 %) as its primary energy source, lowering carbon emissions. Hydropower is recognized for its minimal carbon footprint, emitting about 24 grams of carbon dioxide (CO₂) per kilowatt-hour (kWh) produced during its life cycle.

Completed Hydropower Projects in Azad Jammu and Kashmir

The completed projects of Azad Jammu and Kashmir that generate hydropower electricity are given at the link:

<https://www.ajkpdo.gok.pk/home/completed-projects/>

[date 21-11-2025](#)



AJK POWER DEVELOPMENT ORGANIZATION

[Home](#) [About](#) [Projects](#) [Merit List](#) [Organogram](#) [Media](#) [Downloads](#) [Contact](#)

S. No.	Power Station	Capacity (MW)	Cost (Million US\$)	Sponsors	Status
1	Khari Mirpur	3.5	7	Kohsar Hydro (Pvt) Ltd	In operation since 2003
2	New Bong Escape Mirpur	84	149	Laraib Energy (Pvt) Ltd	In operation since 2013
3	Patrind Muzaffarabad	147	362	Star Hydro (Pvt) Ltd	In operation since 2017
4	Gulpur Kotli	100.98	323.82	Mira Power (Pvt) Ltd	In operation since 2020
5	Karot HPP	720	1600	China Three Gorges	In operation since June 2022
Total		1055.48			

Screenshot of Completed Hydropower Projects in Azad Jammu and Kashmir Generating Electricity Sustainably

Electric Power Consumption and Hydroelectricity Dominance: University of Poonch Rawalakot's 2024 Overview

The University of Poonch Rawalakot consumed **882 Giga Joules** Giga Joules of electricity from January to December 2024 (copy attached). Energy consumption for each building on campus has been accurately calculated and presented in a detailed table. The primary source of

this energy was hydroelectric power, reflecting the region's reliance on the hydroelectric projects completed in Azad Jammu and Kashmir.



UNIVERSITY OF POONCH RAWALAKOT

The Directorate of Works

Phone No 0092-5824-960094. Fax 960054. Email: director_works@upr.edu.pk

POWER CONSUMPTION DURING JAN-DEC 2024 IN UPR

Electric power consumed in different premises of University of Poonch Rawalakot during the time period January to December 2024	245,108 kwh 882 Giga Joules
---	---------------------------------------


Deputy Director Works

UPR