

## Low carbon energy use

The Women University of Azad Jammu and Kashmir (WUAJ&K) minimizes energy consumption through energy-saving behavior. The maximum energy used at WUAJ&K is from the **hydropower projects** by which electricity is provided by Government in AJ&K (**Annex. I**). In addition, during the electricity breakdown, **solar panels and UPS** are installed on all campuses. The university is located in a forest area with a natural environment, which lowers energy consumption due to the moderate climate and minimal use of artificial cooling. (**Annex. II and III**)

<b>Total energy used</b>	<b>500 GJ/ Year</b>
<b>Total energy used from low carbon source</b>	<p><b>450 GJ/ Year</b></p> <p>The Generators are rarely operated when the weather is unsuitable for the proper functioning of solar panels.</p> <p><b>90% from low carbon source</b></p>

## Annex. I

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



# AJK POWER DEVELOPMENT ORGANIZATION

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### Completed Projects

#### COMMISSIONED / OPERATIONAL PROJECTS

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Sr. #	Power Stations	Cap. (MW)	Investment Cost (M. Rs.)	Year of Completion	Status
1	Kundal Shahi	2.00	100.00	1997	Isolation mode
2	Kathai	3.20	150.00	1998	—
3	Leepa	1.60	102.00	1999	—
4	Jagran-1	30.40	3800.00	2000	Grid Mode
5	Changan	0.05	1.00	2008	Isolation mode
6	Sharian	3.20	400.00	2011	—
7	Halmat	0.32	32.00	2013	—
8	Ranger-I	0.60	69.00	2013	—
9	Qadirabad	3.00	400.00	2014	—
10	Rehra	3.20	400.00	2015	—
11	Sharda	3.00	400.00	2015	—

Annex. II



Annex. III

