




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

ENERGY AUDIT REPORT
Academic Session 2021-2022


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



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ENERGY REPORT ELECTRICAL												
REPORT												
1	Subject	Energy Audit Report at Govt. General Degree College at Kaliganj Nadia. [21-22]										
2	Location of the Building / Premises	Debagram ,Nadia										
3	Occupying Authority	Officer- in- charg , 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		61.1		61.08
				21.4	14.8	2.7	12.5	9.75				
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	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)	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



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S	Name of the Building	MAXIMUM DEMAND (KW)										
		LIGHT/ FAN/PL UGS	AC	Lift	PA	Stage	CCTV	Fire Detec tion	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