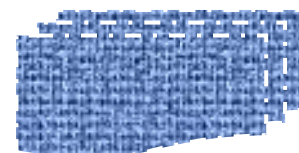


SOLAR PHOTOVOLTAIC VILLAGES In Kargil

S.No.	Name of the Village	Source of Power if any
1	PacharikKukshow (25 KWP)	Un-electrified
2	Itcher (Zanskar) (25KWP)	Un-electrified
3	Shun (ChumikGyartsa) (25 KWP) Zanskar	Un-electrified
4	RangdumJuldo(37.5KWP)	Un-electrified
5	TashiStongdayRangdum (37.5KWP)	Un-electrified
6	Karakul Sheep Breeding Farm Khumbathang(37.5KWP)	To Replace DG power supply.
7	Sapi Rgyal/Baltikhar Kargil 37.5 (KWP)	Un-electrified
8	MuneyZanskar(37.5KWP)	Un-electrified
9	Matayeen(37.5X2KWP)	
10	UmbaSankoo (42.5 KWP)	Un-electrified
11	PishuZanskar(42.5 KWP)	Un-electrified
12	ShilangskitZanskar(42.5 KWP)	Un-electrified
13	Cooperative Marketing Society Kharul (42.5KWP)	To replace the existing DG set
14	RairuZanskar (57.5 KWP)	Un-electrified
15	KumikZanskar (57.5 KWP)	Un-electrified
16	Sando-Lhamsu/Kargil (65KWP)	To Replace existing DG Sets
17	ParkachikGongma (65KWP) (Taisuru)	To replace the existing DG set
18	SapiChhangyul Kargil (65KWP)	Un-electrified
19	BakarcheyZanskar (65KWP)	Un-electrified
20	AkshowZanskar(65KWP)	Un-electrified
21	ParkachikYoqma (65KWP)	To replace the existing DG set
22	Tangol(65x2KWP)	Un-electrified
23	HQ Mt. Div. Khumbuthang (57.5 KWP)	DG Set (24 Hour)
24	HQ 121 INF BDE GP KGL (100 KWP)	DG Set (24 Hour)
25	Pipcha (42.5kWp) under CSR Scheme of Engineers India Ltd	Un-electrified.
26	Pitmo (42.5 kWp) under CSR Scheme of Engineers Indial Ltd	Un-electrified.

Life in Kargil is completely dependent on energy sources like fuel wood to survive the winters. Due to desert landscape and negligible forest cover, the locals are wholly dependent on Kashmir valley and across for fuel wood to sustain life during the freezing winters. There are no alternative energy sources to address the crises situation. The issue of energy is of paramount importance for this region. With energy being crucial to human survival, long-term plans need to be developed to tide over the crisis-like situation that crop up year after year. The SPV Power Plants at least gives some relief to the locals.



LIST OF INSTITUTIONS (2.5 KWp)

S.No.	Name of the Institutions	SPV Power Plant Capacity
1	Jamia Masjid Hanfia, Kargil	2.5kWp
2	DFO Office (Kargil)	2.5kWp
3	KREDA Office Kargil	2.5kWp
4	National Public School, Kargil	2.5kWp
5	Pioneer School Kargil, Bazaar	2.5kWp
6	Suru Vally Public School Kargil	2.5kWp
7	Jama Masjid Kargil	2.5kWp
8	Gosia Masjid (Drass)	2.5kWp
9	Hanfiya Masjid (Drass)	2.5kWp
10	Shia Masjid Drass	2.5kWp
11	Nur Bakhshi Masjid Drass	2.5kWp
12	Wakha Public School Wadoo Shargol	2.5kWp
13	Upright Public School Pashkum Shargol	2.5kWp
14	Lower High School(Lotsum) Shargol	2.5kWp
15	Larsa Masjid (Pashkum) Shargol	2.5kWp
16	Higher Sec.School (Shargool)	2.5kWp
17	Maktab Pargue Chiktan	2.5kWp
18	Higher Sec.School Chiktan	2.5kWp
19	Community Hall/Maktab Samrah	2.5kWp
20	Yoglung Public School Hagnis	2.5kWp
21	Mutaharry Public School Saliskot TSG	2.5kWp
22	Jamia Masjid Saliskot TSG	2.5kWp
23	Imam Barah Saliskot TSG	2.5kWp
24	Nun Public School Lankarchay Sankoo	2.5kWp
25	Nun Public High School Sankoo	2.5kWp
26	Hr. Sec. School Barsoo Sankoo	2.5kWp
24	Allopathic Dispensary Taikat Sankoo	2.5kWp
28	Al-Zahra Public School Styangkung Sankoo	2.5kWp
29	Higher Sec. School Panikhar Tai-Suru	2.5kWp
30	Sankoo Public School, Sankoo	2.5kWp

LIST OF INSTITUTIONS (5 KWp)

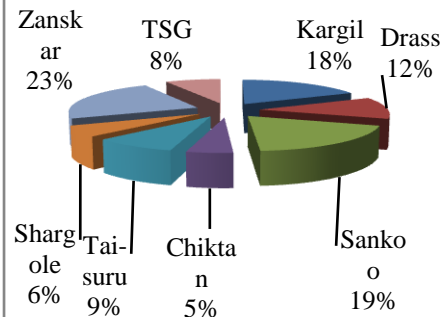
S.No.	Name of the Institutions	SPV Power Plant Capacity
1	Poultry Farm Kurbathang	5 kWp
2	Islamia Public School Apatee	5 kWp
3	Govt Boys Hr.sec.school Kargil	5 kWp
4	Bal-Asharam Kargil	5 kWp
5	Islamia school Kargil	5 kWp
6	AD Akchamal Kargil	5 kWp
7	Govt Hr. Sec. School Yurbaltak Kargil	5 kWp
8	Govt Hr.sec.Sankoo	5 kWp
9	Suru Valley Division Sankoo	5 kWp
10	Govt Hr.sec.school Padum Zanskar	5 kWp
11	Lomdon Model school Pipiting Zanskar	5 kWp
12	Photang Padum Zanskar	5 kWp
13	Karsha Monestry Zanskar	5 kWp
14	Jamia Masjid Padum Zanaskar	5 kWp
15	Allopathic Dispensary Shargol	5 kWp
16	AD Trespone TSG	5 kWp
17	Pashmina Goat Farm Khangral Chiktan	5 kWp
18	Chomolung (Nunnery) Bodkharboo Chiktan	5 kWp

LIST OF INSTITUTIONS (10 KWp)

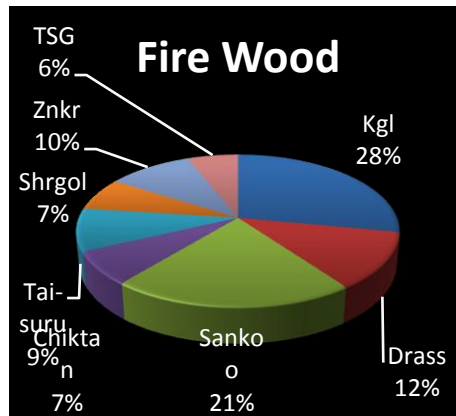
S.No.	Name of the Institutions	SPV Power Plant Capacity
1	CIC Chiktan	10 kWp
2	JAME Kargil	10 kWp
3	Muthary Senior School, Kargil	10 kWp
4	DIET, Kargil	10 kWp
5	District Police Line, Kargil	10 kWp
6	Degree College, Kargil	10 kWp
7	Polytechnic College, Kargil	10 kWp
8	Spring Dale School, Mulbek (i)	10 kWp
9	Spring Dale School, Mulbek (ii)	10 kWp
10	JNV Saliskote	10 kWp
11	CIC Padum	10 kWp
12	SDH Sankoo	10 kWp
13	SDH Drass	10 kWp
14	SDH Padum	10 kWp
15	Noon Public School, Panikhar	10 kWp
16	CIC/Tehsil Office, Sankoo	10 kWp

ENERGY CONSUMPTION CHART

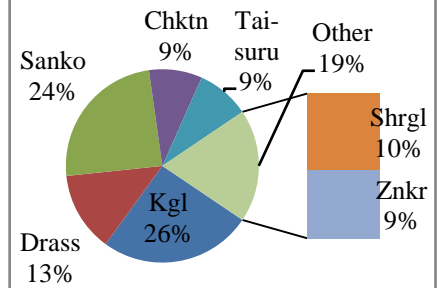
Dung Cake



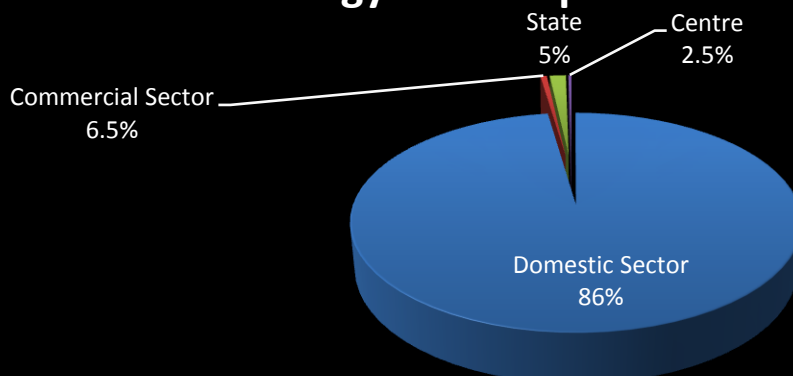
Fire Wood



K-Oil



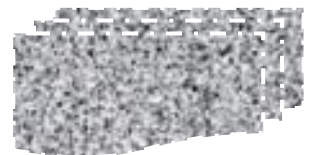
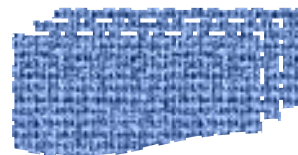
Energy Consumption Sectorwise



1kW power consumes apprx. 0.17 lit diesel/hr (Data source from PDD, Kargil).

In this way the photovoltaic power plants installed by KREDA helps in saving thousands of litres of diesel thus saving a lot of money.

S.No	Name of the SPV Power plant	Capacity In KWp	Diesel Saving/hr In lit.	Diesel Saving/18 hr	Diesel Saving/month	Diesel Saving/year	Amount Annually @ Rs.50/ lit (in Rupees)
1	Pacharik Kukshow	25	4.25	76.5	2295	27540	13,77,000/=
2	Itcher	25	4.25	76.5	2295	27540	13,77,000/=
3	Shun	25	4.25	76.5	2295	27540	13,77,000/=
4	RangdumJuldo	37.5	6.375	114.75	3442.5	41310	20,65,500/=
5	TashiStongday	37.5	6.375	114.75	3442.5	41310	20,65,500/=
6	KSBF	37.5	6.375	114.75	3442.5	41310	20,65,500/=
7	Sapi Rgyal	37.5	6.375	114.75	3442.5	41310	20,65,500/=
8	MuneyZanskar	37.5	6.375	114.75	3442.5	41310	2065500/=
9	Matayeen	37.5x2	12.75	229.5	6885	82680	41,31,000/=
10	UmbaSankoo	42.5	7.225	130.05	3901.5	46818	23,40,900/=
11	PishuZanskar	42.5	7.225	130.05	3901.5	46818	23,40,900/=
12	ShilangskitZanskar	42.5	7.225	130.05	3901.5	46818	23,40,900/=
13	CMS Kharul	42.5	7.225	130.05	3901.5	46818	23,40,900/=
14	Rairu	57.5	9.775	175.95	5278.5	63342	31,67,100/=
15	Kumik	57.5	9.775	175.95	5278.5	63342	31,67,100/=
16	Sando-Lhamsu	65	11.05	198.9	5967	71604	35,80,200/=
17	ParkachikGongma	65	11.05	198.9	5967	71604	35,80,200/=
18	Sapi Chhangyul	65	11.05	198.9	5967	71604	35,80,200/=
19	BakarcheyZanskar	65	11.05	198.9	5967	71604	35,80,200/=
20	AkshowZanskar	65	11.05	198.9	5967	71604	35,80,200/=
21	ParkachikYoqma	65	11.05	198.9	5967	71604	35,80,200/=
22	Tangol	65x2	22.1	397.8	11934	143208	71,60,400/=
23	Army A	57.5	9.775	175.95	5278.5	63342	31,67,100/=
24	Army B	100	17	306	9180	110160	55,08,000/=
25	Pipcha Zanskar under CSR of EIL India	42.5	7.225	130.05	3901.5	46818	23,40,900/=
26	Pitmo Zanskar under CSR of EIL India	42.5	7.225	130.05	3901.5	46818	23,40,900/=



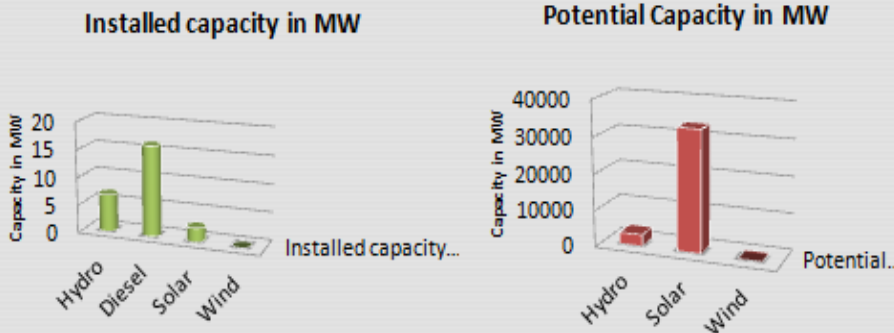
- KREDA has made up its vision to serve as an agency to foster orderly development of renewable energy in Kargil.
- KREDA has been trying its best with the help of its four main units i.e. Hydro, Solar, Wind and Thermal, to achieve a remarkable growth in the contribution of renewable energy in the District.
- Each unit in KREDA has its own agenda, policies and programmes and each works on a specific aspect.

To a great extent KREDA has been successful in achieving its target. Recently the agency got the excellence award for its commendable performance in Renewable Energy sector.



ELECTRICITY IN Kargil

Potential capacity in Kargil: Estimated by KREDA



	Hydro	Diesel	Solar	Wind
Installed capacity in MW	6.75	16.28	2.5	0
Potential Capacity in MW	3181	33300	0	0

Development of Solar Energy in Kargil



KREDA, the only renewable energy agency of the district, fostering the development of sustainable and resilient energy systems.

