

**KREDA Achievement in UT (2019-20 to 2021-22)**

<b>S.No.</b>	<b>Achievements</b>	<b>Completion Period</b>	<b>Project Detail</b>
1	Lattoo Solar Lift Irrigation System	2020-21	The pumping system, installed by Kargil Renewable Energy Development Agency (KREDA) is completely solar based submersible pump of 41Hp power. The system has a head range of 130-160 meter and will help in lifting 54 cum of water per hour. A solar plant of capacity 50kWp has been installed to run the pumping system with all its energy for the whole day time. The pump is kept in a jack well, of size 3.35m x 2.10m x 3.65m, at the river bank and water is lifted through the delivery pipe of dia 140mm. The length of the pipe is about 360 meter. The project has helped the people of Lattoo in irrigating more than 7Acres of land.
2	Successful Completion of Retrofitting Project of Police Buildings	2022-23	The agency was given the responsibility of introducing a solution for retaining heat within the police buildings/posts at Minamarg, located in the 2nd Coldest Inhabited Place on the Planet, Drass. KREDA introduced Retrofitting as insulation in walls, roof and floor to keep the posts warm enough which could provide a comfortable environment to the Jawans. KREDA has introduced Trombe Wall and Puff (spray) insulation to the buildings including floor heating to achieve the given goal. The project has been successfully completed within the time frame. KREDA has also completed the retrofitting of police buildings including mess at the District Police Line Kargil.
3	Commissioning of a Mini Hydro Project at Matayen (0.55MW) & Synchronizing it with the grid	2021-22	The Mini Hydro project of Matayen was sanctioned under Ladakh Renewable Energy Initiative Programme of the MNRE, GOI. The project has been successfully completed and commissioned.

4	Award for Capacity Addition in Renewable Energy	2022	The UT of Ladakh was selected for the 8th Foundation Day Award for achieving second highest small hydro power installed capacity as on 31.03.2022 and also for achieving highest renewable energy capacity addition during 2021-22
5	<b>Other Achievements</b>		
Solar Photovoltaic Plants in Various Educational Institutions		2021-22	14 no. of Schools (93kWp capacity in cumulative) Covered under Dedicated Power Supply Programme.
		2021-22	100kWp Solar Power Plant commissioned in both the Campuses of Ladakh University.
		2021-22	25kWp Solar Plant installed at Degree College Zanskar.
		2021-22	25kWp Solar Plant installed at Polytechnic College Kargil.
		2021-22	50kWp Solar Plant installed at Degree College Kargil.
Achievements under Subsidy Component of the LAHDC		2021-22	Nearly about 1785 households have been covered under Solar Water Heater, issued under the Subsidy Component of the LAHDC Kargil. In total, 200LPD and 100 LPD, 577 and 1208 nos respectively were issued through the concern councilors of the constituencies.
		2021-22	KREDA has installed nearly about 188 nos. of solar street light in different constituencies of Kargil under the Subsidy Scheme of the LAHDC Kargil thus benefitting nos. of villages.
		2021-22	The agency has installed 10 nos. Solar Highmasts in different villages in Kargil.