



**GOVERNMENT OF WEST BENGAL**  
*Office of the Principal*  
**Government General Degree College, Kaliganj**  
**Debagram, Nadia - 741137**  
**Ph: 03473-267514**  
**Website: [www.kaliganjgovtcollege.ac.in](http://www.kaliganjgovtcollege.ac.in)**

---

**ENERGY AUDIT REPORT**  
**Academic Session 2020-2021**

*M. K. Das*  
Officer-in-charge  
Government General Degree  
College, Kaliganj  
Debagram, Nadia



**GOVERNMENT OF WEST BENGAL**  
**Office of the Principal**  
**Government General Degree College, Kaliganj**  
**Debagram, Nadia - 741137**  
**Ph: 03473-267514**  
**Website: [www.kaliganjgovtcollege.ac.in](http://www.kaliganjgovtcollege.ac.in)**

ENERGY REPORT ELECTRICAL												
REPORT												
1	Subject	Energy Audit Report at Govt. General Degree College at Kaliganj Nadia. [20-21]										
2	Location of the Building / Premises	Debagram ,Nadia										
3	Occupying Authority	Officer- in- charge , Govt. General Degree College at Kaliganj										
BUILDING PROFILE												
	Name of the Building	Total Covered area of all Floors ( Sq.Mtr )	Carpet Area of all Floors (Sq.Mtr )	Number Of Light Point	Number Of Fan Point	Number of 6A Plug Point	Number of 16A Plug Point	Number of 16A Computer Point	Number of TPN Plug	Total Connected Load ( KW )	Emergency Load ( KW )	Max Demand (KW)
a.	Govt. General Degree College at Kaliganj			534	211	106	25	39				
	Total Point			534	211	106	25	39				
				21.4	14.8	2.7	12.5	9.75		61.1		61.08
COMPOUND / STREET-LIGHTING												
	Length of The Road ( Mtr )	Width of The Road ( Mtr )	Area of the Road ( Sq.Mtr )	LED / HPSV	Wattage / Luminaries	No of Luminaries			Max Demand (KW)			
				12	70				0.84			
				6	150				0.9			
				8	250				2			
				2	500				1			
	Total Demand									4.74		
AIR -CONDITIONING												
	Name of the Building	Total Carpet Area to Be Air-Conditioned ( Sq.Mtr )	System	Total Capacity(Ton)	System	Total Capacity(Ton)	System	Total Capacity(Ton)	System	Total Capacity(Ton)	Total Connected Load ( KW )	Max Demand(KW)
a.	Govt. General Degree College at Kaliganj		Split	56							70	70
CCTV SYSTEM												
	Name of the Building	Whether Necessary	Carpet Area To be Covered ( Sq.Mtr )							Total Connected Load( KW )	Max Demand (KW)	
a.	Govt. General Degree College at Kaliganj									1	1	

*M. Kaliganj*  
 Officer-in-charge  
 Government General Degree  
 College, Kaliganj  
 Debagram, Nadia



**GOVERNMENT OF WEST BENGAL**  
**Office of the Principal**  
**Government General Degree College, Kaliganj**  
**Debagram, Nadia - 741137**  
**Ph: 03473-267514**  
**Website: [www.kaliganjgovtcollege.ac.in](http://www.kaliganjgovtcollege.ac.in)**

S	Name of the Building	MAXIMUM DEMAND ( KW )										
		LIGHT/ FAN/PL UGS	AC	Lift	PA	Stage	CCTV	Fire Detection	IT INFR A	SUM OF MD(KW)	Emergency Load (KW)	
a.	Govt. General Degree College at Kaliganj	61.08	70				1			132.08		
1	Compound Lighting									4.74		
2	No of Pumps with Capacity in KW ( Water Supply )									10		
		Sum of the Individual Maximum Demand ( IN KW )									146.82	
		Sum of the Individual Maximum Demand ( IN KVA )									172.729412	
		Simultaneous Maximum Demand ( Using Diversity Factor -1.42 )									122	

*[Signature]*  
 Junior Engineer-I, PWD  
 Krishnagar Electrical Sub-division

*[Signature]*  
 Assistant Engineer, PWD  
 Krishnagar Electrical Sub-division

*[Signature]*  
 Executive Engineer, PWD  
 Central Electrical Circle

*[Signature]*  
 Officer-in-charge  
 Government General Degree  
 College, Kaliganj  
 Debagram, Nadia