NEW HORIZON COLLEGE

MARATHALLI

ENVIRONMENTAL CONSCIOUSNESS AND SUSTAINABILITY

New Horizon College takes necessary measures to conserve energy. All the classrooms are adequately ventilated and sun-lighted and required only minimal artificial lighting during day time. Students are instructed to switch off the lights and fans when not required. Faculty advisors depute students' representatives to check whether fans are switched off in unoccupied classrooms. Students are instructed to shut down the systems and printers when not in use.

Solar energy, which is a renewable resource, is major source of alternative energy in the college. It provides an unlimited, steady supply of energy through time. Solar energy is also a green source of energy because it does not emit pollutants during the energy production process.

Percentage of annual power requirement of the Institution met by the renewable energy sources

Power requirement met by renewable energy sources	Total power requirement	Renewable energy source	Renewable energy generated and used	
2.16	24KWH	Solar energy	2.16	

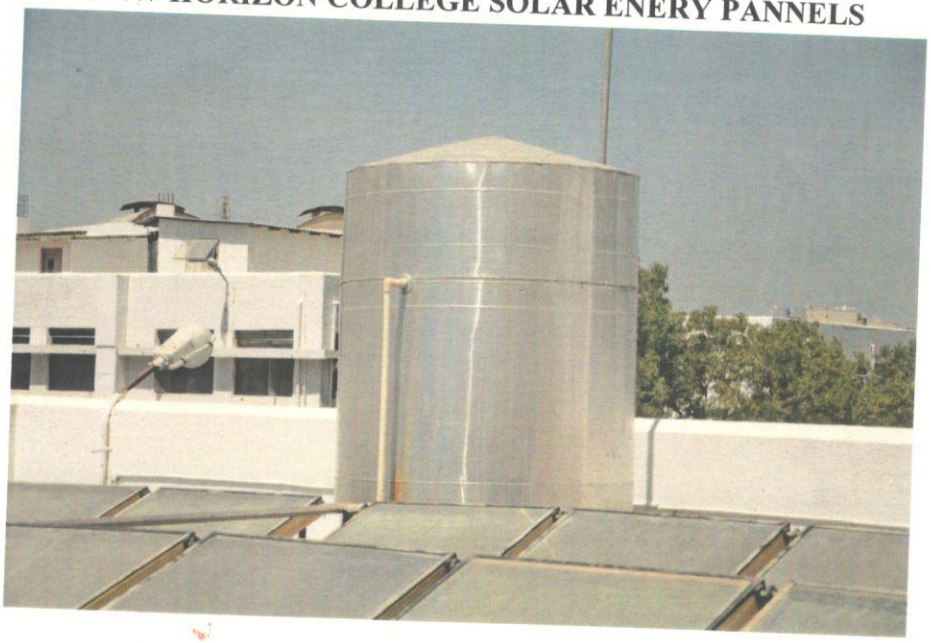
Details of solar panel installed in New Horizoncampus

	Location	*No of panels*
1	Swami Vivekanda block	72
2	Sri M Visvesvaraya block	72
3	ShahidBhagatSingh	48
4	Jhansi Rani Block	48
5	Rani Chennamma Block	48

Principal
NEW HORIZON COLLEGE
Ring Road, Kadubisanahalli
Bellandur Post, New Marathahalli
Bangalore - 560 103

NEW HORIZON COLLEGE

NEW HORIZON COLLEGE SOLAR ENERY PANNELS



Solar panels installed at the stategic locations

Solar panels installed at the stategic locations

Principal
NEW HORIZON COLLEGE
Ring Road, Kadubisanahalli

NEW HORIZON COLLEGE

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources

A solar plant is installed by NHEI to meet the energy requirements. The 30kW solar photovoltaic system is set up at Sardar Vallabhbhai Patel block. The power from the solar PV system is being supplied to all class rooms and computer labs in the block.

As a part of energy conservation measures all classrooms are lighted with LED bulbs. LEDs are extremely energy efficient and consume up to 90% less power than incandescent bulbs. Since LEDs use only a fraction of the energy of an incandescent light bulb there is a decrease in power cost.

Principal
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Ring Road, Bellandur Post,
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NEW HORIZON COLLEGE

BILL OF SUPPLY

Mob : 9611773125
9880812638

Madu Electrical

DEALER IN ALL KINDS OF ELECTRICALS & ELECTRONICS GOODS
No.141, Madhan Enclave, A.Narayanapura Main Road, Opp. B.B.M.P. Office.
Bangalore - 560016.
GSTIN : 29AIZPP0158P1Z4

Details of Party
Name : New Horizon
Address :

Invoice No. 1574
Date 17/8/17

Sl. No.	Description of Goods	HSN Code	Qty.	Rate/ Unit	Amount Rs.	Ps.
1	Siemens LED Decimal CFL -17W's		120	722	86640	
2	2x2 LED 45W Decimal CFL -17W's		2 NO	4850	17000	
					103640	
				SGST 6 %	6218	40
				CGST 6 %	6218	40
	E.& O.E.			G. TOTAL	116076	80

Amount of Tax Subject to Reverse Charges : Nil

Declaration

Signature

Subject to BANGALORE Jurisdiction.
Terms : Goods once sold cannot be taken back or exchanged

Signature

Name of the Designation / Status

Principal
NEW HORIZON COLLEGE
Ring Road, Bellandur Post,
Bangalore - 560 103.

NEW HORIZON COLLEGE

ENERGY CONSERVATION INITIATIVES

DETAILS OF LED BULBS INSTALLED

As a part of energy conservation measures all classrooms are lighted with LED bulbs. LEDs are extremely energy efficient and consume up to 90% less power than incandescent bulbs. Since LEDs use only a fraction of the energy of an incandescent light bulb there is a decrease in power costs

Details of led bulbs installed

No of bulbs used	Power consumption perday	No of bulbs	Annual consumption
22 Watts X120 Bulbs	.18 Watts	120	.18X120X260 Days=5616watts
48 Watts X4 Bulbs	.38	4	.38X4X260 Days=395.2
Total			6011.2 Watts /6.01kw
Annual power met through LED			25.04%

Classroom Lighted with LED bulb

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