

7.1.2 The Institutions has facilities for alternate sources of energy and energy conservation

1. Solar Energy

For the year 2021-22

Sl.No	Month& Year	Annual Solar Power Consumption units	Annual SPDCL Consumption units	Annual Total power consumption units
01.	April -2021	17,594	40,820	58,414
02.	May - 2021	25,258	38,356	63,614
03.	June - 2021	-	40,814	40,814
04.	July - 2021	7,800	43,382	51,182
05.	August - 2021	10,308	41,520	51,828
06.	September-2021	8,487	35,300	43,787
07.	October - 2021	9,651	41,712	51,363
08.	November - 2021	7,893	28,592	36,485
09.	December - 2021	11,994	26,640	38,634
10.	January - 2022	2,326	36,176	38,502
11.	February - 2022	2,928	33,586	36,514
12.	March - 2022	2,614	50,084	52,698
Total		1,06,853		5,63,835
Formula	Annual Power requirement met by renewable energy sources x 100 Annual power requirement		$\frac{106853 \times 100}{563835}$	18.95 % Say 19%

3. Wheeling to the GRID

The National Sanskrit University has Net metering in which the Solar Power generated through

the roof top Solar panel is being exported to the GRID after consumption of the University.